

Data File : S:\HPCHEM1\HPLC_N\DATA\HN012114\HN005805.D Vial: 31
 Acq On : 21-Jan-2014, 22:09 Operator: QM
 Sample : F1002-03 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jan 24 13:18 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	724750	192.392 ug/L
Target Compounds			
2) T HMX	0.88	83920	19.568 ug/L
3) T RDX	1.69	103392	18.028 ug/L
4) T 1,3,5-Trinitrobenzene	2.63	103782	9.643 ug/L
5) T 1,3-Dinitrobenzene	3.47	208144	12.902 ng/ml
6) T 3,5-Dinitroaniline	3.82	165377	13.214 ug/L
7) T Nitrobenzene	4.65	135077	12.564 ug/L
8) T Tetryl	6.13	7554	1.096 ug/L
9) T 2,4,6-Trinitrotoluene	6.40	106615	10.001 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.82	62427	5.462 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.21	117159	20.269 ug/L
12) T 2,4-Dinitrotoluene	7.98	169306	11.067 ug/L
13) T 2,6-Dinitrotoluene	8.37	138286	16.384 ug/L
14) T 2-Nitrotoluene	11.44	106304	16.061 ug/L
15) T 4-Nitrotoluene	12.15	22308	4.177 ug/L
16) T 3-Nitrotoluene	13.38	43253	6.481 ug/L
17) T PETN	18.45	160127	19.224 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.

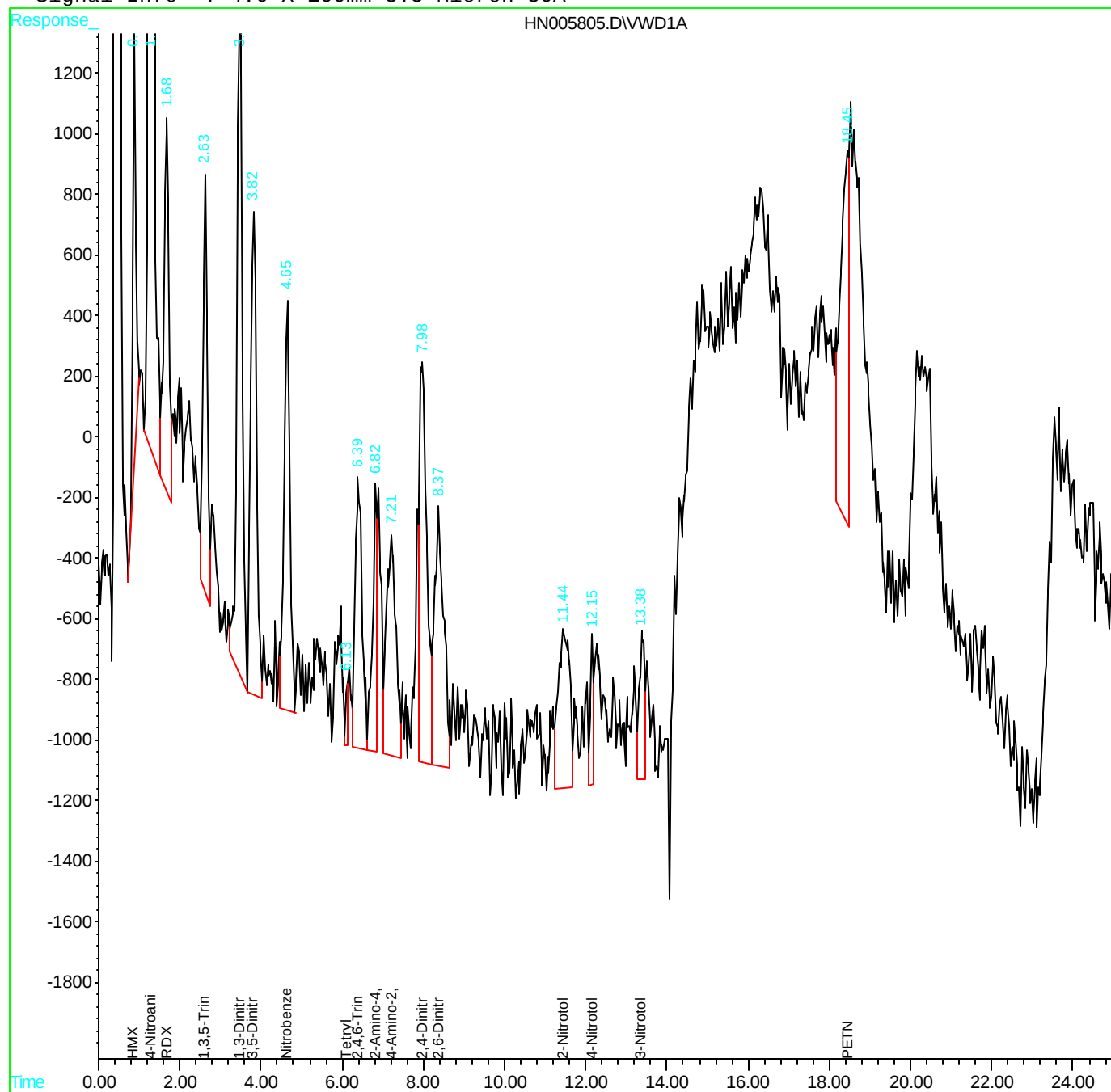
HN005805.D HN012114.M Fri Jan 24 13:18:32 2014 RPT1

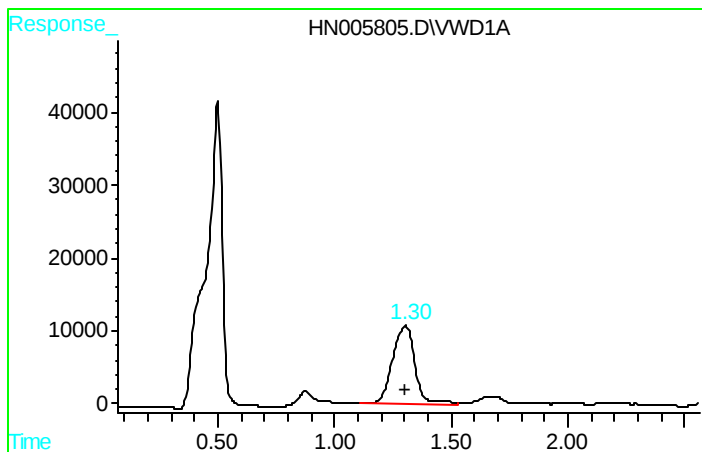
Quantitation Report

Data File : S:\HPCHEM1\HPLC_N\DATA\HN012114\HN005805.D Vial: 31
Acq On : 21-Jan-2014, 22:09 Operator: QM
Sample : F1002-03 Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 24 13:18 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 : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

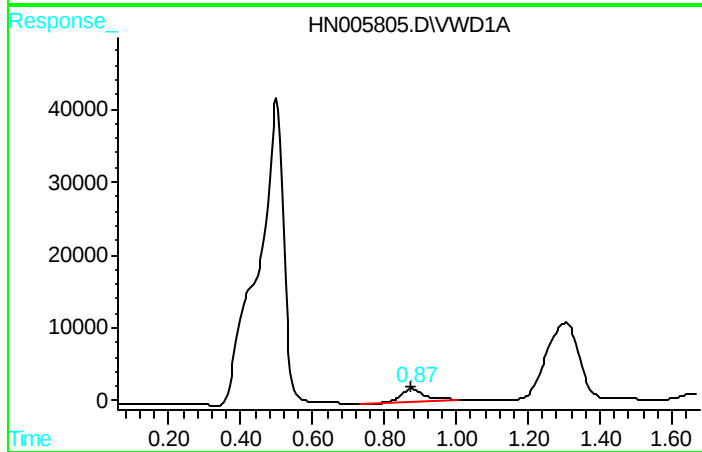
Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





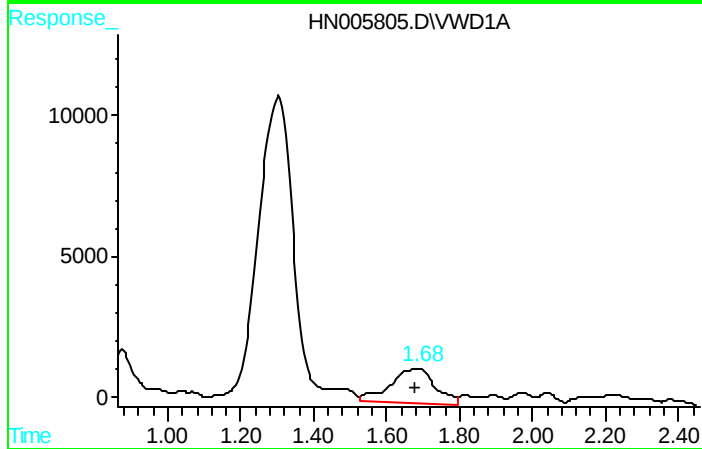
#1 4-Nitroaniline

R.T.: 1.304 min
 Delta R.T.: 0.000 min
 Response: 724750
 Conc: 192.39 ug/L



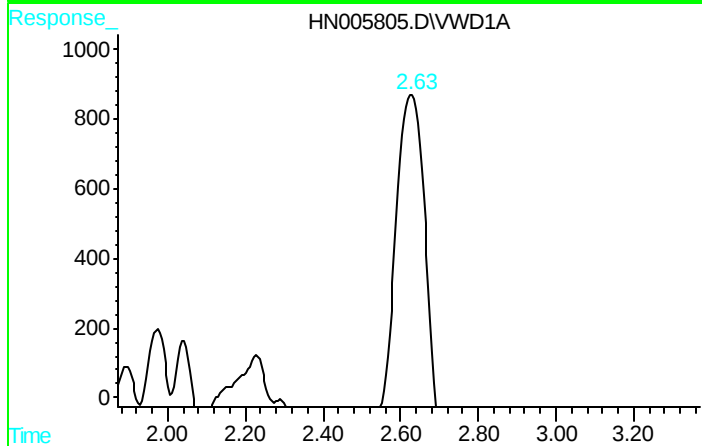
#2 HMX

R.T.: 0.877 min
 Delta R.T.: 0.003 min
 Response: 83920
 Conc: 19.57 ug/L



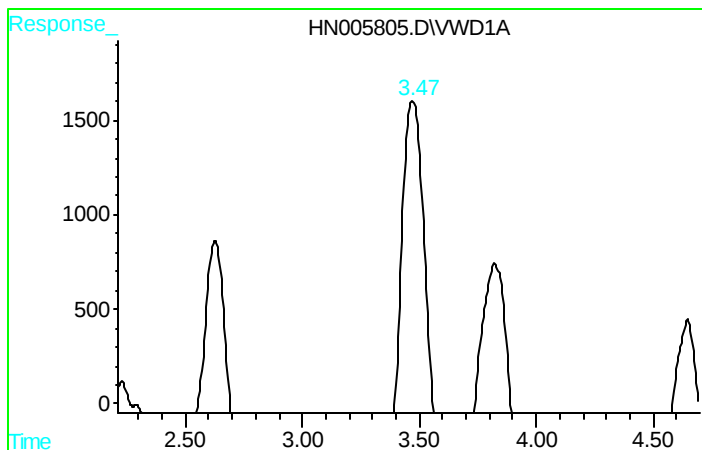
#3 RDX

R.T.: 1.685 min
 Delta R.T.: 0.006 min
 Response: 103392
 Conc: 18.03 ug/L



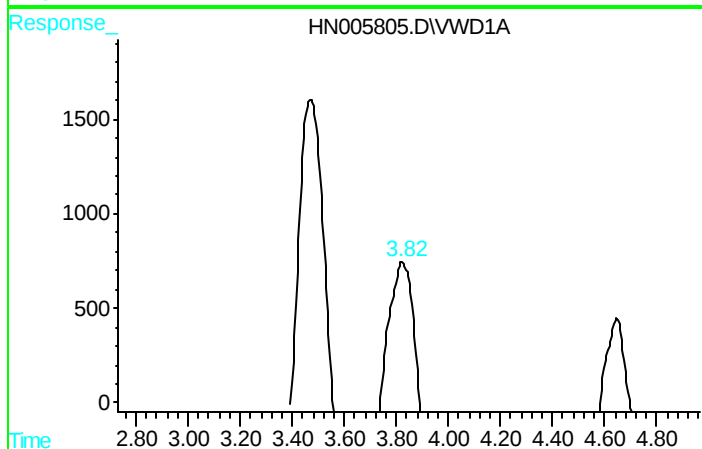
#4 1,3,5-Trinitrobenzene

R.T.: 2.628 min
 Delta R.T.: 0.005 min
 Response: 103782
 Conc: 9.64 ug/L



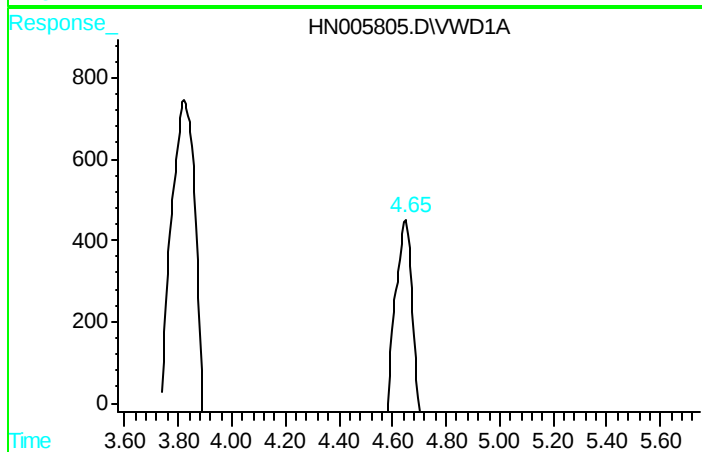
#5 1,3-Dinitrobenzene

R.T.: 3.472 min
Delta R.T.: 0.003 min
Response: 208144
Conc: 12.90 ng/ml



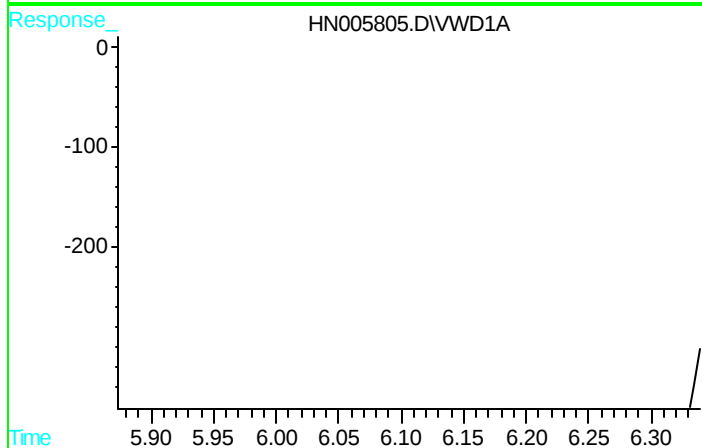
#6 3,5-Dinitroaniline

R.T.: 3.824 min
Delta R.T.: 0.007 min
Response: 165377
Conc: 13.21 ug/L



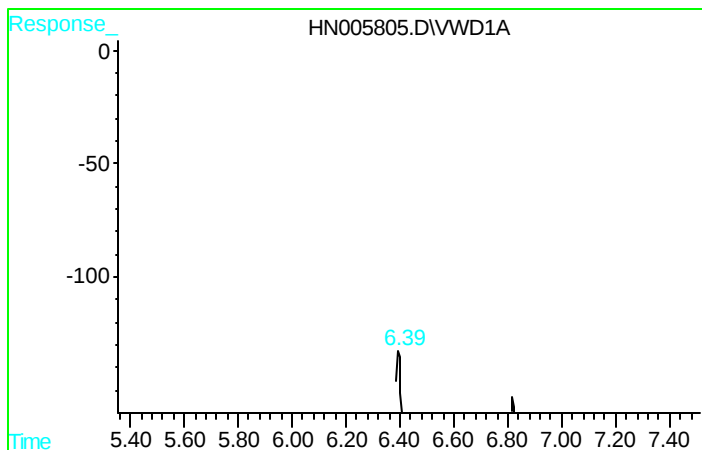
#7 Nitrobenzene

R.T.: 4.648 min
Delta R.T.: 0.017 min
Response: 135077
Conc: 12.56 ug/L



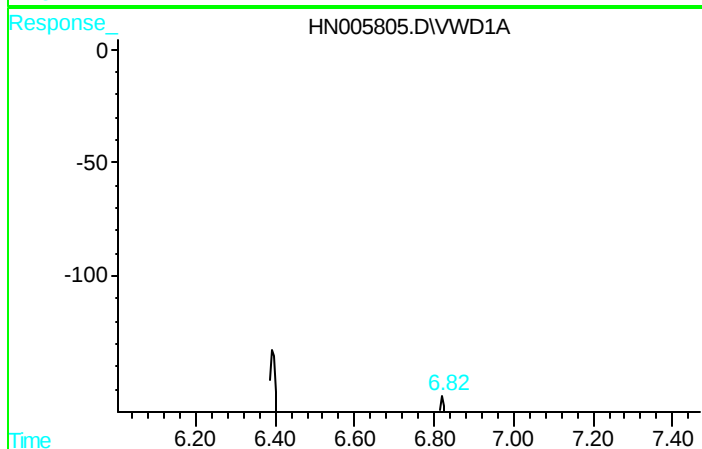
#8 Tetryl

R.T.: 6.127 min
Delta R.T.: 0.056 min
Response: 7554
Conc: 1.10 ug/L



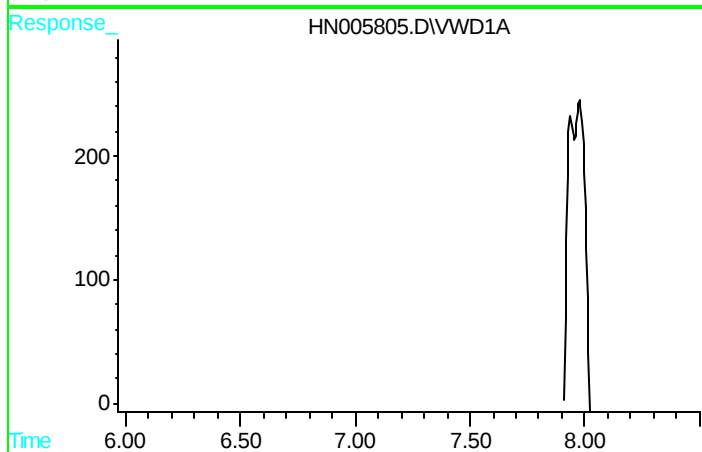
#9 2,4,6-Trinitrotoluene

R.T.: 6.397 min
Delta R.T.: 0.024 min
Response: 106615
Conc: 10.00 ug/L



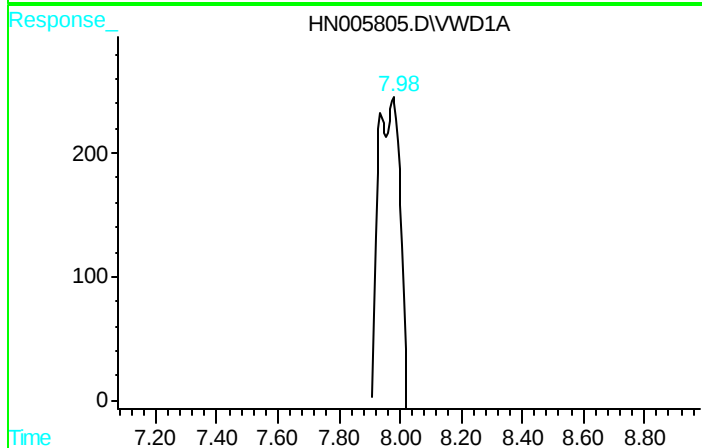
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.824 min
Delta R.T.: -0.020 min
Response: 62427
Conc: 5.46 ug/L



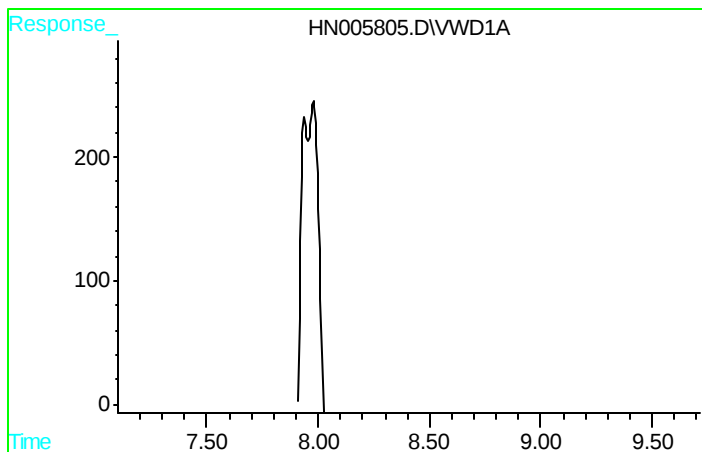
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.214 min
Delta R.T.: 0.045 min
Response: 117159
Conc: 20.27 ug/L



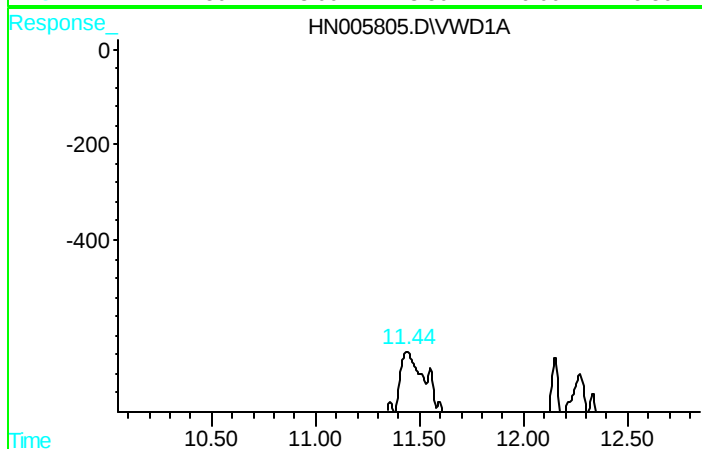
#12 2,4-Dinitrotoluene

R.T.: 7.978 min
Delta R.T.: 0.040 min
Response: 169306
Conc: 11.07 ug/L



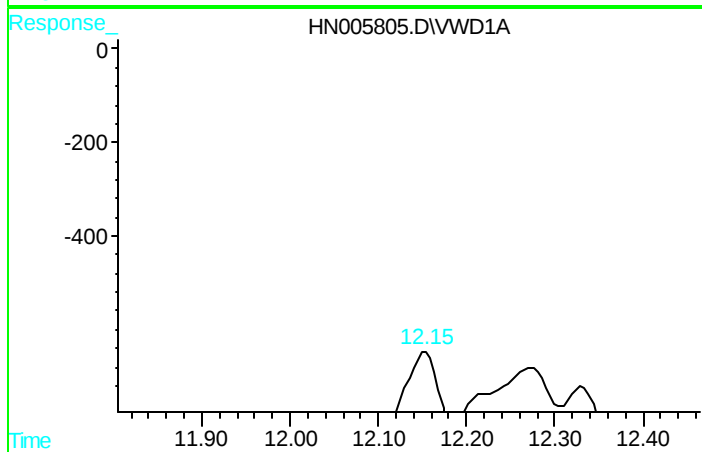
#13 2,6-Dinitrotoluene

R.T.: 8.375 min
Delta R.T.: 0.060 min
Response: 138286
Conc: 16.38 ug/L



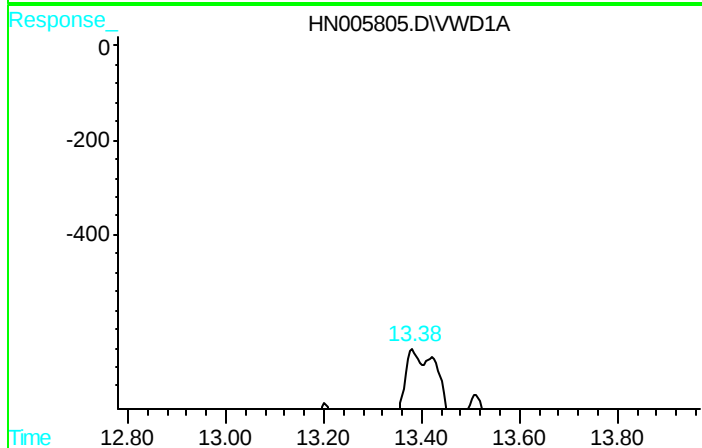
#14 2-Nitrotoluene

R.T.: 11.442 min
Delta R.T.: 0.051 min
Response: 106304
Conc: 16.06 ug/L



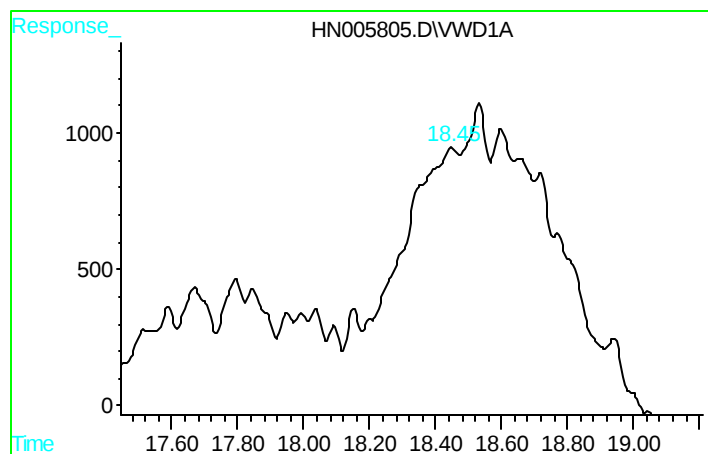
#15 4-Nitrotoluene

R.T.: 12.153 min
Delta R.T.: 0.020 min
Response: 22308
Conc: 4.18 ug/L



#16 3-Nitrotoluene

R.T.: 13.385 min
Delta R.T.: 0.026 min
Response: 43253
Conc: 6.48 ug/L



#17 PETN

R.T.: 18.451 min
Delta R.T.: -0.018 min
Response: 160127
Conc: 19.22 ug/L