

Data File : S:\HPCHEM1\HPLC_N\DATA\HN012114\HN005808.D Vial: 34
Acq On : 21-Jan-2014, 23:30 Operator: QM
Sample : F1002-06 Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jan 24 14:39 2014 Quant Results File: HN012114.RES

Instrument :
HPLC_N
ClientSampleId :
LOQ WATER 2014-02

Manual Integrations
APPROVED

QI
1/24/2014 4:51:07 PM

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	1337696	355.105 ug/L
Target Compounds			
2) T HMX	0.87	212894	49.641 ug/L
3) T RDX	1.65	251956	43.933 ug/L m
4) T 1,3,5-Trinitrobenzene	2.63	371696	34.536 ug/L
5) T 1,3-Dinitrobenzene	3.48	725313	44.960 ng/ml
6) T 3,5-Dinitroaniline	3.82	575449	45.978 ug/L
7) T Nitrobenzene	4.65	488404	45.430 ug/L
8) T Tetryl	5.89	134504	19.506 ug/L m
9) T 2,4,6-Trinitrotoluene	6.41	465590	43.675 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.89	461520	40.378 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.22	236604	40.933 ug/L m
12) T 2,4-Dinitrotoluene	7.98	835798	54.633 ug/L m
13) T 2,6-Dinitrotoluene	8.36	507068	60.076 ug/L m
14) T 2-Nitrotoluene	11.45	302785	45.745 ug/L
15) T 4-Nitrotoluene	12.20	241969	45.309 ug/L m
16) T 3-Nitrotoluene	13.44	331987	49.745 ug/L m
17) T PETN	18.64	508015	60.989 ug/L m

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.

HN005808.D HN012114.M

Sat Jan 25 00:59:41 2014

RPT1

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Quantitation Report

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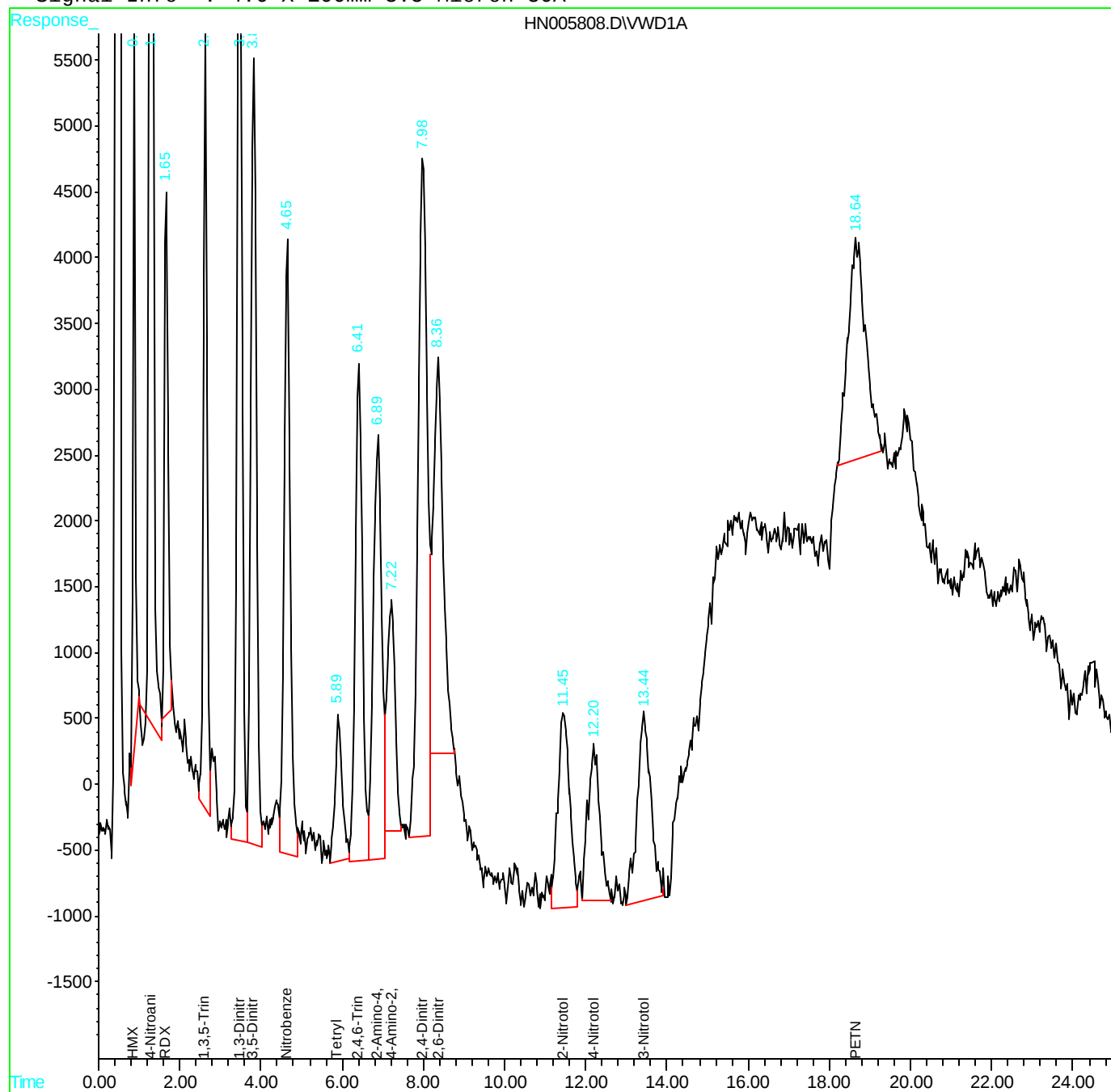
Instrument :
HPLC_N
ClientSampleId :
LOQ WATER 2014-02

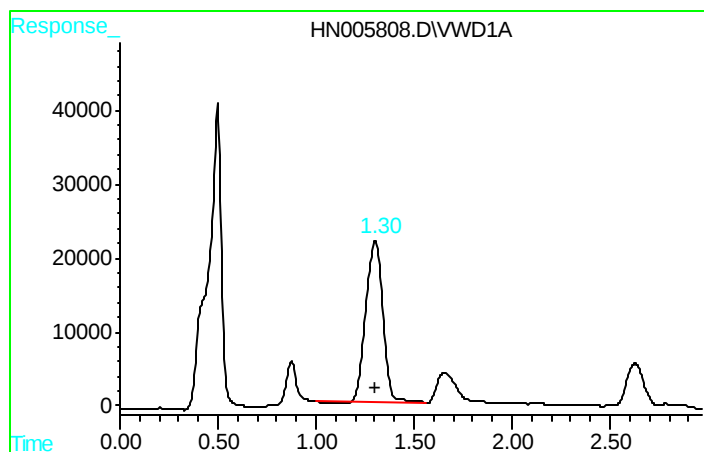
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
Title :
Last Update : Fri Jan 24 13:04:26 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





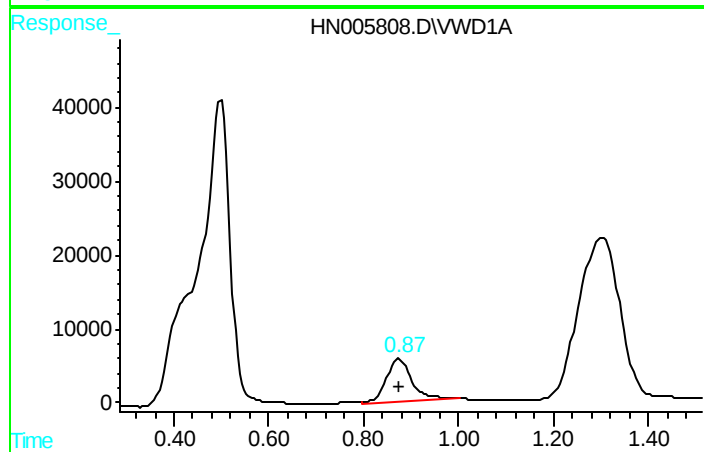
#1 4-Nitroaniline

R.T.: 1.303 min
Delta R.T.: -0.001 min
Response: 1337696
Conc: 355.10 ug/L

Instrument :
HPLC_N
ClientSampleId :
LOQ WATER 2014-02

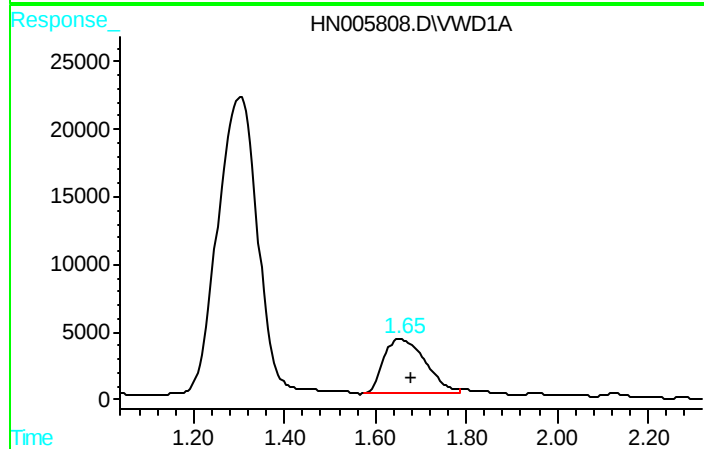
Manual Integrations
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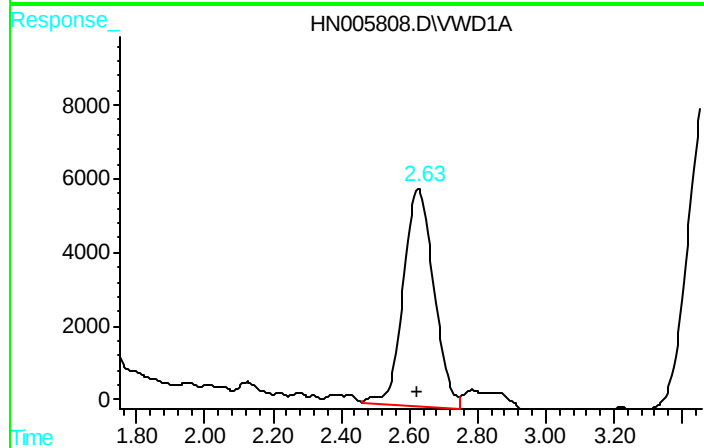
#2 HMX

R.T.: 0.875 min
Delta R.T.: 0.000 min
Response: 212894
Conc: 49.64 ug/L



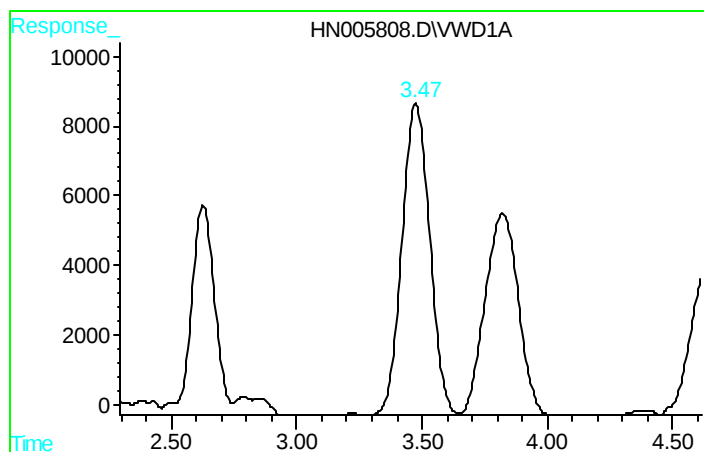
#3 RDX

R.T.: 1.652 min
Delta R.T.: -0.027 min
Response: 251956
Conc: 43.93 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.627 min
Delta R.T.: 0.004 min
Response: 371696
Conc: 34.54 ug/L



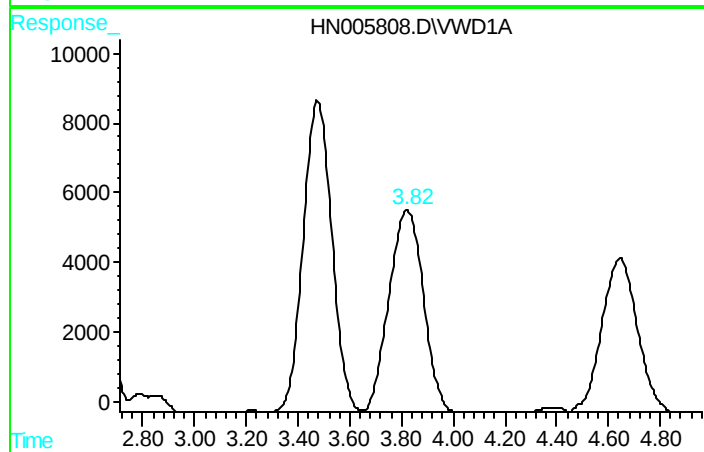
#5 1,3-Dinitrobenzene

R.T.: 3.476 min
Delta R.T.: 0.007 min
Response: 725313
Conc: 44.96 ng/ml

Instrument :
HPLC_N
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LOQ WATER 2014-02

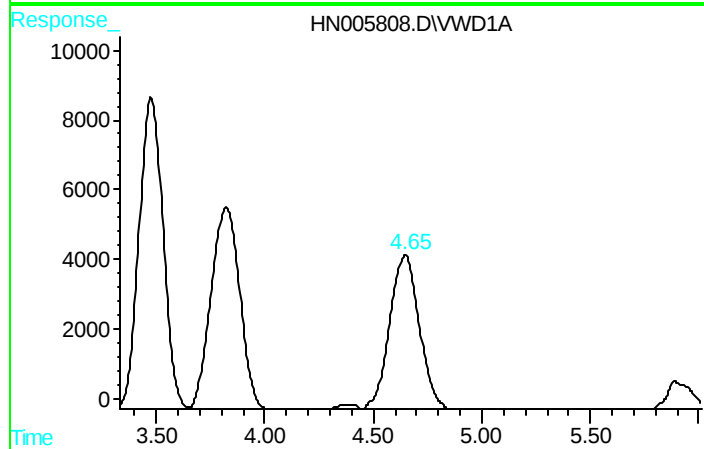
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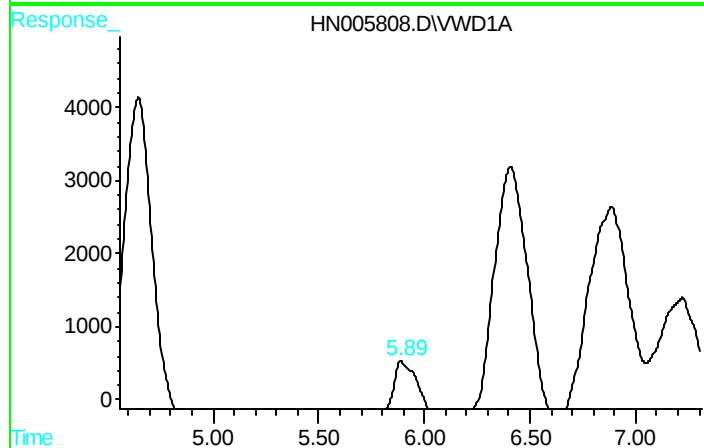
#6 3,5-Dinitroaniline

R.T.: 3.822 min
Delta R.T.: 0.005 min
Response: 575449
Conc: 45.98 ug/L



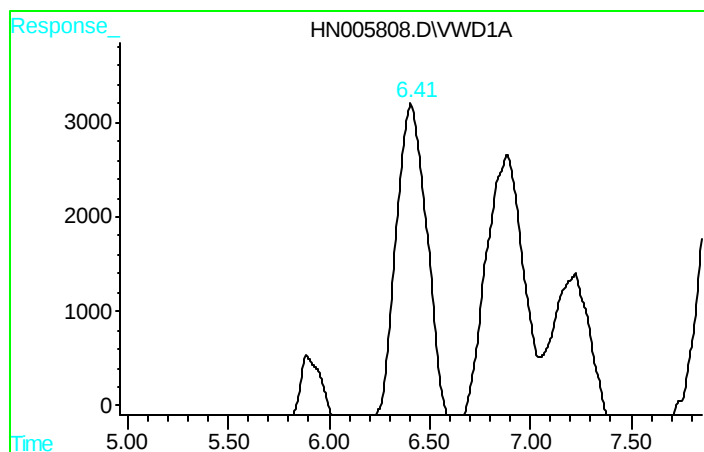
#7 Nitrobenzene

R.T.: 4.647 min
Delta R.T.: 0.016 min
Response: 488404
Conc: 45.43 ug/L



#8 Tetryl

R.T.: 5.886 min
Delta R.T.: -0.185 min
Response: 134504
Conc: 19.51 ug/L m



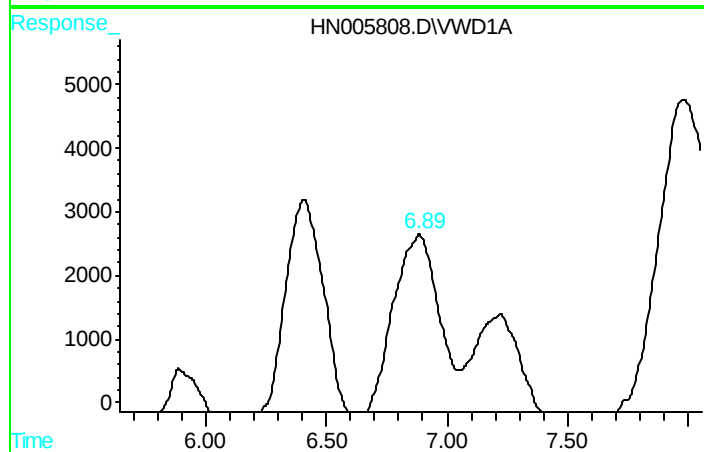
#9 2,4,6-Trinitrotoluene

R.T.: 6.409 min
Delta R.T.: 0.035 min
Response: 465590
Conc: 43.68 ug/L

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LOQ WATER 2014-02

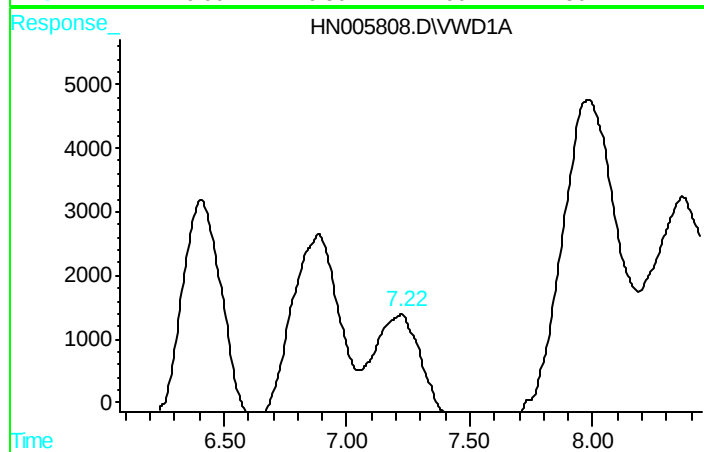
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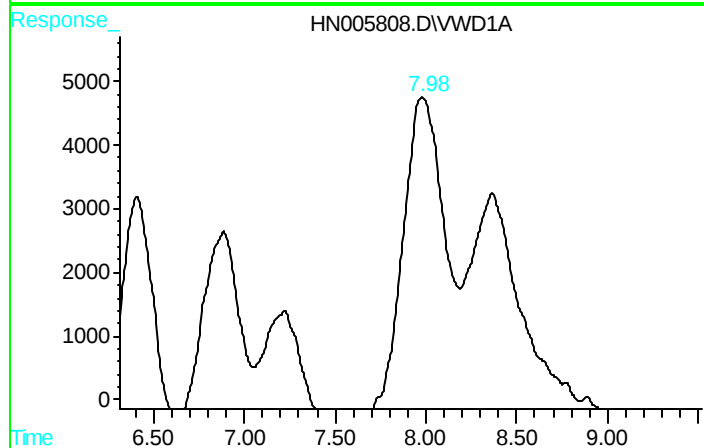
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.887 min
Delta R.T.: 0.043 min
Response: 461520
Conc: 40.38 ug/L



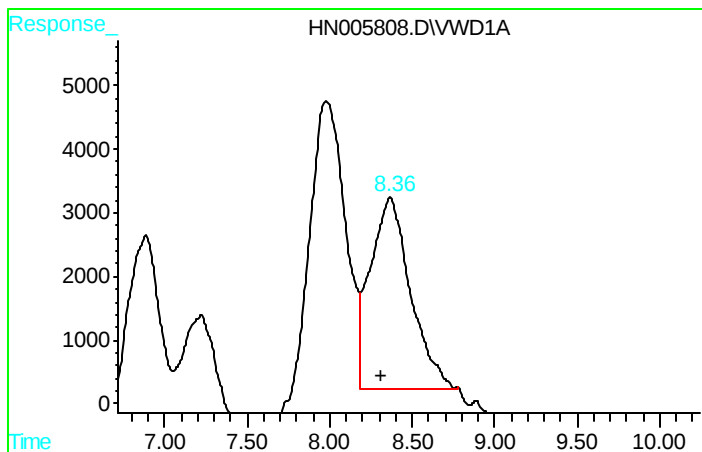
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.223 min
Delta R.T.: 0.054 min
Response: 236604
Conc: 40.93 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 7.984 min
Delta R.T.: 0.046 min
Response: 835798
Conc: 54.63 ug/L m



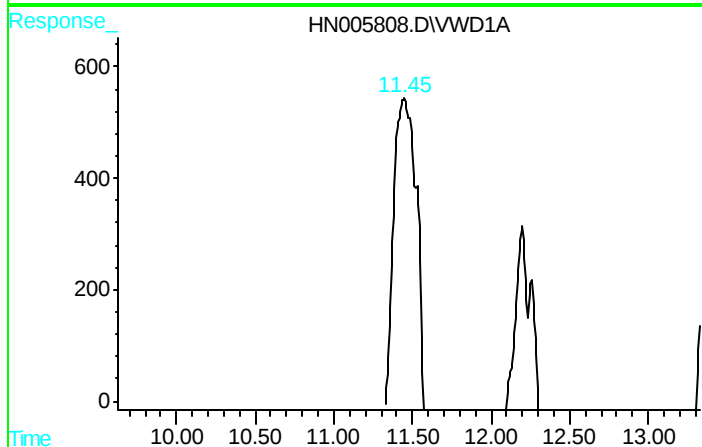
#13 2,6-Dinitrotoluene

R.T.: 8.365 min
Delta R.T.: 0.050 min
Response: 507068
Conc: 60.08 ug/L m

Instrument :
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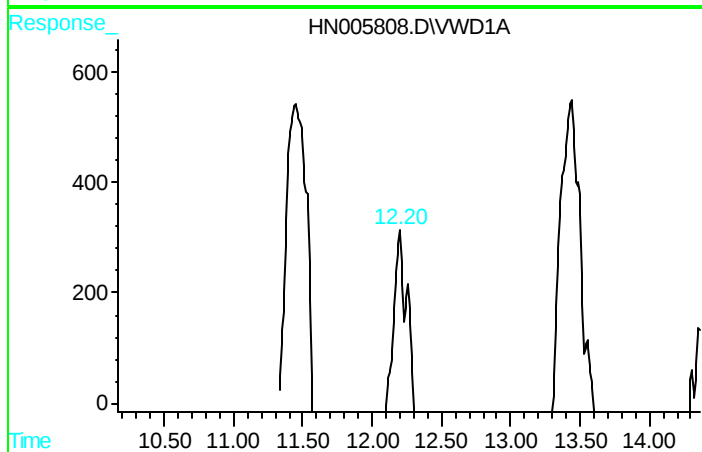
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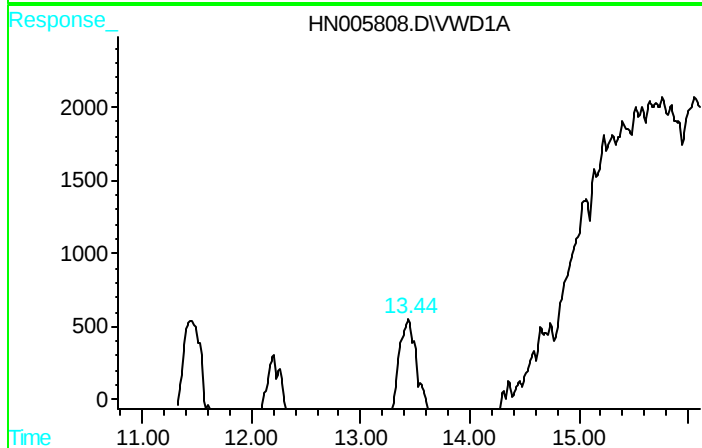
#14 2-Nitrotoluene

R.T.: 11.446 min
Delta R.T.: 0.055 min
Response: 302785
Conc: 45.75 ug/L



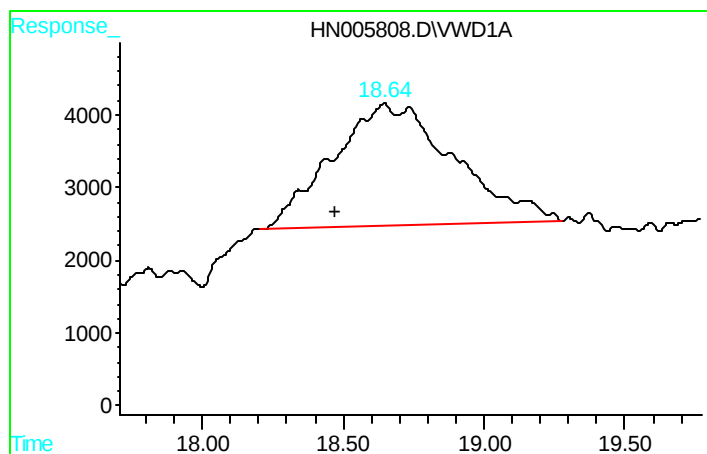
#15 4-Nitrotoluene

R.T.: 12.198 min
Delta R.T.: 0.064 min
Response: 241969
Conc: 45.31 ug/L m



#16 3-Nitrotoluene

R.T.: 13.437 min
Delta R.T.: 0.078 min
Response: 331987
Conc: 49.74 ug/L m



#17 PETN

R.T.: 18.644 min
Delta R.T.: 0.175 min
Response: 508015
Conc: 60.99 ug/L m

Instrument :
HPLC_N
ClientSampleId :
LOQ WATER 2014-02

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