

Data File : S:\HPCHEM1\HPLC_N\DATA\HN072414\HN006173.D Vial: 7
 Acq On : 24-Jul-2014, 12:08 Operator: HNP
 Sample : F2970-04-S Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 24 15:11 2014 Quant Results File: HN071714.RES

Instrument :
 HPLC_N
 ClientSampleId :
 LOQ SOIL 2014-02

Manual Integrations
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 7/31/2014 7:04:11 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN071714.M
 Title :
 Last Update : Thu Jul 17 17:06:08 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	1.33	686316	155.829 ug/L m
Target Compounds			
2) T HMX	0.88	244282	35.486 ug/L m
3) T RDX	1.73	268692	47.998 ug/L m
4) T 1,3,5-Trinitrobenzene	2.73	508933	46.103 ug/L m
5) T 1,3-Dinitrobenzene	3.63	942702	56.144 ng/mlm
6) T 3,5-Dinitroaniline	4.01	738425	54.796 ug/L m
7) T Nitrobenzene	4.92	542570	52.744 ug/L m
8) T Tetryl	6.50	302950	38.974 ug/L m
9) T 2,4,6-Trinitrotoluene	6.79	531817	50.270 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.34	531438	46.615 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.73	352288	50.832 ug/L m
12) T 2,4-Dinitrotoluene	8.53	818910	51.674 ug/L m
13) T 2,6-Dinitrotoluene	8.97	463756	54.364 ug/L m
14) T 2-Nitrotoluene	12.43	306820	44.587 ug/L m
15) T 4-Nitrotoluene	13.18	231054	41.660 ug/L m
16) T 3-Nitrotoluene	14.53	360637	50.468 ug/L m
17) T PETN	19.85	601915	67.956 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.

HN006173.D HN071714.M

Mon Aug 18 16:53:20 2014

RPT1

Quantitation Report

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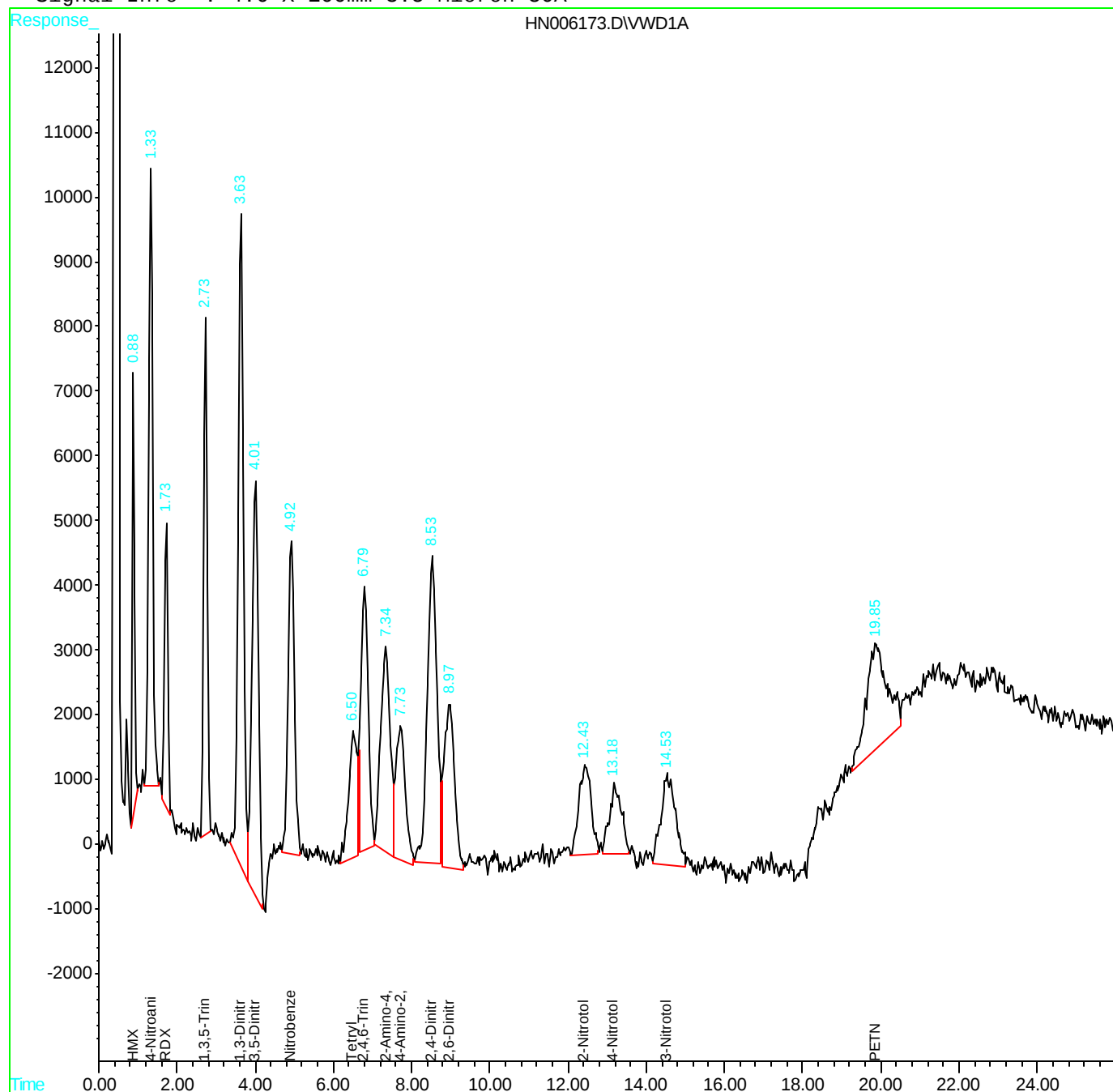
Instrument :
HPLC_N
ClientSampleId :
LOQ SOIL 2014-02

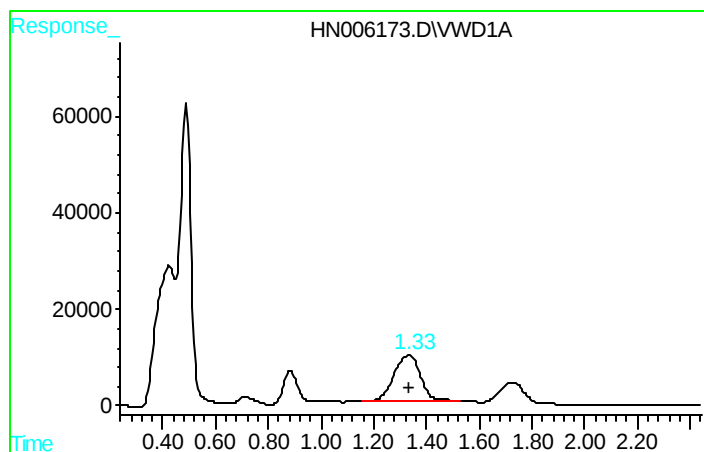
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN071714.M
Title :
Last Update : Thu Jul 17 17:06:08 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





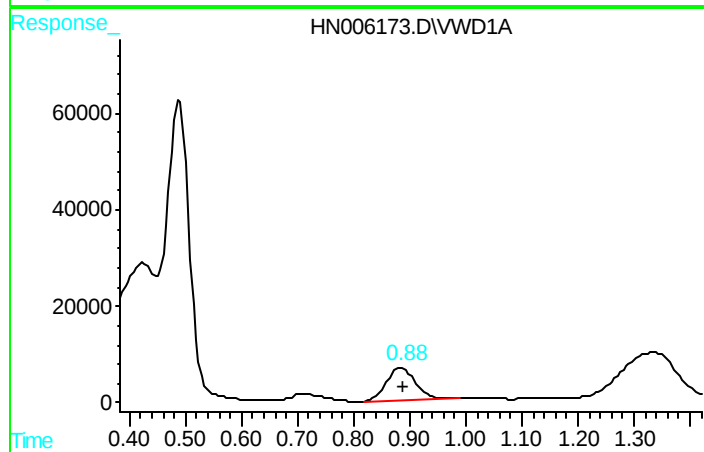
#1 4-Nitroaniline

R.T.: 1.333 min
Delta R.T.: -0.004 min
Response: 686316
Conc: 155.83 ug/L m

Instrument :
HPLC_N
ClientSampleId :
LOQ SOIL 2014-02

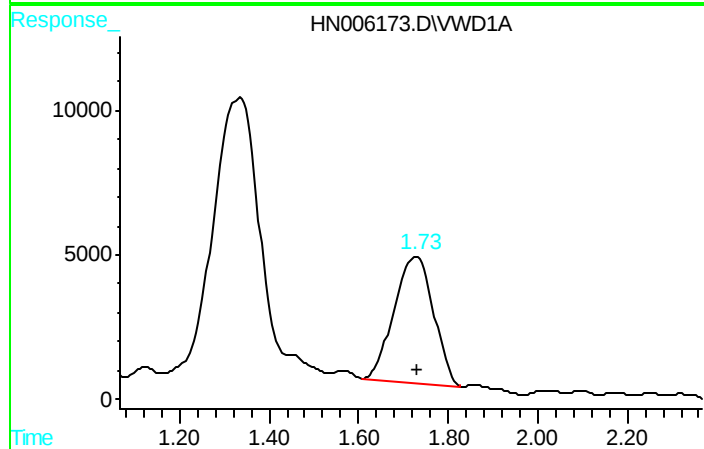
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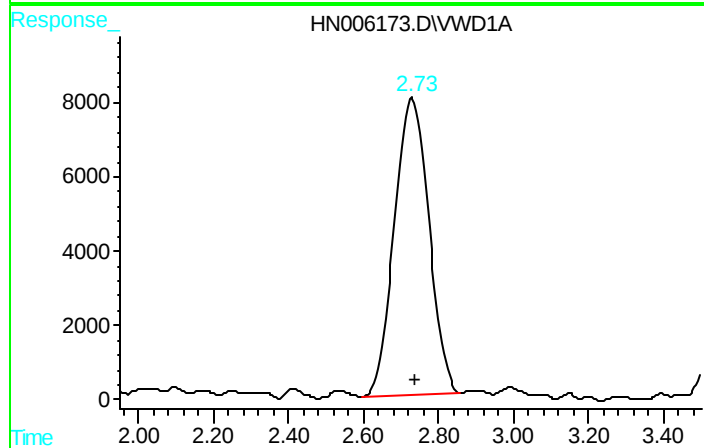
#2 HMX

R.T.: 0.883 min
Delta R.T.: -0.004 min
Response: 244282
Conc: 35.49 ug/L m



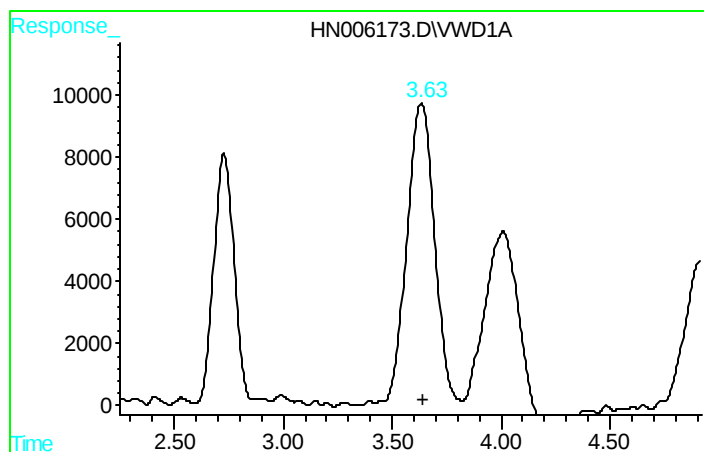
#3 RDX

R.T.: 1.727 min
Delta R.T.: -0.004 min
Response: 268692
Conc: 48.00 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.726 min
Delta R.T.: -0.010 min
Response: 508933
Conc: 46.10 ug/L m



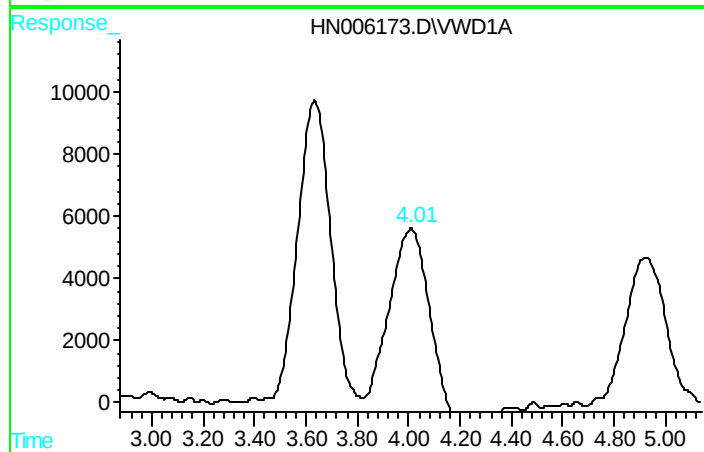
#5 1,3-Dinitrobenzene

R.T.: 3.633 min
Delta R.T.: -0.006 min
Response: 942702
Conc: 56.14 ng/ml

Instrument :
HPLC_N
ClientSampleId :
LOQ SOIL 2014-02

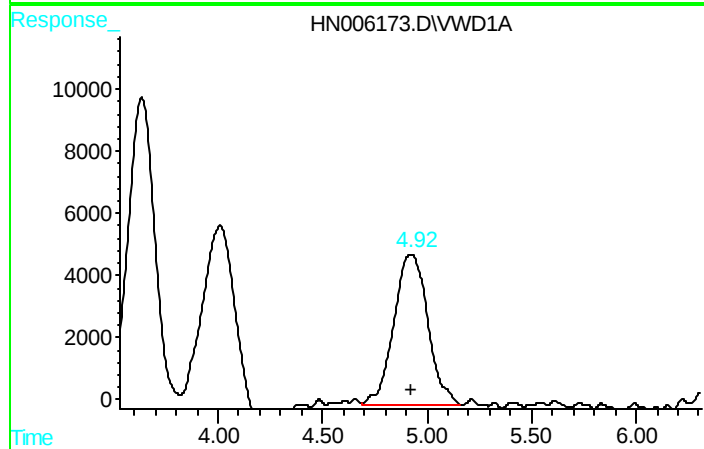
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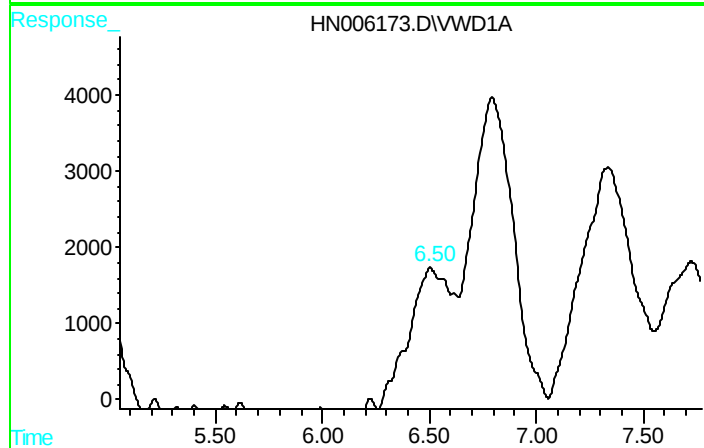
#6 3,5-Dinitroaniline

R.T.: 4.008 min
Delta R.T.: 0.010 min
Response: 738425
Conc: 54.80 ug/L m



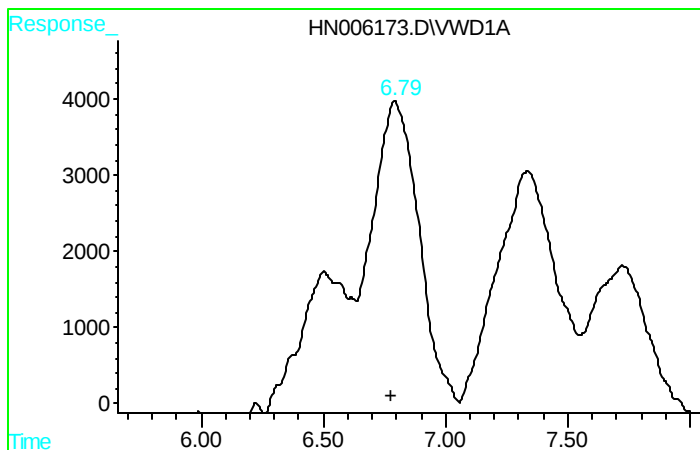
#7 Nitrobenzene

R.T.: 4.923 min
Delta R.T.: 0.004 min
Response: 542570
Conc: 52.74 ug/L m



#8 Tetryl

R.T.: 6.501 min
Delta R.T.: 0.025 min
Response: 302950
Conc: 38.97 ug/L m



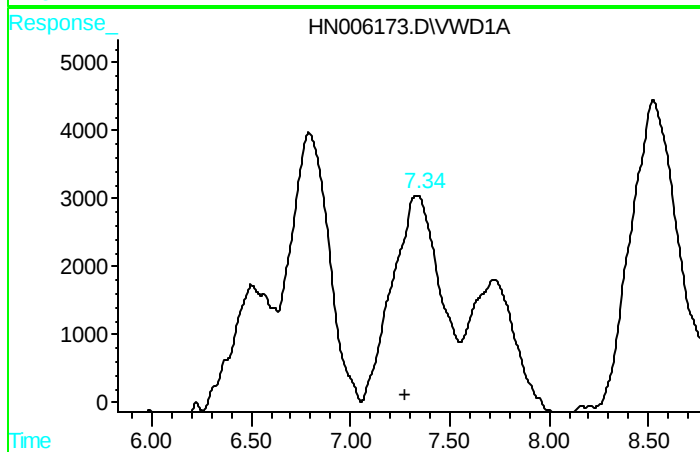
#9 2,4,6-Trinitrotoluene

R.T.: 6.791 min
Delta R.T.: 0.014 min
Response: 531817
Conc: 50.27 ug/L m

Instrument :
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LOQ SOIL 2014-02

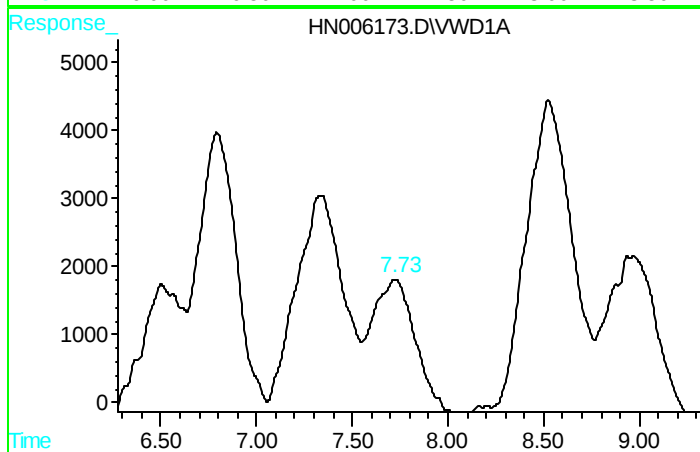
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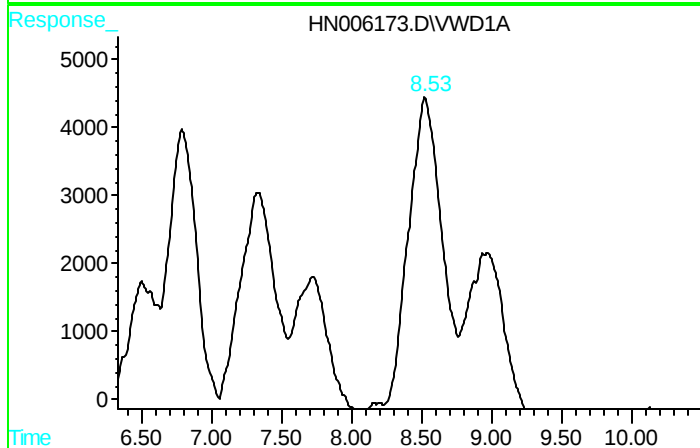
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.343 min
Delta R.T.: 0.070 min
Response: 531438
Conc: 46.62 ug/L m



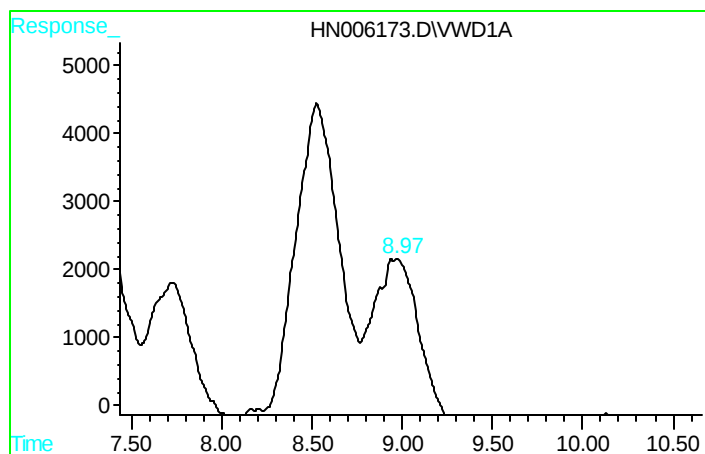
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.726 min
Delta R.T.: 0.074 min
Response: 352288
Conc: 50.83 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.525 min
Delta R.T.: 0.038 min
Response: 818910
Conc: 51.67 ug/L m



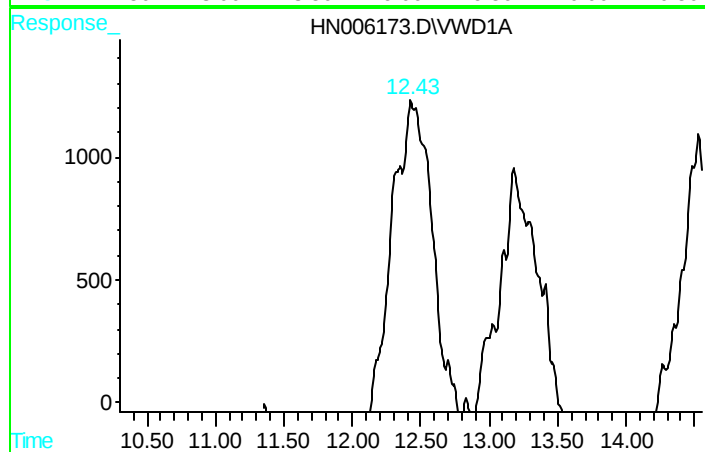
#13 2,6-Dinitrotoluene

R.T.: 8.971 min
Delta R.T.: 0.051 min
Response: 463756
Conc: 54.36 ug/L m

Instrument :
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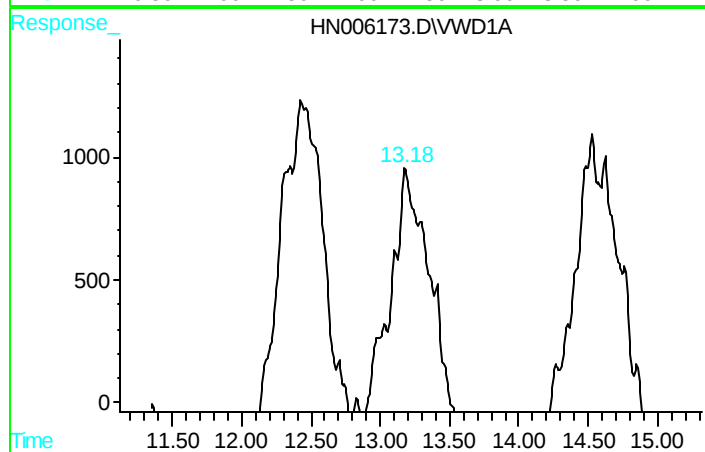
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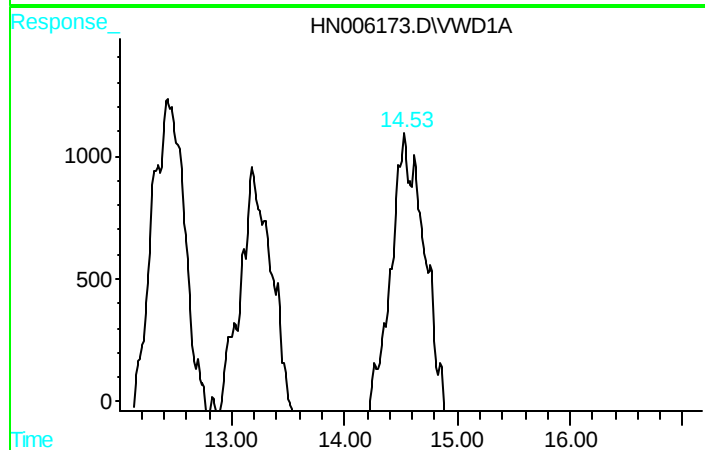
#14 2-Nitrotoluene

R.T.: 12.427 min
Delta R.T.: 0.069 min
Response: 306820
Conc: 44.59 ug/L m



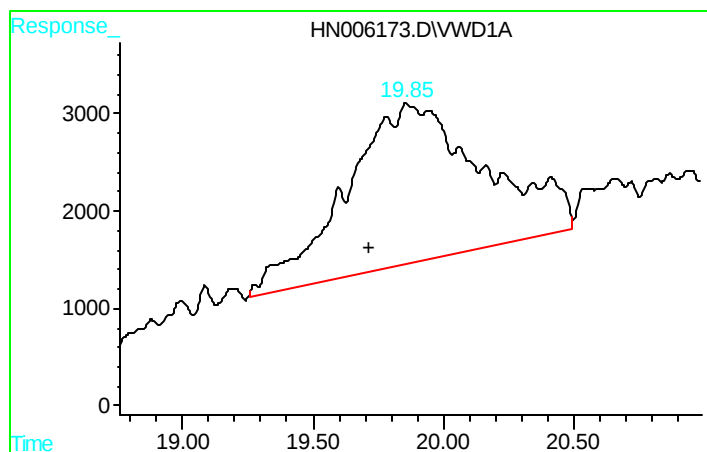
#15 4-Nitrotoluene

R.T.: 13.177 min
Delta R.T.: 0.030 min
Response: 231054
Conc: 41.66 ug/L m



#16 3-Nitrotoluene

R.T.: 14.529 min
Delta R.T.: 0.033 min
Response: 360637
Conc: 50.47 ug/L m



#17 PETN

R.T.: 19.855 min
Delta R.T.: 0.144 min
Response: 601915
Conc: 67.96 ug/L m

Instrument :
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ClientSampleId :
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