

Data File : S:\HPCHEM1\HPLC_N\DATA\HN072414\HN006172.D Vial: 6
 Acq On : 24-Jul-2014, 11:40 Operator: HNP
 Sample : F2970-06-W Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 24 14:35 2014 Quant Results File: HN071714.RES

Instrument :
 HPLC_N
 ClientSampleId :
 LOQ WATER 2014-02

Manual Integrations
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 7/31/2014 7:03:43 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	1386567	314.822 ug/L
Target Compounds			
2) T HMX	0.88	512848	97.830 ug/L
3) T RDX	1.71	612844	109.475 ug/L m
4) T 1,3,5-Trinitrobenzene	2.72	1152482	104.402 ug/L
5) T 1,3-Dinitrobenzene	3.62	1955939	116.488 ng/ml
6) T 3,5-Dinitroaniline	3.99	1440731	106.912 ug/L
7) T Nitrobenzene	4.90	1169702	113.708 ug/L m
8) T Tetryl	6.47	620800	79.864 ug/L m
9) T 2,4,6-Trinitrotoluene	6.76	1212117	114.574 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.28	1220359	107.045 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.67	812687	117.263 ug/L m
12) T 2,4-Dinitrotoluene	8.48	1770829	111.740 ug/L m
13) T 2,6-Dinitrotoluene	8.91	1021277	119.720 ug/L m
14) T 2-Nitrotoluene	12.37	803072	116.702 ug/L m
15) T 4-Nitrotoluene	13.15	602596	108.652 ug/L m
16) T 3-Nitrotoluene	14.53	836258	117.027 ug/L m
17) T PETN	19.78	1028512	116.118 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.

Quantitation Report

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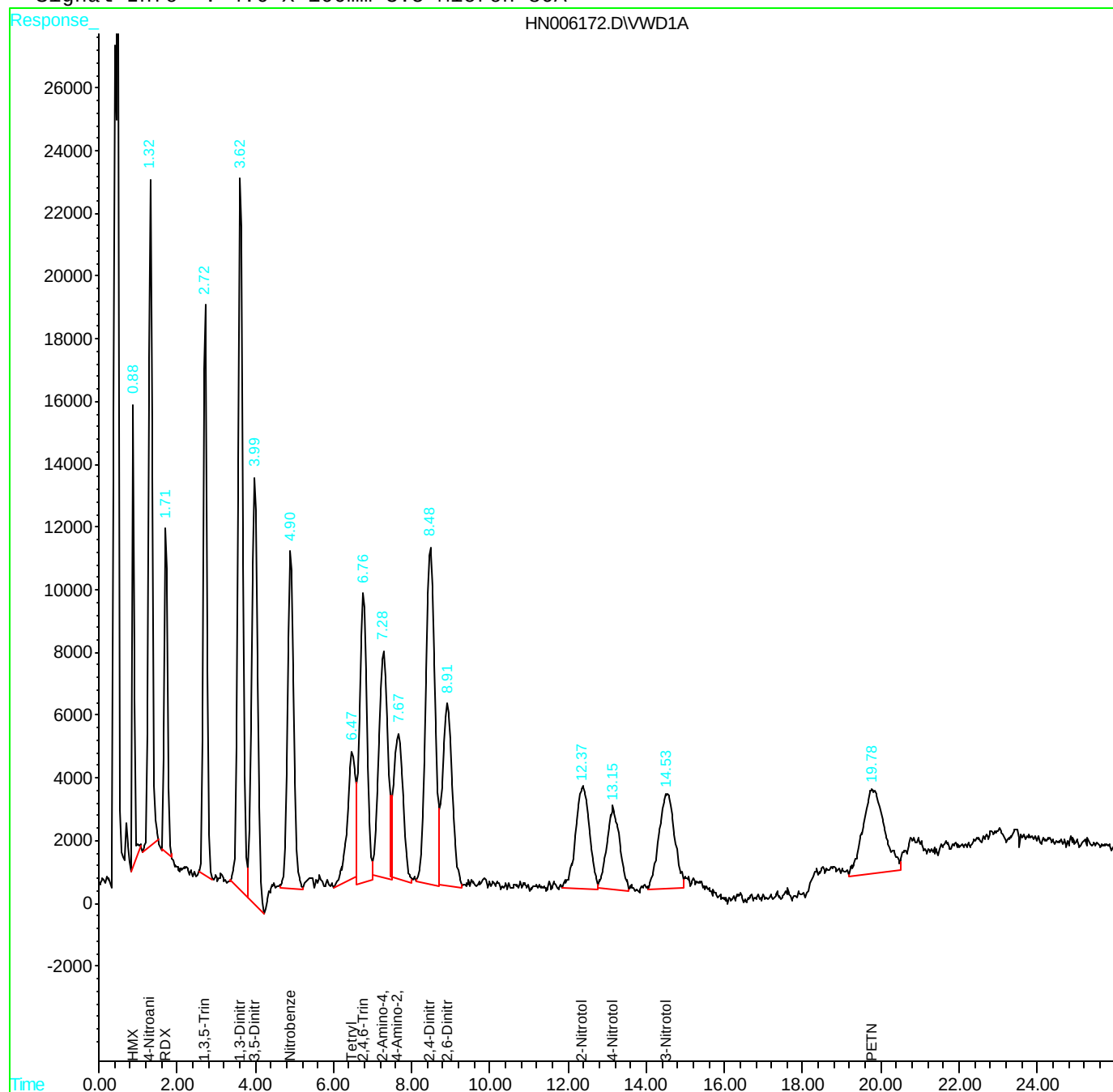
Instrument :
HPLC_N
ClientSampleId :
LOQ WATER 2014-02

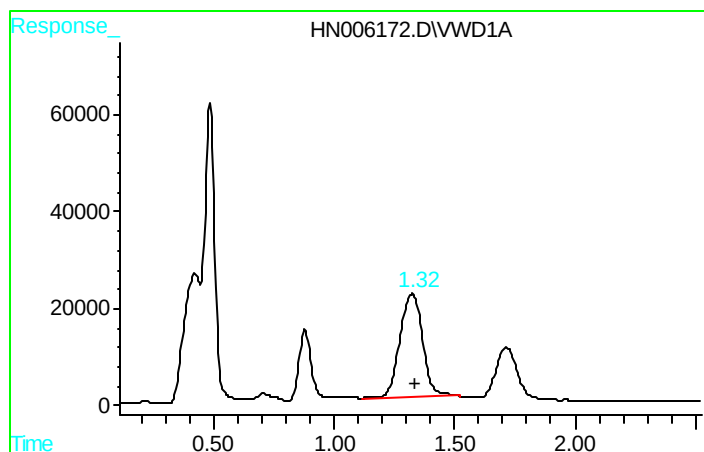
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN071714.M
Title :
Last Update : Thu Jul 17 17:06:08 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





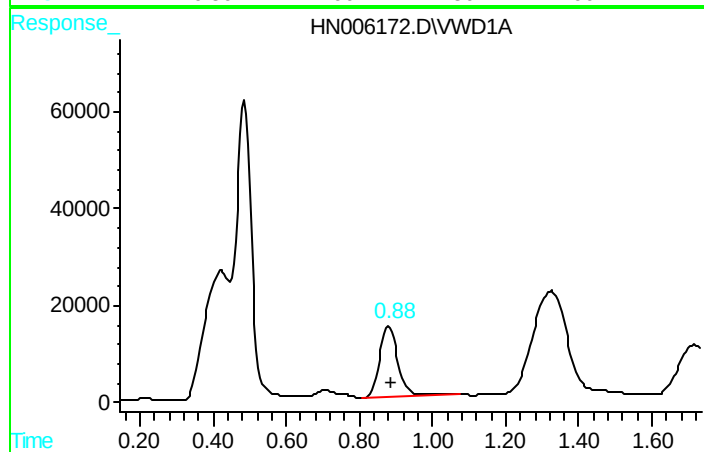
#1 4-Nitroaniline

R.T.: 1.325 min
Delta R.T.: -0.012 min
Response: 1386567
Conc: 314.82 ug/L

Instrument :
HPLC_N
ClientSampleId :
LOQ WATER 2014-02

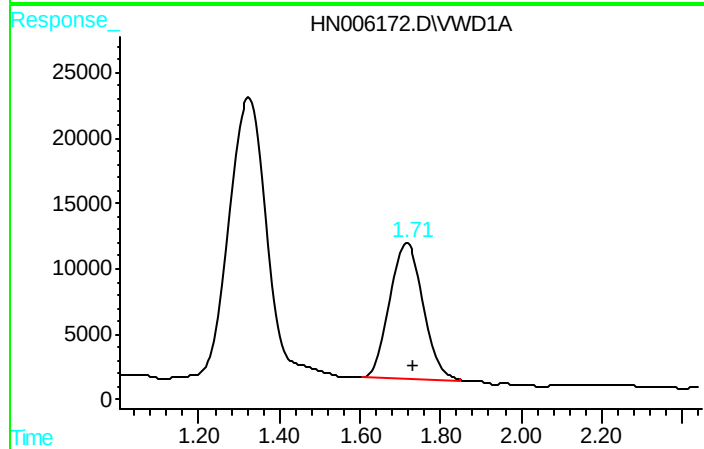
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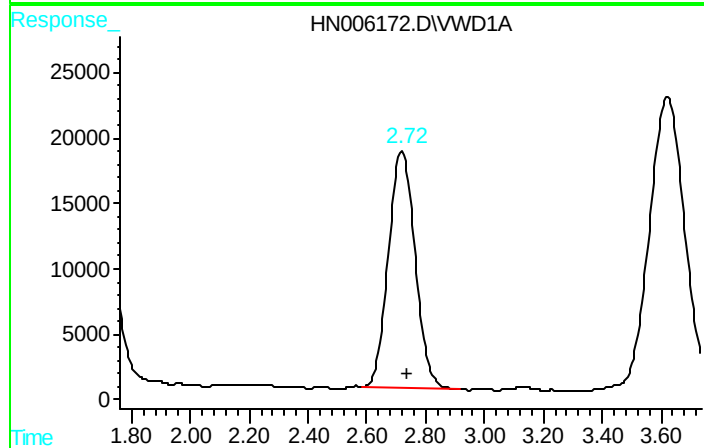
#2 HMX

R.T.: 0.881 min
Delta R.T.: -0.006 min
Response: 512848
Conc: 97.83 ug/L



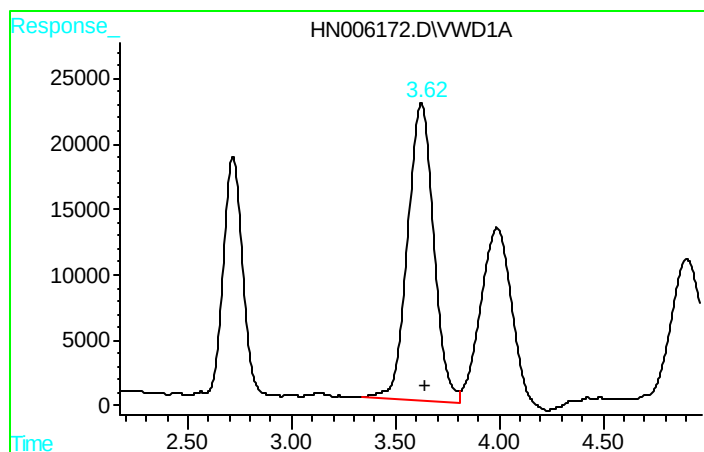
#3 RDX

R.T.: 1.714 min
Delta R.T.: -0.016 min
Response: 612844
Conc: 109.48 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.719 min
Delta R.T.: -0.017 min
Response: 1152482
Conc: 104.40 ug/L



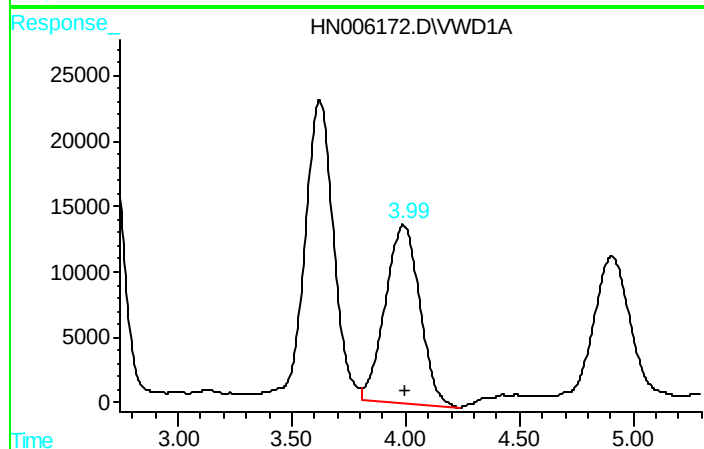
#5 1,3-Dinitrobenzene

R.T.: 3.623 min
Delta R.T.: -0.016 min
Response: 1955939
Conc: 116.49 ng/ml

Instrument :
HPLC_N
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LOQ WATER 2014-02

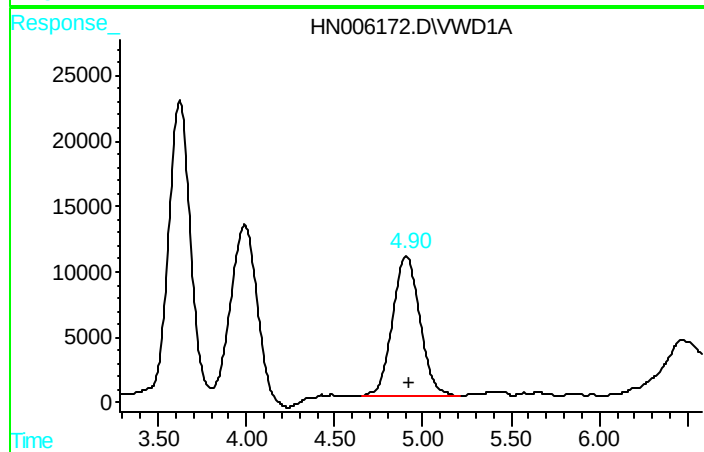
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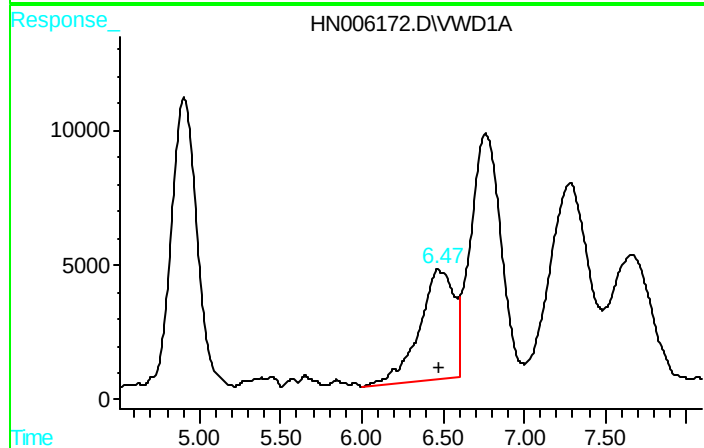
#6 3,5-Dinitroaniline

R.T.: 3.991 min
Delta R.T.: -0.007 min
Response: 1440731
Conc: 106.91 ug/L



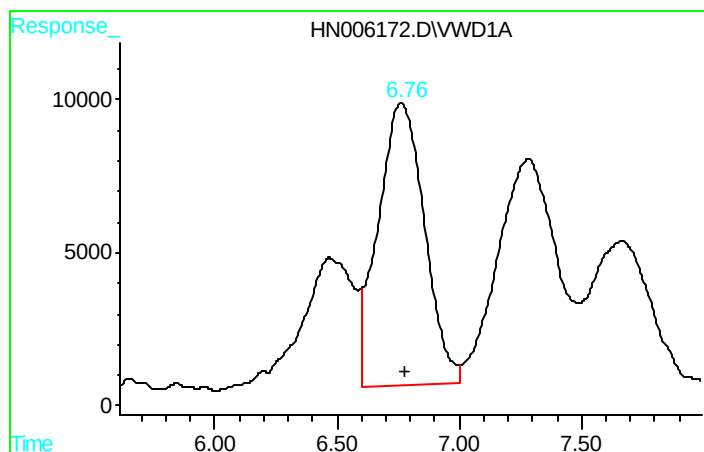
#7 Nitrobenzene

R.T.: 4.903 min
Delta R.T.: -0.016 min
Response: 1169702
Conc: 113.71 ug/L m



#8 Tetryl

R.T.: 6.465 min
Delta R.T.: -0.011 min
Response: 620800
Conc: 79.86 ug/L m



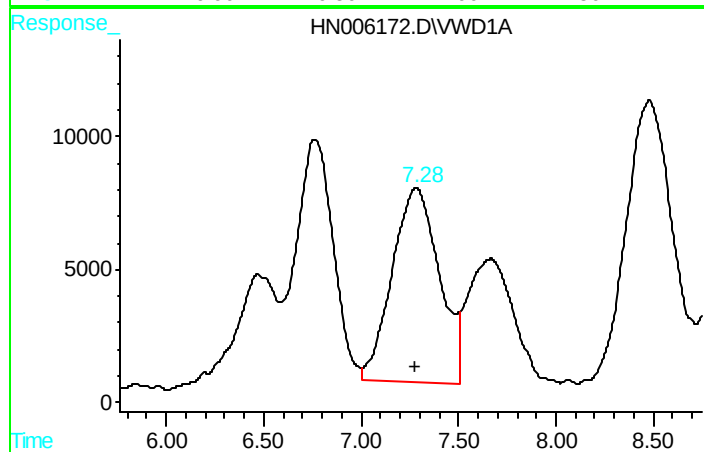
#9 2,4,6-Trinitrotoluene

R.T.: 6.761 min
Delta R.T.: -0.016 min
Response: 1212117
Conc: 114.57 ug/L m

Instrument :
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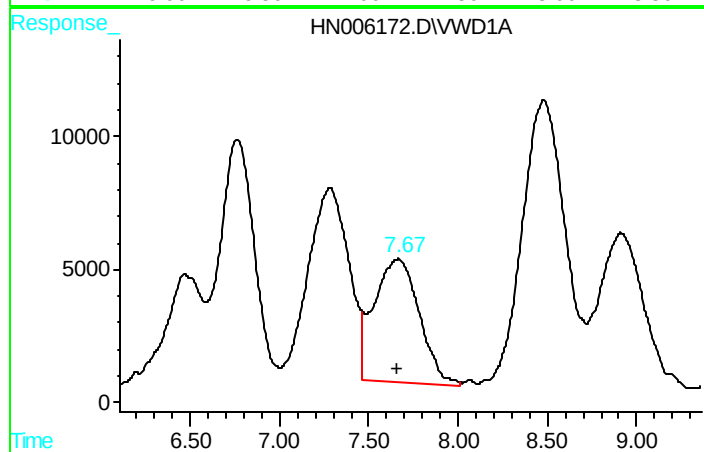
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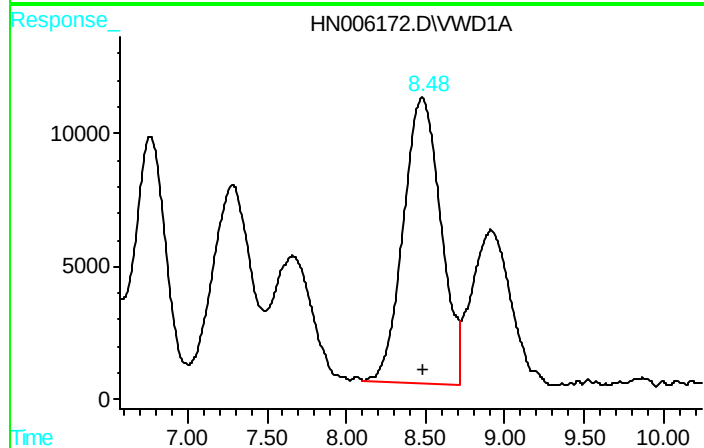
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.283 min
Delta R.T.: 0.010 min
Response: 1220359
Conc: 107.04 ug/L m



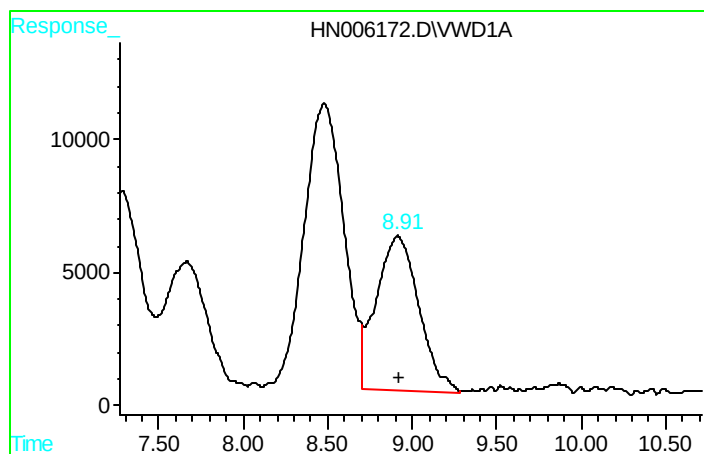
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.665 min
Delta R.T.: 0.013 min
Response: 812687
Conc: 117.26 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.477 min
Delta R.T.: -0.010 min
Response: 1770829
Conc: 111.74 ug/L m



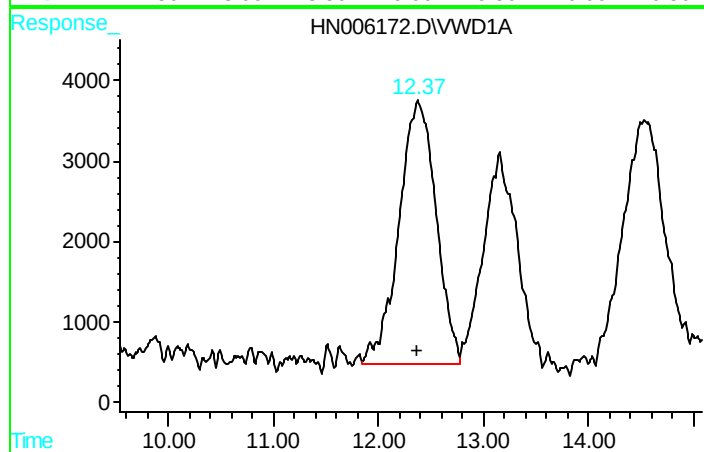
#13 2,6-Dinitrotoluene

R.T.: 8.910 min
Delta R.T.: -0.009 min
Response: 1021277
Conc: 119.72 ug/L m

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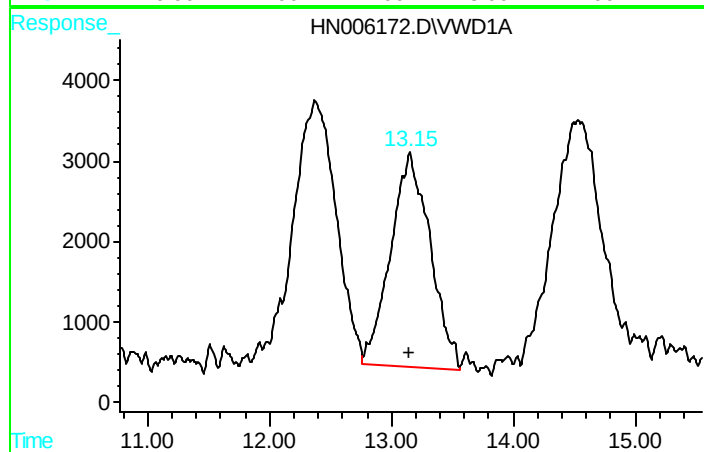
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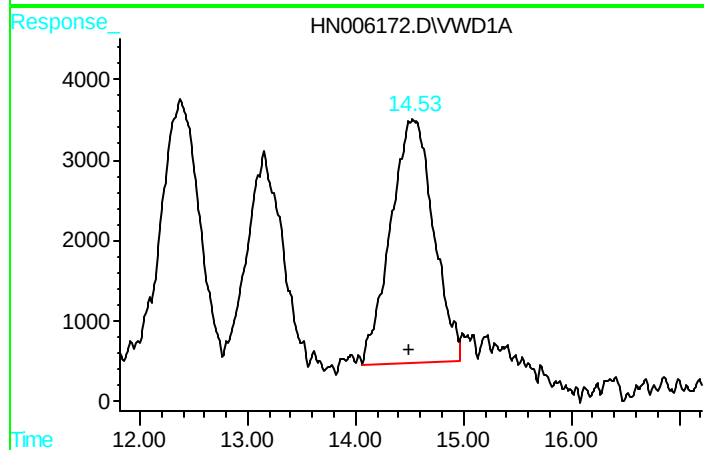
#14 2-Nitrotoluene

R.T.: 12.370 min
Delta R.T.: 0.013 min
Response: 803072
Conc: 116.70 ug/L m



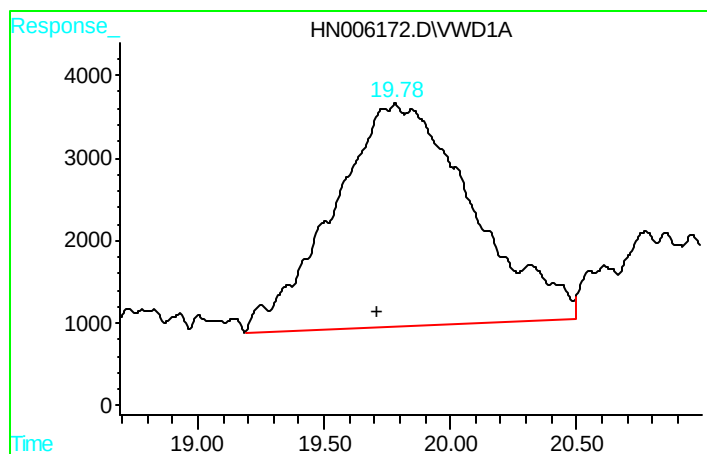
#15 4-Nitrotoluene

R.T.: 13.150 min
Delta R.T.: 0.003 min
Response: 602596
Conc: 108.65 ug/L m



#16 3-Nitrotoluene

R.T.: 14.531 min
Delta R.T.: 0.036 min
Response: 836258
Conc: 117.03 ug/L m



#17 PETN

R.T.: 19.781 min
Delta R.T.: 0.071 min
Response: 1028512
Conc: 116.12 ug/L m

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