

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006325.D\VWD1A.CH Vial:
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006325.D\VWD1A.CH
 Acq On : 15-Oct-2014, 23:07 Operator: HNP
 Sample : F4244-08MS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 11:28 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-GW09-1014MS

Manual Integrations
 APPROVED

mohammad
 10/21/2014 10:20:35 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Fri Oct 03 10:34:01 2014
 Response via : Initial Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:
 Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.32	1091709	274.677 ug/L m
Target Compounds			
2) T HMX	0.88	920614	190.351 ug/L m
3) T RDX	1.71	1200409	218.951 ug/L
4) T 1,3,5-Trinitrobenzene	2.69	2208067	205.891 ug/L m
5) T 1,3-Dinitrobenzene	3.57	3495034	213.447 ng/ml
6) T 3,5-Dinitroaniline	3.93	2536394	217.664 ug/L
7) T Nitrobenzene	4.83	2099826	209.543 ug/L
8) T Tetryl	6.34	1656227	259.752 ug/L m
9) T 2,4,6-Trinitrotoluene	6.62	2224811	207.209 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.13	2277965	196.726 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.50	1415169	231.875 ug/L m
12) T 2,4-Dinitrotoluene	8.29	3256013	211.465 ug/L m
13) T 2,6-Dinitrotoluene	8.71	1833810	216.361 ug/L m
14) T 2-Nitrotoluene	12.06	1365337	203.864 ug/L m
15) T 4-Nitrotoluene	12.85	1135130	207.366 ug/L m
16) T 3-Nitrotoluene	14.17	1430881	205.536 ug/L m
17) T PETN	19.30	1834930	222.947 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.

HN006325.D HN100214.M

Fri Oct 17 19:07:15 2014

RPT1

Quantitation Report

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006325.D\VWD1A.CH Vial: 1
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006325.D\VWD1A.CH
 Acq On : 15-Oct-2014, 23:07 Operator: HNP
 Sample : F4244-08MS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 11:28 2014 Quant Results File: HN100214.RES

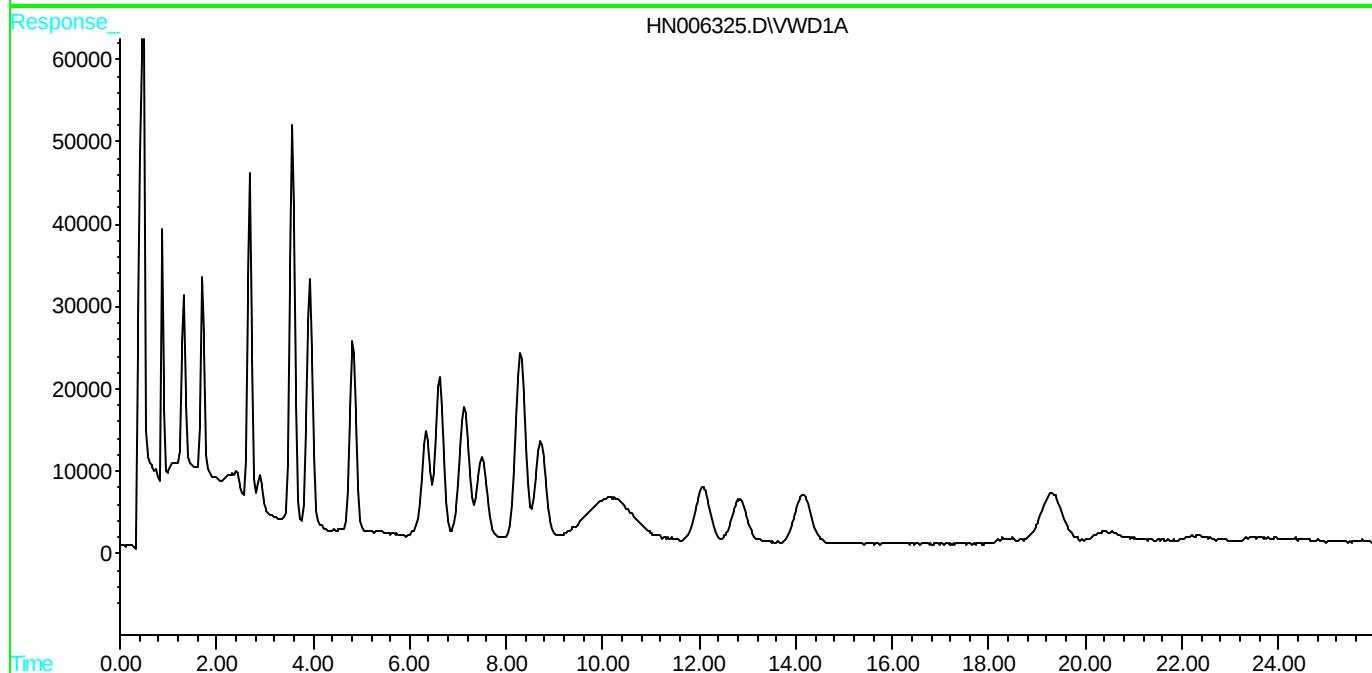
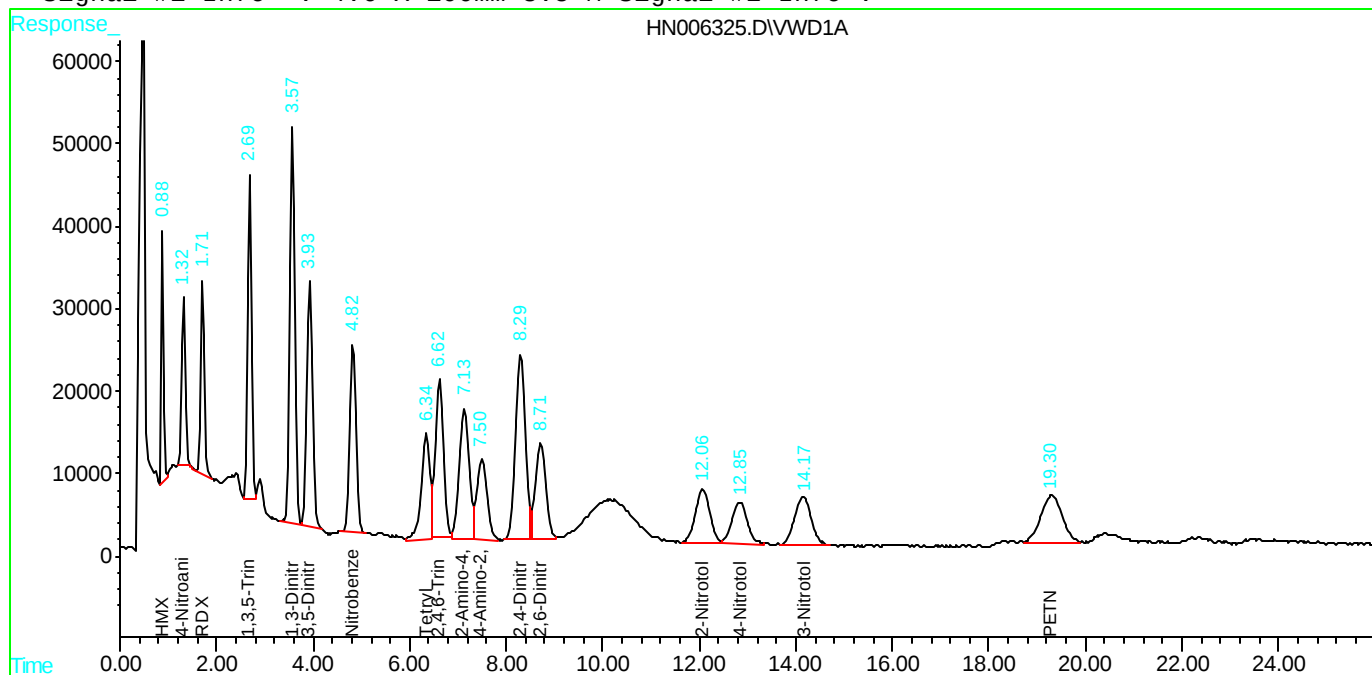
Instrument :
 HPLC_N
 ClientSampleId :
 YS19-GW09-1014MS

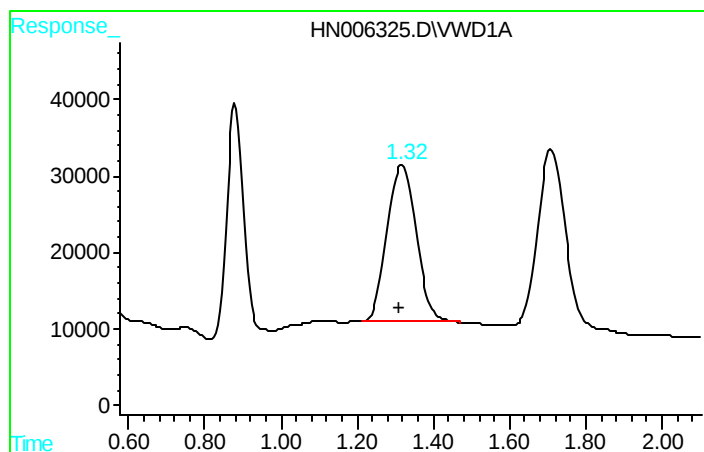
Manual Integrations
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 10/21/2014 10:20:35 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Fri Oct 03 10:34:01 2014
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:
 Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :





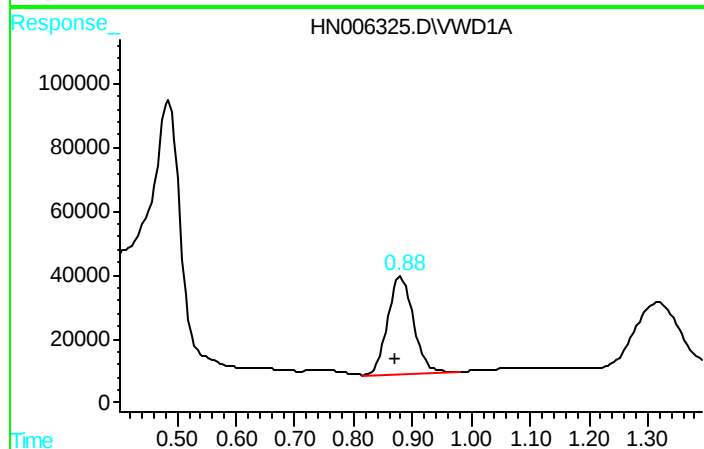
#1 4-Nitroaniline

R.T.: 1.317 min
Delta R.T.: 0.009 min
Response: 1091709
Conc: 274.68 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-GW09-1014MS

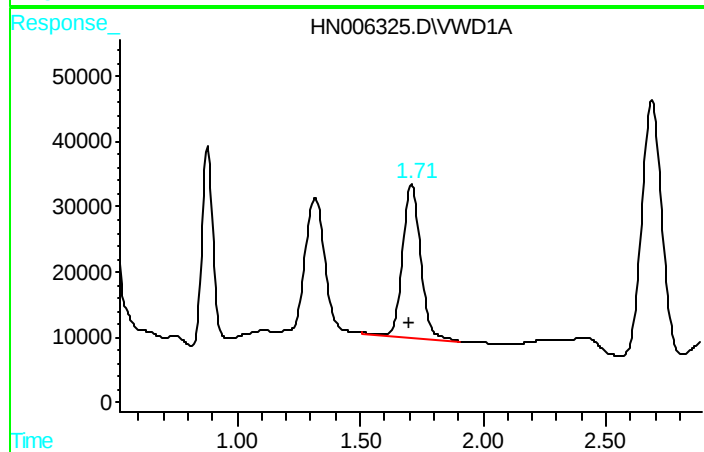
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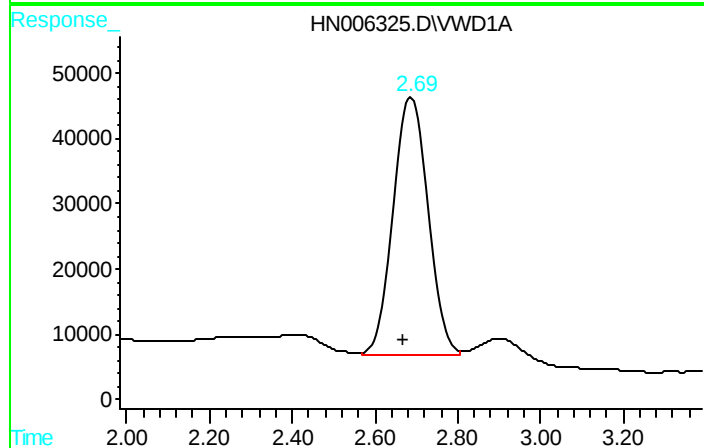
#2 HMX

R.T.: 0.878 min
Delta R.T.: 0.008 min
Response: 920614
Conc: 190.35 ug/L m



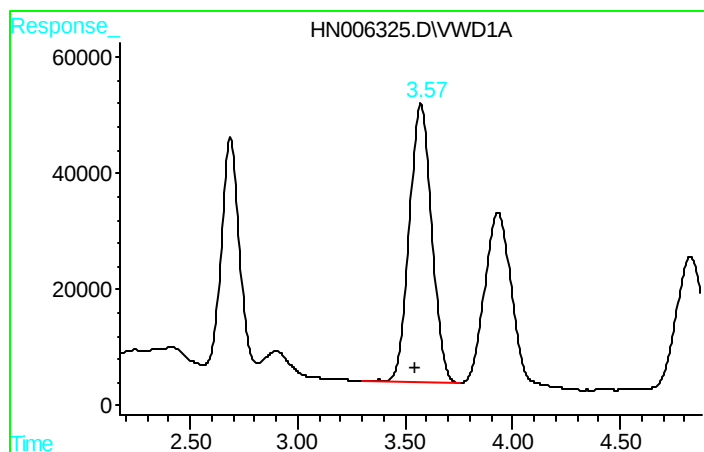
#3 RDX

R.T.: 1.710 min
Delta R.T.: 0.015 min
Response: 1200409
Conc: 218.95 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.685 min
Delta R.T.: 0.020 min
Response: 2208067
Conc: 205.89 ug/L m



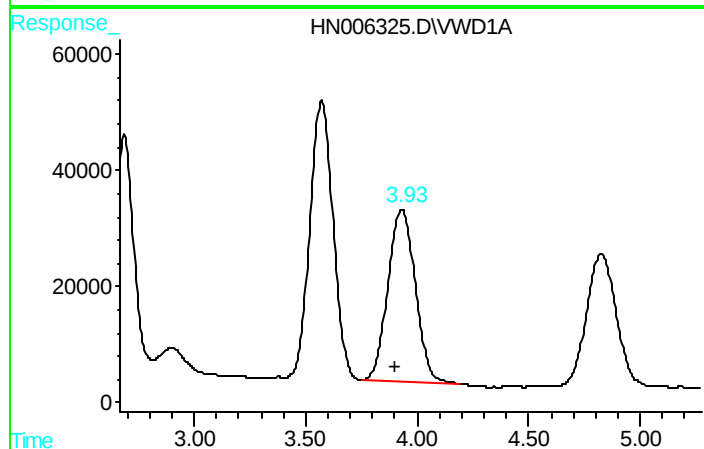
#5 1,3-Dinitrobenzene

R.T.: 3.573 min
Delta R.T.: 0.027 min
Response: 3495034
Conc: 213.45 ng/ml

Instrument :
HPLC_N
ClientSampleId :
YS19-GW09-1014MS

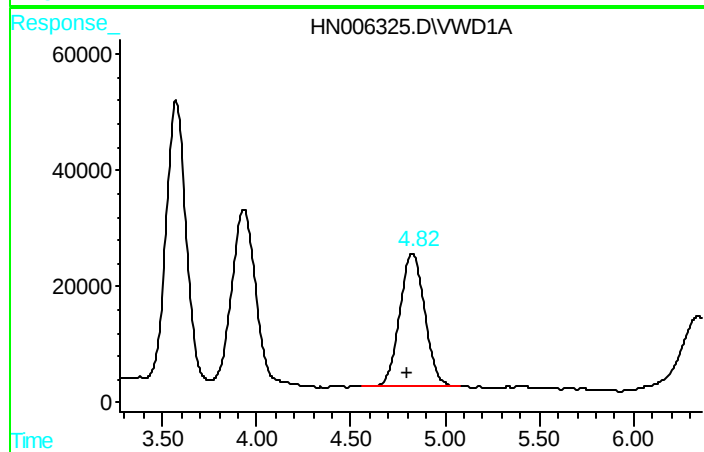
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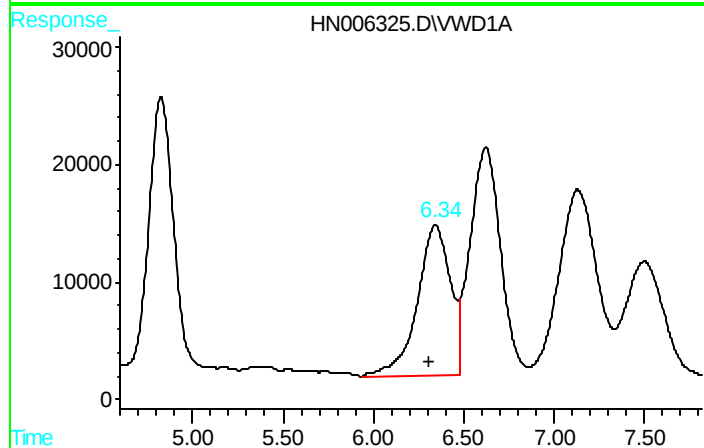
#6 3,5-Dinitroaniline

R.T.: 3.932 min
Delta R.T.: 0.030 min
Response: 2536394
Conc: 217.66 ug/L



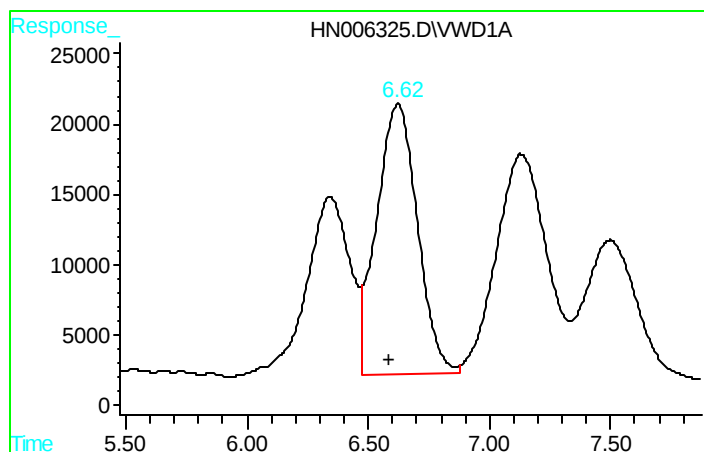
#7 Nitrobenzene

R.T.: 4.826 min
Delta R.T.: 0.032 min
Response: 2099826
Conc: 209.54 ug/L



#8 Tetryl

R.T.: 6.342 min
Delta R.T.: 0.030 min
Response: 1656227
Conc: 259.75 ug/L m



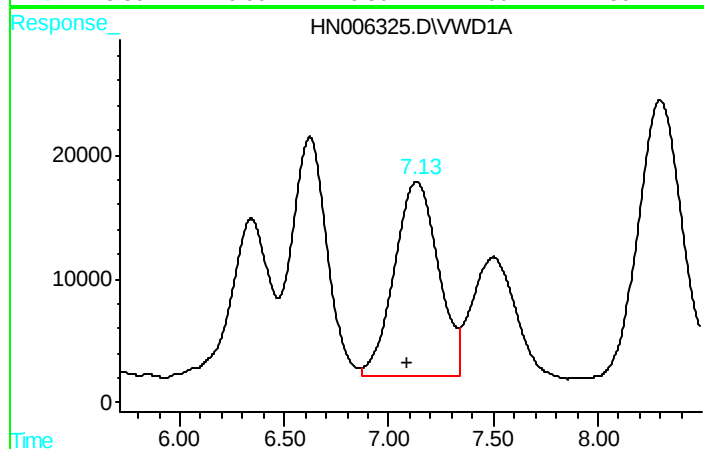
#9 2,4,6-Trinitrotoluene

R.T.: 6.622 min
Delta R.T.: 0.034 min
Response: 2224811
Conc: 207.21 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-GW09-1014MS

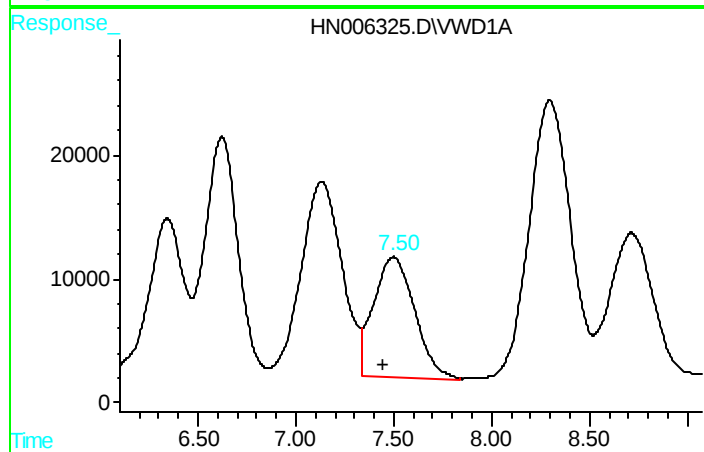
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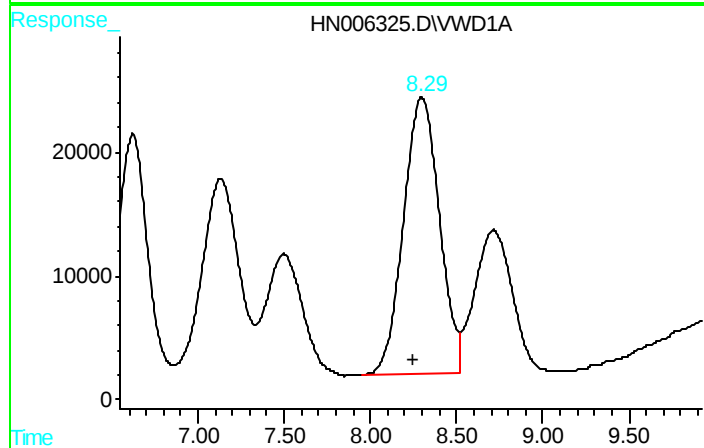
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.127 min
Delta R.T.: 0.038 min
Response: 2277965
Conc: 196.73 ug/L m



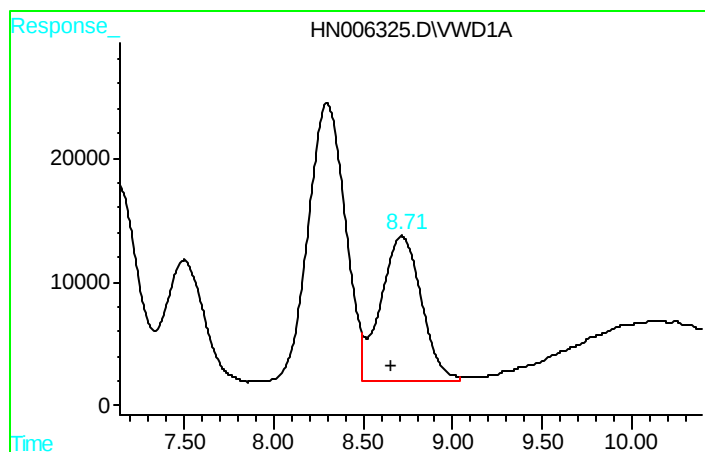
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.500 min
Delta R.T.: 0.059 min
Response: 1415169
Conc: 231.88 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.294 min
Delta R.T.: 0.053 min
Response: 3256013
Conc: 211.46 ug/L m



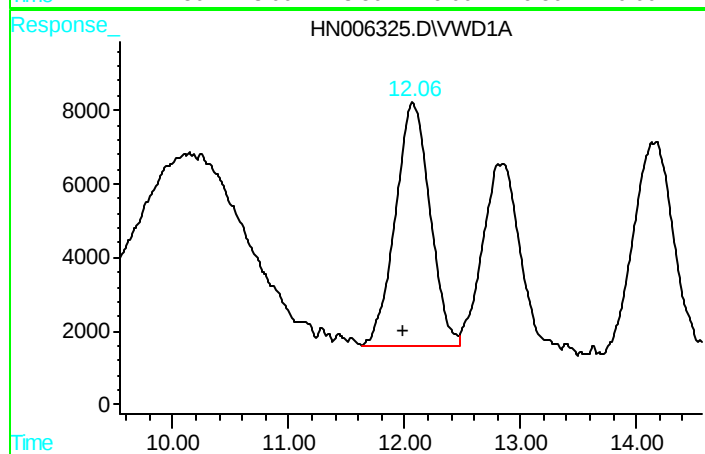
#13 2,6-Dinitrotoluene

R.T.: 8.714 min
Delta R.T.: 0.060 min
Response: 1833810
Conc: 216.36 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-GW09-1014MS

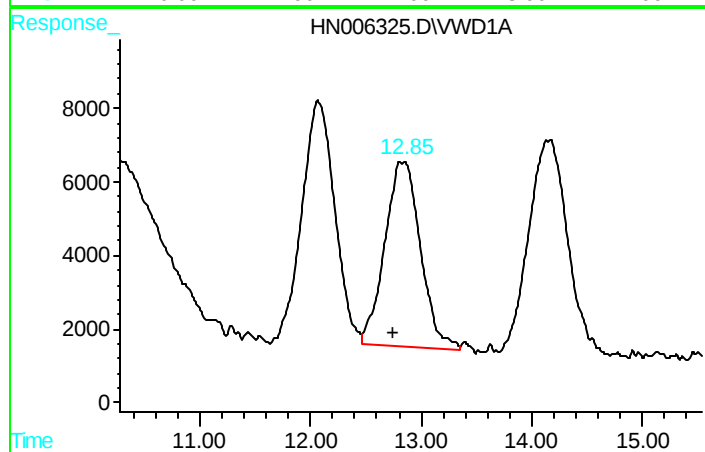
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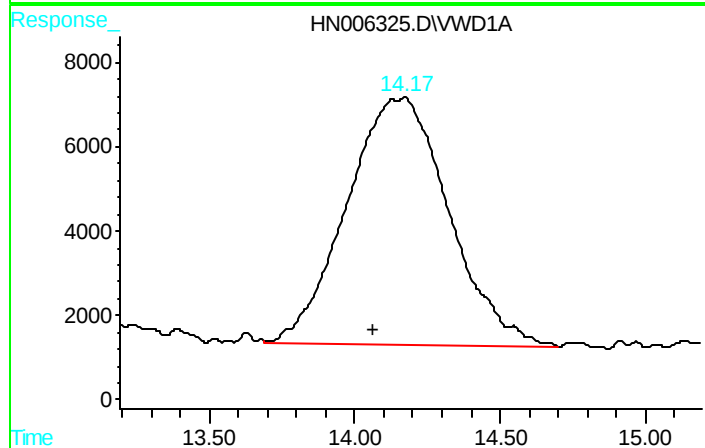
#14 2-Nitrotoluene

R.T.: 12.064 min
Delta R.T.: 0.075 min
Response: 1365337
Conc: 203.86 ug/L m



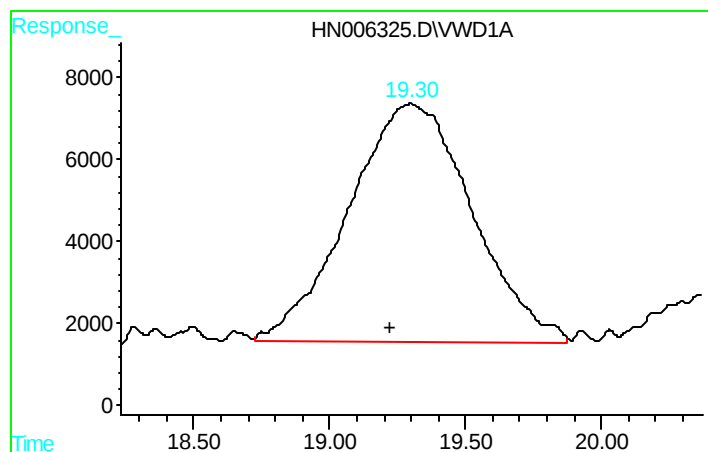
#15 4-Nitrotoluene

R.T.: 12.853 min
Delta R.T.: 0.106 min
Response: 1135130
Conc: 207.37 ug/L m



#16 3-Nitrotoluene

R.T.: 14.172 min
Delta R.T.: 0.108 min
Response: 1430881
Conc: 205.54 ug/L m



#17 PETN

R.T.: 19.299 min
Delta R.T.: 0.075 min
Response: 1834930
Conc: 222.95 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-GW09-1014MS

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