

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006929.D\VWD1A.CH Vial: 47
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006929.D\VWD1A.CH
 Acq On : 01-Nov-2014, 12:56 Operator: TP
 Sample : F4379-01MS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 2 2:49 2014 Quant Results File: HN103114.RES

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SS32-1014MS

Manual Integrations
 APPROVED

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 11/14/2014 10:34:19 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
 Title :
 Last Update : Sat Nov 01 07:07:53 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	1.30	548021	150.752 ug/L m
Target Compounds			
2) T HMX	0.87	649168	148.883 ug/L
3) T RDX	1.69	621964	121.587 ug/L m
4) T 1,3,5-Trinitrobenzene	2.67	1199789	117.211 ug/L
5) T 1,3-Dinitrobenzene	3.54	2009706	127.179 ng/ml
6) T 3,5-Dinitroaniline	3.91	1479348	131.919 ug/L
7) T Nitrobenzene	4.77	1207913	126.814 ug/L m
8) T Tetryl	6.29	606928	123.206 ug/L m
9) T 2,4,6-Trinitrotoluene	6.55	1432136	141.234 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.09	1295627	115.761 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.43	837674	147.619 ug/L m
12) T 2,4-Dinitrotoluene	8.22	1812862	122.242 ug/L m
13) T 2,6-Dinitrotoluene	8.62	1007002	125.602 ug/L m
14) T 2-Nitrotoluene	11.94	827571	130.760 ug/L m
15) T 4-Nitrotoluene	12.69	645879	126.972 ug/L m
16) T 3-Nitrotoluene	14.01	832803	123.082 ug/L m
17) T PETN	19.11	1294759	154.333 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.

HN006929.D HN103114.M Sat Nov 08 04:43:42 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006929.D\VWD1A.CH Vial: 47
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006929.D\VWD1A.CH
Acq On : 01-Nov-2014, 12:56 Operator: TP
Sample : F4379-01MS Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Nov 2 2:49 2014 Quant Results File: HN103114.RES

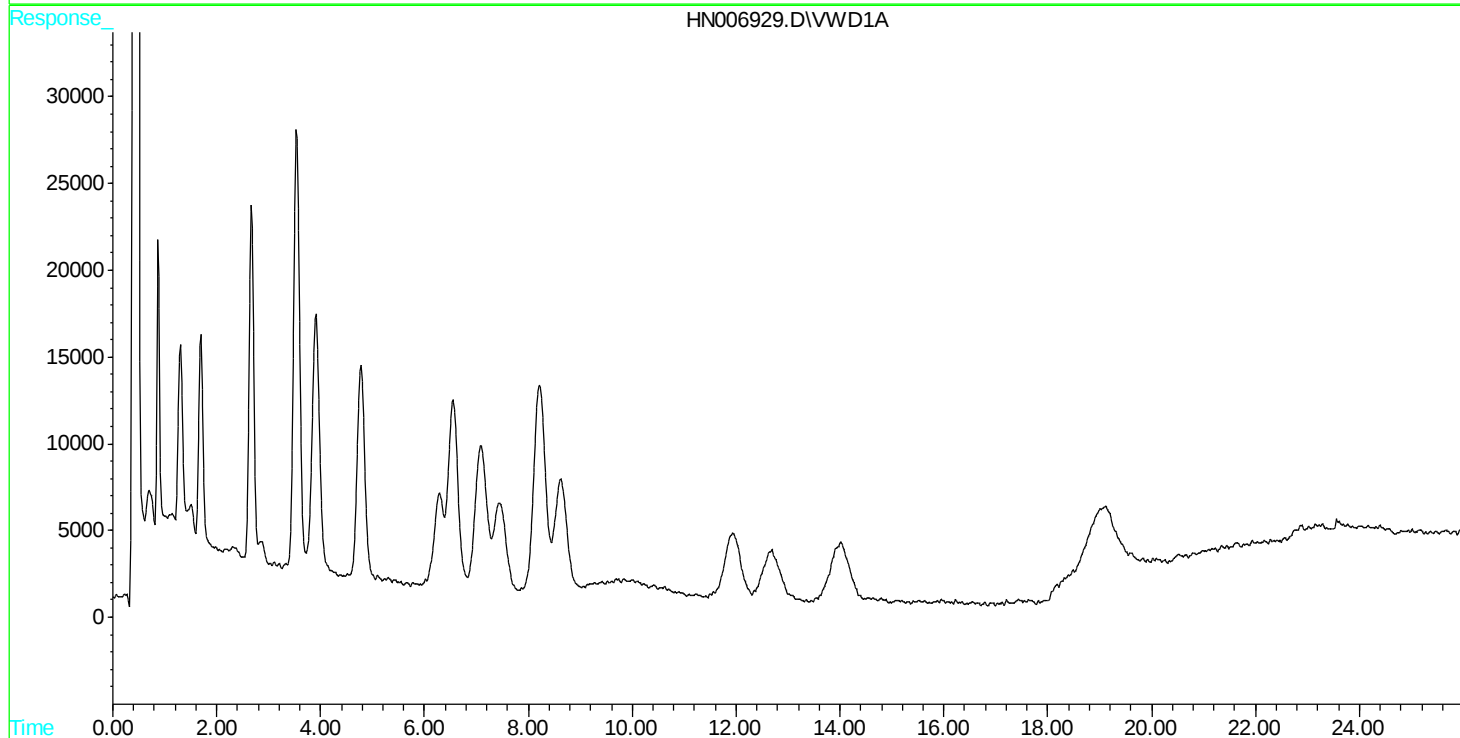
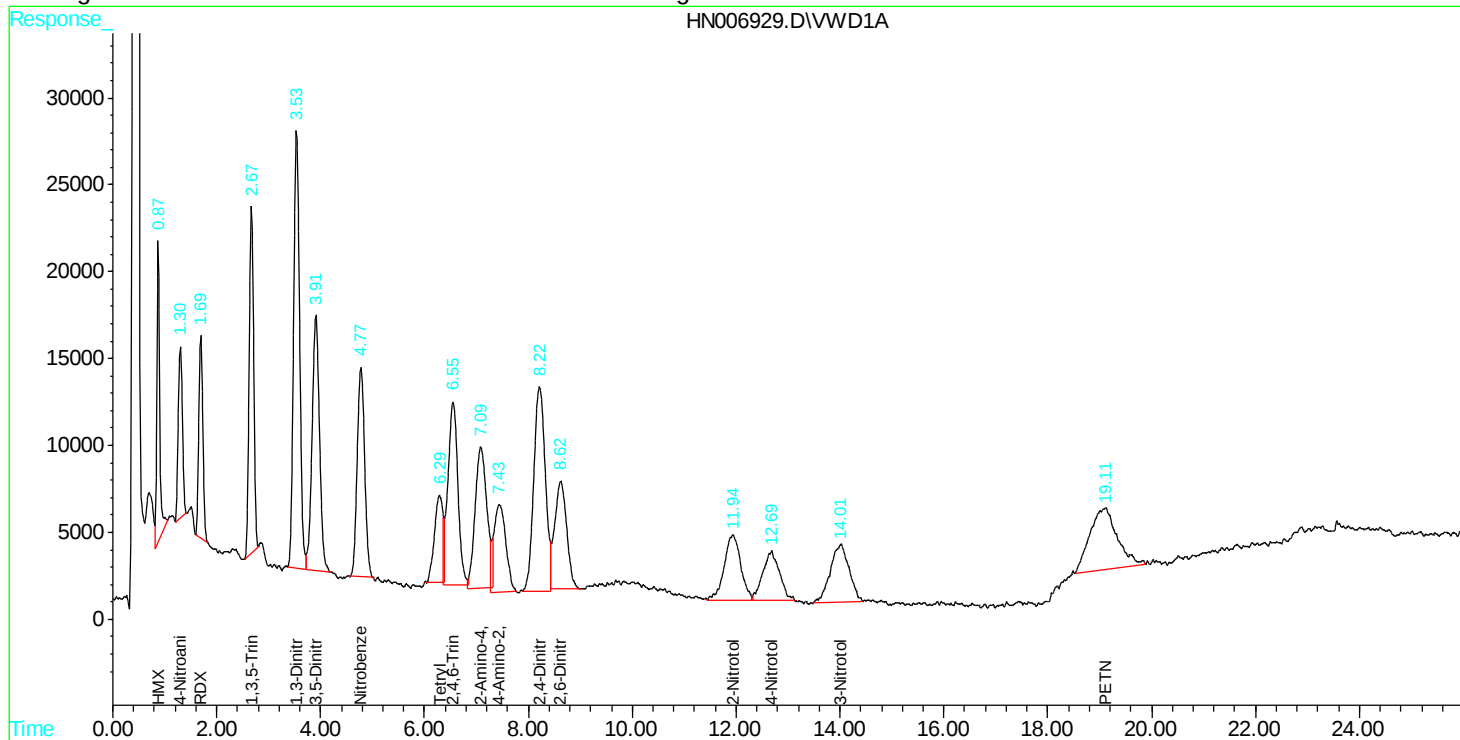
Instrument :
HPLC_N
ClientSampleId :
YS19-SS32-1014MS

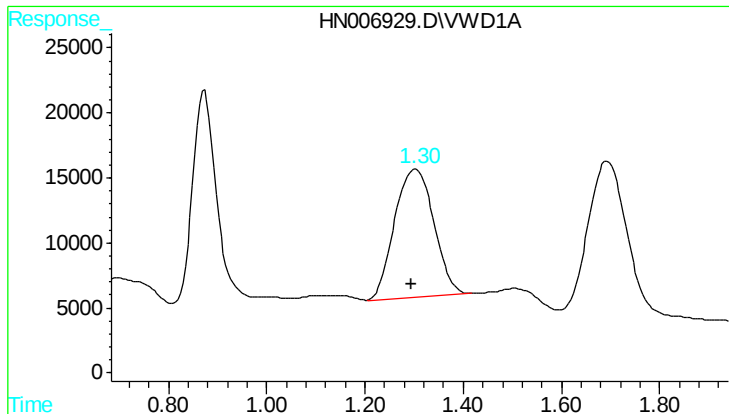
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
Title :
Last Update : Sat Nov 01 07:07:53 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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 :





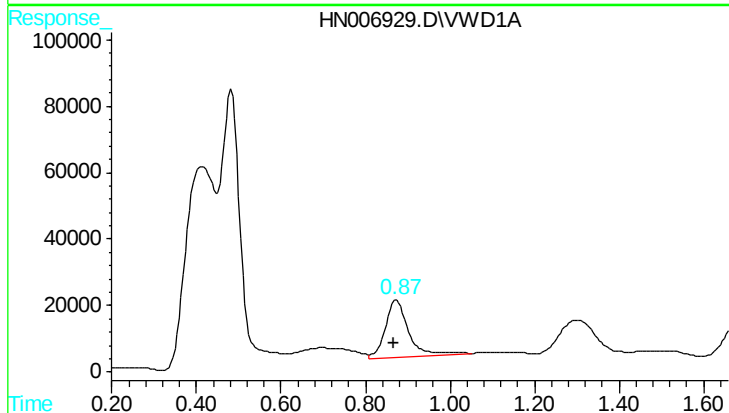
#1 4-Nitroaniline

R.T.: 1.301 min
Delta R.T.: 0.005 min
Response: 548021
Conc: 150.75 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SS32-1014MS

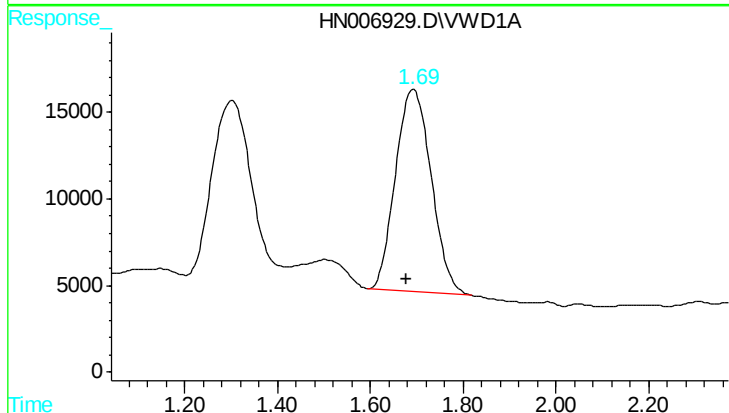
Manual Integrations
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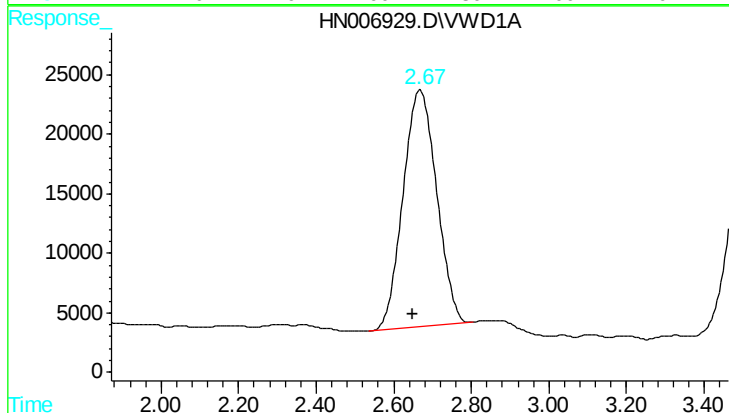
#2 HMX

R.T.: 0.873 min
Delta R.T.: 0.008 min
Response: 649168
Conc: 148.88 ug/L



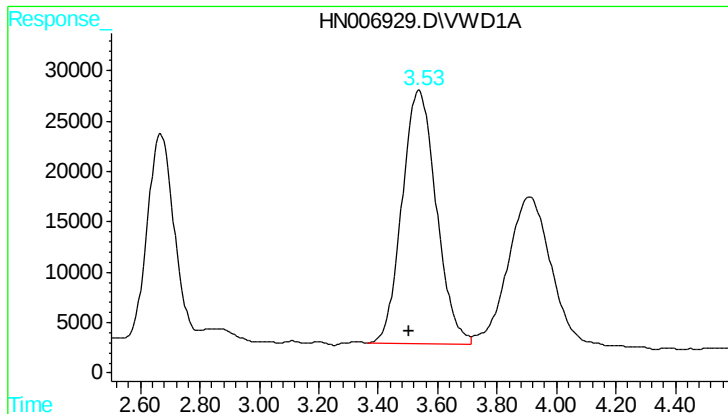
#3 RDX

R.T.: 1.691 min
Delta R.T.: 0.013 min
Response: 621964
Conc: 121.59 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.668 min
Delta R.T.: 0.021 min
Response: 1199789
Conc: 117.21 ug/L



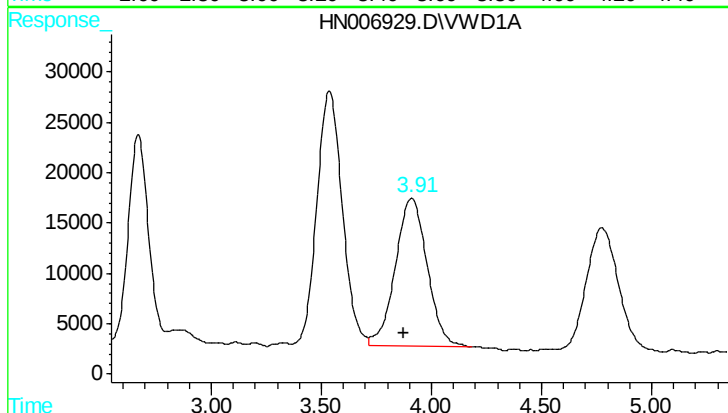
#5 1,3-Dinitrobenzene

R.T.: 3.537 min
Delta R.T.: 0.031 min
Response: 2009706
Conc: 127.18 ng/ml

Instrument :
HPLC_N
ClientSampleId :
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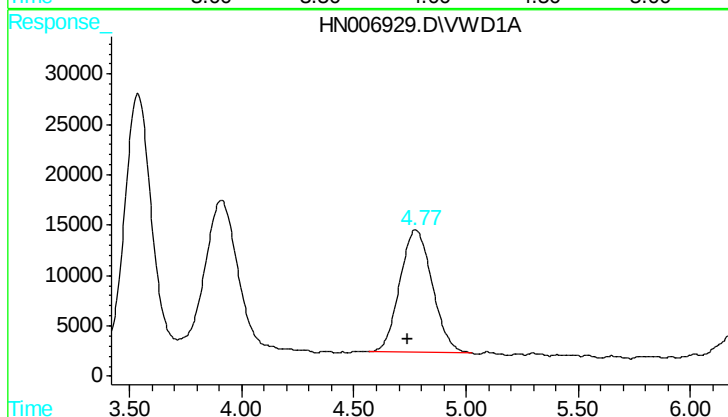
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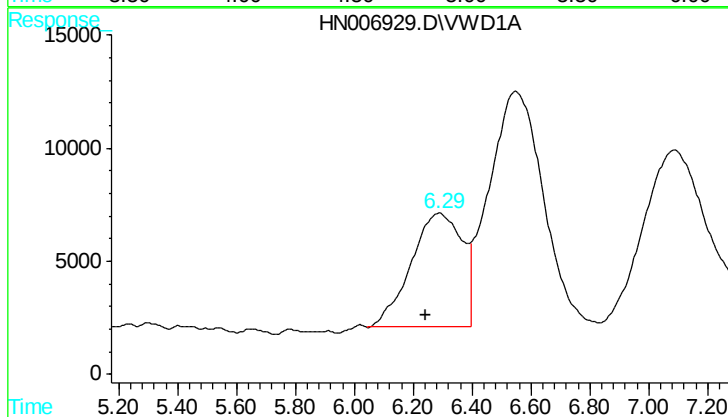
#6 3,5-Dinitroaniline

R.T.: 3.910 min
Delta R.T.: 0.036 min
Response: 1479348
Conc: 131.92 ug/L



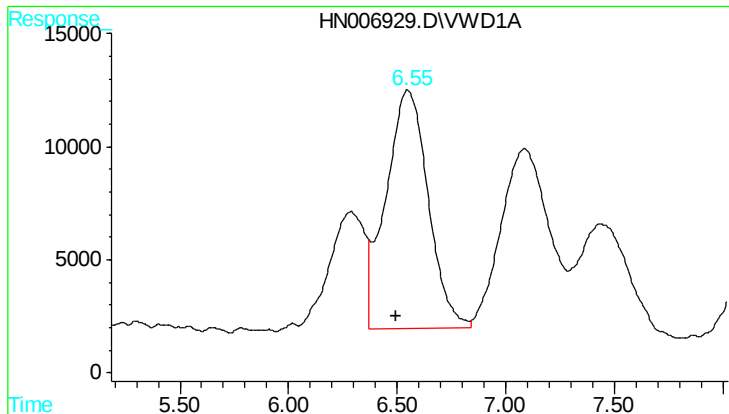
#7 Nitrobenzene

R.T.: 4.774 min
Delta R.T.: 0.037 min
Response: 1207913
Conc: 126.81 ug/L m



#8 Tetryl

R.T.: 6.286 min
Delta R.T.: 0.042 min
Response: 606928
Conc: 123.21 ug/L m



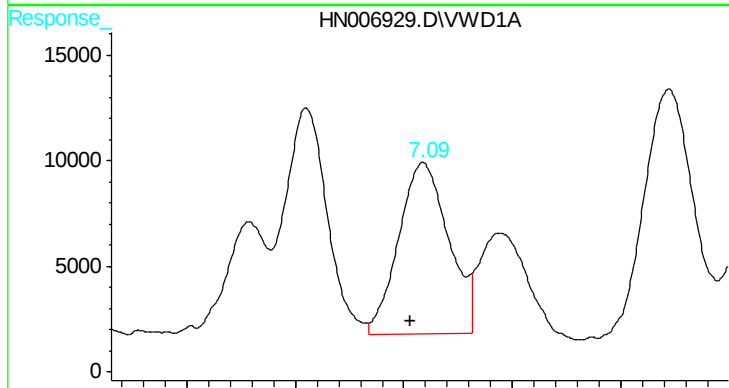
#9 2,4,6-Trinitrotoluene

R.T.: 6.547 min
Delta R.T.: 0.051 min
Response: 1432136
Conc: 141.23 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SS32-1014MS

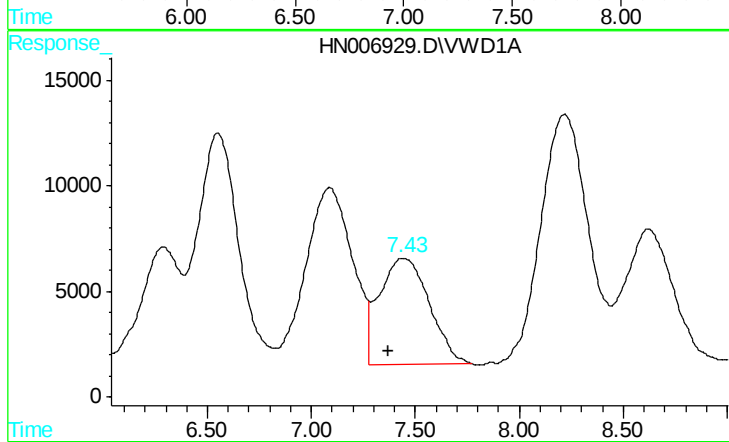
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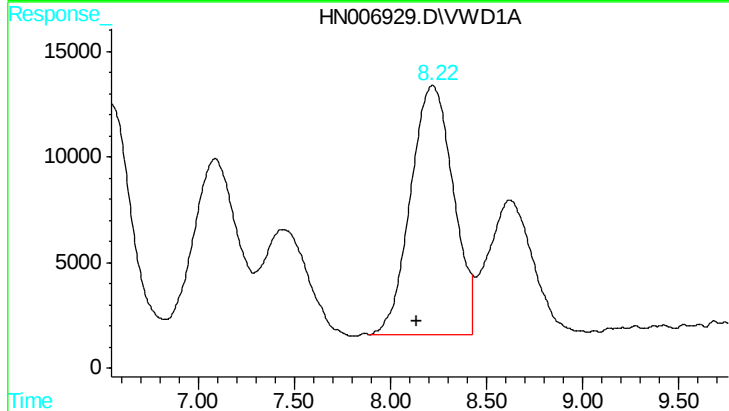
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.086 min
Delta R.T.: 0.059 min
Response: 1295627
Conc: 115.76 ug/L m



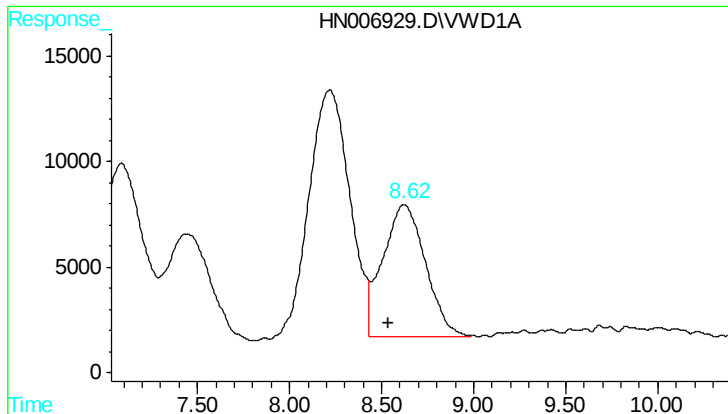
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.434 min
Delta R.T.: 0.064 min
Response: 837674
Conc: 147.62 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.216 min
Delta R.T.: 0.077 min
Response: 1812862
Conc: 122.24 ug/L m



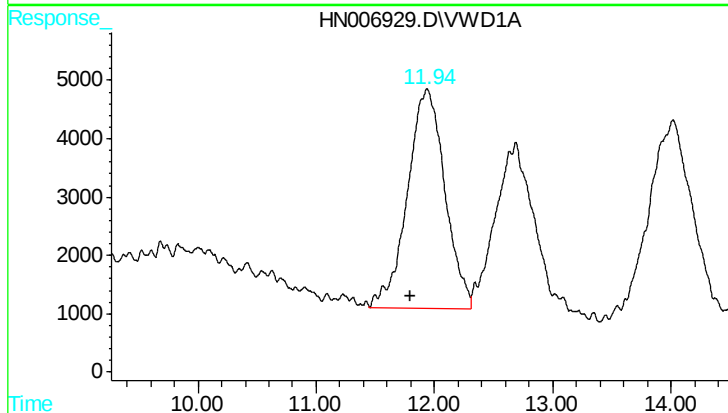
#13 2,6-Dinitrotoluene

R.T.: 8.620 min
Delta R.T.: 0.079 min
Response: 1007002
Conc: 125.60 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SS32-1014MS

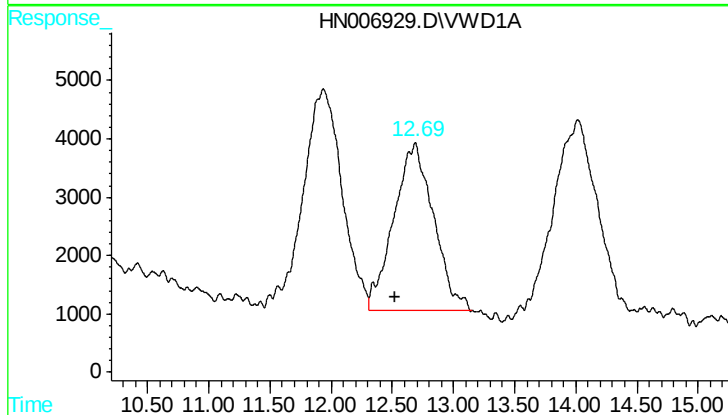
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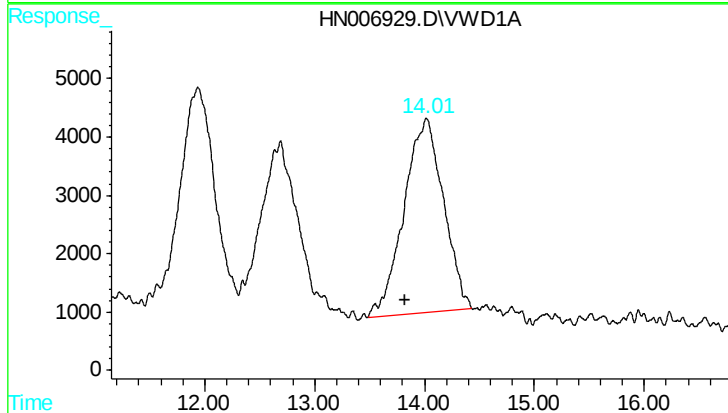
#14 2-Nitrotoluene

R.T.: 11.936 min
Delta R.T.: 0.141 min
Response: 827571
Conc: 130.76 ug/L m



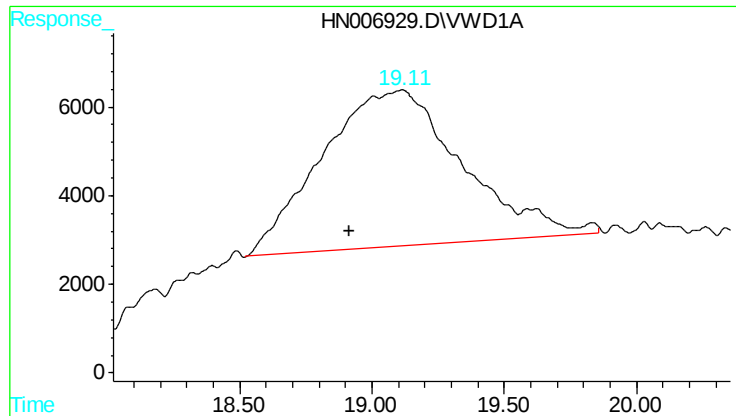
#15 4-Nitrotoluene

R.T.: 12.688 min
Delta R.T.: 0.165 min
Response: 645879
Conc: 126.97 ug/L m



#16 3-Nitrotoluene

R.T.: 14.015 min
Delta R.T.: 0.187 min
Response: 832803
Conc: 123.08 ug/L m



#17 PETN

R.T.: 19.114 min
Delta R.T.: 0.199 min
Response: 1294759
Conc: 154.33 ug/L m

Instrument :
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ClientSampleId :
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