

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006326.D\VWD1A.CH Vial: 25
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006326.D\VWD1A.CH
 Acq On : 15-Oct-2014, 23:35 Operator: HNP
 Sample : F4244-09MSD Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 10:30 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-GW09-1014MSD

Manual Integrations
 APPROVED

mohammad
 10/21/2014 10:20:39 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	1146888	288.560 ug/L
Target Compounds			
2) T HMX	0.88	903945	186.904 ug/L
3) T RDX	1.71	1197479	218.416 ug/L
4) T 1,3,5-Trinitrobenzene	2.69	2118084	197.500 ug/L
5) T 1,3-Dinitrobenzene	3.58	3475182	212.235 ng/ml
6) T 3,5-Dinitroaniline	3.94	2540469	218.013 ug/L
7) T Nitrobenzene	4.83	2093403	208.903 ug/L
8) T Tetryl	6.35	1594738	250.109 ug/L m
9) T 2,4,6-Trinitrotoluene	6.63	2223919	207.126 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.14	2267619	195.832 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.50	1400566	229.483 ug/L m
12) T 2,4-Dinitrotoluene	8.30	3294703	213.978 ug/L m
13) T 2,6-Dinitrotoluene	8.71	1859829	219.431 ug/L m
14) T 2-Nitrotoluene	12.04	1417544	211.659 ug/L m
15) T 4-Nitrotoluene	12.79	1123771	205.291 ug/L m
16) T 3-Nitrotoluene	14.12	1371456	196.999 ug/L m
17) T PETN	19.30	1712461	208.066 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.

HN006326.D HN100214.M Mon Nov 03 03:31:10 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006326.D\VWD1A.CH Vial: 25
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006326.D\VWD1A.CH
Acq On : 15-Oct-2014, 23:35 Operator: HNP
Sample : F4244-09MSD Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 16 10:30 2014 Quant Results File: HN100214.RES

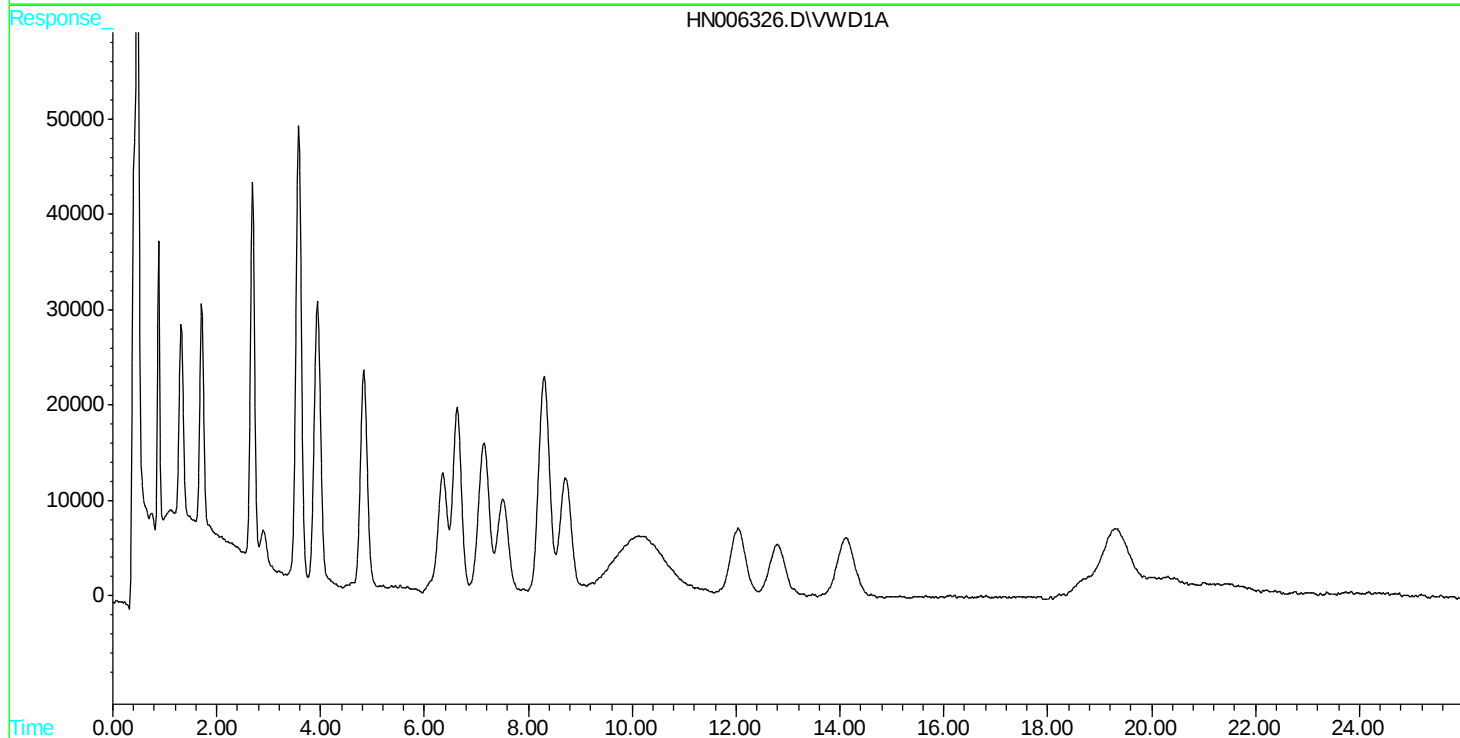
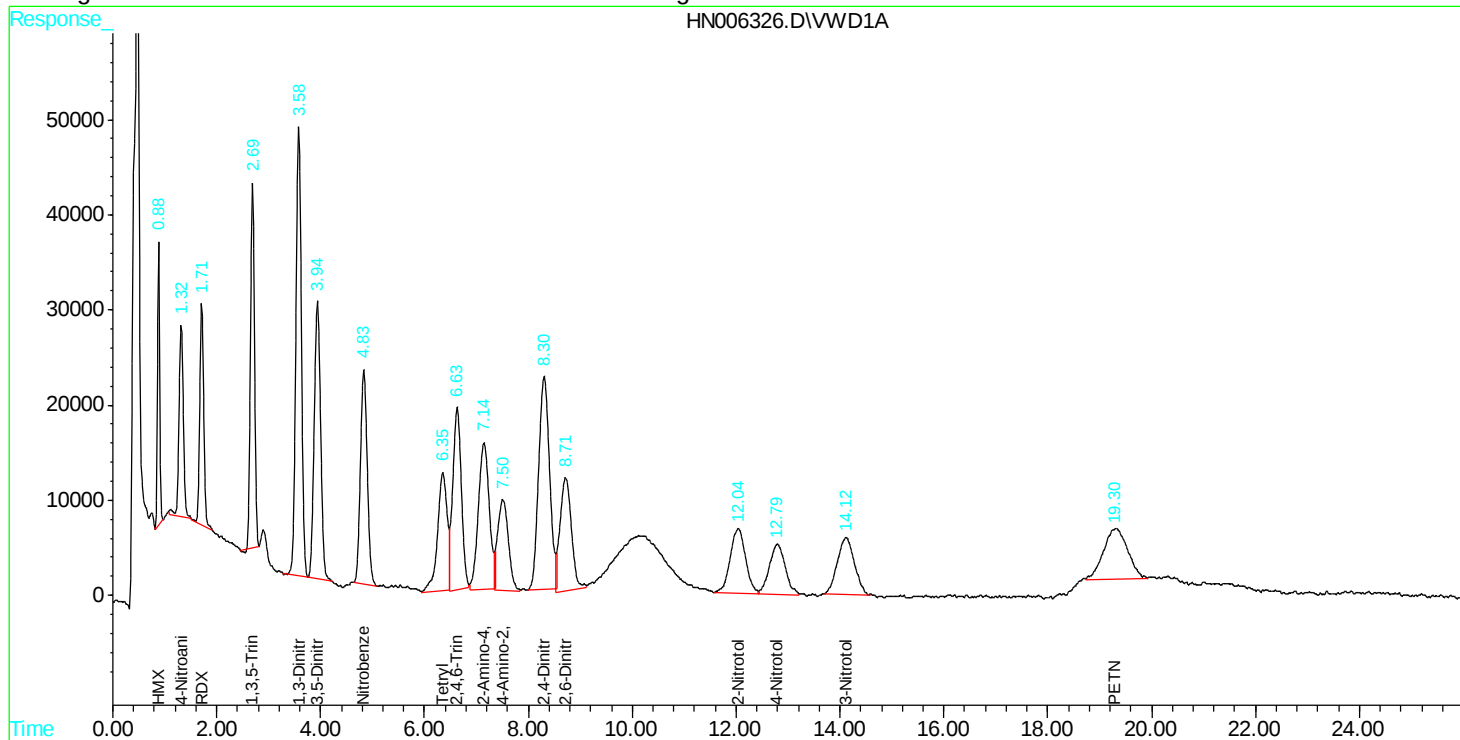
Instrument :
HPLC_N
ClientSampleId :
YS19-GW09-1014MSD

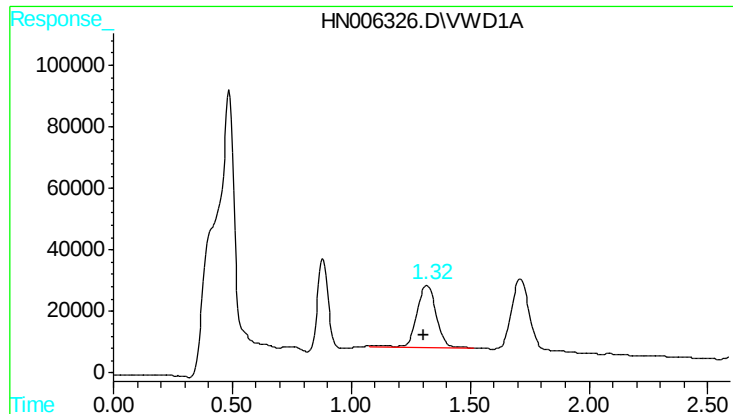
Manual Integrations
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10/21/2014 10:20:39 AM

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 :





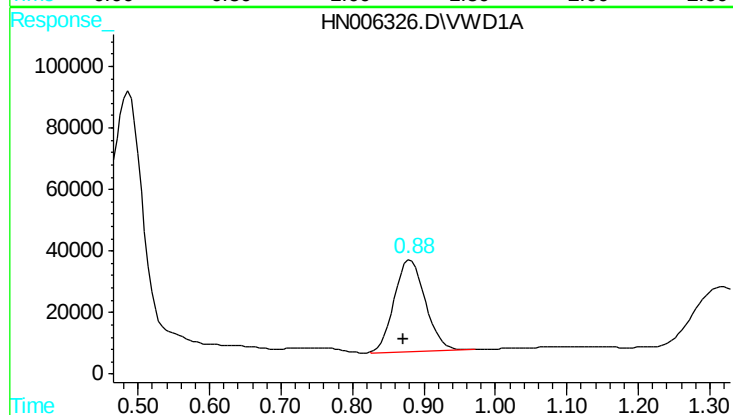
#1 4-Nitroaniline

R.T.: 1.319 min
Delta R.T.: 0.010 min
Response: 1146888
Conc: 288.56 ug/L

Instrument :
HPLC_N
ClientSampleId :
YS19-GW09-1014MSD

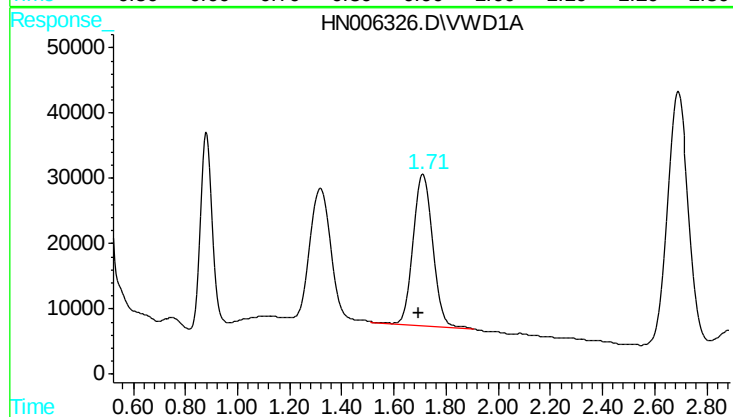
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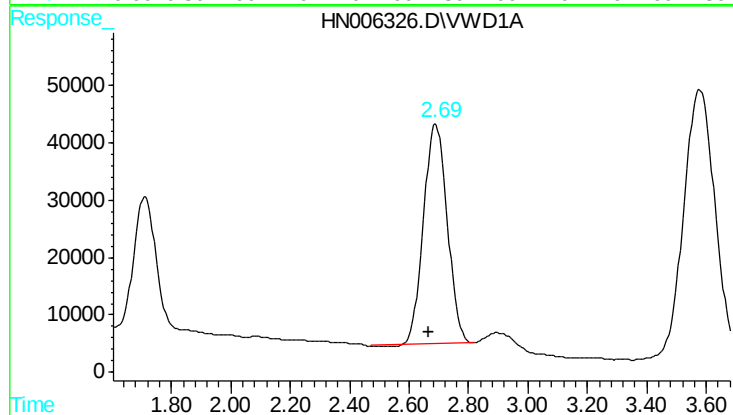
#2 HMX

R.T.: 0.882 min
Delta R.T.: 0.011 min
Response: 903945
Conc: 186.90 ug/L



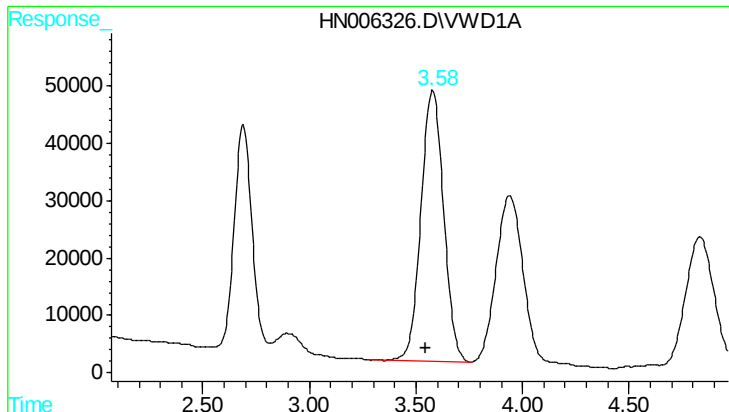
#3 RDX

R.T.: 1.712 min
Delta R.T.: 0.017 min
Response: 1197479
Conc: 218.42 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.689 min
Delta R.T.: 0.024 min
Response: 2118084
Conc: 197.50 ug/L



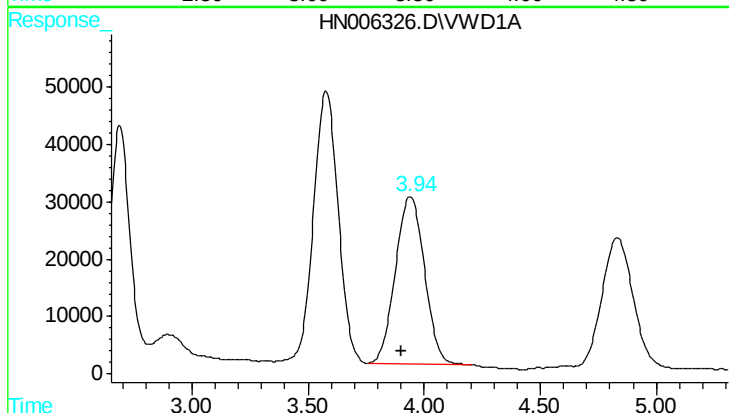
#5 1,3-Dinitrobenzene

R.T.: 3.578 min
 Delta R.T.: 0.033 min
 Response: 3475182
 Conc: 212.23 ng/ml

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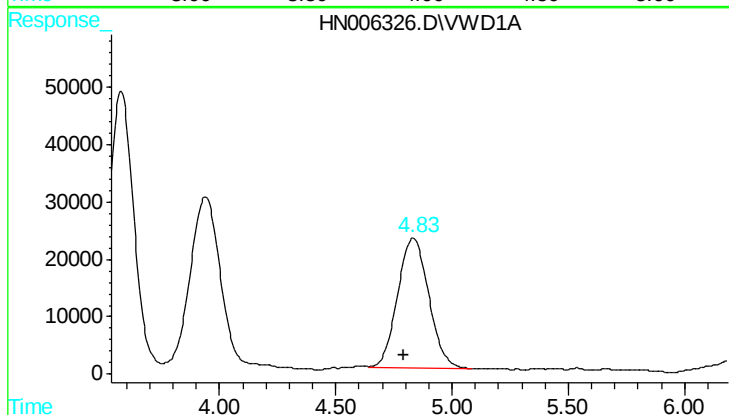
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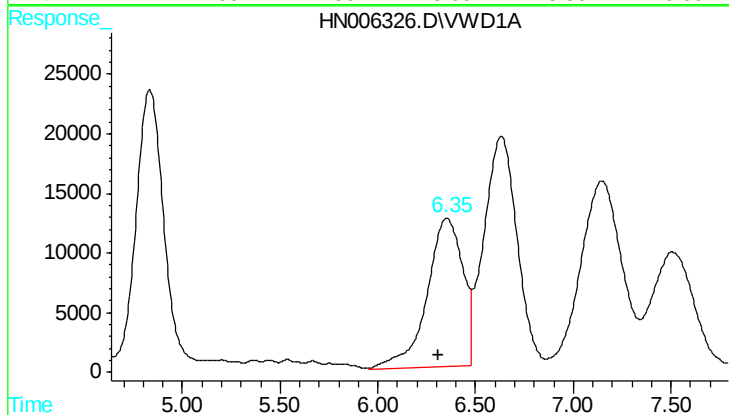
#6 3,5-Dinitroaniline

R.T.: 3.940 min
 Delta R.T.: 0.038 min
 Response: 2540469
 Conc: 218.01 ug/L



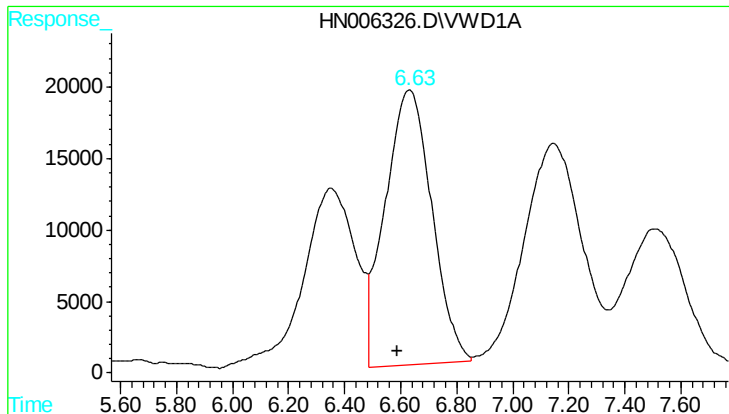
#7 Nitrobenzene

R.T.: 4.833 min
 Delta R.T.: 0.039 min
 Response: 2093403
 Conc: 208.90 ug/L



#8 Tetryl

R.T.: 6.350 min
 Delta R.T.: 0.039 min
 Response: 1594738
 Conc: 250.11 ug/L m



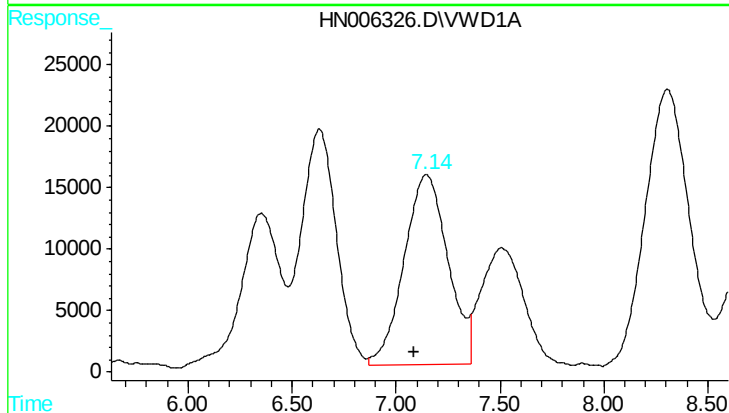
#9 2,4,6-Trinitrotoluene

R.T.: 6.630 min
Delta R.T.: 0.043 min
Response: 2223919
Conc: 207.13 ug/L m

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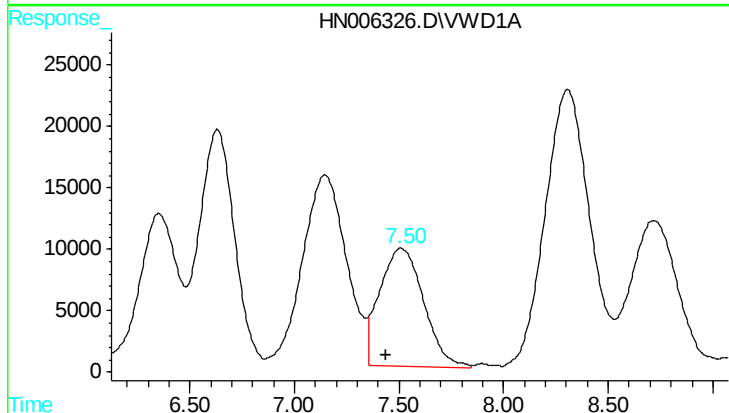
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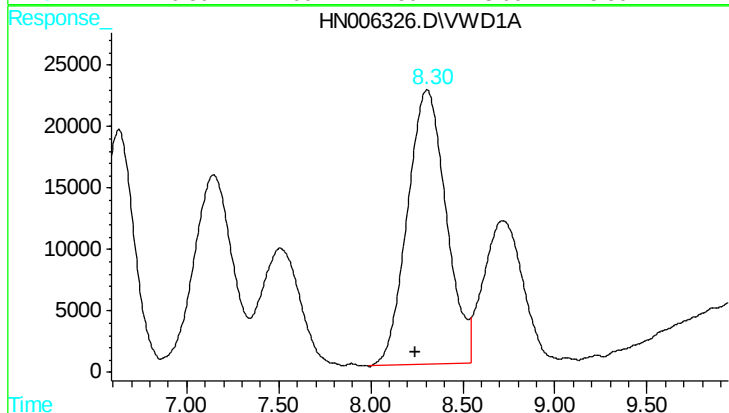
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.144 min
Delta R.T.: 0.056 min
Response: 2267619
Conc: 195.83 ug/L m



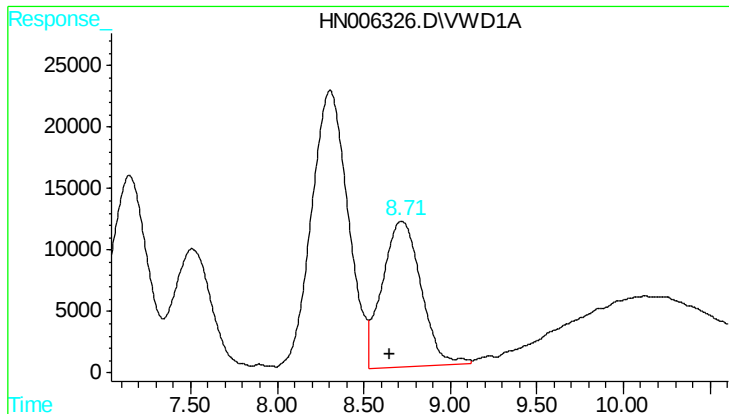
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.503 min
Delta R.T.: 0.063 min
Response: 1400566
Conc: 229.48 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.303 min
Delta R.T.: 0.062 min
Response: 3294703
Conc: 213.98 ug/L m



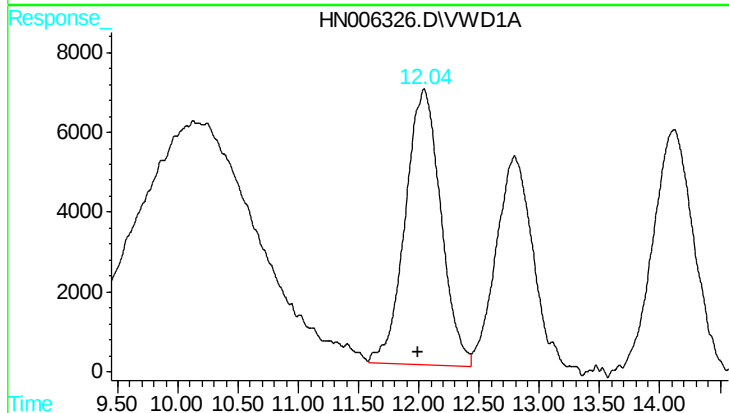
#13 2,6-Dinitrotoluene

R.T.: 8.713 min
Delta R.T.: 0.059 min
Response: 1859829
Conc: 219.43 ug/L m

Instrument :
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ClientSampleId :
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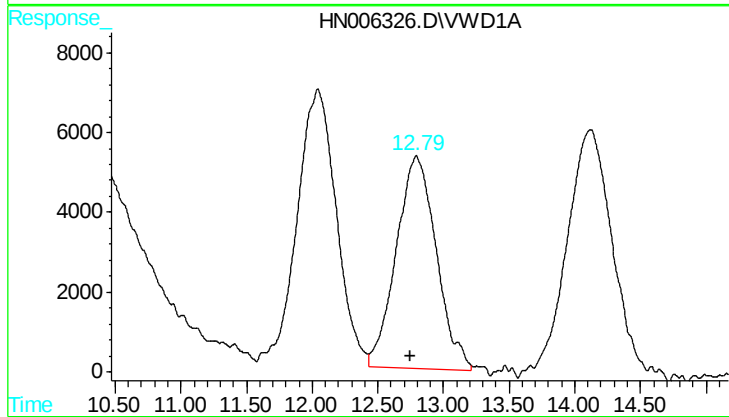
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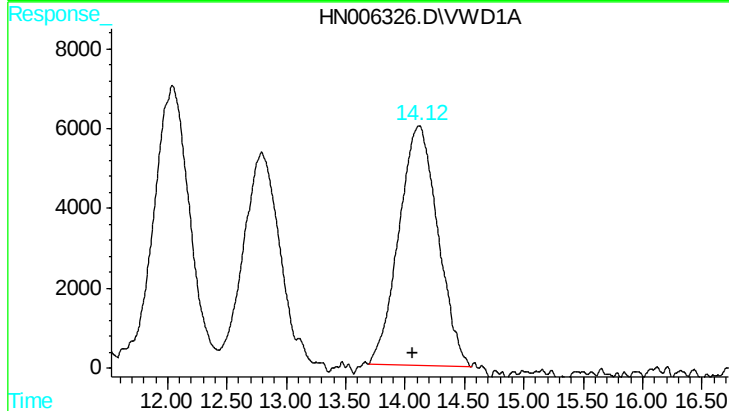
#14 2-Nitrotoluene

R.T.: 12.040 min
Delta R.T.: 0.051 min
Response: 1417544
Conc: 211.66 ug/L m



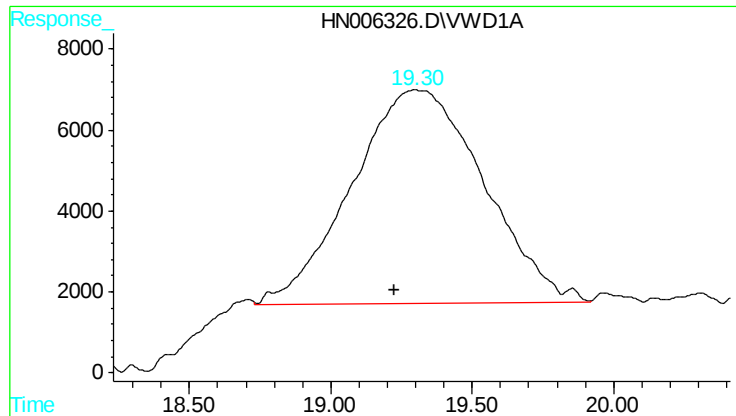
#15 4-Nitrotoluene

R.T.: 12.791 min
Delta R.T.: 0.045 min
Response: 1123771
Conc: 205.29 ug/L m



#16 3-Nitrotoluene

R.T.: 14.118 min
Delta R.T.: 0.053 min
Response: 1371456
Conc: 197.00 ug/L m



#17 PETN

R.T.: 19.296 min
Delta R.T.: 0.072 min
Response: 1712461
Conc: 208.07 ug/L m

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ClientSampleId :
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