

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006310.D\VWD1A.CH Vial:
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006310.D\VWD1A.CH
 Acq On : 15-Oct-2014, 16:07 Operator: HNP
 Sample : F4222-08MSD Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 10:56 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-GW03A-1014MSD

Manual Integrations
 APPROVED

mohammad
 10/21/2014 10:19:54 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	1.31	1064554	267.844 ug/L m
Target Compounds			
2) T HMX	0.88	957253	197.926 ug/L
3) T RDX	1.70	1123520	204.927 ug/L
4) T 1,3,5-Trinitrobenzene	2.67	2101961	195.997 ug/L
5) T 1,3-Dinitrobenzene	3.55	3403582	207.862 ng/ml
6) T 3,5-Dinitroaniline	3.91	2495525	214.156 ug/L
7) T Nitrobenzene	4.80	2096852	209.247 ug/L
8) T Tetryl	6.31	1499359	235.150 ug/L
9) T 2,4,6-Trinitrotoluene	6.59	2098107	195.408 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.09	2177890	188.083 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.46	1389059	227.597 ug/L m
12) T 2,4-Dinitrotoluene	8.26	3200399	207.853 ug/L m
13) T 2,6-Dinitrotoluene	8.67	1738943	205.168 ug/L m
14) T 2-Nitrotoluene	12.01	1321521	197.322 ug/L m
15) T 4-Nitrotoluene	12.77	1092821	199.637 ug/L m
16) T 3-Nitrotoluene	14.07	1413863	203.091 ug/L m
17) T PETN	19.25	1748113	212.398 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.

HN006310.D HN100214.M Fri Oct 17 18:17:45 2014

RPT1

Quantitation Report

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006310.D\VWD1A.CH Vial:
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006310.D\VWD1A.CH
 Acq On : 15-Oct-2014, 16:07 Operator: HNP
 Sample : F4222-08MSD Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 10:56 2014 Quant Results File: HN100214.RES

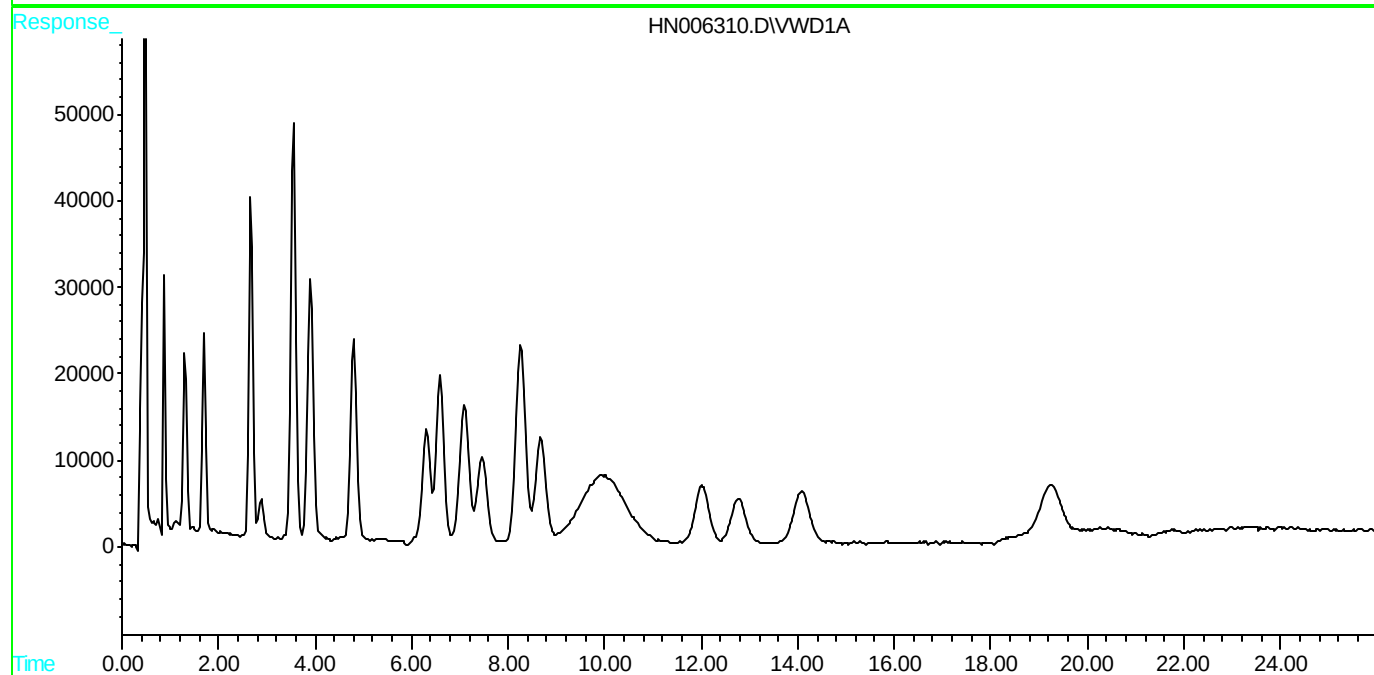
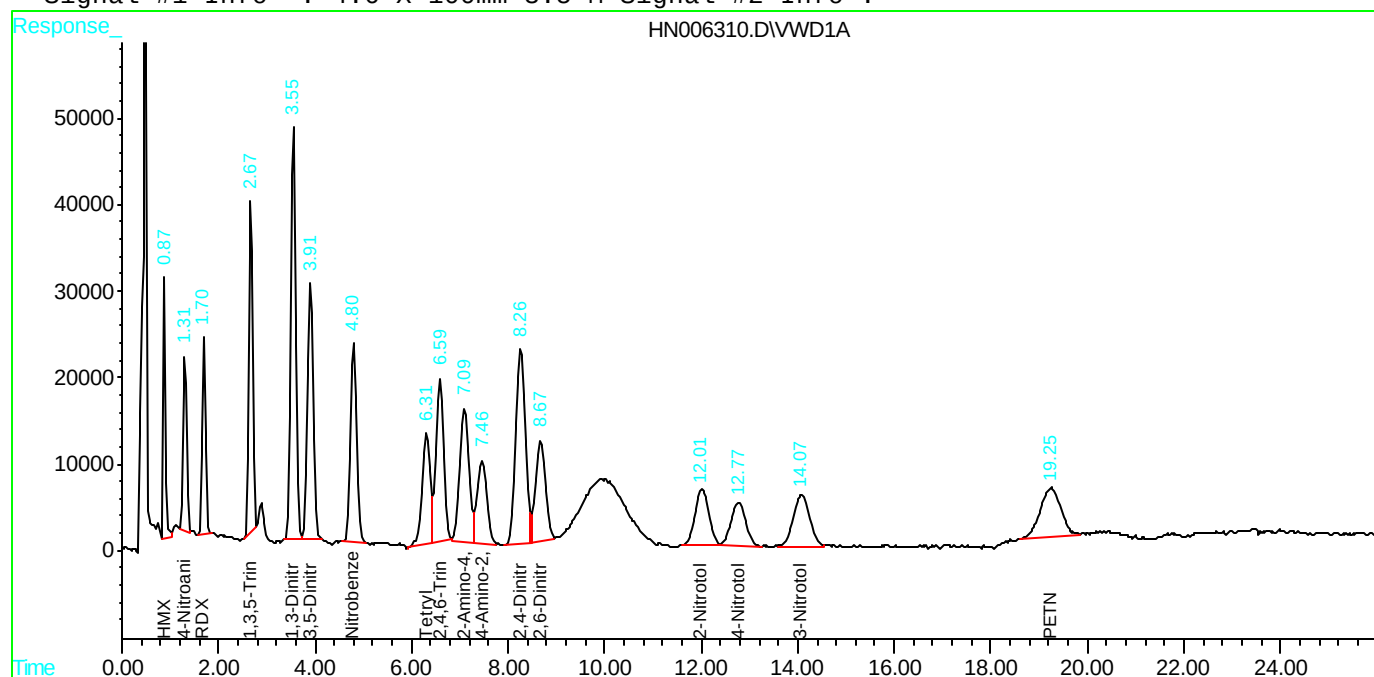
Instrument :
 HPLC_N
 ClientSampleId :
 YS19-GW03A-1014MSD

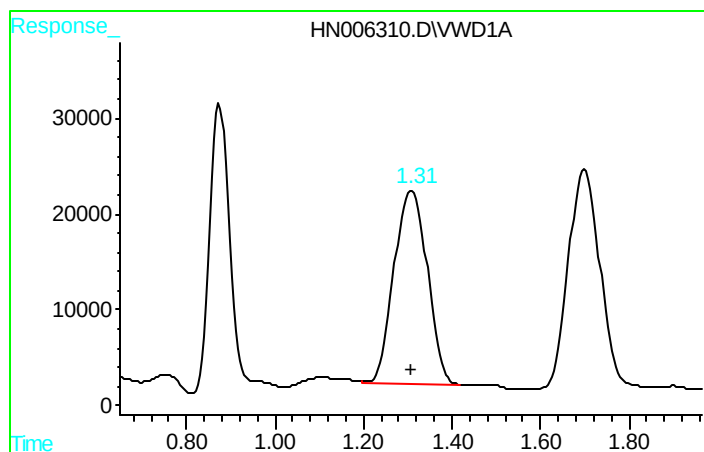
Manual Integrations
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 10/21/2014 10:19:54 AM

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 :





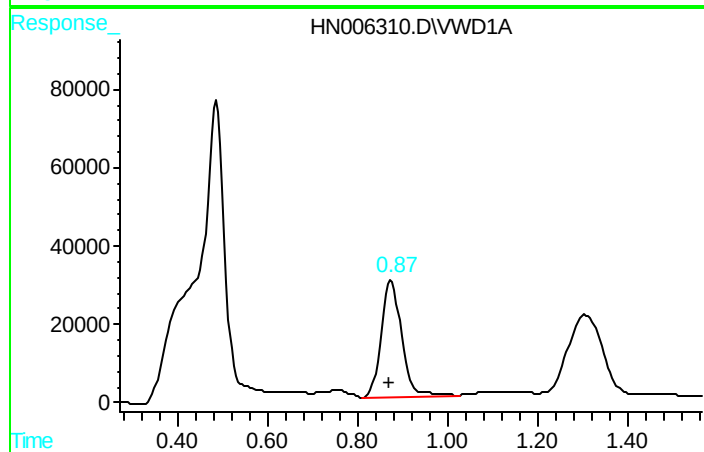
#1 4-Nitroaniline

R.T.: 1.307 min
Delta R.T.: -0.001 min
Response: 1064554
Conc: 267.84 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-GW03A-1014MSD

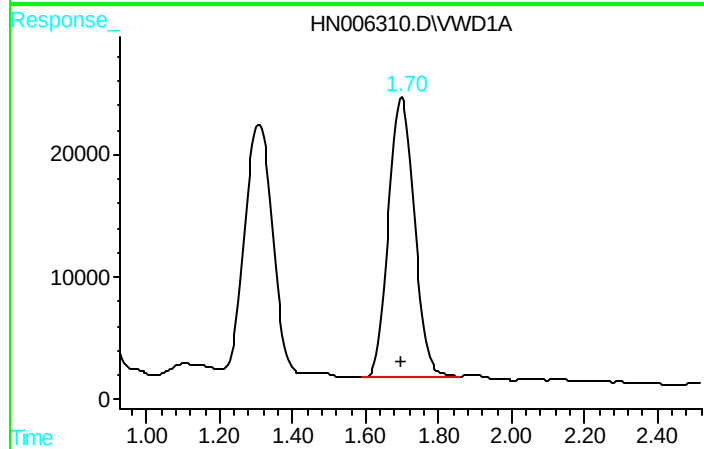
Manual Integrations
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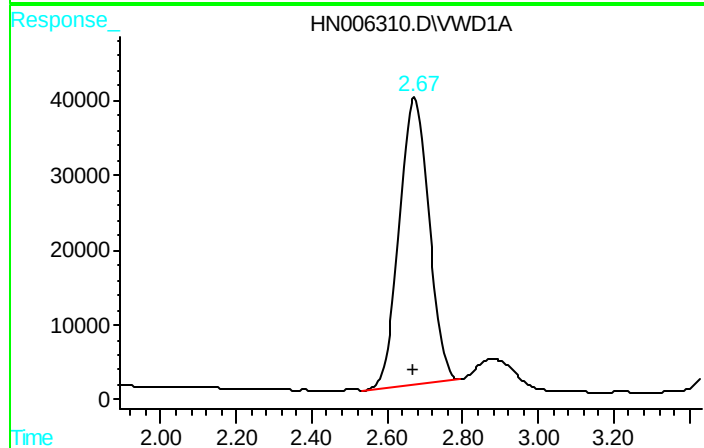
#2 HMX

R.T.: 0.876 min
Delta R.T.: 0.005 min
Response: 957253
Conc: 197.93 ug/L



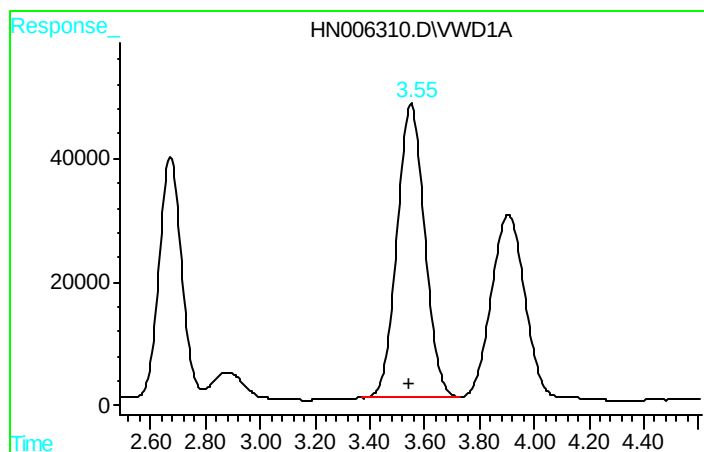
#3 RDX

R.T.: 1.699 min
Delta R.T.: 0.004 min
Response: 1123520
Conc: 204.93 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.673 min
Delta R.T.: 0.007 min
Response: 2101961
Conc: 196.00 ug/L



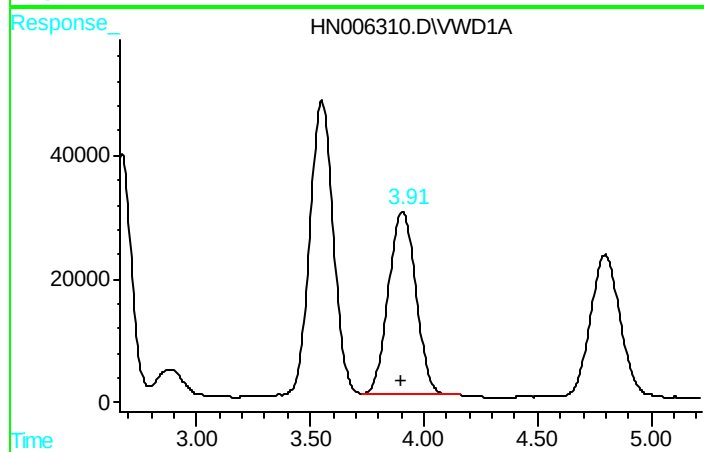
#5 1,3-Dinitrobenzene

R.T.: 3.551 min
Delta R.T.: 0.006 min
Response: 3403582
Conc: 207.86 ng/ml

Instrument :
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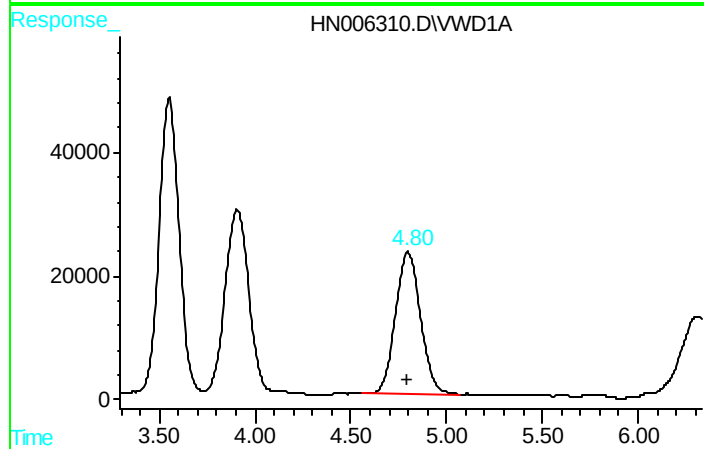
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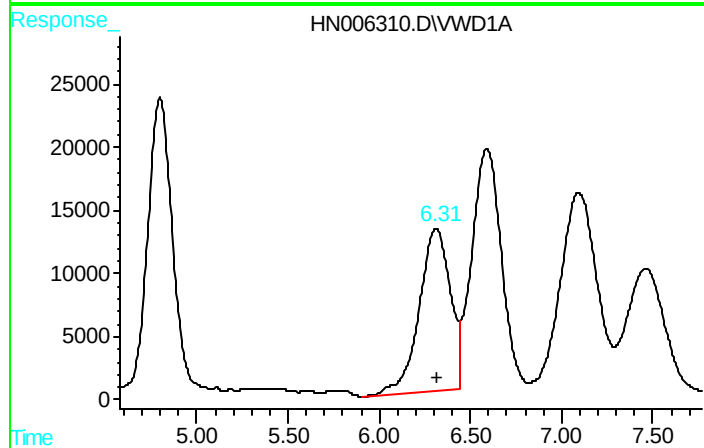
#6 3,5-Dinitroaniline

R.T.: 3.907 min
Delta R.T.: 0.005 min
Response: 2495525
Conc: 214.16 ug/L



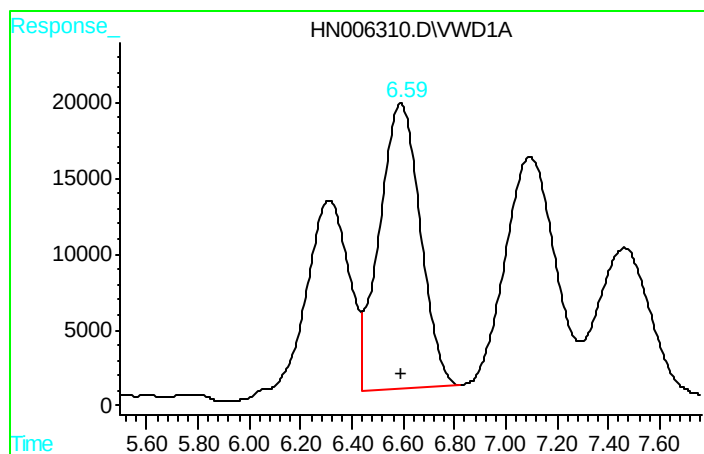
#7 Nitrobenzene

R.T.: 4.798 min
Delta R.T.: 0.004 min
Response: 2096852
Conc: 209.25 ug/L



#8 Tetryl

R.T.: 6.311 min
Delta R.T.: 0.000 min
Response: 1499359
Conc: 235.15 ug/L



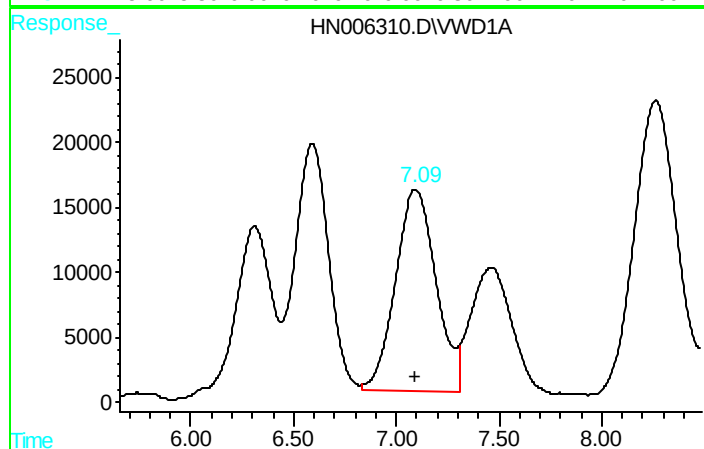
#9 2,4,6-Trinitrotoluene

R.T.: 6.591 min
Delta R.T.: 0.004 min
Response: 2098107
Conc: 195.41 ug/L

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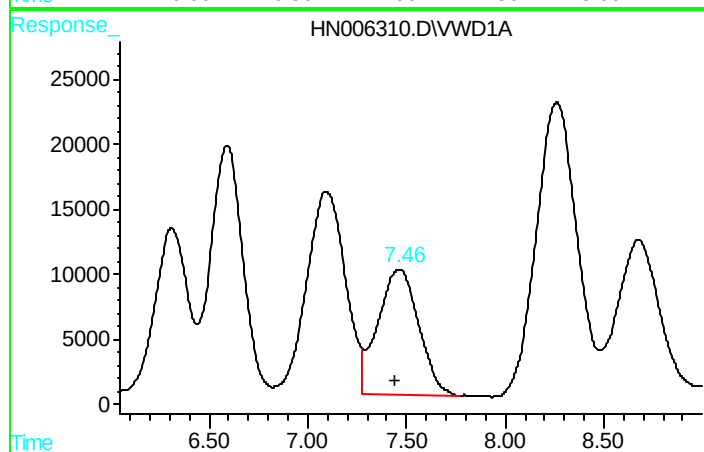
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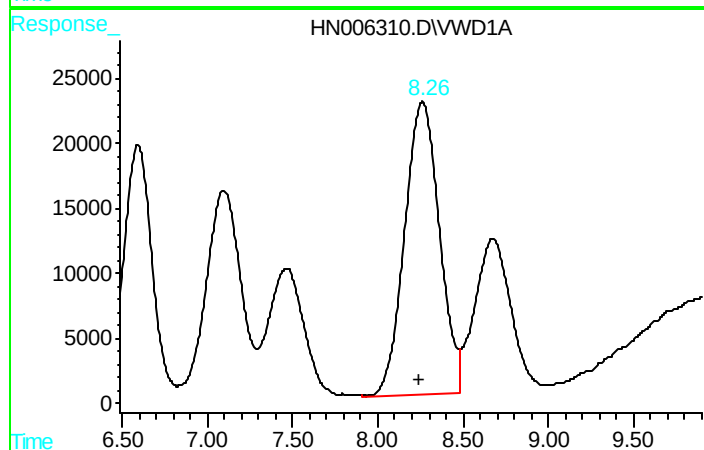
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.092 min
Delta R.T.: 0.003 min
Response: 2177890
Conc: 188.08 ug/L m



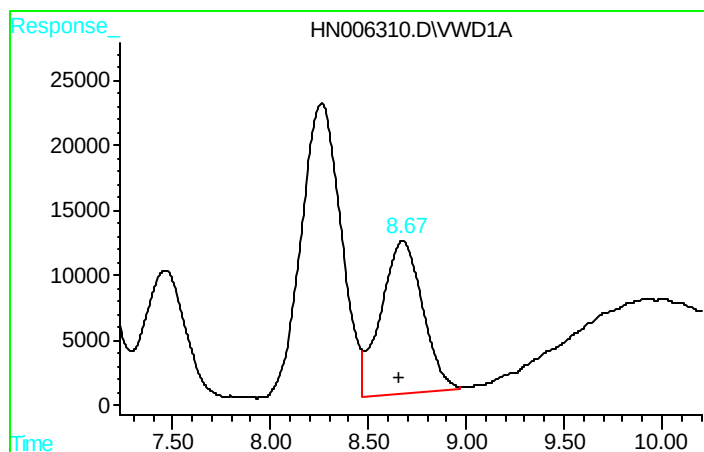
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.464 min
Delta R.T.: 0.024 min
Response: 1389059
Conc: 227.60 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.261 min
Delta R.T.: 0.019 min
Response: 3200399
Conc: 207.85 ug/L m



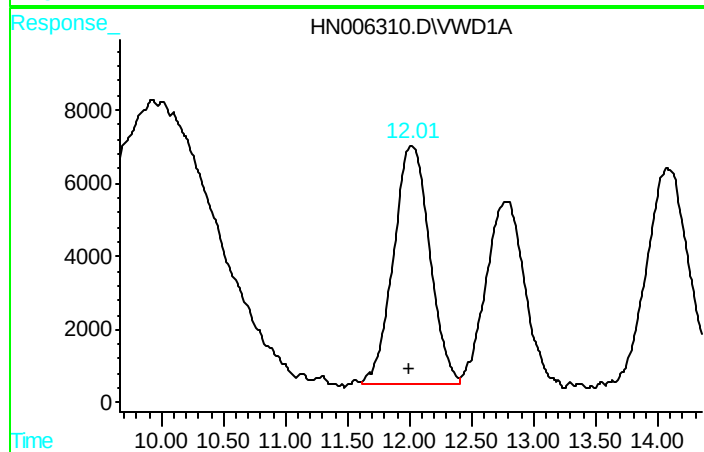
#13 2,6-Dinitrotoluene

R.T.: 8.672 min
Delta R.T.: 0.018 min
Response: 1738943
Conc: 205.17 ug/L m

Instrument :
HPLC_N
ClientSampleId :
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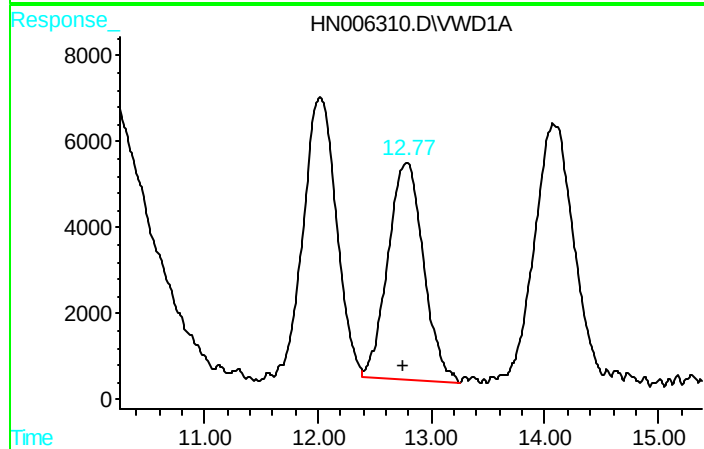
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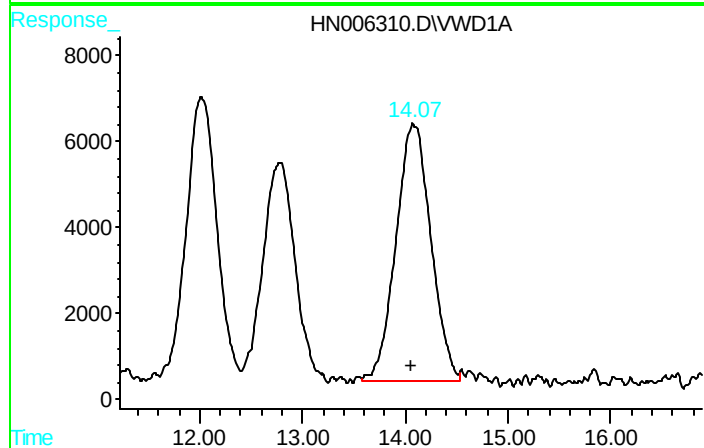
#14 2-Nitrotoluene

R.T.: 12.011 min
Delta R.T.: 0.021 min
Response: 1321521
Conc: 197.32 ug/L m



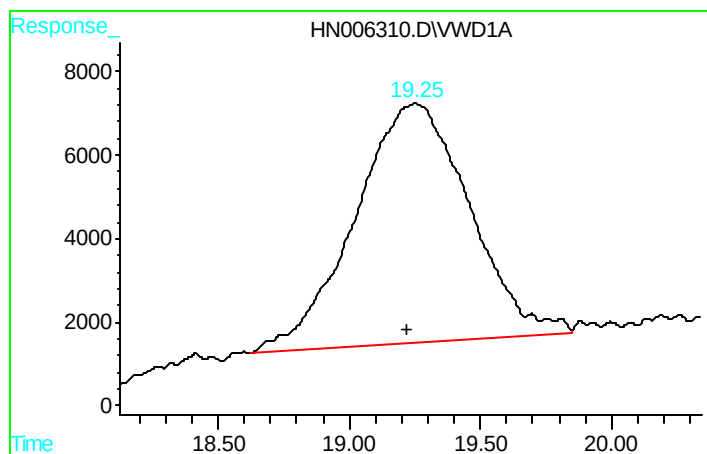
#15 4-Nitrotoluene

R.T.: 12.775 min
Delta R.T.: 0.029 min
Response: 1092821
Conc: 199.64 ug/L m



#16 3-Nitrotoluene

R.T.: 14.071 min
Delta R.T.: 0.007 min
Response: 1413863
Conc: 203.09 ug/L m



#17 PETN

R.T.: 19.249 min
Delta R.T.: 0.026 min
Response: 1748113
Conc: 212.40 ug/L m

Instrument :
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ClientSampleId :
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