

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006901.D\VWD1A.CH Vial: 76
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006901.D\VWD1A.CH
 Acq On : 31-Oct-2014, 20:10 Operator: TP
 Sample : HSTDICV0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 2 1:59 2014 Quant Results File: HN103114.RES

Instrument :
 HPLC_N
 ClientSampleId :
 ICVHN103114

Manual Integrations
 APPROVED

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 11/14/2014 10:32:14 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	1.29	1843479	507.111 ug/L
Target Compounds			
2) T HMX	0.87	2079218	476.857 ug/L
3) T RDX	1.68	2571724	502.743 ug/L
4) T 1,3,5-Trinitrobenzene	2.65	5178256	505.878 ug/L
5) T 1,3-Dinitrobenzene	3.51	7994766	505.929 ng/ml
6) T 3,5-Dinitroaniline	3.87	5737363	511.621 ug/L
7) T Nitrobenzene	4.74	4850102	509.194 ug/L
8) T Tetryl	6.22	2351703	477.395 ug/L
9) T 2,4,6-Trinitrotoluene	6.48	5297551	522.434 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.00	5320758	475.396 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.34	3286069	579.087 ug/L
12) T 2,4-Dinitrotoluene	8.11	7417985	500.198 ug/L
13) T 2,6-Dinitrotoluene	8.51	4124734	514.472 ug/L
14) T 2-Nitrotoluene	11.78	3088447	487.989 ug/L m
15) T 4-Nitrotoluene	12.52	2586188	508.414 ug/L m
16) T 3-Nitrotoluene	13.84	3348806	494.926 ug/L
17) T PETN	18.97	4160354	495.908 ug/L

 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.

HN006901.D HN103114.M Sat Nov 08 04:37:30 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006901.D\VWD1A.CH Vial: 76
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006901.D\VWD1A.CH
Acq On : 31-Oct-2014, 20:10 Operator: TP
Sample : HSTDICV0500 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Nov 2 1:59 2014 Quant Results File: HN103114.RES

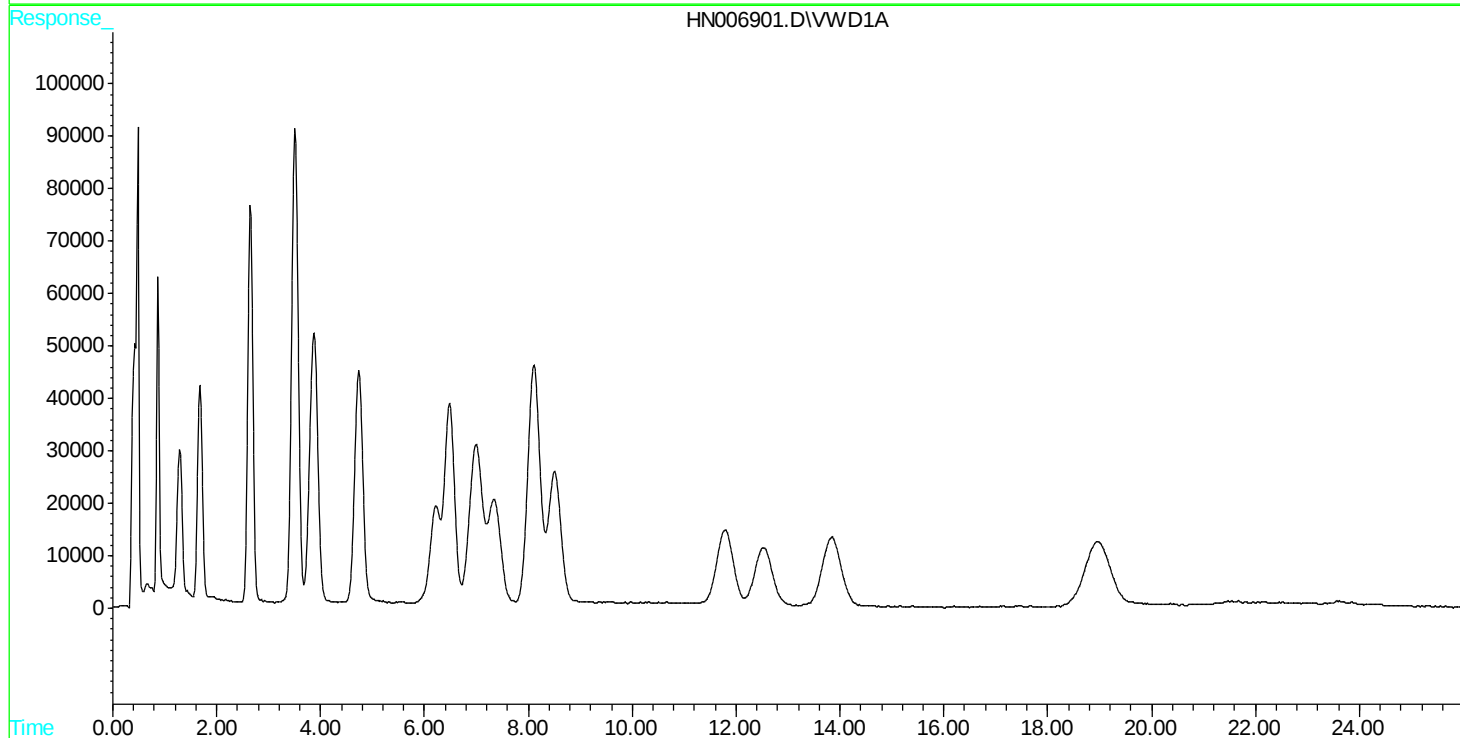
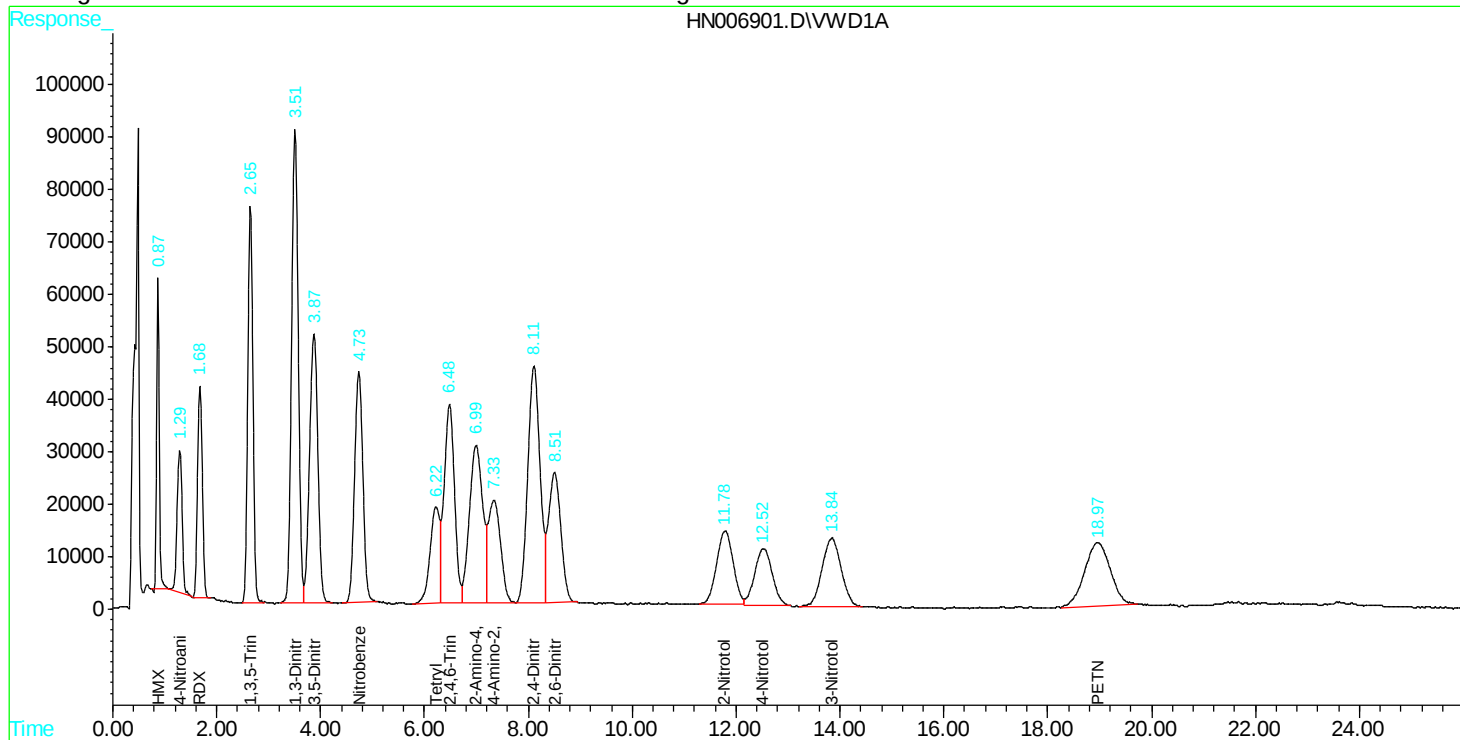
Instrument :
HPLC_N
ClientSampleId :
ICVHN103114

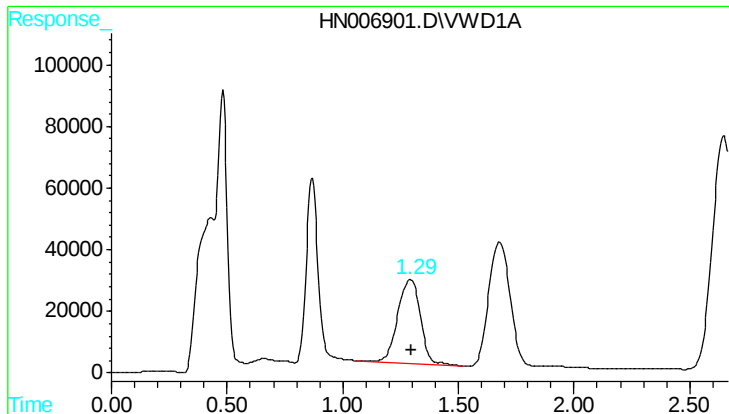
Manual Integrations
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11/14/2014 10:32:14 AM

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 :





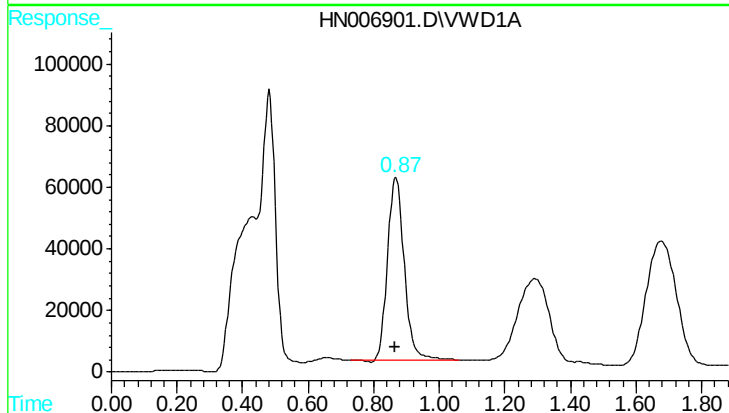
#1 4-Nitroaniline

R.T.: 1.292 min
Delta R.T.: -0.003 min
Response: 1843479
Conc: 507.11 ug/L

Instrument :
HPLC_N
ClientSampleId :
ICVHN103114

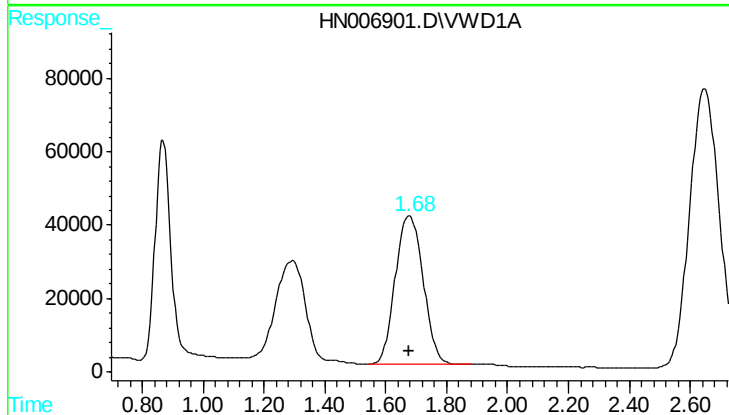
Manual Integrations
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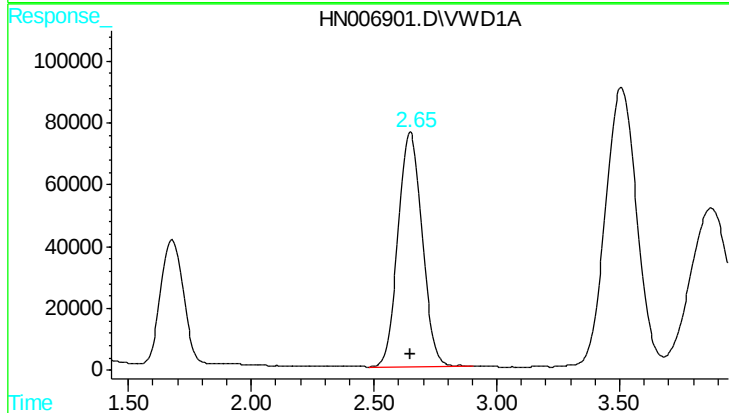
#2 HMX

R.T.: 0.868 min
Delta R.T.: 0.002 min
Response: 2079218
Conc: 476.86 ug/L



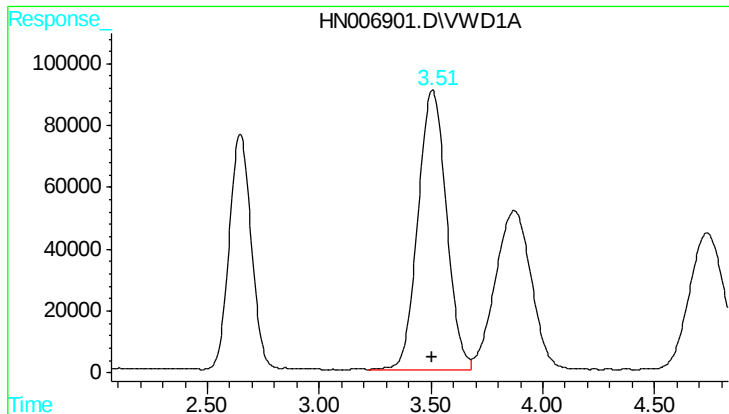
#3 RDX

R.T.: 1.678 min
Delta R.T.: 0.000 min
Response: 2571724
Conc: 502.74 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.648 min
Delta R.T.: 0.000 min
Response: 5178256
Conc: 505.88 ug/L



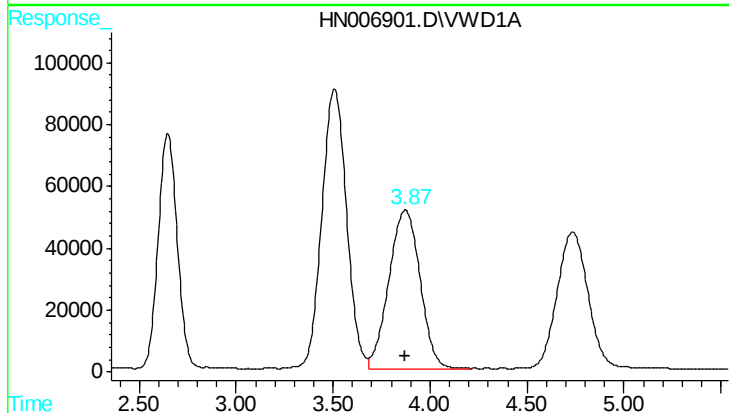
#5 1,3-Dinitrobenzene

R.T.: 3.508 min
Delta R.T.: 0.002 min
Response: 7994766
Conc: 505.93 ng/ml

Instrument :
HPLC_N
ClientSampleId :
ICVHN103114

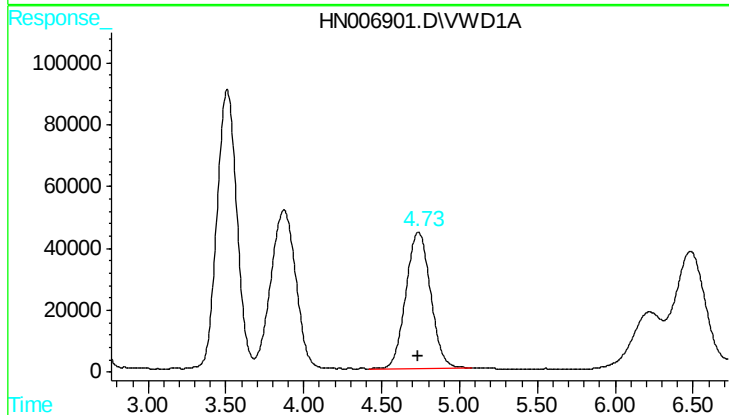
Manual Integrations
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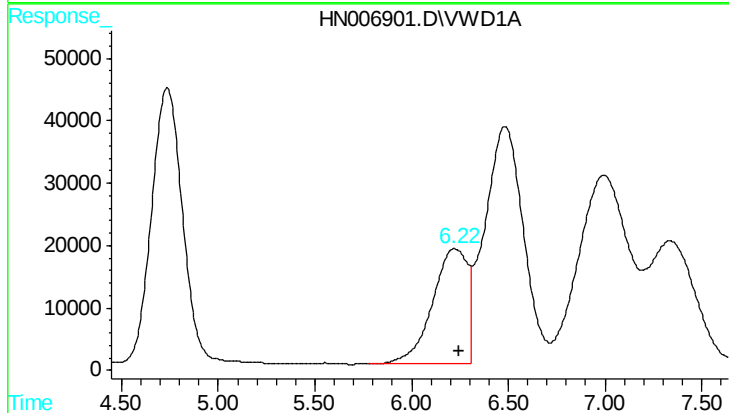
#6 3,5-Dinitroaniline

R.T.: 3.873 min
Delta R.T.: 0.000 min
Response: 5737363
Conc: 511.62 ug/L



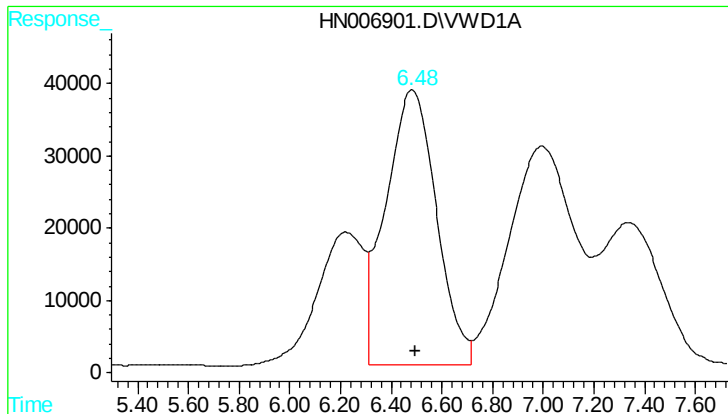
#7 Nitrobenzene

R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 4850102
Conc: 509.19 ug/L



#8 Tetryl

R.T.: 6.222 min
Delta R.T.: -0.022 min
Response: 2351703
Conc: 477.40 ug/L



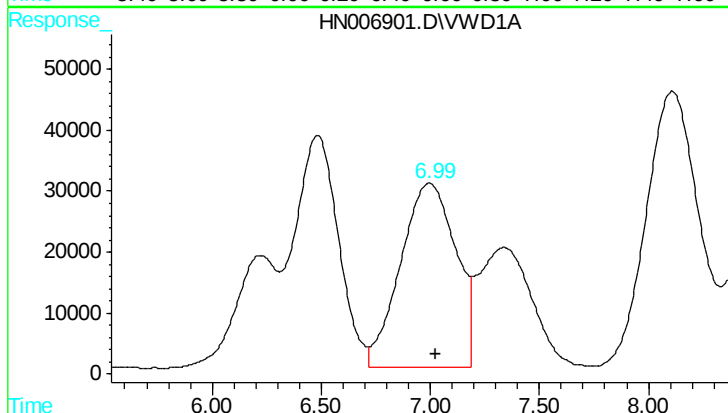
#9 2,4,6-Trinitrotoluene

R.T.: 6.483 min
Delta R.T.: -0.012 min
Response: 5297551
Conc: 522.43 ug/L

Instrument :
HPLC_N
ClientSampleId :
ICVHN103114

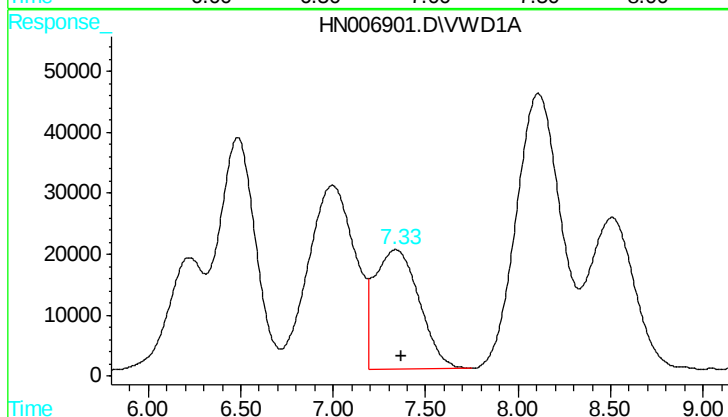
Manual Integrations
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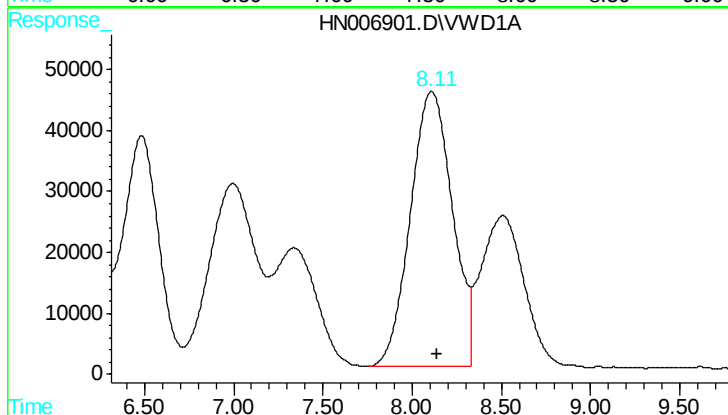
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.995 min
Delta R.T.: -0.032 min
Response: 5320758
Conc: 475.40 ug/L



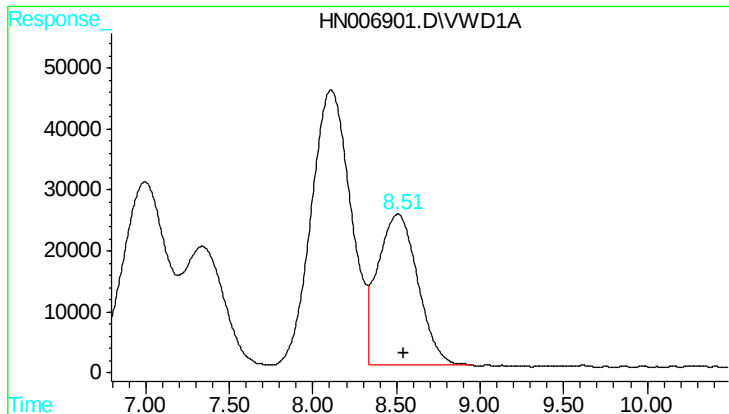
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.337 min
Delta R.T.: -0.032 min
Response: 3286069
Conc: 579.09 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.109 min
Delta R.T.: -0.031 min
Response: 7417985
Conc: 500.20 ug/L



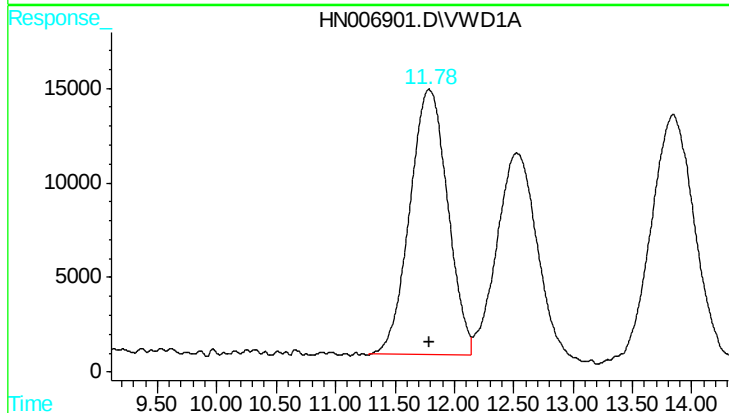
#13 2,6-Dinitrotoluene

R.T.: 8.508 min
 Delta R.T.: -0.033 min
 Response: 4124734
 Conc: 514.47 ug/L

Instrument :
 HPLC_N
 ClientSampleId :
 ICVHN103114

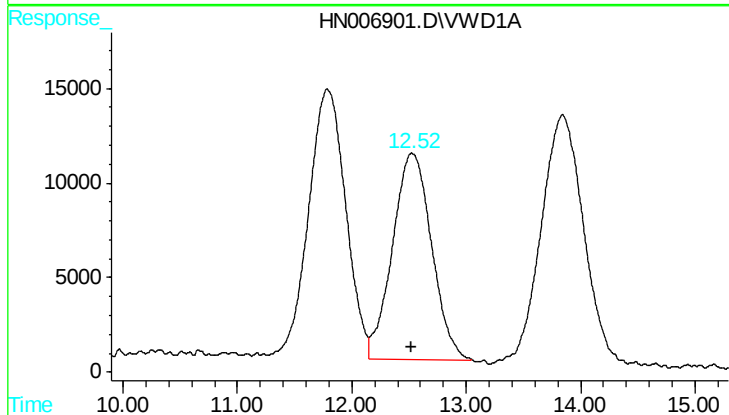
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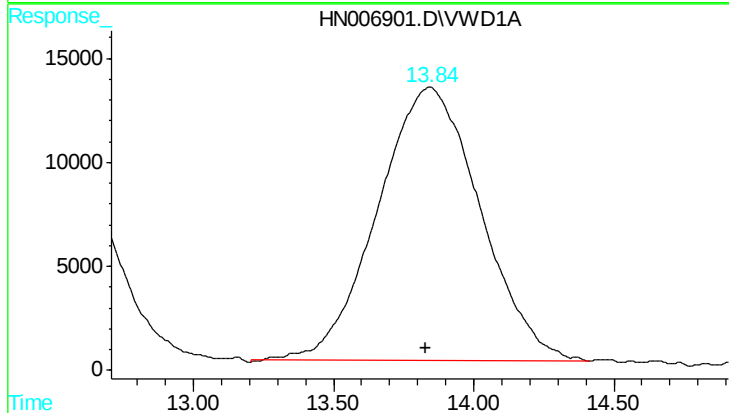
#14 2-Nitrotoluene

R.T.: 11.780 min
 Delta R.T.: -0.016 min
 Response: 3088447
 Conc: 487.99 ug/L m



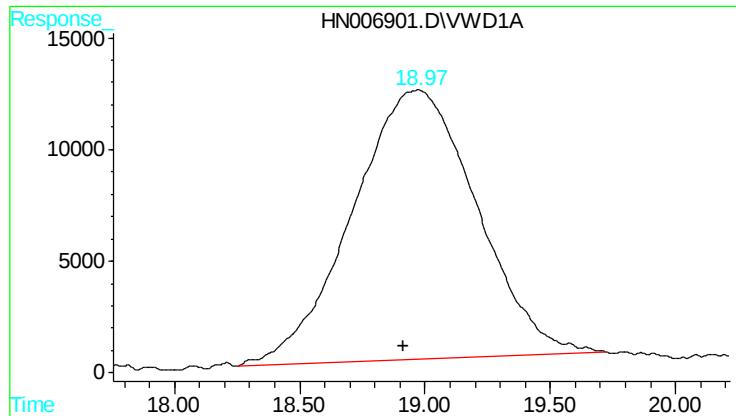
#15 4-Nitrotoluene

R.T.: 12.520 min
 Delta R.T.: -0.003 min
 Response: 2586188
 Conc: 508.41 ug/L m



#16 3-Nitrotoluene

R.T.: 13.842 min
 Delta R.T.: 0.015 min
 Response: 3348806
 Conc: 494.93 ug/L



#17 PETN

R.T.: 18.971 min
Delta R.T.: 0.056 min
Response: 4160354
Conc: 495.91 ug/L

Instrument :
HPLC_N
ClientSampleId :
ICVHN103114

Manual Integrations
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