

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006943.D\VWD1A.CH Vial: 74
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006943.D\VWD1A.CH
 Acq On : 01-Nov-2014, 19:29 Operator: TP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 2 3:58 2014 Quant Results File: HN103114.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

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 11/14/2014 10:35:35 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	1748458	480.973 ug/L
Target Compounds			
2) T HMX	0.87	2205129	505.734 ug/L
3) T RDX	1.68	2637981	515.696 ug/L
4) T 1,3,5-Trinitrobenzene	2.66	5302485	518.014 ug/L
5) T 1,3-Dinitrobenzene	3.52	8206468	519.326 ng/ml
6) T 3,5-Dinitroaniline	3.89	5868515	523.316 ug/L
7) T Nitrobenzene	4.76	4929511	517.531 ug/L
8) T Tetryl	6.27	2416468	490.543 ug/L m
9) T 2,4,6-Trinitrotoluene	6.53	5709591	563.069 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.06	5478445	489.485 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.41	3255894	573.769 ug/L
12) T 2,4-Dinitrotoluene	8.19	7560326	509.796 ug/L
13) T 2,6-Dinitrotoluene	8.59	4232123	527.866 ug/L
14) T 2-Nitrotoluene	11.91	3103801	490.415 ug/L m
15) T 4-Nitrotoluene	12.65	2486416	488.800 ug/L m
16) T 3-Nitrotoluene	13.99	3255775	481.177 ug/L m
17) T PETN	19.04	4773433	568.986 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.

HN006943.D HN103114.M Sat Nov 08 04:47:45 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006943.D\VWD1A.CH Vial: 74
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006943.D\VWD1A.CH
Acq On : 01-Nov-2014, 19:29 Operator: TP
Sample : HSTDCCC0500 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Nov 2 3:58 2014 Quant Results File: HN103114.RES

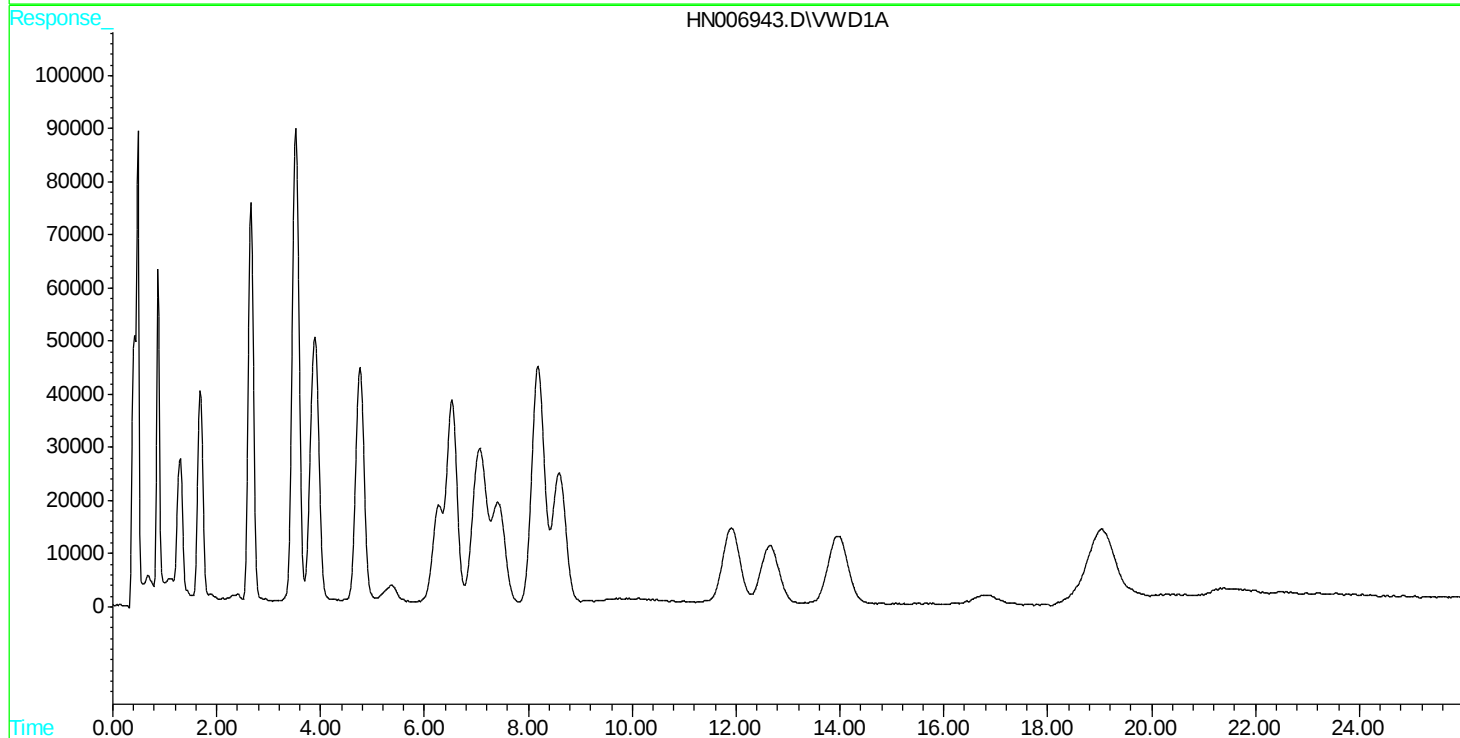
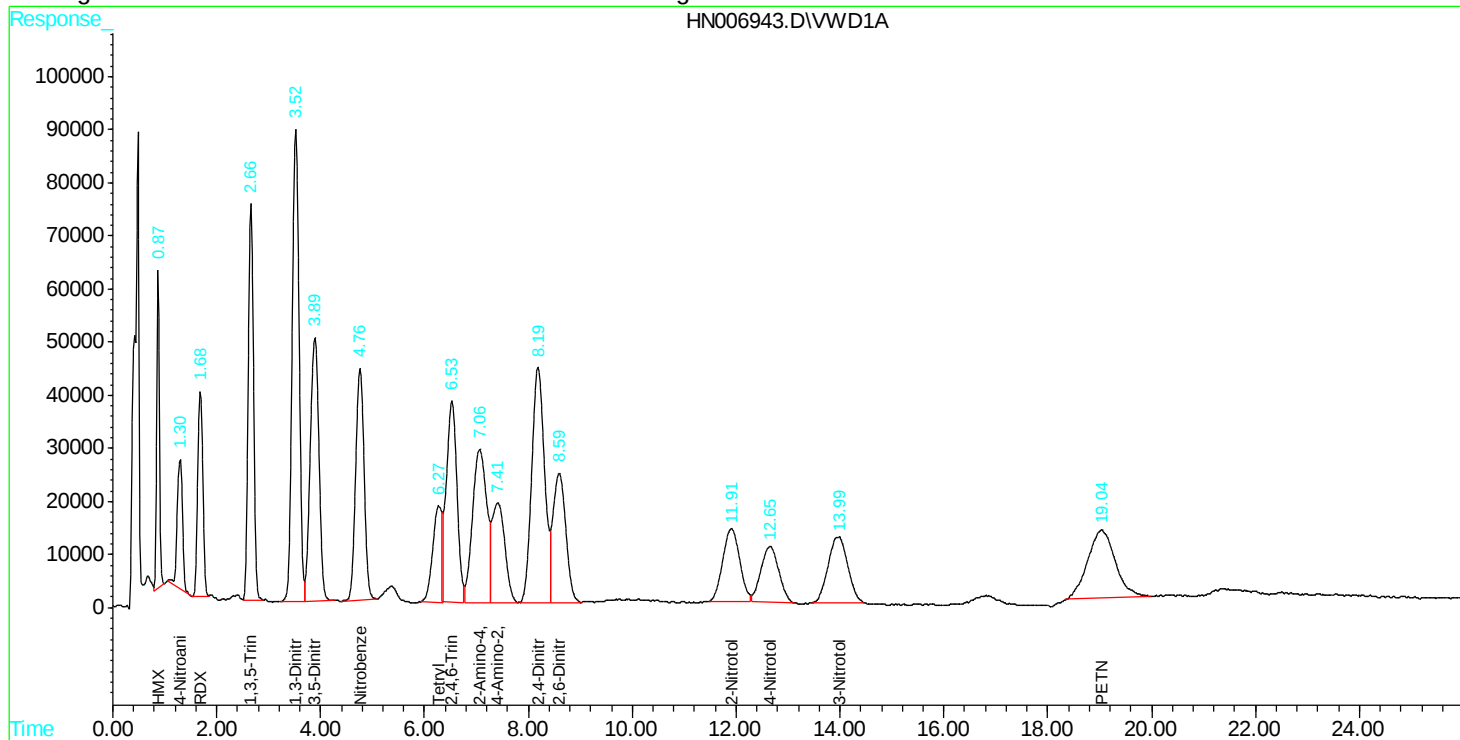
Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

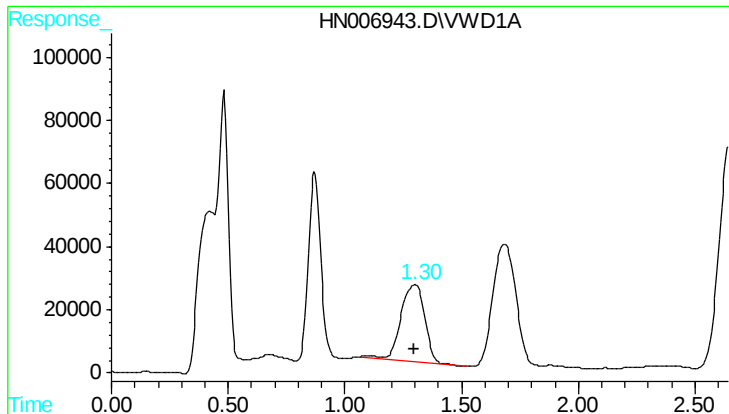
Manual Integrations
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11/14/2014 10:35:35 AM

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 :





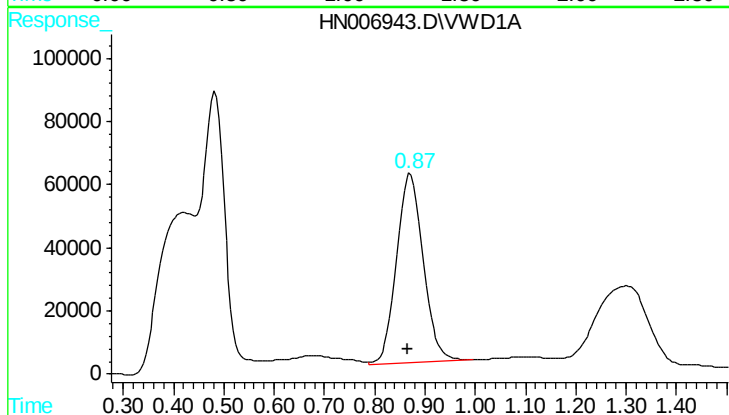
#1 4-Nitroaniline

R.T.: 1.300 min
Delta R.T.: 0.004 min
Response: 1748458
Conc: 480.97 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

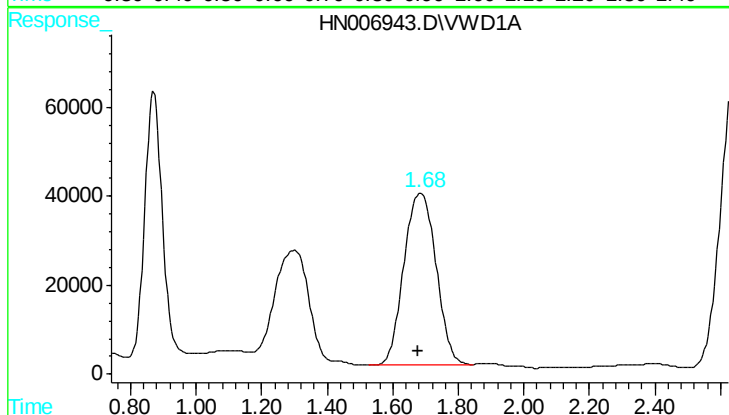
Manual Integrations
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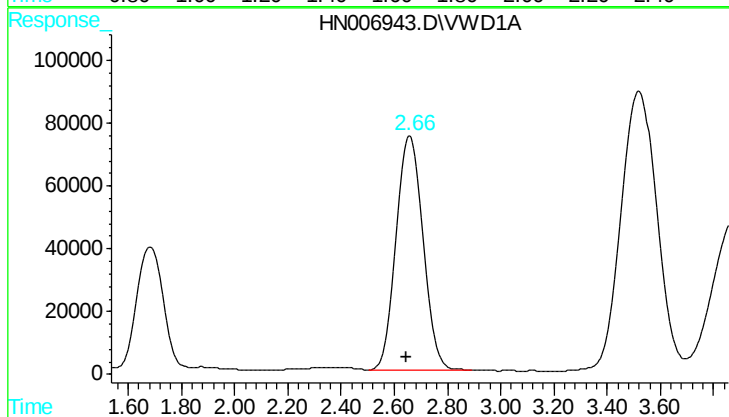
#2 HMX

R.T.: 0.871 min
Delta R.T.: 0.005 min
Response: 2205129
Conc: 505.73 ug/L



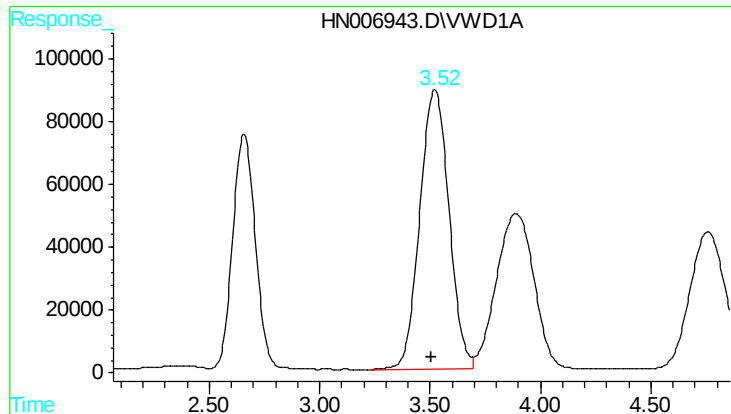
#3 RDX

R.T.: 1.685 min
Delta R.T.: 0.006 min
Response: 2637981
Conc: 515.70 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.658 min
Delta R.T.: 0.010 min
Response: 5302485
Conc: 518.01 ug/L



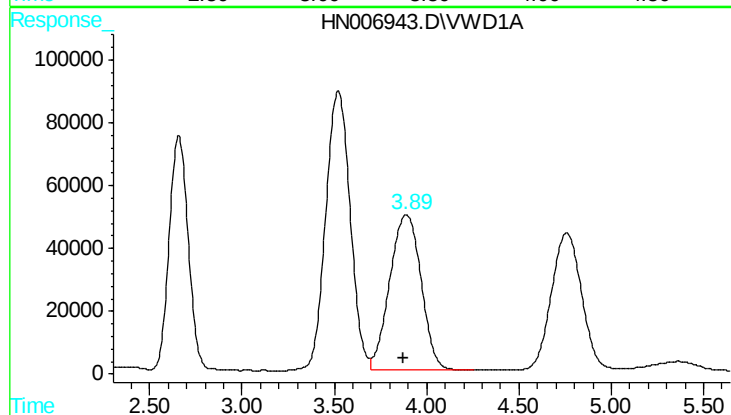
#5 1,3-Dinitrobenzene

R.T.: 3.522 min
Delta R.T.: 0.016 min
Response: 8206468
Conc: 519.33 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

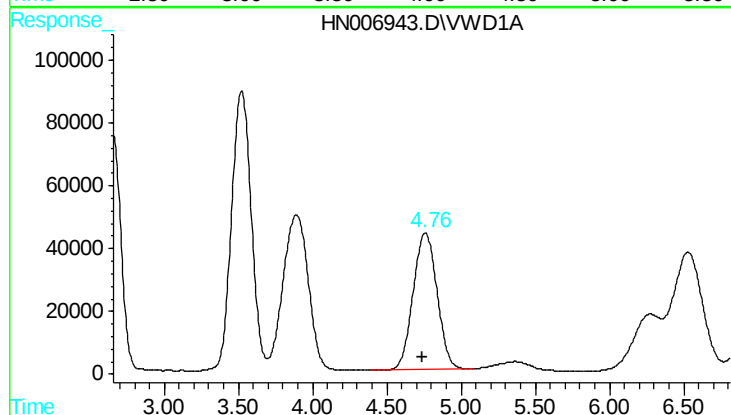
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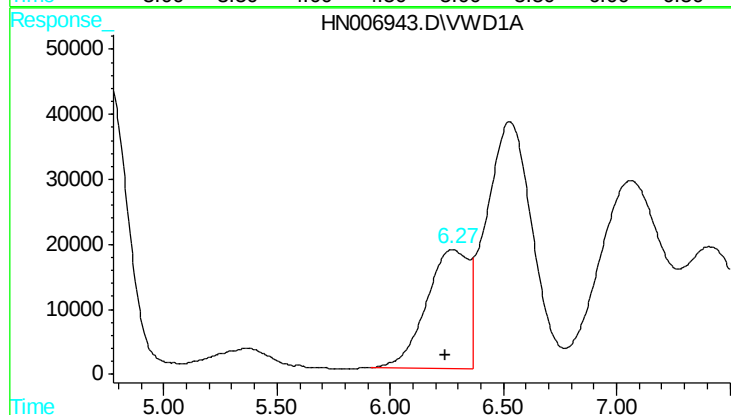
#6 3,5-Dinitroaniline

R.T.: 3.890 min
Delta R.T.: 0.017 min
Response: 5868515
Conc: 523.32 ug/L



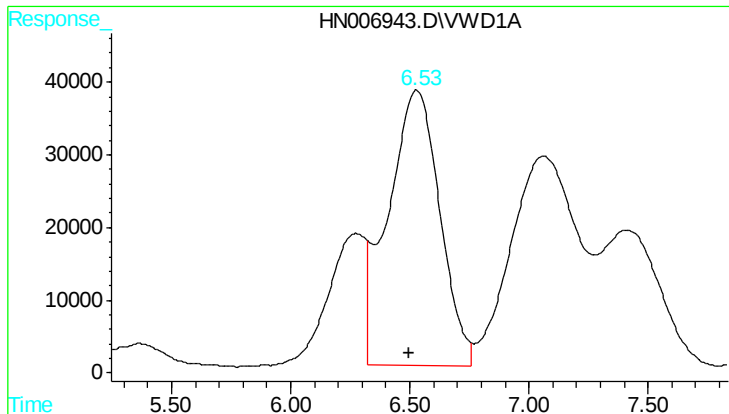
#7 Nitrobenzene

R.T.: 4.759 min
Delta R.T.: 0.021 min
Response: 4929511
Conc: 517.53 ug/L



#8 Tetryl

R.T.: 6.273 min
Delta R.T.: 0.029 min
Response: 2416468
Conc: 490.54 ug/L m



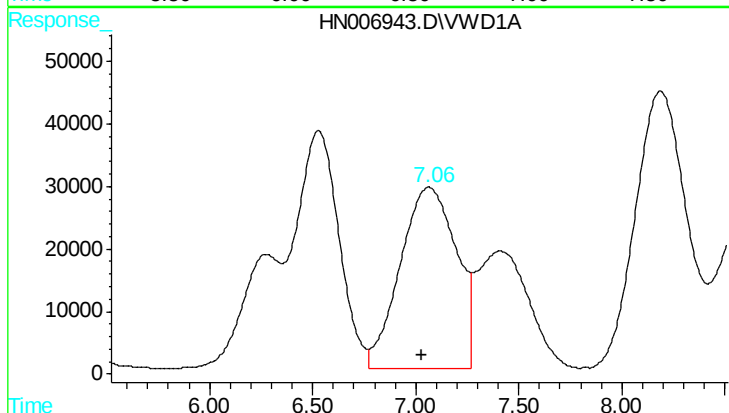
#9 2,4,6-Trinitrotoluene

R.T.: 6.526 min
Delta R.T.: 0.030 min
Response: 5709591
Conc: 563.07 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

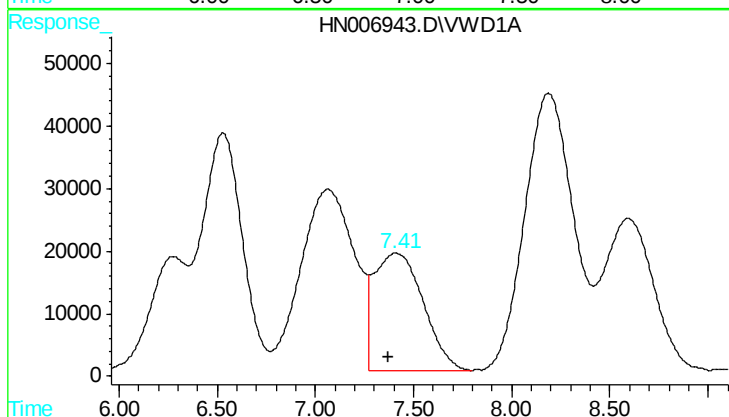
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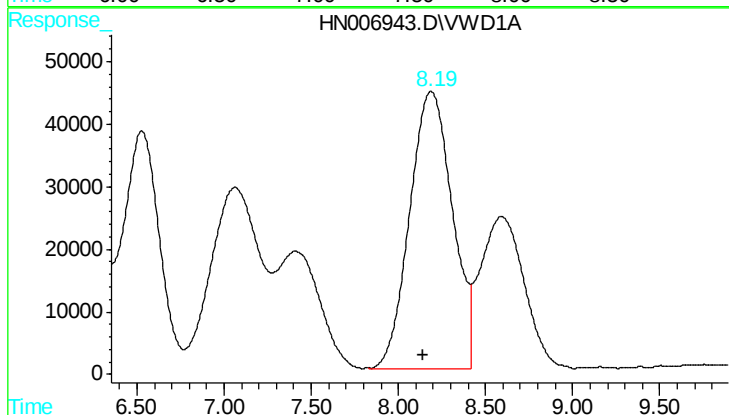
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.063 min
Delta R.T.: 0.036 min
Response: 5478445
Conc: 489.49 ug/L



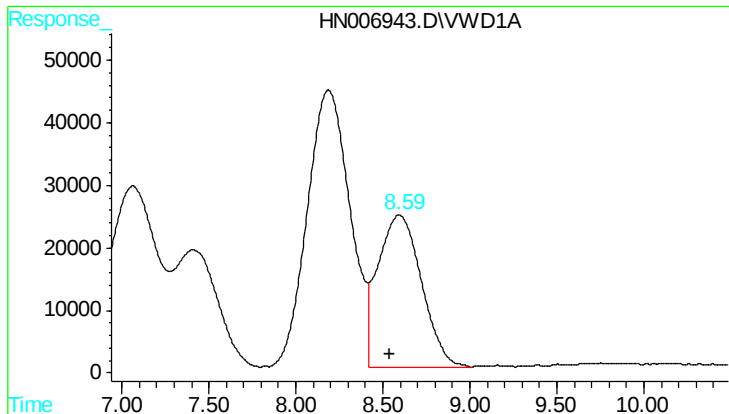
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.410 min
Delta R.T.: 0.041 min
Response: 3255894
Conc: 573.77 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.187 min
Delta R.T.: 0.048 min
Response: 7560326
Conc: 509.80 ug/L



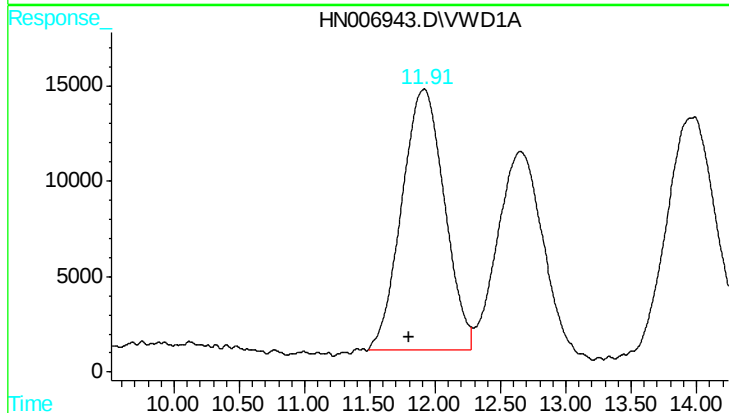
#13 2,6-Dinitrotoluene

R.T.: 8.593 min
Delta R.T.: 0.052 min
Response: 4232123
Conc: 527.87 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

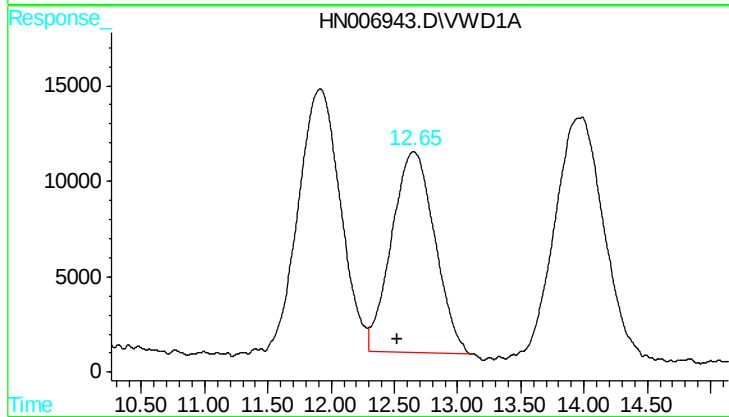
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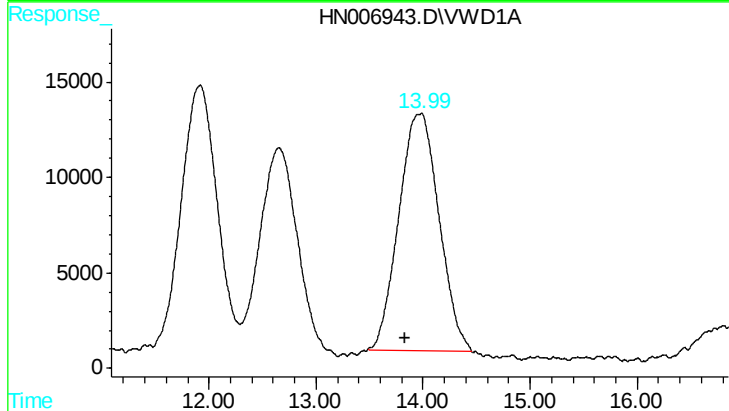
#14 2-Nitrotoluene

R.T.: 11.914 min
Delta R.T.: 0.119 min
Response: 3103801
Conc: 490.42 ug/L m



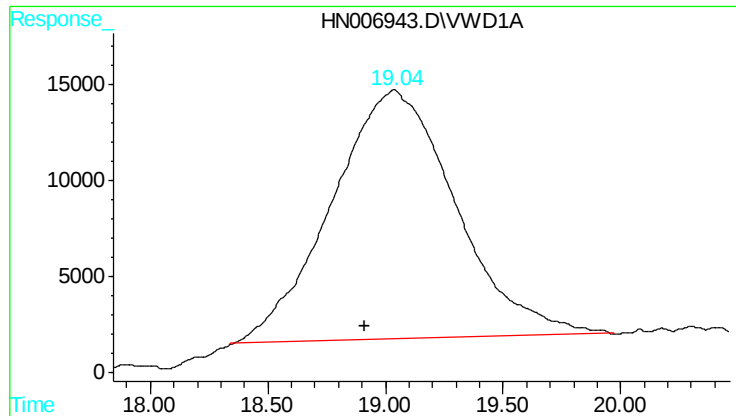
#15 4-Nitrotoluene

R.T.: 12.648 min
Delta R.T.: 0.125 min
Response: 2486416
Conc: 488.80 ug/L m



#16 3-Nitrotoluene

R.T.: 13.986 min
Delta R.T.: 0.158 min
Response: 3255775
Conc: 481.18 ug/L m



#17 PETN

R.T.: 19.036 min
Delta R.T.: 0.121 min
Response: 4773433
Conc: 568.99 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

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