

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006953.D\VWD1A.CH Vial: 69
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006953.D\VWD1A.CH
 Acq On : 02-Nov-2014, 00:09 Operator: TP
 Sample : PB79746BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 2 4:18 2014 Quant Results File: HN103114.RES

Instrument :
 HPLC_N
 ClientSampleId :
 PB79746BS

Manual Integrations
 APPROVED

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 11/14/2014 10:36:27 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	598848	164.733 ug/L m
Target Compounds			
2) T HMX	0.87	580543	133.144 ug/L
3) T RDX	1.69	662454	129.502 ug/L m
4) T 1,3,5-Trinitrobenzene	2.67	1360236	132.885 ug/L
5) T 1,3-Dinitrobenzene	3.53	2154305	136.330 ng/ml
6) T 3,5-Dinitroaniline	3.90	1695157	151.163 ug/L
7) T Nitrobenzene	4.77	1227091	128.828 ug/L m
8) T Tetryl	6.29	645748	131.087 ug/L m
9) T 2,4,6-Trinitrotoluene	6.55	1345584	132.699 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.08	1259122	112.499 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.44	819260	144.374 ug/L m
12) T 2,4-Dinitrotoluene	8.21	1917671	129.309 ug/L m
13) T 2,6-Dinitrotoluene	8.62	1000707	124.817 ug/L m
14) T 2-Nitrotoluene	11.97	781939	123.550 ug/L m
15) T 4-Nitrotoluene	12.65	653725	128.515 ug/L m
16) T 3-Nitrotoluene	13.99	833281	123.152 ug/L m
17) T PETN	19.05	523468	62.397 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.

HN006953.D HN103114.M Sat Nov 08 04:51:58 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006953.D\VWD1A.CH Vial: 69
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006953.D\VWD1A.CH
Acq On : 02-Nov-2014, 00:09 Operator: TP
Sample : PB79746BS Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Nov 2 4:18 2014 Quant Results File: HN103114.RES

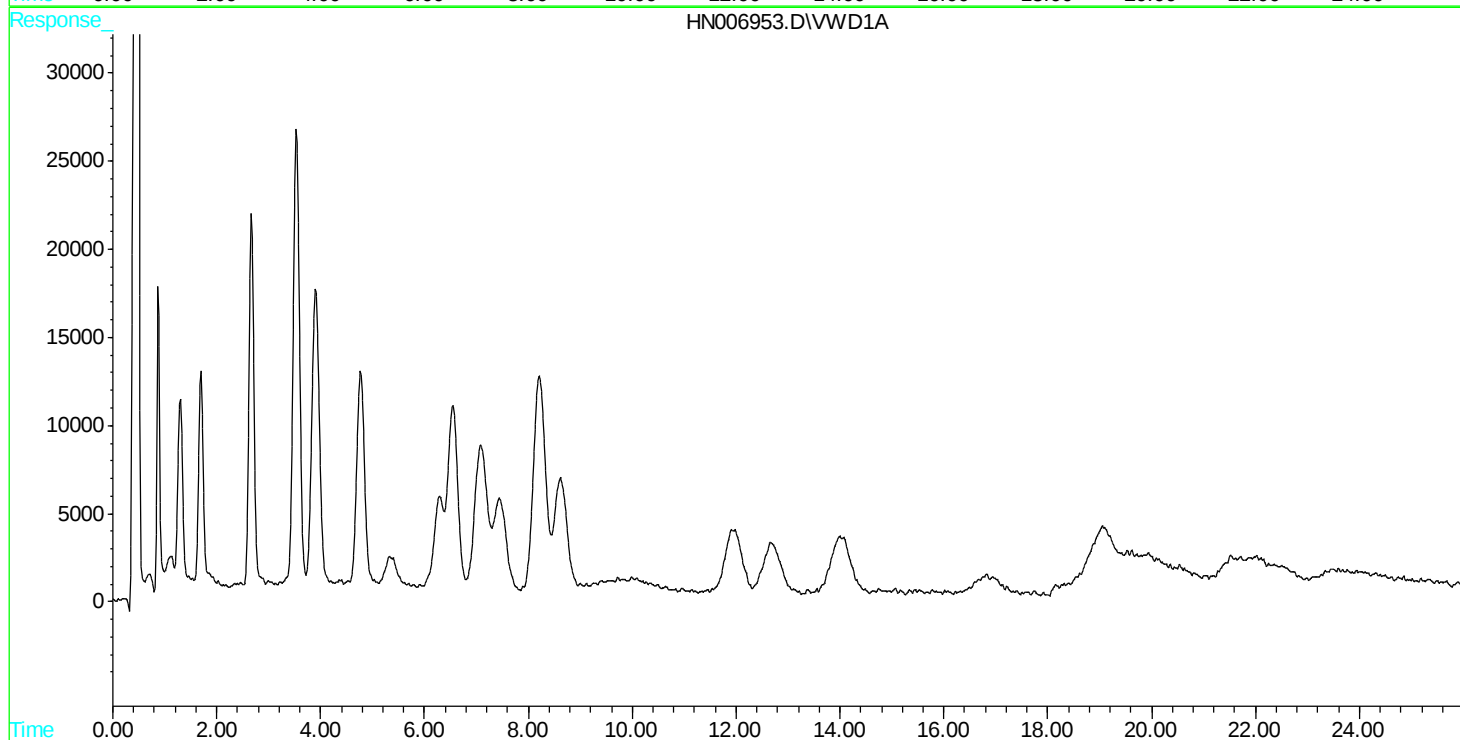
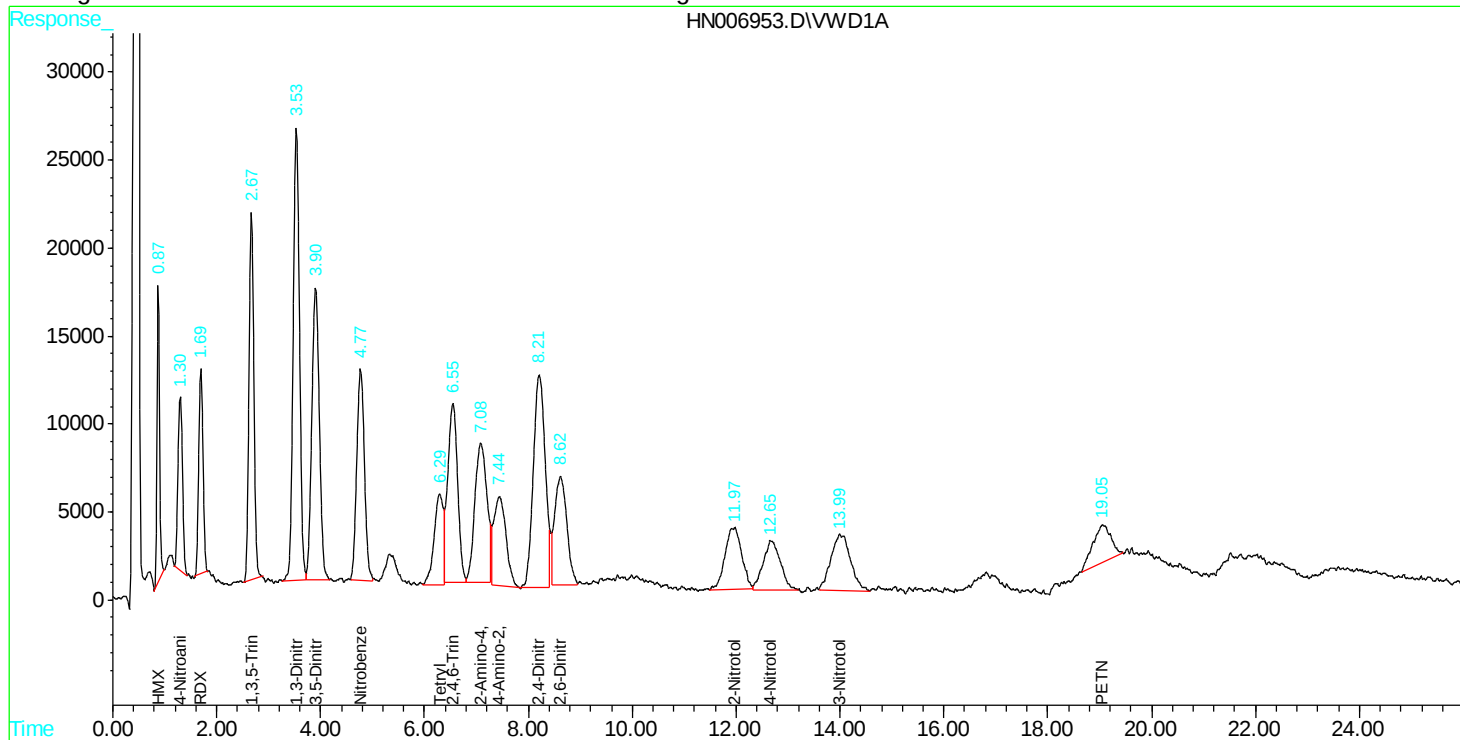
Instrument :
HPLC_N
ClientSampleId :
PB79746BS

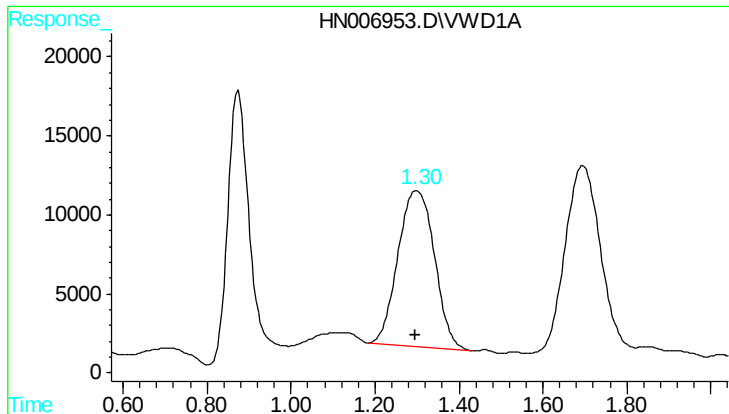
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
Title :
Last Update : Sat Nov 01 07:07:53 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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 :





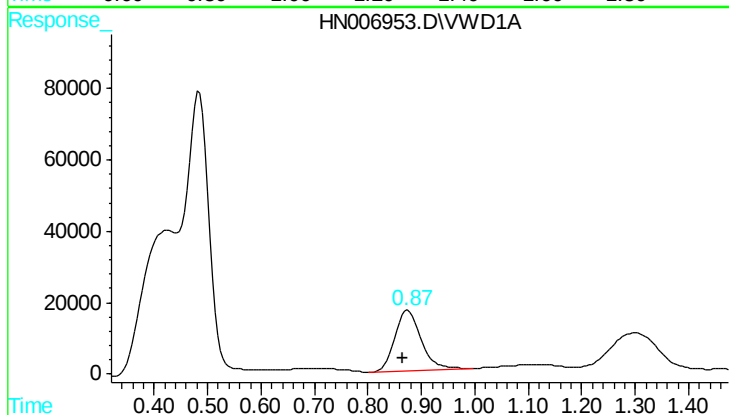
#1 4-Nitroaniline

R.T.: 1.298 min
Delta R.T.: 0.002 min
Response: 598848
Conc: 164.73 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79746BS

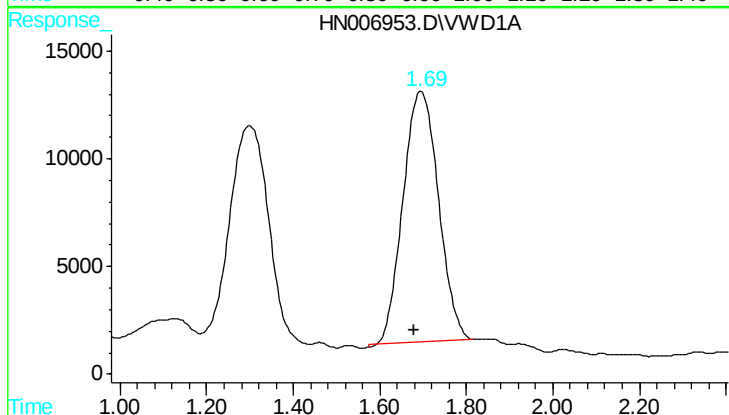
Manual Integrations
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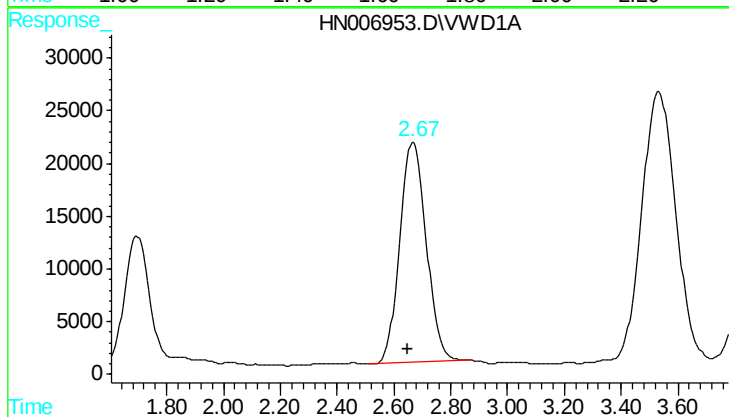
#2 HMX

R.T.: 0.875 min
Delta R.T.: 0.009 min
Response: 580543
Conc: 133.14 ug/L



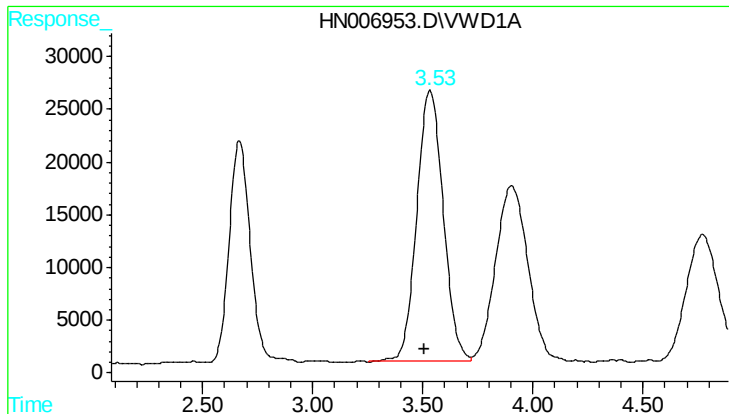
#3 RDX

R.T.: 1.694 min
Delta R.T.: 0.015 min
Response: 662454
Conc: 129.50 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.667 min
Delta R.T.: 0.020 min
Response: 1360236
Conc: 132.89 ug/L



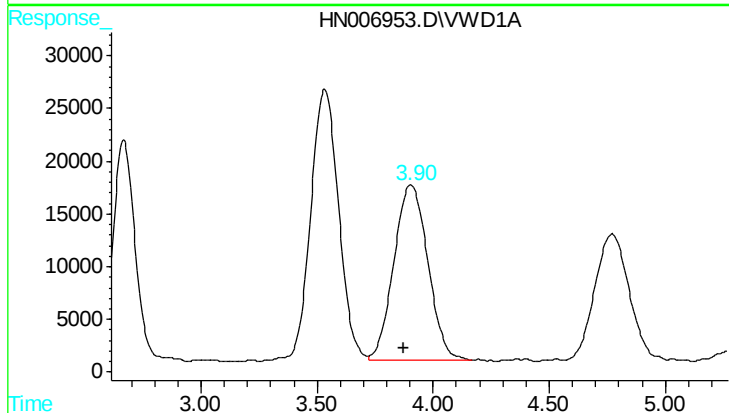
#5 1,3-Dinitrobenzene

R.T.: 3.533 min
Delta R.T.: 0.027 min
Response: 2154305
Conc: 136.33 ng/ml

Instrument :
HPLC_N
ClientSampleId :
PB79746BS

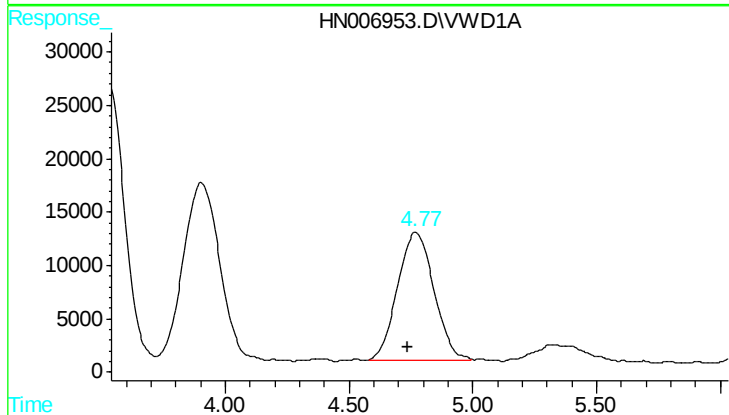
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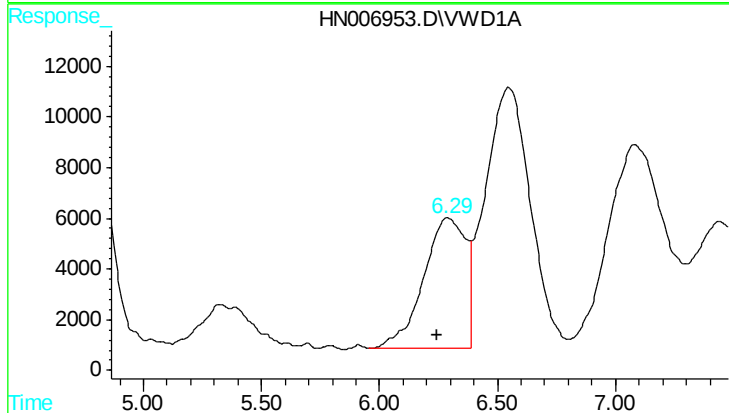
#6 3,5-Dinitroaniline

R.T.: 3.904 min
Delta R.T.: 0.031 min
Response: 1695157
Conc: 151.16 ug/L



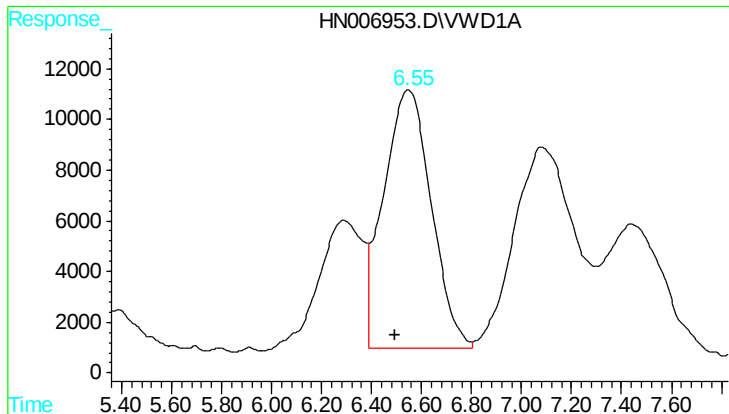
#7 Nitrobenzene

R.T.: 4.769 min
Delta R.T.: 0.032 min
Response: 1227091
Conc: 128.83 ug/L m



#8 Tetryl

R.T.: 6.285 min
Delta R.T.: 0.041 min
Response: 645748
Conc: 131.09 ug/L m



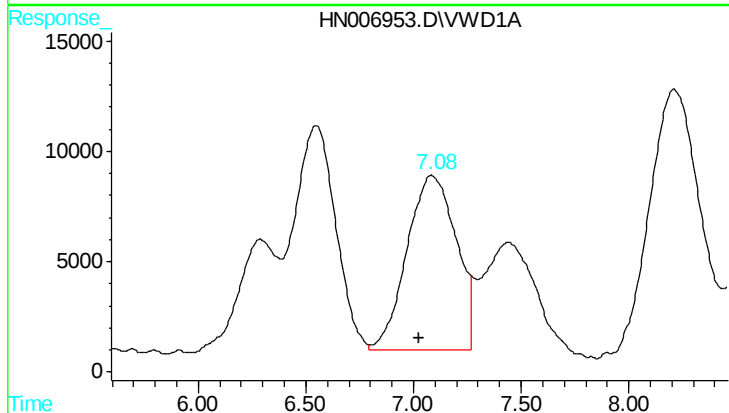
#9 2,4,6-Trinitrotoluene

R.T.: 6.546 min
Delta R.T.: 0.050 min
Response: 1345584
Conc: 132.70 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79746BS

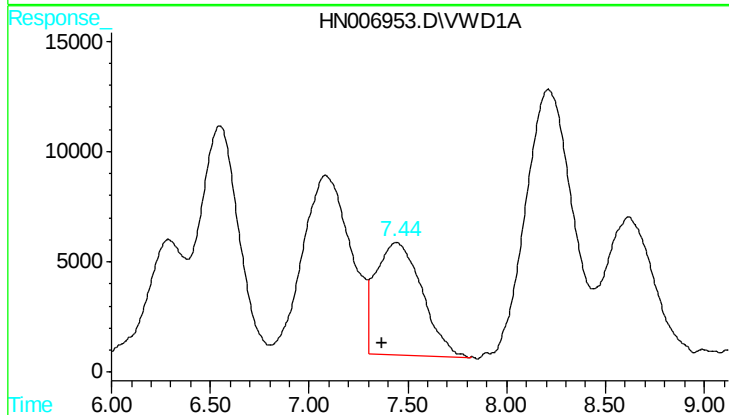
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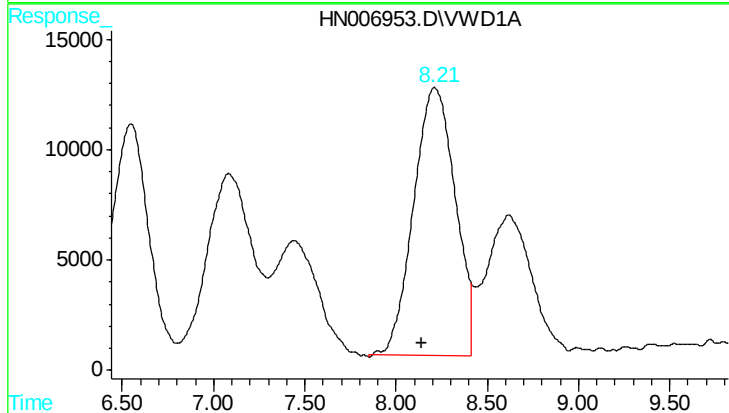
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.080 min
Delta R.T.: 0.053 min
Response: 1259122
Conc: 112.50 ug/L m



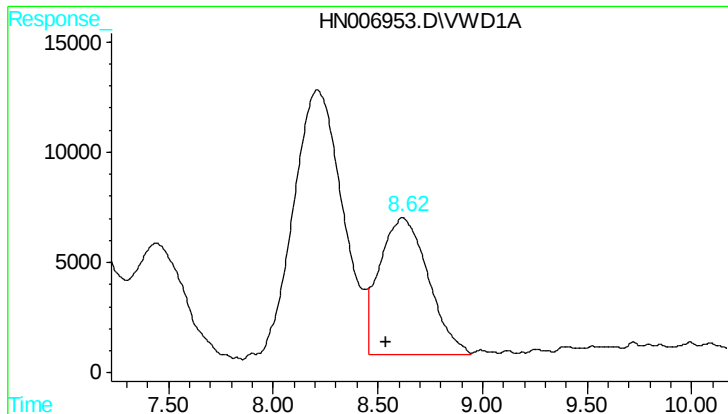
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.437 min
Delta R.T.: 0.068 min
Response: 819260
Conc: 144.37 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.208 min
Delta R.T.: 0.068 min
Response: 1917671
Conc: 129.31 ug/L m



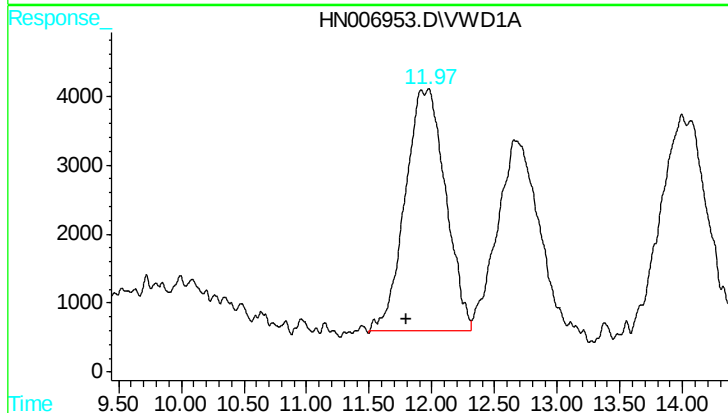
#13 2,6-Dinitrotoluene

R.T.: 8.617 min
Delta R.T.: 0.076 min
Response: 1000707
Conc: 124.82 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79746BS

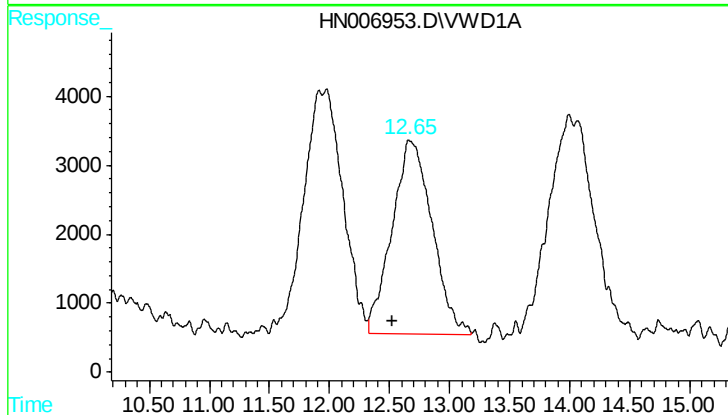
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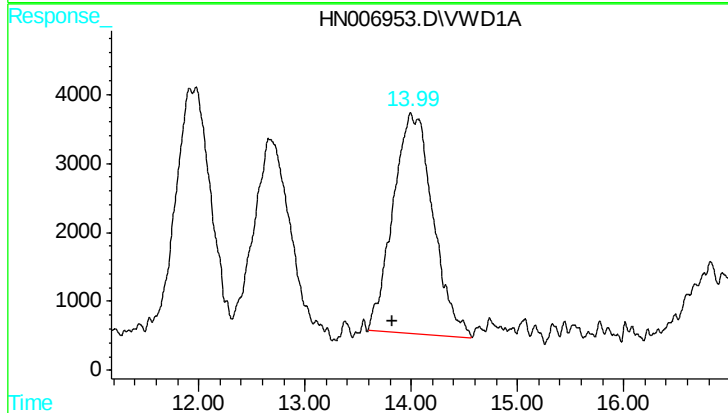
#14 2-Nitrotoluene

R.T.: 11.974 min
Delta R.T.: 0.179 min
Response: 781939
Conc: 123.55 ug/L m



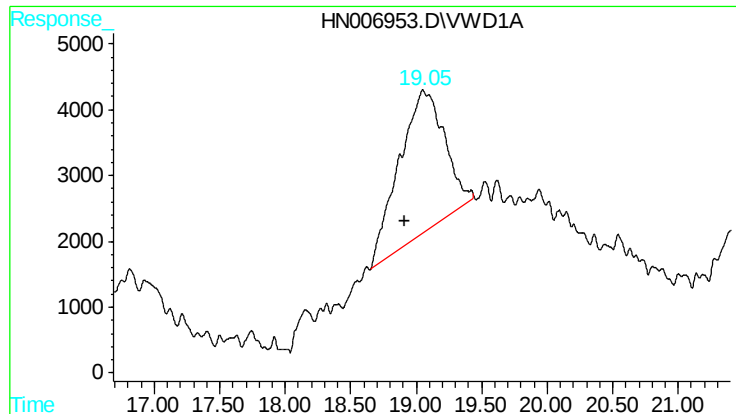
#15 4-Nitrotoluene

R.T.: 12.655 min
Delta R.T.: 0.132 min
Response: 653725
Conc: 128.51 ug/L m



#16 3-Nitrotoluene

R.T.: 13.993 min
Delta R.T.: 0.165 min
Response: 833281
Conc: 123.15 ug/L m



#17 PETN

R.T.: 19.050 min
Delta R.T.: 0.135 min
Response: 523468
Conc: 62.40 ug/L m

Instrument :
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ClientSampleId :
PB79746BS

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