

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006544.D\VWD1A.CH Vial: 63
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006544.D\VWD1A.CH
 Acq On : 24-Oct-2014, 12:53 Operator: HNP
 Sample : F4368-10MSD Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 27 21:36 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SB40-1014MSD

Manual Integrations
 APPROVED

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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Sat Oct 25 01:28:50 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	593586	149.348 ug/L m
Target Compounds			
2) T HMX	0.87	613575	126.866 ug/L
3) T RDX	1.69	676308	123.356 ug/L
4) T 1,3,5-Trinitrobenzene	2.66	1353219	126.181 ug/L
5) T 1,3-Dinitrobenzene	3.55	2225858	135.936 ng/ml
6) T 3,5-Dinitroaniline	3.92	1635732	140.372 ug/L
7) T Nitrobenzene	4.83	1342707	133.990 ug/L
8) T Tetryl	6.37	706332	110.777 ug/L m
9) T 2,4,6-Trinitrotoluene	6.65	2135881	198.926 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.16	1552926	134.111 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.54	866396	141.959 ug/L m
12) T 2,4-Dinitrotoluene	8.33	1970690	127.988 ug/L m
13) T 2,6-Dinitrotoluene	8.73	1109867	130.947 ug/L m
14) T 2-Nitrotoluene	12.09	865560	129.240 ug/L m
15) T 4-Nitrotoluene	12.83	703154	128.452 ug/L m
16) T 3-Nitrotoluene	14.18	889106	127.714 ug/L m
17) T PETN	19.28	1104599	134.210 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.

HN006544.D HN100214.M Sat Nov 08 00:27:41 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006544.D\VWD1A.CH Vial: 63
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006544.D\VWD1A.CH
Acq On : 24-Oct-2014, 12:53 Operator: HNP
Sample : F4368-10MSD Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 27 21:36 2014 Quant Results File: HN100214.RES

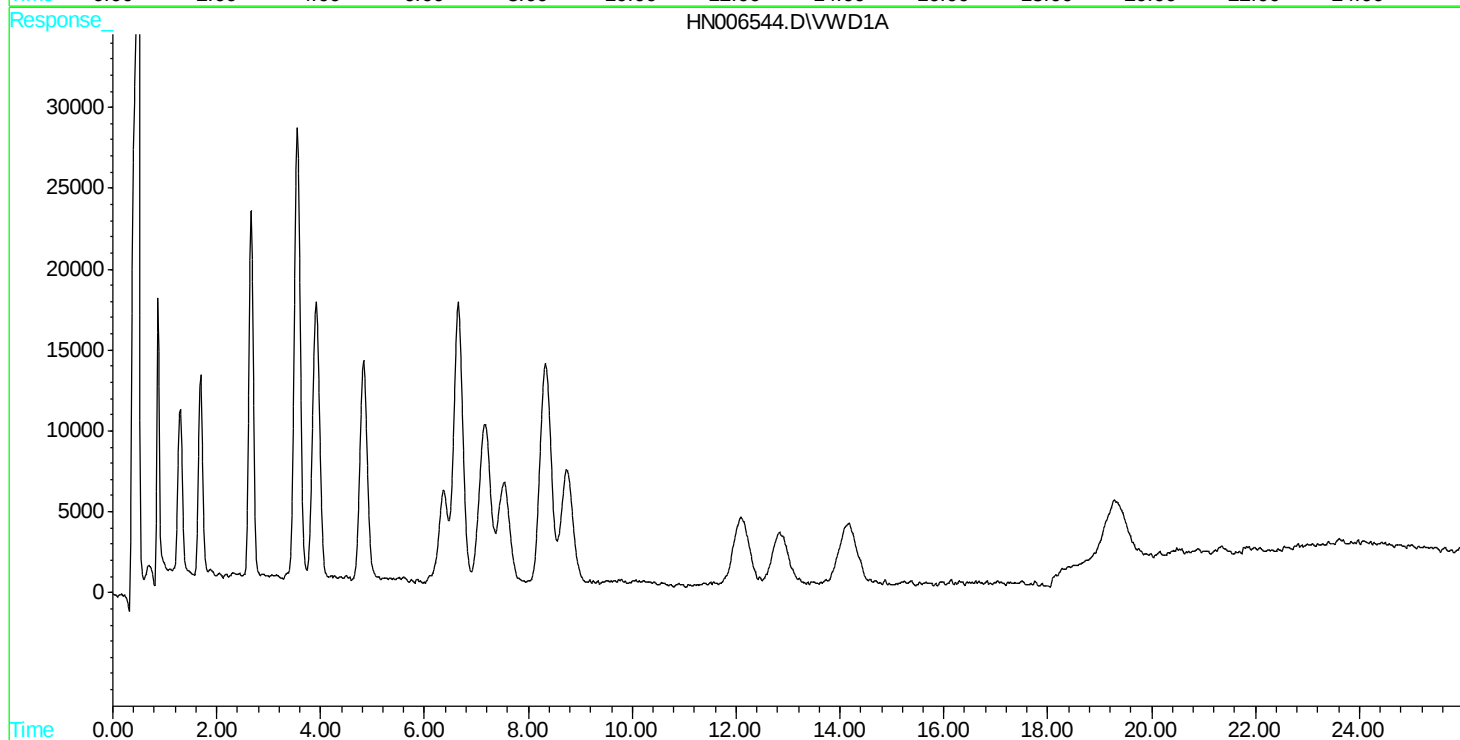
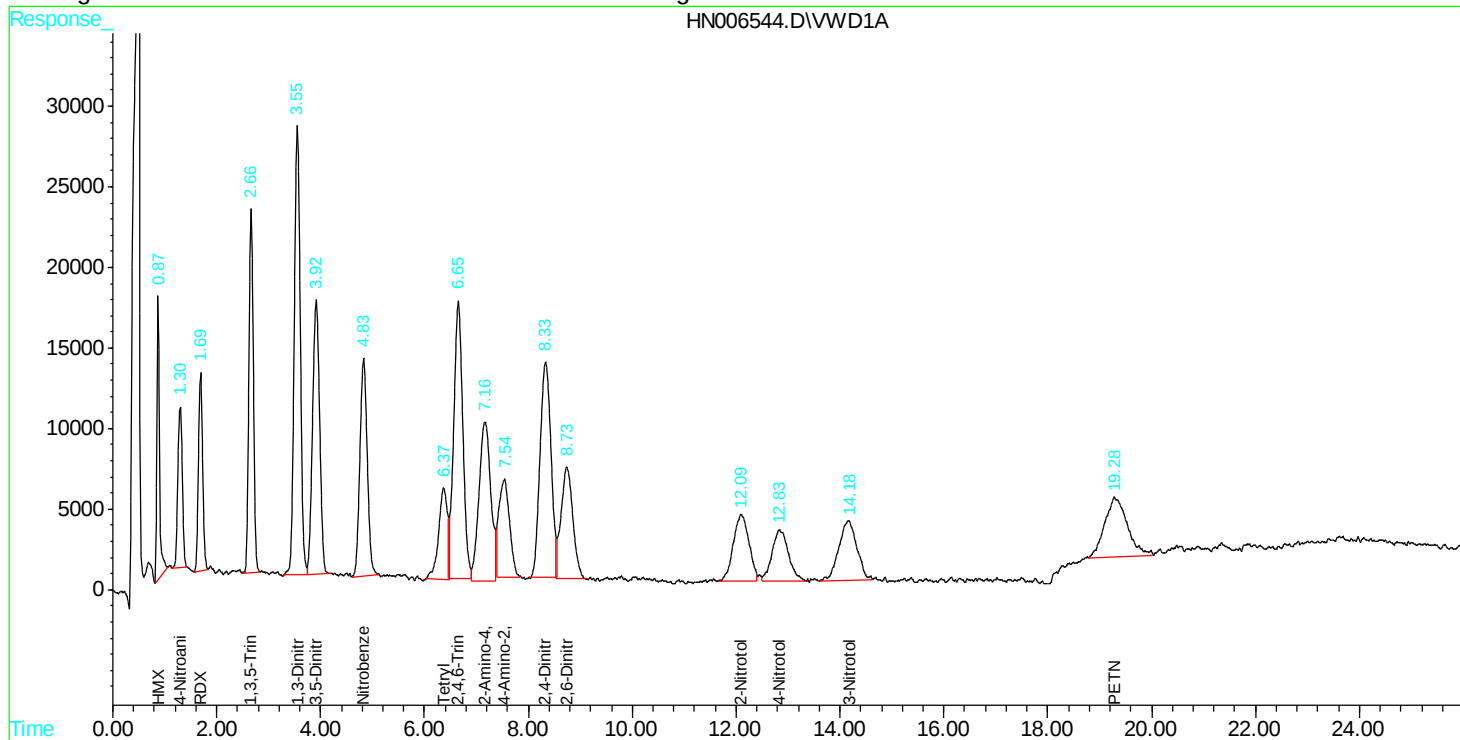
Instrument :
HPLC_N
ClientSampleId :
YS19-SB40-1014MSD

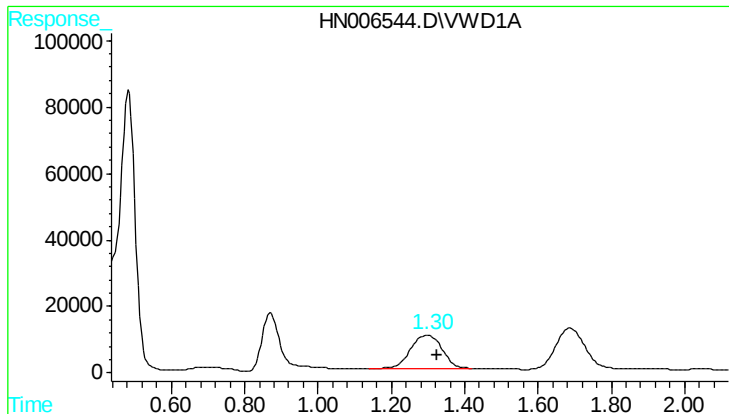
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
Title :
Last Update : Sat Oct 25 01:28:50 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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 :





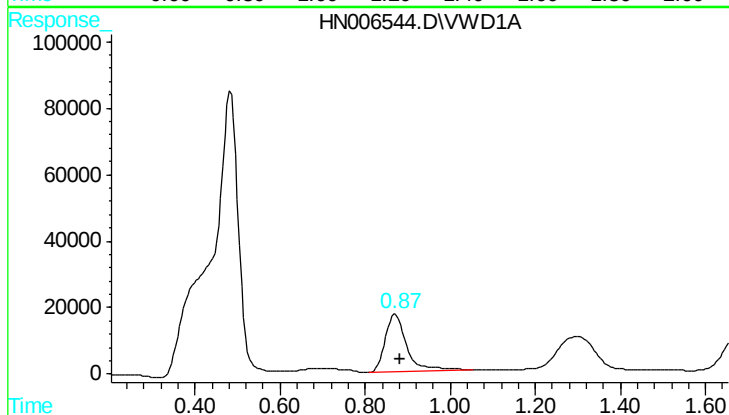
#1 4-Nitroaniline

R.T.: 1.298 min
Delta R.T.: -0.029 min
Response: 593586
Conc: 149.35 ug/L

Instrument :
HPLC_N
ClientSampleId :
YS19-SB40-1014MSD

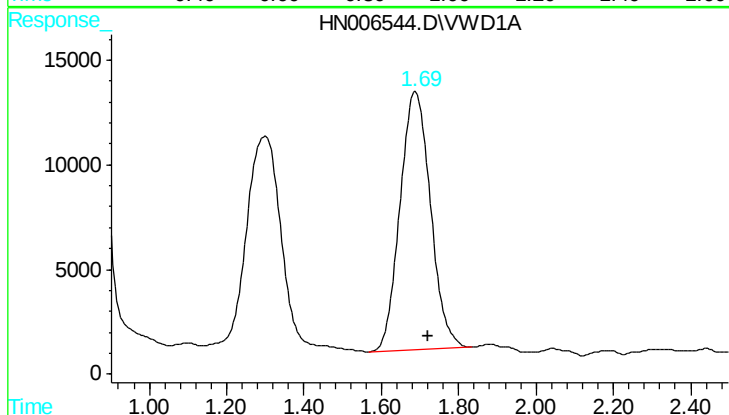
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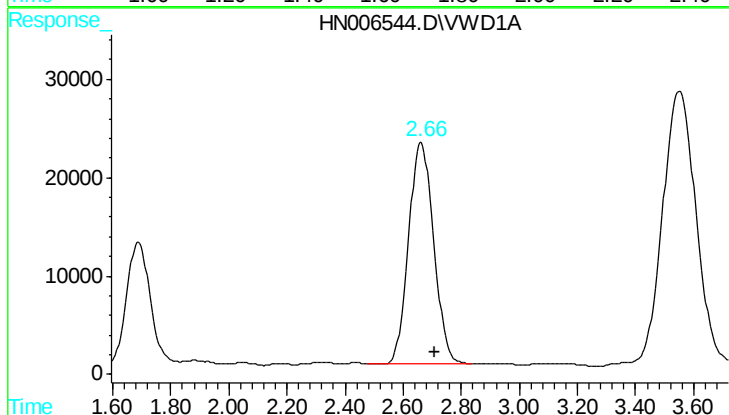
#2 HMX

R.T.: 0.871 min
Delta R.T.: -0.011 min
Response: 613575
Conc: 126.87 ug/L



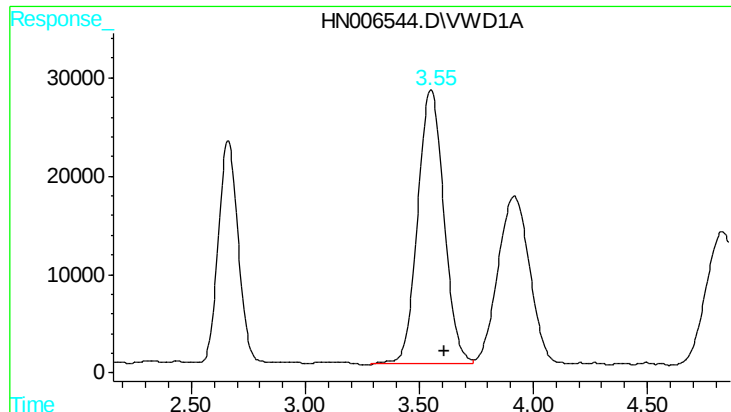
#3 RDX

R.T.: 1.689 min
Delta R.T.: -0.033 min
Response: 676308
Conc: 123.36 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.662 min
Delta R.T.: -0.046 min
Response: 1353219
Conc: 126.18 ug/L



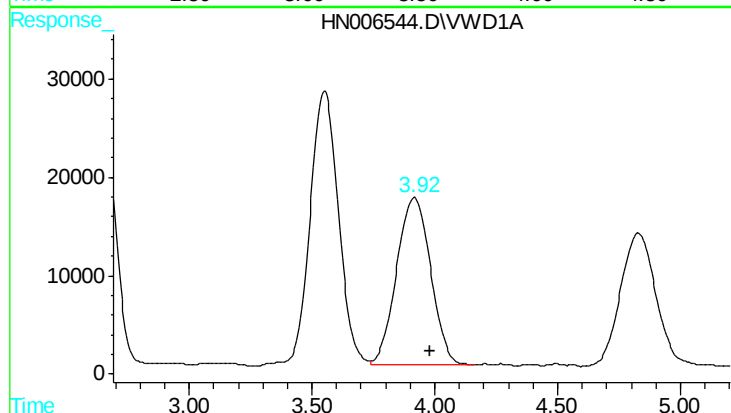
#5 1,3-Dinitrobenzene

R.T.: 3.552 min
Delta R.T.: -0.057 min
Response: 2225858
Conc: 135.94 ng/ml

Instrument :
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ClientSampleId :
YS19-SB40-1014MSD

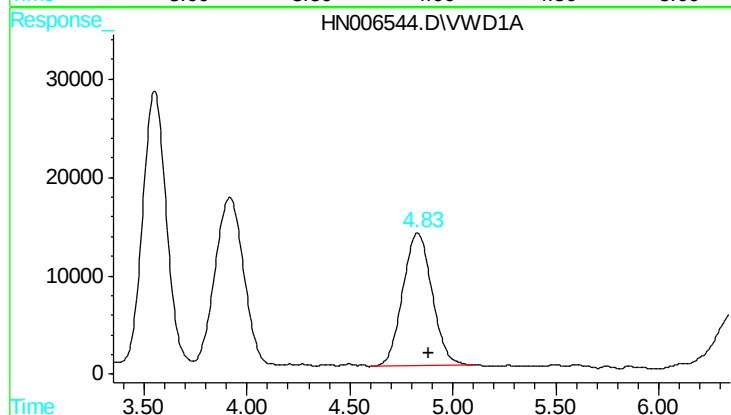
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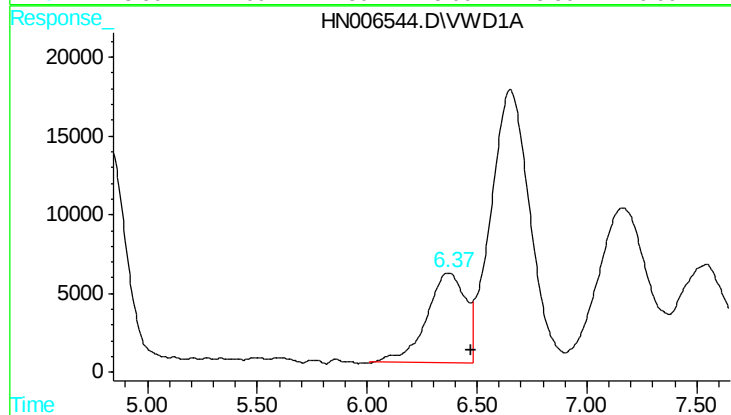
#6 3,5-Dinitroaniline

R.T.: 3.917 min
Delta R.T.: -0.067 min
Response: 1635732
Conc: 140.37 ug/L



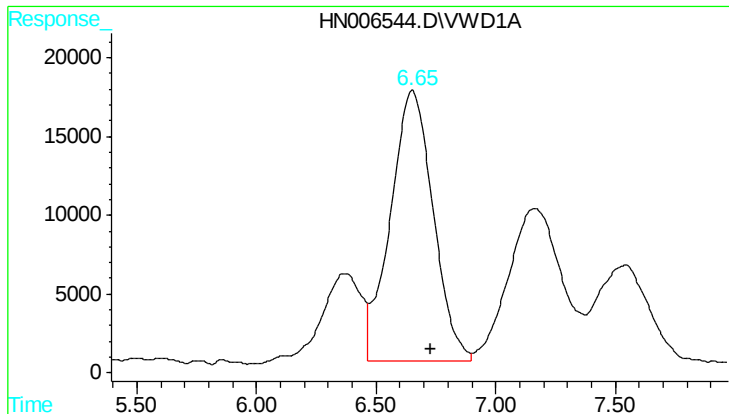
#7 Nitrobenzene

R.T.: 4.829 min
Delta R.T.: -0.054 min
Response: 1342707
Conc: 133.99 ug/L



#8 Tetryl

R.T.: 6.369 min
Delta R.T.: -0.106 min
Response: 706332
Conc: 110.78 ug/L m



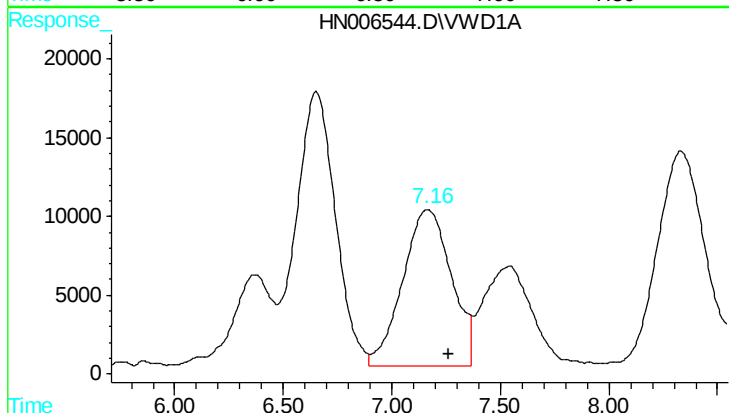
#9 2,4,6-Trinitrotoluene

R.T.: 6.650 min
Delta R.T.: -0.077 min
Response: 2135881
Conc: 198.93 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SB40-1014MSD

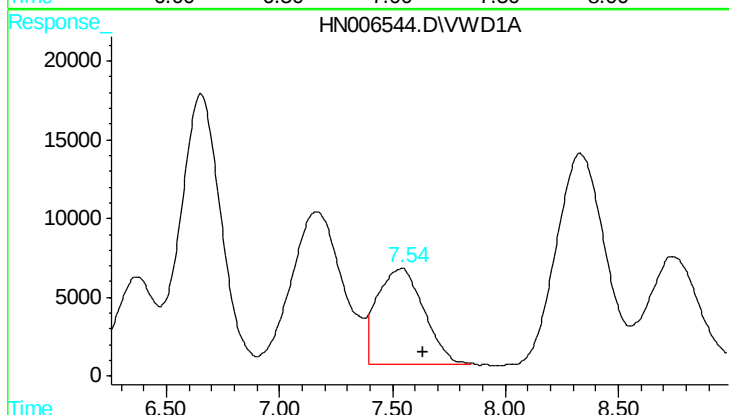
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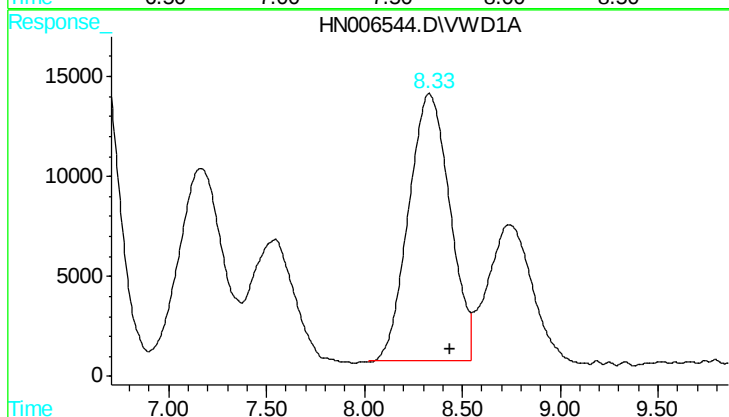
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.164 min
Delta R.T.: -0.098 min
Response: 1552926
Conc: 134.11 ug/L m



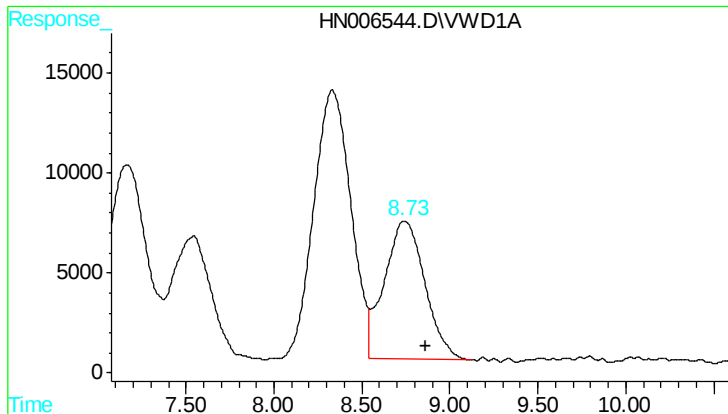
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.544 min
Delta R.T.: -0.090 min
Response: 866396
Conc: 141.96 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.328 min
Delta R.T.: -0.107 min
Response: 1970690
Conc: 127.99 ug/L m



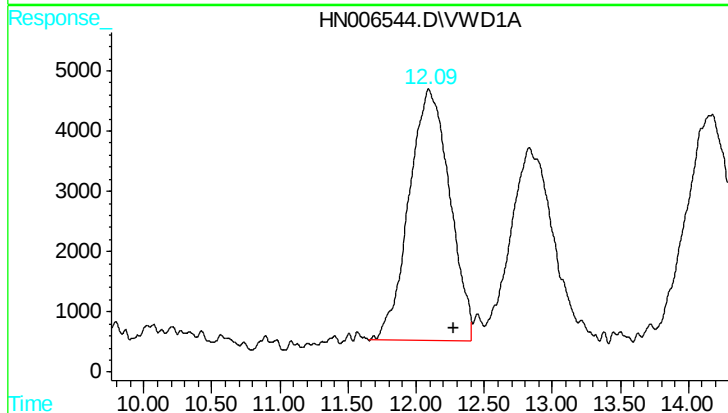
#13 2,6-Dinitrotoluene

R.T.: 8.732 min
Delta R.T.: -0.130 min
Response: 1109867
Conc: 130.95 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SB40-1014MSD

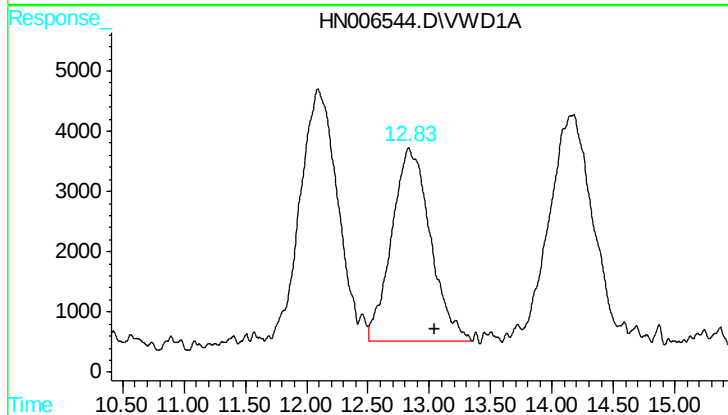
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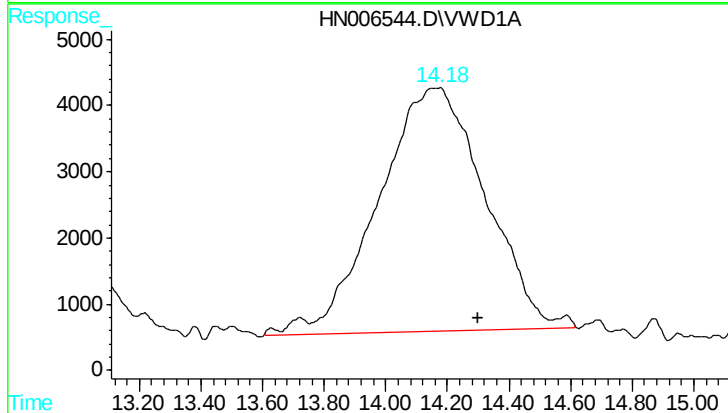
#14 2-Nitrotoluene

R.T.: 12.089 min
Delta R.T.: -0.192 min
Response: 865560
Conc: 129.24 ug/L m



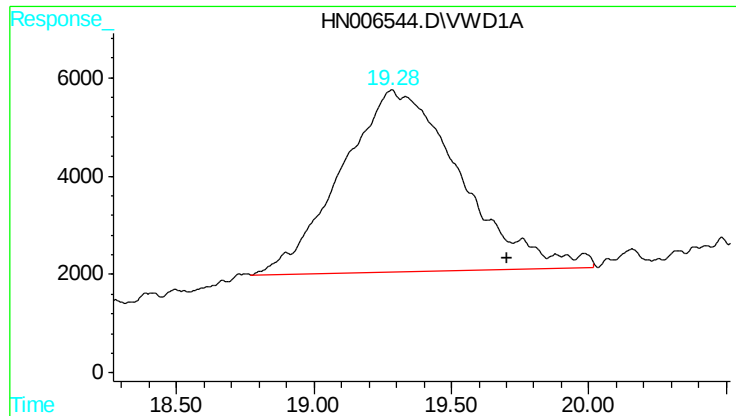
#15 4-Nitrotoluene

R.T.: 12.828 min
Delta R.T.: -0.216 min
Response: 703154
Conc: 128.45 ug/L m



#16 3-Nitrotoluene

R.T.: 14.176 min
Delta R.T.: -0.124 min
Response: 889106
Conc: 127.71 ug/L m



#17 PETN

R.T.: 19.280 min
Delta R.T.: -0.423 min
Response: 1104599
Conc: 134.21 ug/L m

Instrument :
HPLC_N
ClientSampleId :
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Manual Integrations
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