

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070913\HL005520.D Vial: 3
 Acq On : 09-Jul-2013, 13:52 Operator: QM
 Sample : PB70787BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 9 16:50 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 ClientSampleId :
 PB70787BS

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 09 16:49:28 2013
 Response via : Initial Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.31	1406640	347.331 ug/L
Target Compounds			
2) T HMX	0.88	1145737	248.729 ug/L
3) T RDX	1.71	1392298	275.932 ug/L
4) T 1,3,5-Trinitrobenzene	2.64	2927479	262.611 ug/L
5) T 1,3-Dinitrobenzene	3.50	4135828	264.704 ng/ml
6) T 3,5-Dinitroaniline	3.88	3639037	260.520 ug/L
7) T Nitrobenzene	4.71	2610603	262.266 ug/L
8) T Tetryl	6.19	1585085	249.371 ug/L
9) T 2,4,6-Trinitrotoluene	6.42	2863334	243.853 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.99	2861345	243.375 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.34	1740477	268.858 ug/L
12) T 2,4-Dinitrotoluene	8.04	3892861	260.079 ug/L
13) T 2,6-Dinitrotoluene	8.44	2145540	256.488 ug/L
14) T 2-Nitrotoluene	11.58	1684811	263.962 ug/L
15) T 4-Nitrotoluene	12.32	1417817	262.806 ug/L
16) T 3-Nitrotoluene	13.62	1876593	270.037 ug/L
17) T PETN	19.95	4578033	488.447 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.

HL005520.D HL070213.M

Tue Jul 09 16:50:02 2013

RPT1

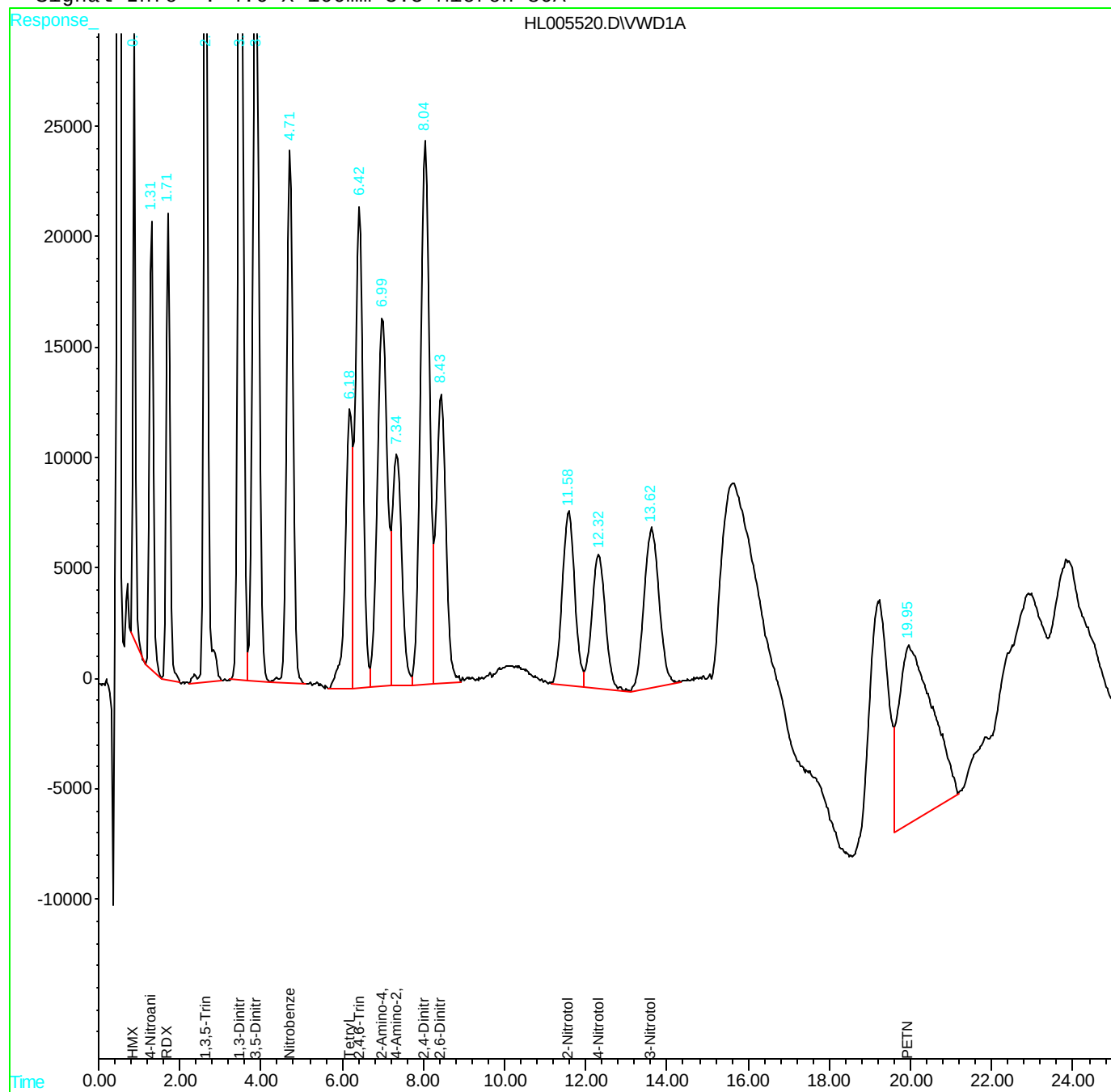
Quantitation Report

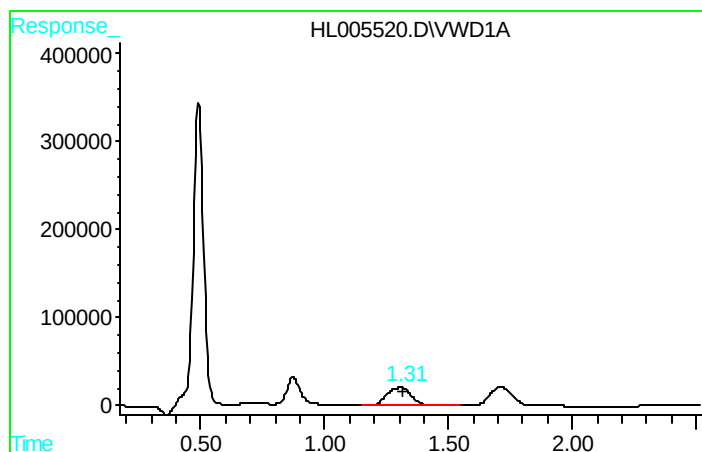
Data File : S:\HPCHEM1\HPLC_L\DATA\HL070913\HL005520.D Vial: 3
 Acq On : 09-Jul-2013, 13:52 Operator: QM
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Instrument :
 HPLC_L
 ClientSampleId :
 PB70787BS

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 09 16:49:28 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

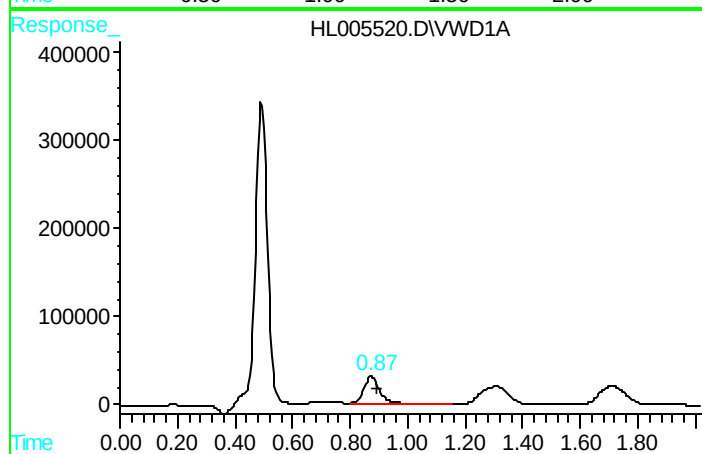




#1 4-Nitroaniline

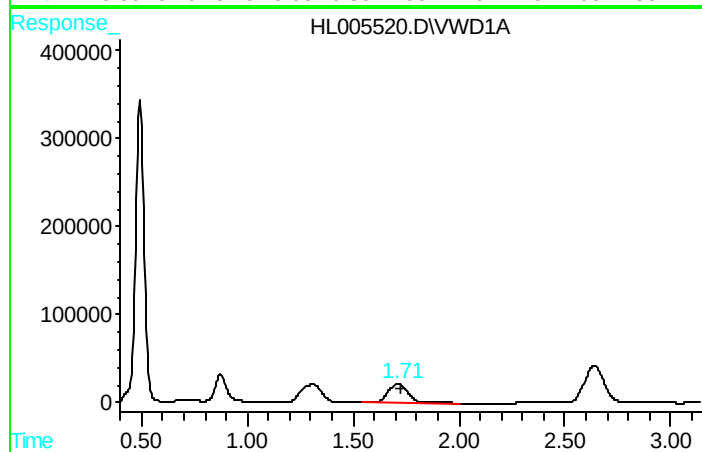
R.T.: 1.305 min
Delta R.T.: -0.015 min
Response: 1406640
Conc: 347.33 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB70787BS



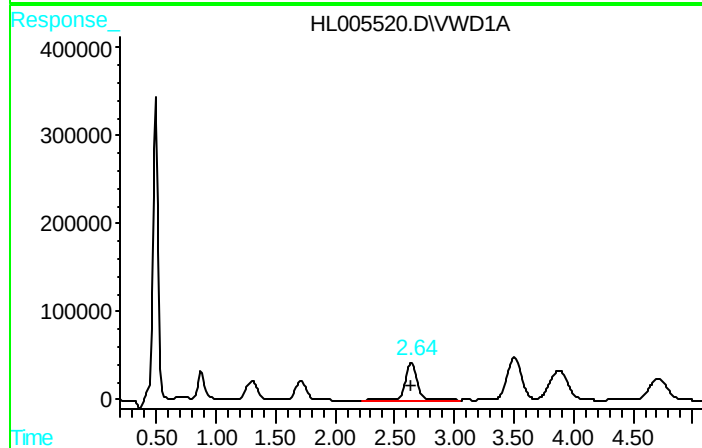
#2 HMX

R.T.: 0.875 min
Delta R.T.: -0.017 min
Response: 1145737
Conc: 248.73 ug/L



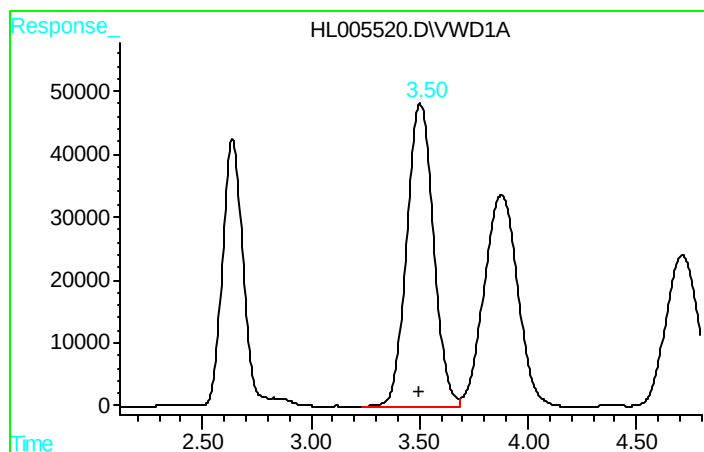
#3 RDX

R.T.: 1.712 min
Delta R.T.: -0.012 min
Response: 1392298
Conc: 275.93 ug/L



#4 1,3,5-Trinitrobenzene

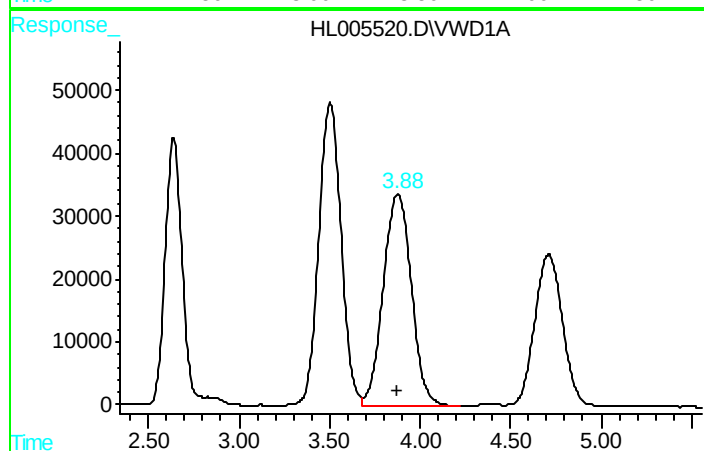
R.T.: 2.640 min
Delta R.T.: -0.002 min
Response: 2927479
Conc: 262.61 ug/L



#5 1,3-Dinitrobenzene

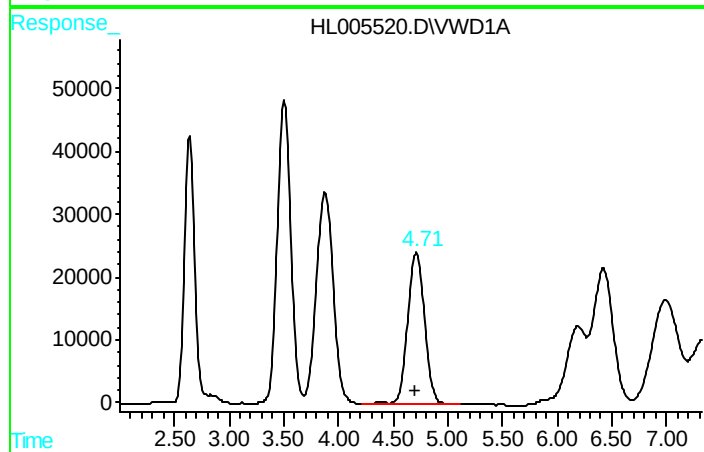
R.T.: 3.504 min
Delta R.T.: 0.008 min
Response: 4135828
Conc: 264.70 ng/ml

Instrument :
HPLC_L
ClientSampled :
PB70787BS



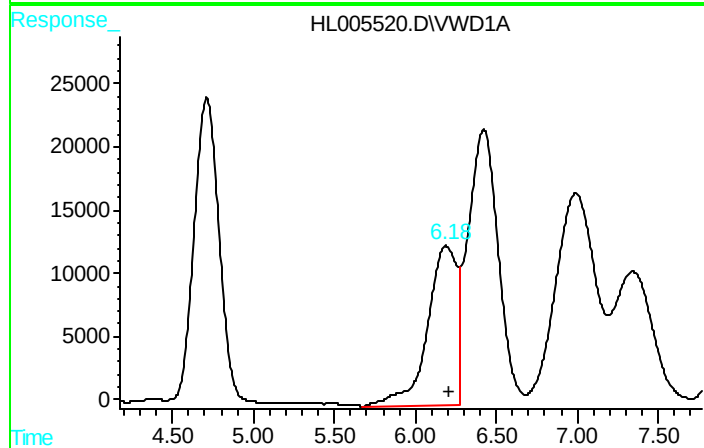
#6 3,5-Dinitroaniline

R.T.: 3.879 min
Delta R.T.: 0.008 min
Response: 3639037
Conc: 260.52 ug/L



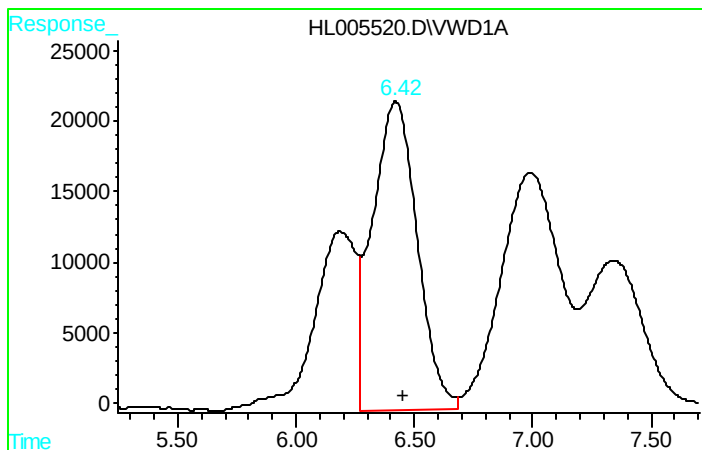
#7 Nitrobenzene

R.T.: 4.712 min
Delta R.T.: 0.012 min
Response: 2610603
Conc: 262.27 ug/L



#8 Tetryl

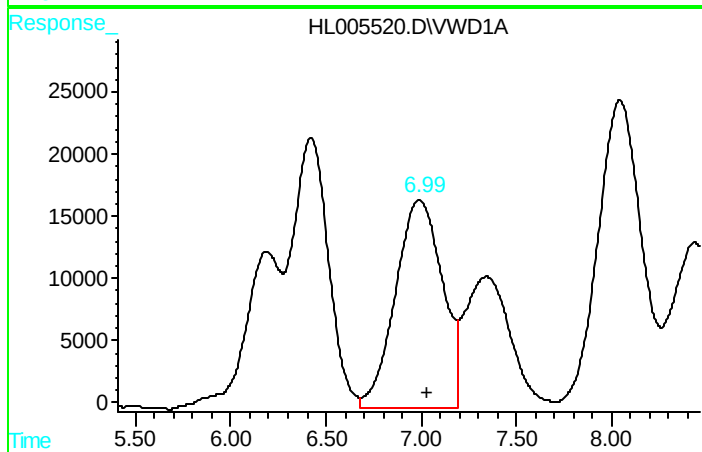
R.T.: 6.189 min
Delta R.T.: -0.022 min
Response: 1585085
Conc: 249.37 ug/L



#9 2,4,6-Trinitrotoluene

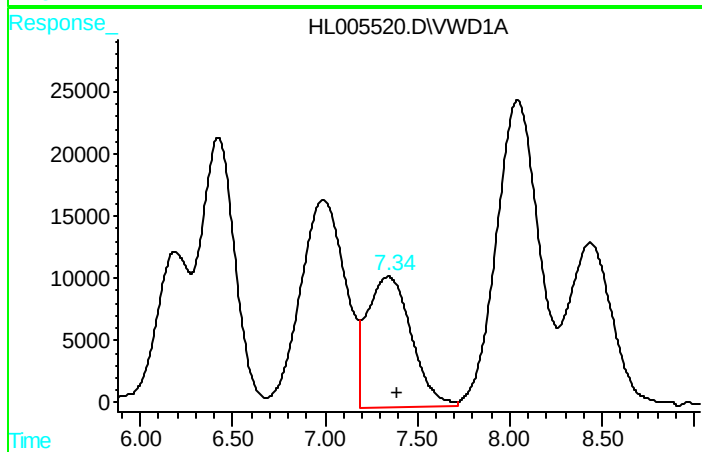
R.T.: 6.422 min
Delta R.T.: -0.032 min
Response: 2863334
Conc: 243.85 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB70787BS



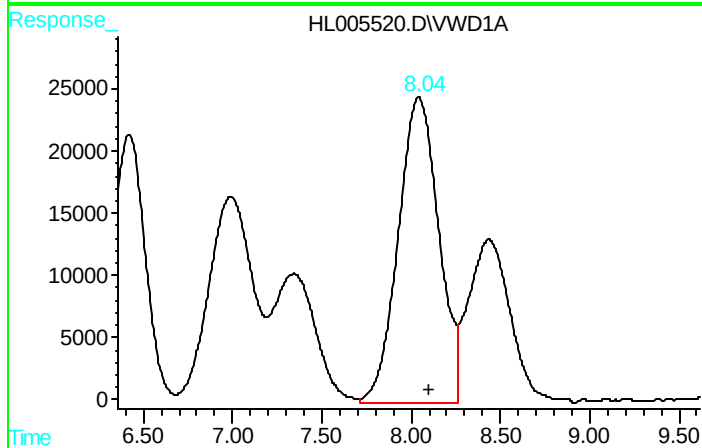
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.992 min
Delta R.T.: -0.036 min
Response: 2861345
Conc: 243.37 ug/L



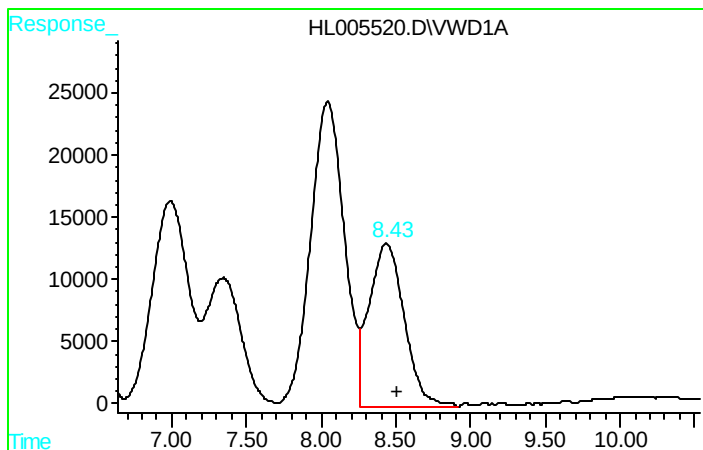
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.343 min
Delta R.T.: -0.044 min
Response: 1740477
Conc: 268.86 ug/L



#12 2,4-Dinitrotoluene

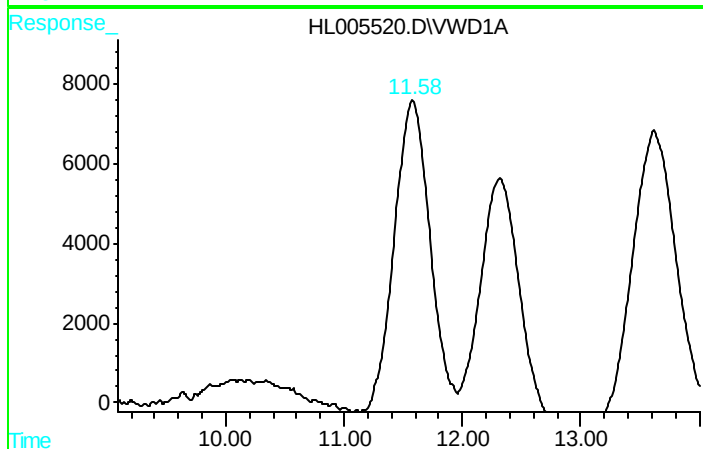
R.T.: 8.043 min
Delta R.T.: -0.059 min
Response: 3892861
Conc: 260.08 ug/L



#13 2,6-Dinitrotoluene

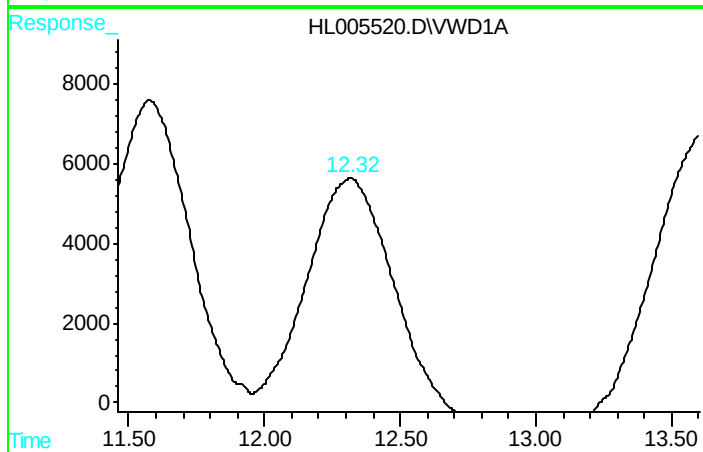
R.T.: 8.436 min
Delta R.T.: -0.070 min
Response: 2145540
Conc: 256.49 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB70787BS



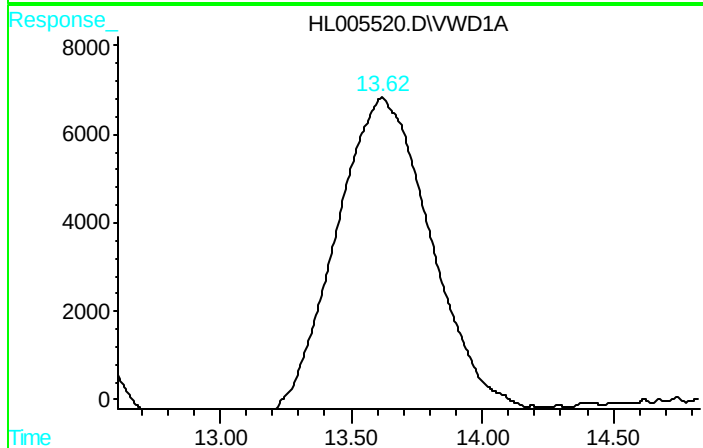
#14 2-Nitrotoluene

R.T.: 11.579 min
Delta R.T.: 0.029 min
Response: 1684811
Conc: 263.96 ug/L



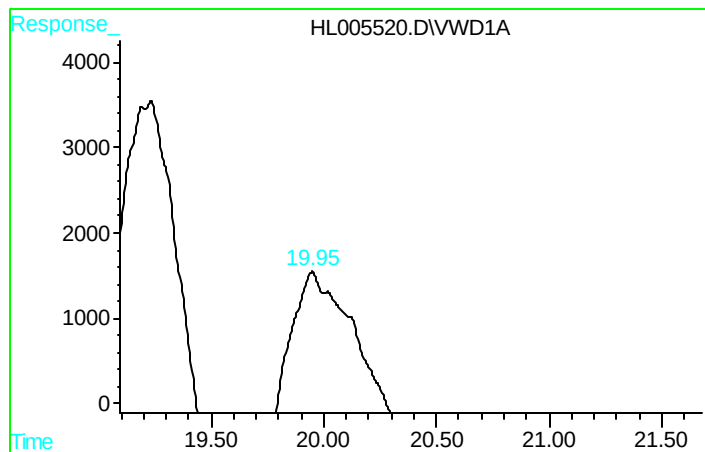
#15 4-Nitrotoluene

R.T.: 12.317 min
Delta R.T.: -0.003 min
Response: 1417817
Conc: 262.81 ug/L



#16 3-Nitrotoluene

R.T.: 13.619 min
Delta R.T.: -0.001 min
Response: 1876593
Conc: 270.04 ug/L



#17 PETN

R.T.: 19.949 min
Delta R.T.: 0.000 min
Response: 4578033
Conc: 488.45 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB70787BS