

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL100413\HL005580.D Vial: 3
 Acq On : 04-Oct-2013, 09:25 Operator: QM
 Sample : HSTDICC1000 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Oct 7 15:50 2013 Quant Results File: HL100413.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC1000

Manual Integrations
 APPROVED

mohammad
 10/9/2013 3:41:34 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL100413.M
 Title :
 Last Update : Mon Oct 07 15:28:23 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	1.34	4359616	1074.490 ug/L m
Target Compounds			
2) T HMX	0.91	4407096	951.790 ug/L
3) T RDX	1.76	5630720	1094.465 ug/L m
4) T 1,3,5-Trinitrobenzene	2.69	11858963	1052.497 ug/L m
5) T 1,3-Dinitrobenzene	3.59	18053265	1129.381 ng/mlm
6) T 3,5-Dinitroaniline	4.00	14081491	1001.366 ug/L m
7) T Nitrobenzene	4.80	10986503	1082.893 ug/L m
8) T Tetryl	6.35	6208755	1016.943 ug/L m
9) T 2,4,6-Trinitrotoluene	6.50	13698485	1165.138 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.17	12895613	1096.651 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.51	6247448	1087.244 ug/L
12) T 2,4-Dinitrotoluene	8.19	17511365	1154.149 ug/L
13) T 2,6-Dinitrotoluene	8.60	7866956	940.833 ug/L
14) T 2-Nitrotoluene	11.71	6689033	1047.932 ug/L m
15) T 4-Nitrotoluene	12.46	4955429	928.352 ug/L m
16) T 3-Nitrotoluene	13.72	6626626	959.775 ug/L m
17) T PETN	19.32	7673687	889.999 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.

Quantitation Report

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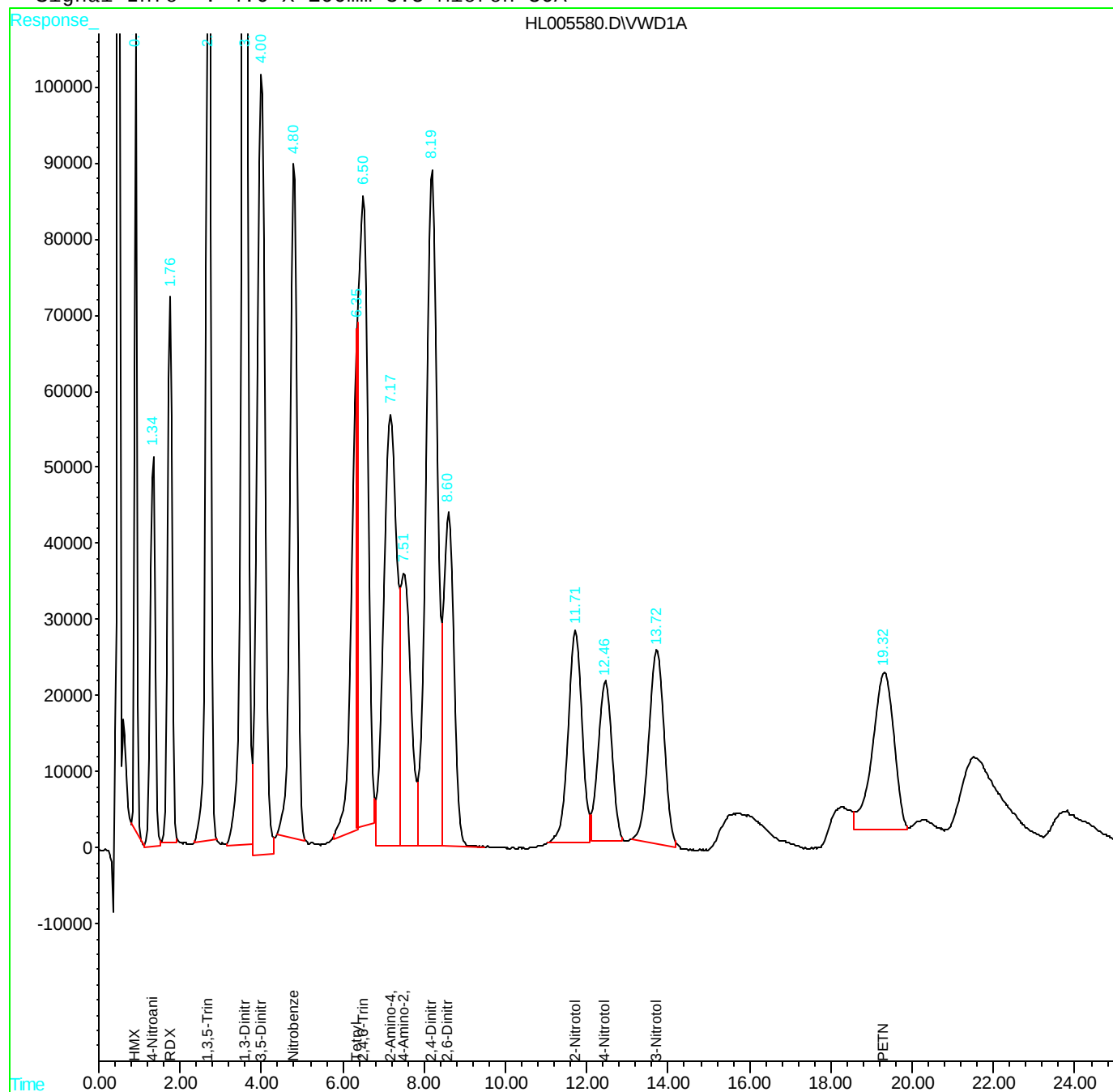
Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC1000

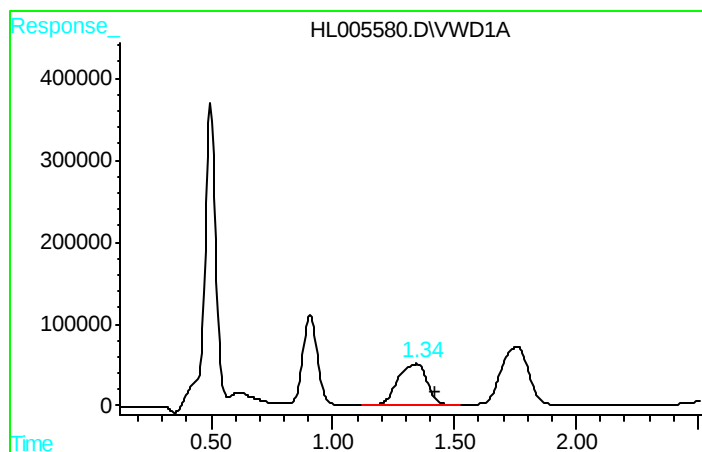
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL100413.M
 Title :
 Last Update : Mon Oct 07 15:28:23 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





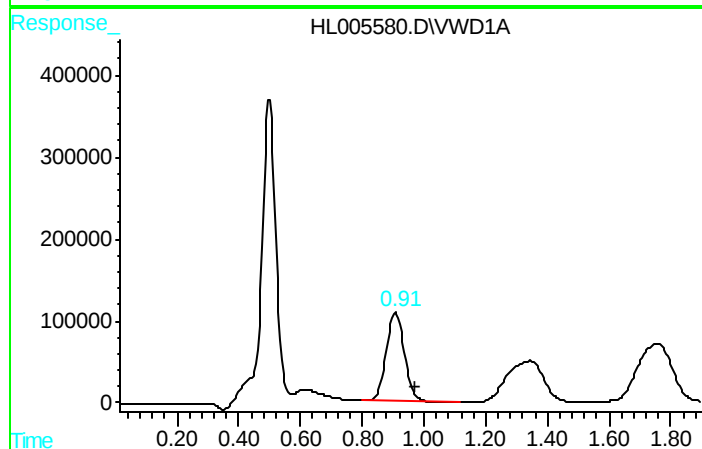
#1 4-Nitroaniline

R.T.: 1.343 min
 Delta R.T.: -0.078 min
 Response: 4359616
 Conc: 1074.49 ug/L

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC1000

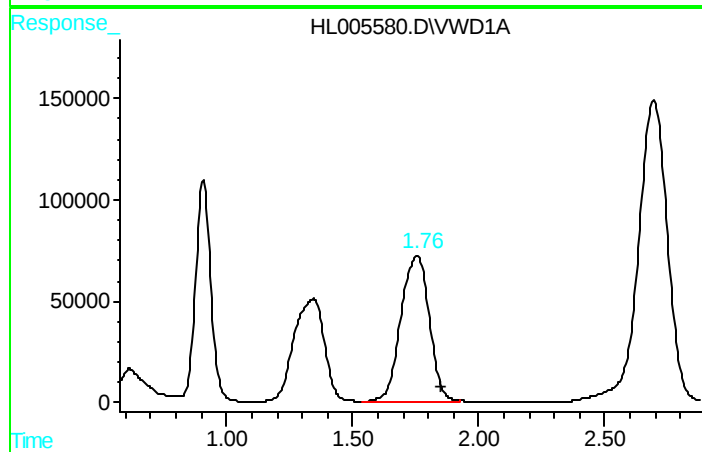
Manual Integrations
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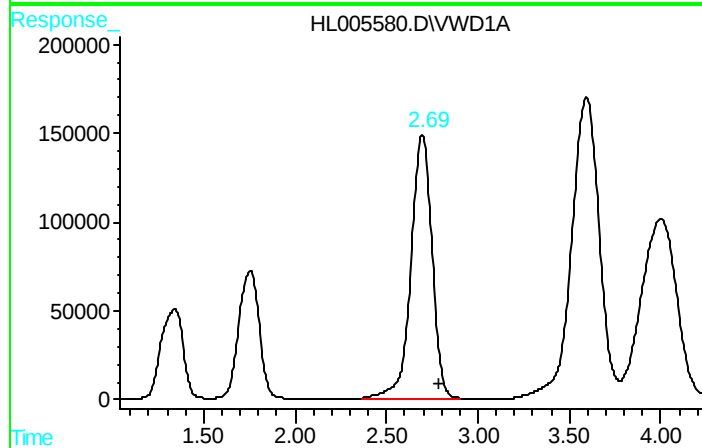
#2 HMX

R.T.: 0.909 min
 Delta R.T.: -0.064 min
 Response: 4407096
 Conc: 951.79 ug/L



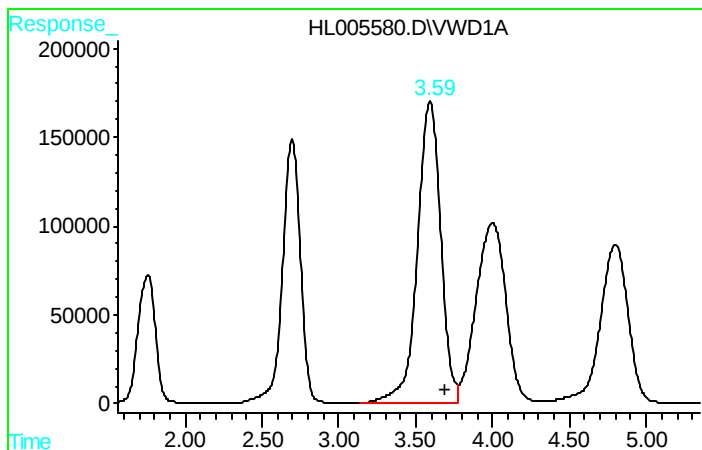
#3 RDX

R.T.: 1.755 min
 Delta R.T.: -0.093 min
 Response: 5630720
 Conc: 1094.46 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.694 min
 Delta R.T.: -0.098 min
 Response: 11858963
 Conc: 1052.50 ug/L m



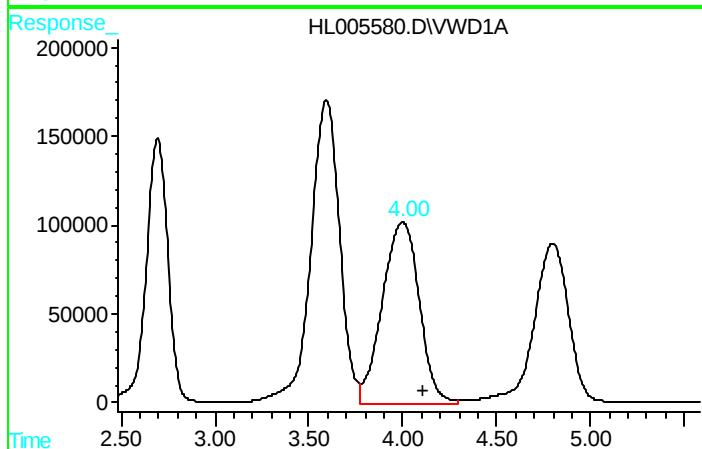
#5 1,3-Dinitrobenzene

R.T.: 3.591 min
Delta R.T.: -0.101 min
Response: 18053265
Conc: 1129.38 ng/ml

Instrument :
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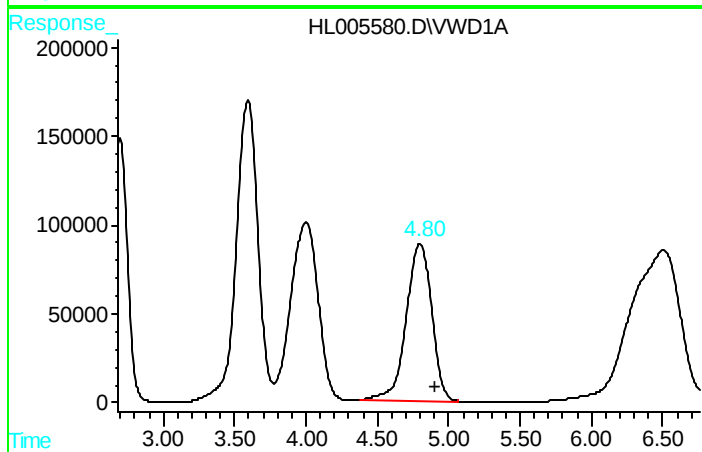
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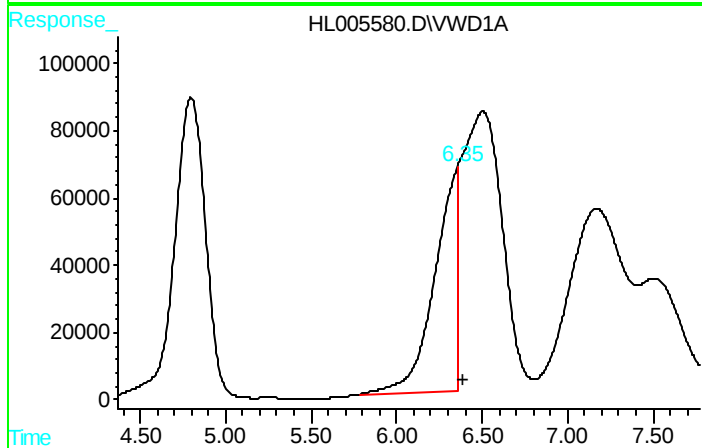
#6 3,5-Dinitroaniline

R.T.: 3.999 min
Delta R.T.: -0.111 min
Response: 14081491
Conc: 1001.37 ug/L m



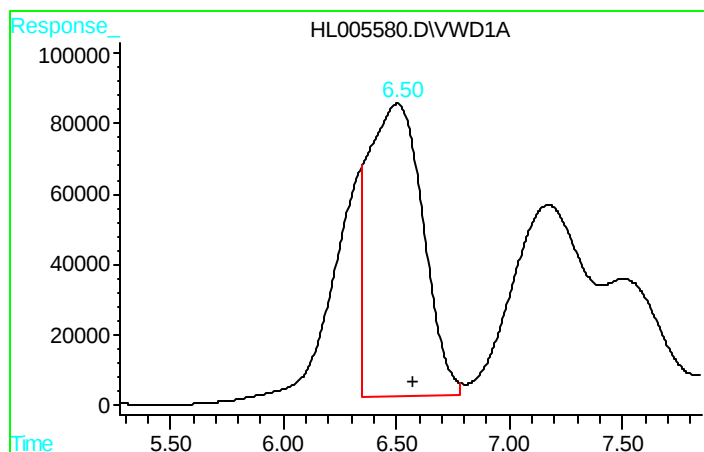
#7 Nitrobenzene

R.T.: 4.797 min
Delta R.T.: -0.104 min
Response: 10986503
Conc: 1082.89 ug/L m



#8 Tetryl

R.T.: 6.354 min
Delta R.T.: -0.039 min
Response: 6208755
Conc: 1016.94 ug/L m



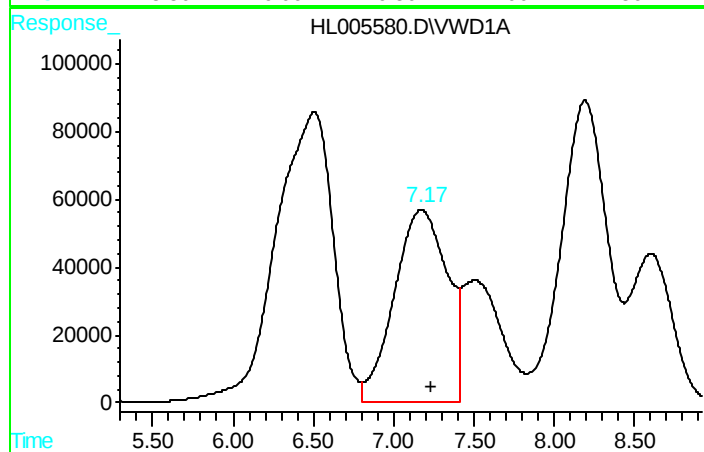
#9 2,4,6-Trinitrotoluene

R.T.: 6.504 min
Delta R.T.: -0.072 min
Response: 13698485
Conc: 1165.14 ug/L

Instrument :
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HSTDICC1000

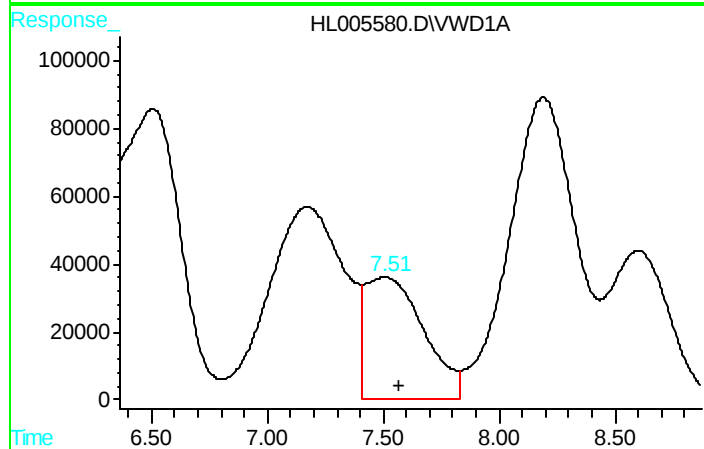
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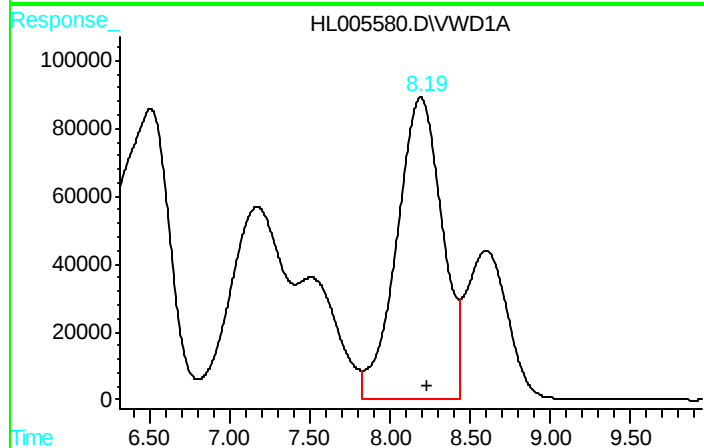
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.173 min
Delta R.T.: -0.058 min
Response: 12895613
Conc: 1096.65 ug/L



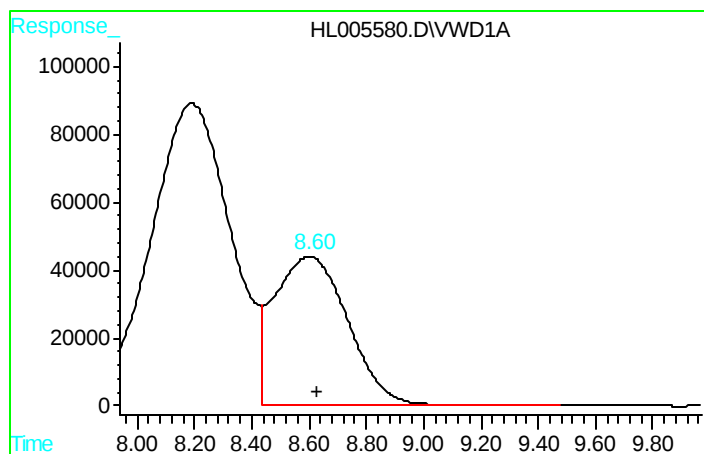
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.506 min
Delta R.T.: -0.064 min
Response: 6247448
Conc: 1087.24 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.191 min
Delta R.T.: -0.040 min
Response: 17511365
Conc: 1154.15 ug/L



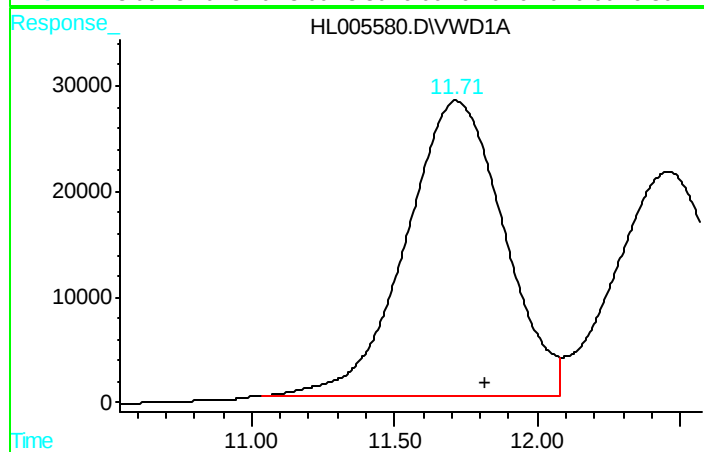
#13 2,6-Dinitrotoluene

R.T.: 8.602 min
Delta R.T.: -0.024 min
Response: 7866956
Conc: 940.83 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDIC1000

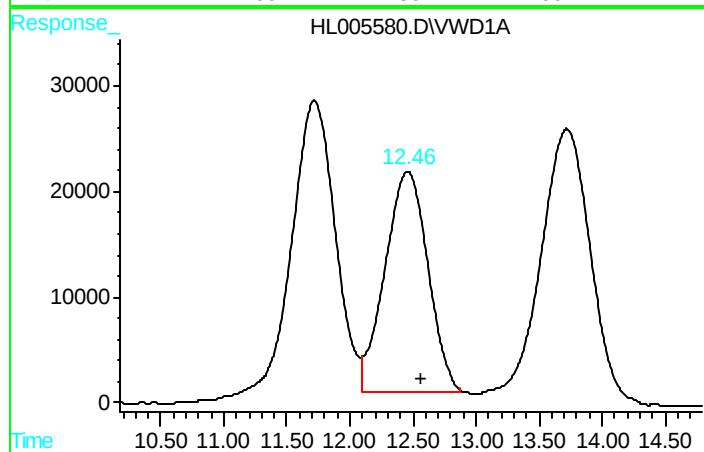
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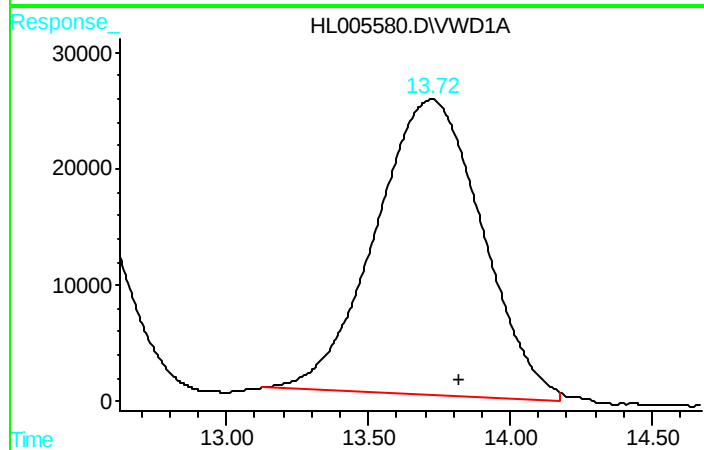
#14 2-Nitrotoluene

R.T.: 11.713 min
Delta R.T.: -0.101 min
Response: 6689033
Conc: 1047.93 ug/L m



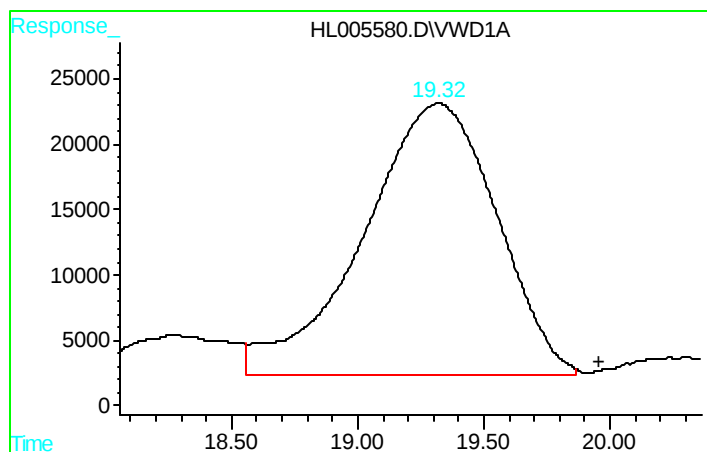
#15 4-Nitrotoluene

R.T.: 12.455 min
Delta R.T.: -0.103 min
Response: 4955429
Conc: 928.35 ug/L m



#16 3-Nitrotoluene

R.T.: 13.722 min
Delta R.T.: -0.097 min
Response: 6626626
Conc: 959.77 ug/L m



#17 PETN

R.T.: 19.316 min
Delta R.T.: -0.638 min
Response: 7673687
Conc: 890.00 ug/L m

Instrument :

HPLC_L

LabSampleId :

HSTDICC1000

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