

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL052213\HL005270.D Vial: 33
 Acq On : 22-May-2013, 14:35 Operator: QM
 Sample : HSTDICC0100 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: May 23 9:57 2013 Quant Results File: HL052213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC0100

Manual Integrations
 APPROVED

mohammad
 5/31/2013 5:15:10 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL052213.M
 Title :
 Last Update : Thu May 23 09:46:47 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	1.32	374489	79.012 ug/L
Target Compounds			
2) T HMX	0.89	443367	84.299 ug/L
3) T RDX	1.71	583754	101.672 ug/L
4) T 1,3,5-Trinitrobenzene	2.65	1075669	99.395 ug/L
5) T 1,3-Dinitrobenzene	3.51	1514327	97.219 ng/mlm
6) T 3,5-Dinitroaniline	3.85	1333184	98.530 ug/L
7) T Nitrobenzene	4.73	960535	96.300 ug/L m
8) T Tetryl	6.26	654722	94.214 ug/L m
9) T 2,4,6-Trinitrotoluene	6.53	1122720	101.558 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.04	1088684	97.029 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.42	627270	108.651 ug/L
12) T 2,4-Dinitrotoluene	8.17	1499143	99.054 ug/L
13) T 2,6-Dinitrotoluene	8.59	815782	101.003 ug/L
14) T 2-Nitrotoluene	11.87	750421	104.341 ug/L m
15) T 4-Nitrotoluene	12.60	593668	102.542 ug/L
16) T 3-Nitrotoluene	13.85	647209	91.648 ug/L
17) T PETN	19.30	2069802	175.874 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.

HL005270.D HL052213.M

Thu May 23 10:47:11 2013

RPT1

Quantitation Report

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL052213\HL005270.D Vial: 33
Acq On : 22-May-2013, 14:35 Operator: QM
Sample : HSTDICC0100 Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: May 23 9:57 2013 Quant Results File: HL052213.RES

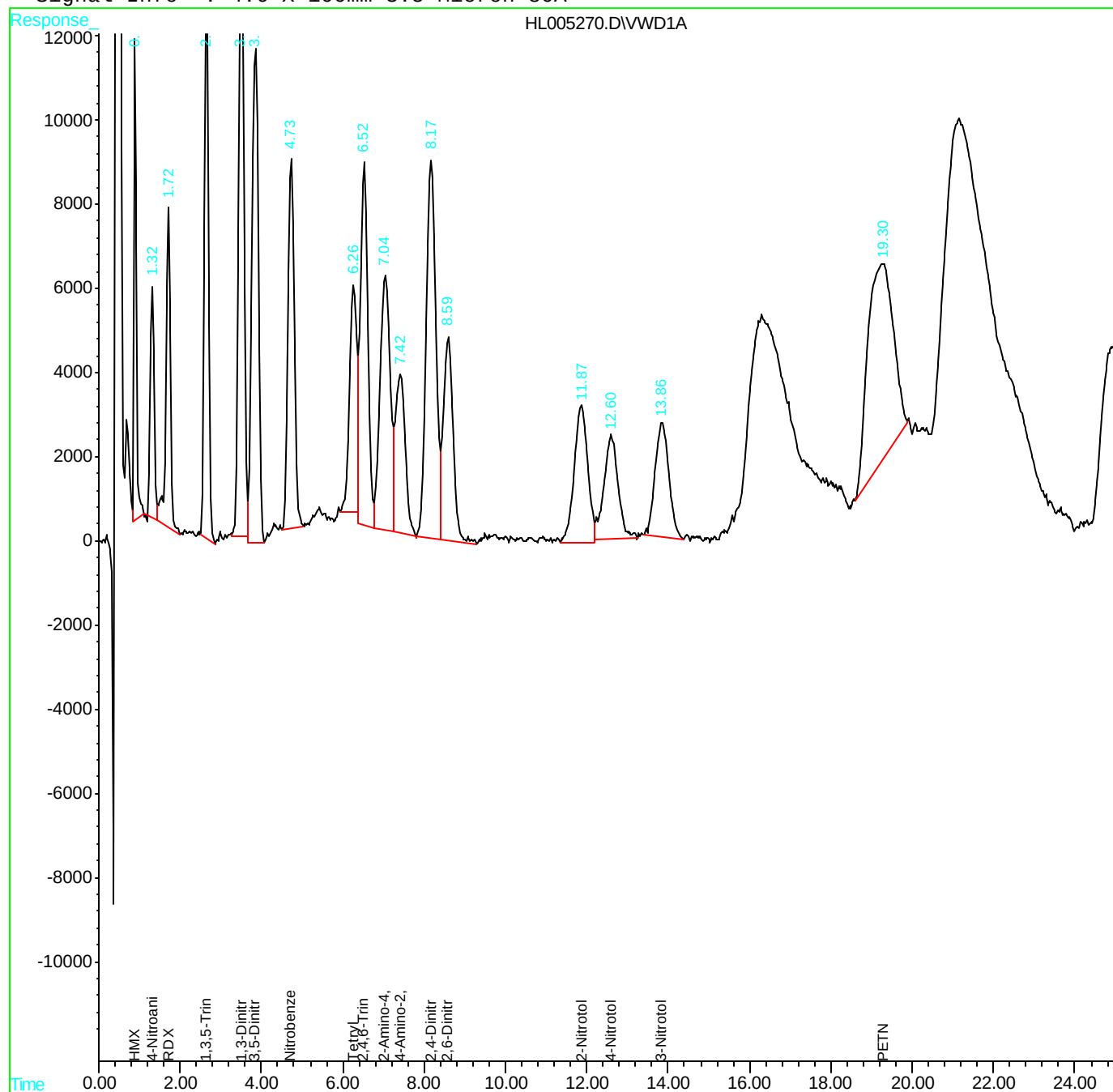
Instrument :
HPLC_L
LabSampleId :
HSTDICC0100

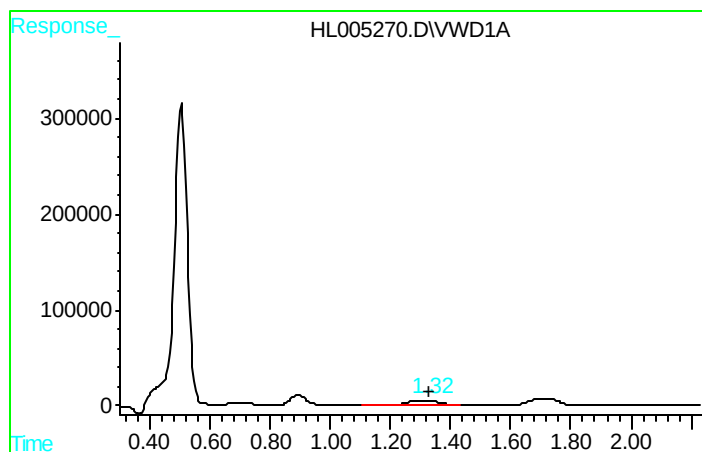
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL052213.M
Title :
Last Update : Thu May 23 09:46:47 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





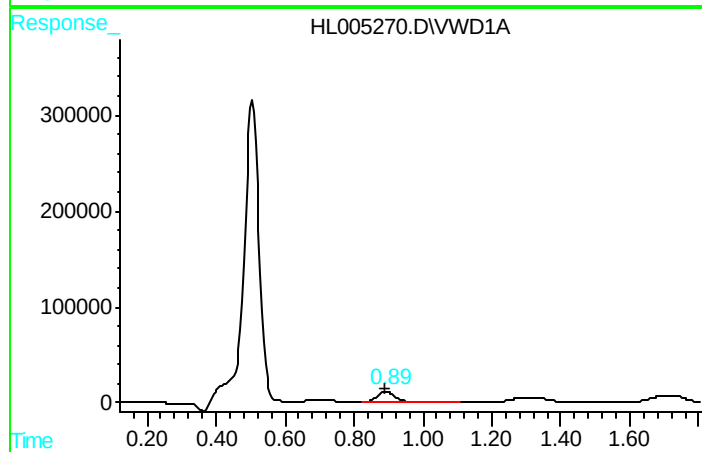
#1 4-Nitroaniline

R.T.: 1.319 min
Delta R.T.: -0.011 min
Response: 374489
Conc: 79.01 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDIC00100

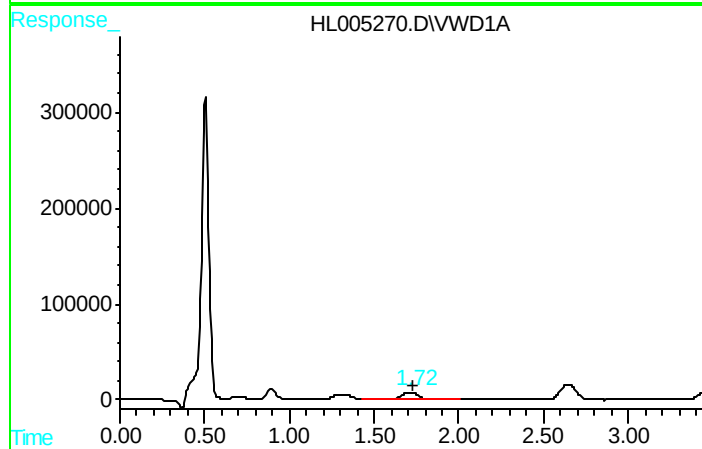
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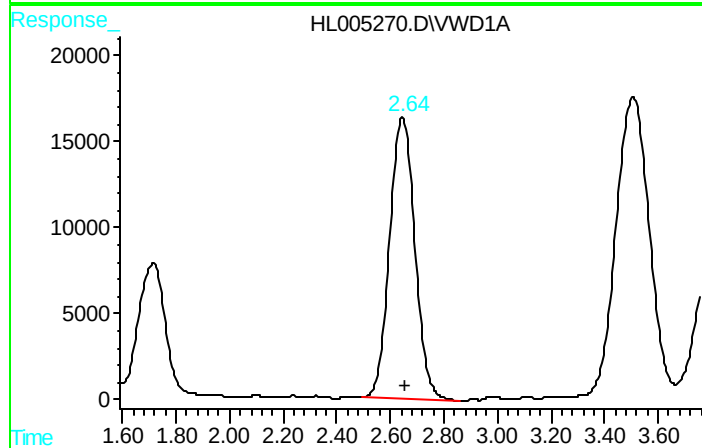
#2 HMX

R.T.: 0.894 min
Delta R.T.: 0.004 min
Response: 443367
Conc: 84.30 ug/L



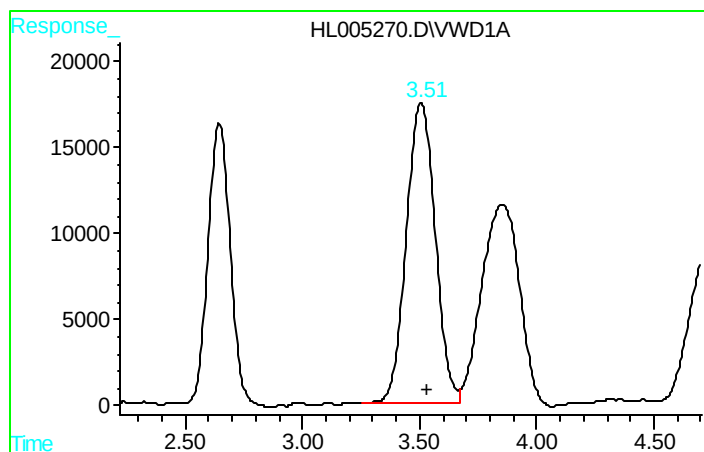
#3 RDX

R.T.: 1.715 min
Delta R.T.: -0.012 min
Response: 583754
Conc: 101.67 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.646 min
Delta R.T.: -0.012 min
Response: 1075669
Conc: 99.40 ug/L



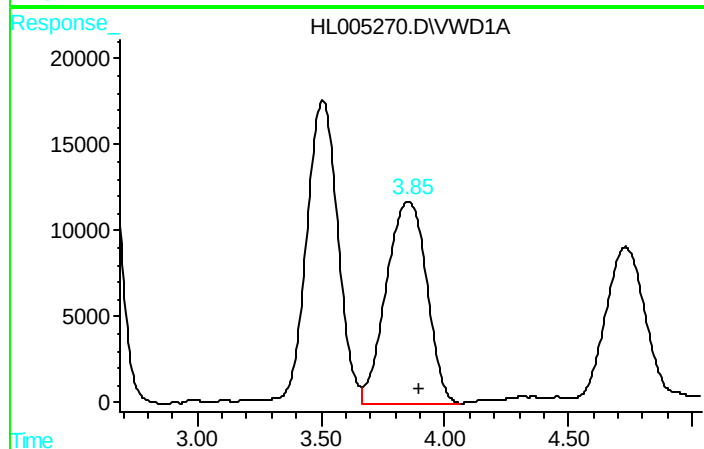
#5 1,3-Dinitrobenzene

R.T.: 3.505 min
Delta R.T.: -0.025 min
Response: 1514327
Conc: 97.22 ng/ml

Instrument :
HPLC_L
LabSampleId :
HSTDICC0100

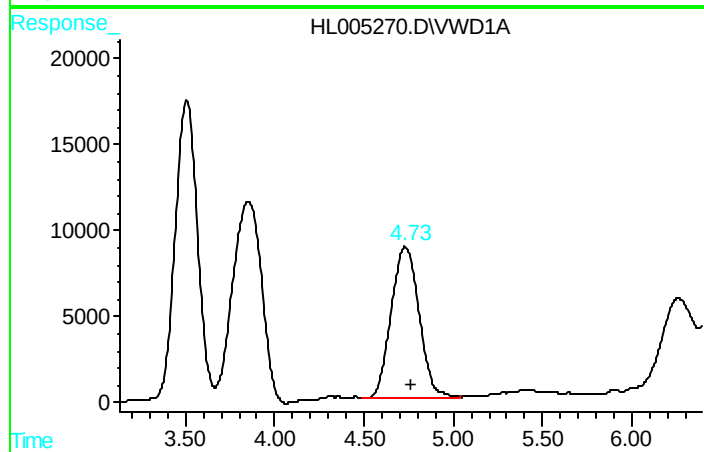
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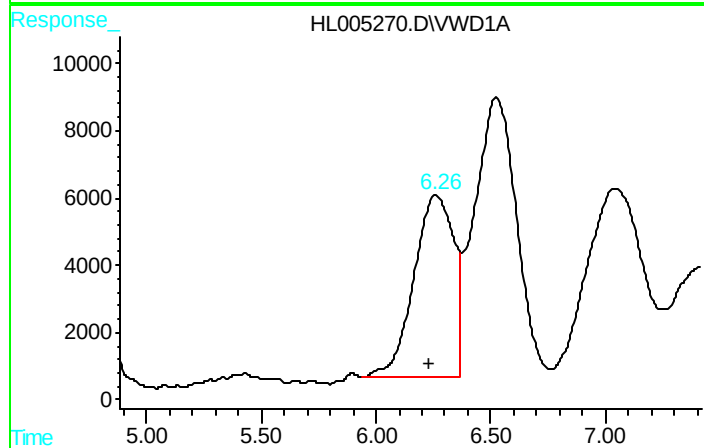
#6 3,5-Dinitroaniline

R.T.: 3.853 min
Delta R.T.: -0.046 min
Response: 1333184
Conc: 98.53 ug/L



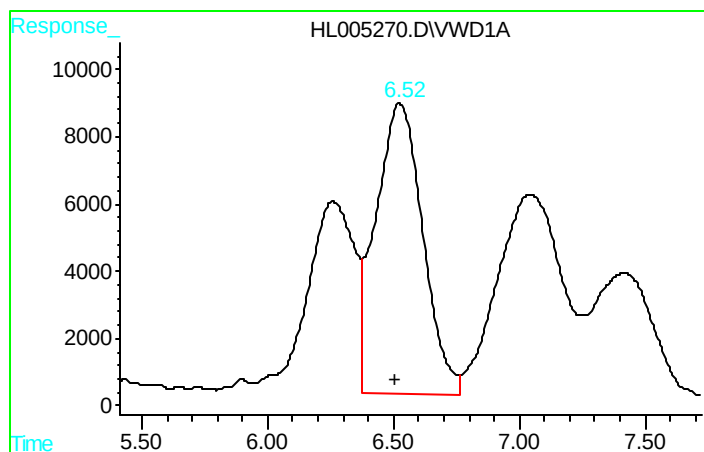
#7 Nitrobenzene

R.T.: 4.729 min
Delta R.T.: -0.036 min
Response: 960535
Conc: 96.30 ug/L m



#8 Tetryl

R.T.: 6.257 min
Delta R.T.: 0.027 min
Response: 654722
Conc: 94.21 ug/L m



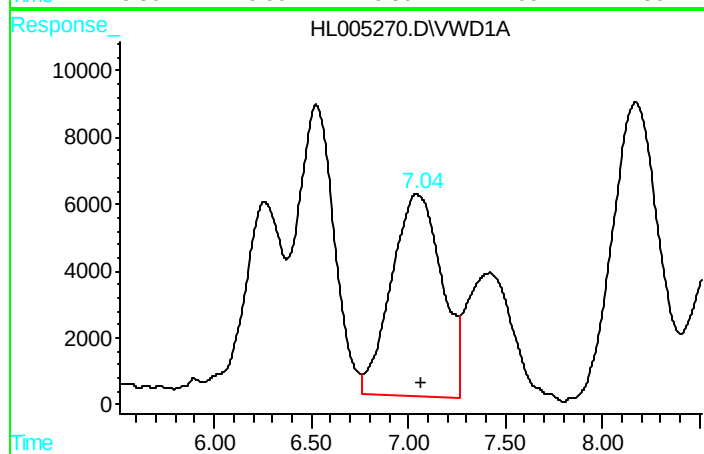
#9 2,4,6-Trinitrotoluene

R.T.: 6.525 min
Delta R.T.: 0.022 min
Response: 1122720
Conc: 101.56 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC0100

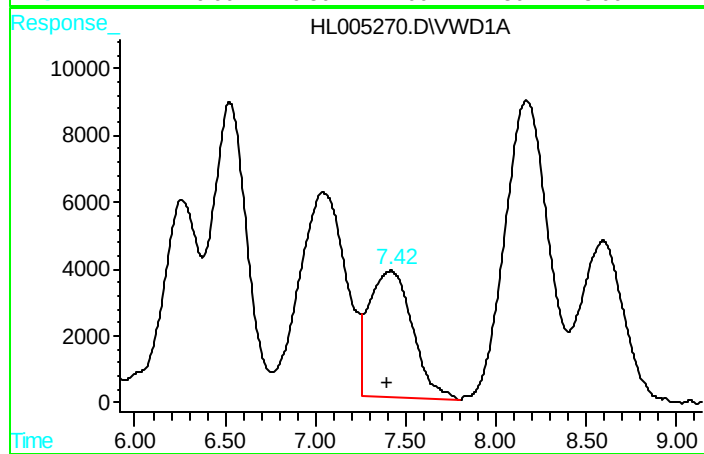
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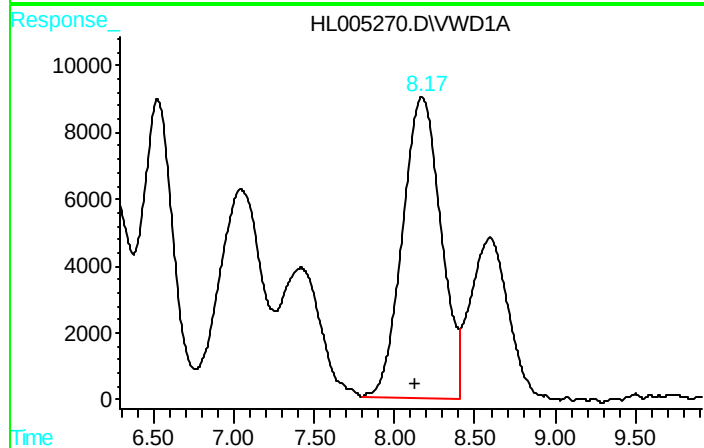
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.044 min
Delta R.T.: -0.022 min
Response: 1088684
Conc: 97.03 ug/L



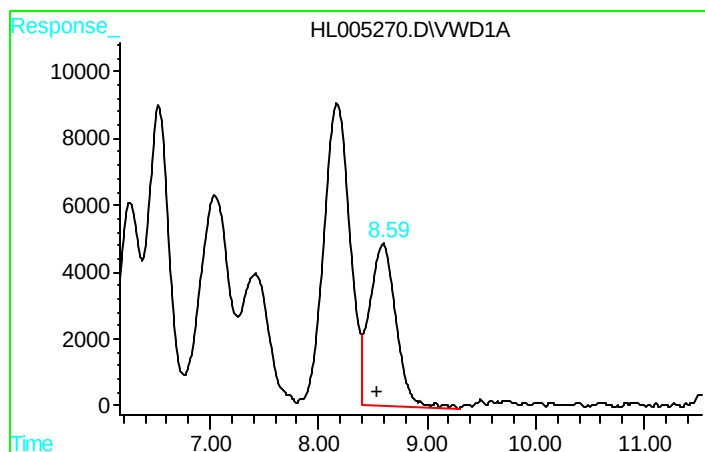
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.417 min
Delta R.T.: 0.020 min
Response: 627270
Conc: 108.65 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.171 min
Delta R.T.: 0.047 min
Response: 1499143
Conc: 99.05 ug/L



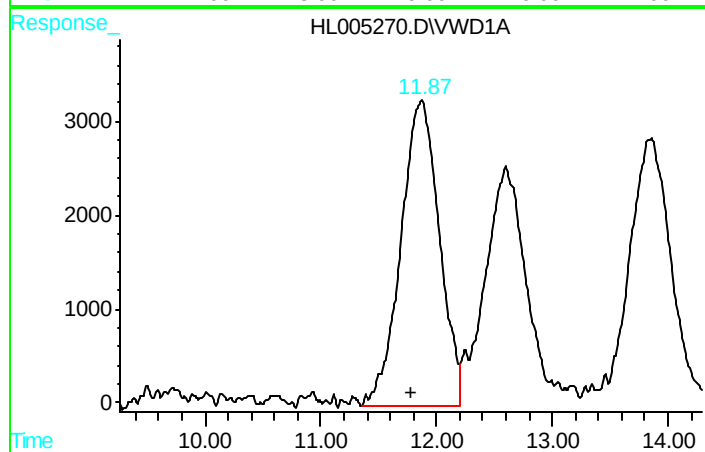
#13 2,6-Dinitrotoluene

R.T.: 8.595 min
Delta R.T.: 0.056 min
Response: 815782
Conc: 101.00 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC0100

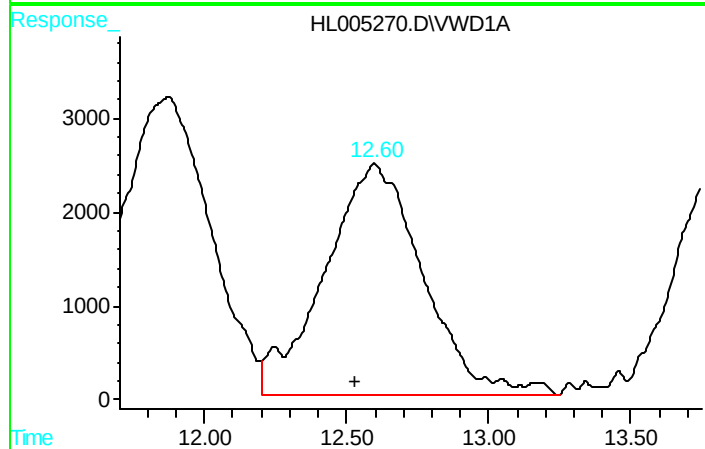
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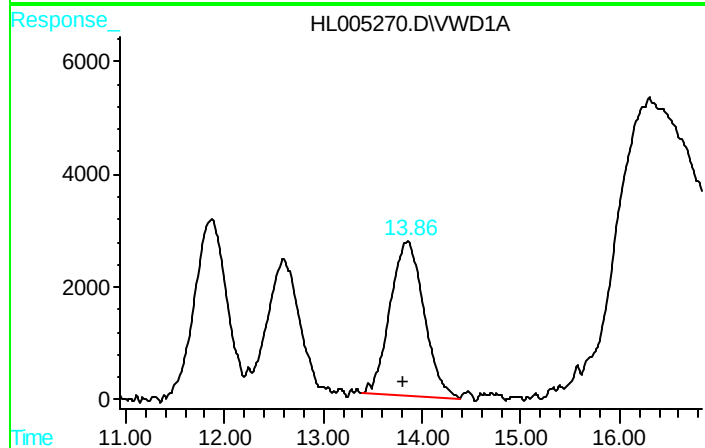
#14 2-Nitrotoluene

R.T.: 11.874 min
Delta R.T.: 0.096 min
Response: 750421
Conc: 104.34 ug/L m



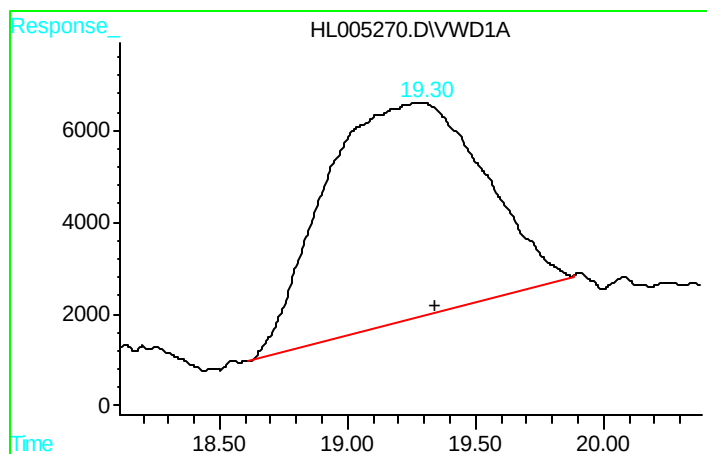
#15 4-Nitrotoluene

R.T.: 12.599 min
Delta R.T.: 0.069 min
Response: 593668
Conc: 102.54 ug/L



#16 3-Nitrotoluene

R.T.: 13.849 min
Delta R.T.: 0.042 min
Response: 647209
Conc: 91.65 ug/L



#17 PETN

R.T.: 19.303 min
Delta R.T.: -0.036 min
Response: 2069802
Conc: 175.87 ug/L m

Instrument :

HPLC_L

LabSampleId :

HSTDIC00100

Manual Integrations
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