

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070213\HL005464.D Vial: 3
 Acq On : 02-Jul-2013, 15:30 Operator: QM
 Sample : HSTDICC1000 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 2 16:27 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC1000

Manual Integrations
 APPROVED

AHPatel
 7/6/2013 12:44:37 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:20:26 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	3952097	995.447 ug/L
Target Compounds			
2) T HMX	0.88	4636341	1022.150 ug/L
3) T RDX	1.72	5163327	974.510 ug/L
4) T 1,3,5-Trinitrobenzene	2.68	10986651	1015.581 ug/L
5) T 1,3-Dinitrobenzene	3.57	15532259	1006.106 ng/ml
6) T 3,5-Dinitroaniline	3.95	13132244	970.634 ug/L
7) T Nitrobenzene	4.77	9639394	940.995 ug/L
8) T Tetryl	6.35	6294333	935.309 ug/L m
9) T 2,4,6-Trinitrotoluene	6.51	10904979	968.610 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.10	10954002	1022.355 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.47	6039903	1083.132 ug/L
12) T 2,4-Dinitrotoluene	8.18	14983944	989.941 ug/L
13) T 2,6-Dinitrotoluene	8.61	8311953	1022.097 ug/L
14) T 2-Nitrotoluene	11.85	6487222	914.564 ug/L
15) T 4-Nitrotoluene	12.59	5279485	943.834 ug/L
16) T 3-Nitrotoluene	13.89	6706473	1011.563 ug/L
17) T PETN	19.51	8369439	736.135 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.

Quantitation Report

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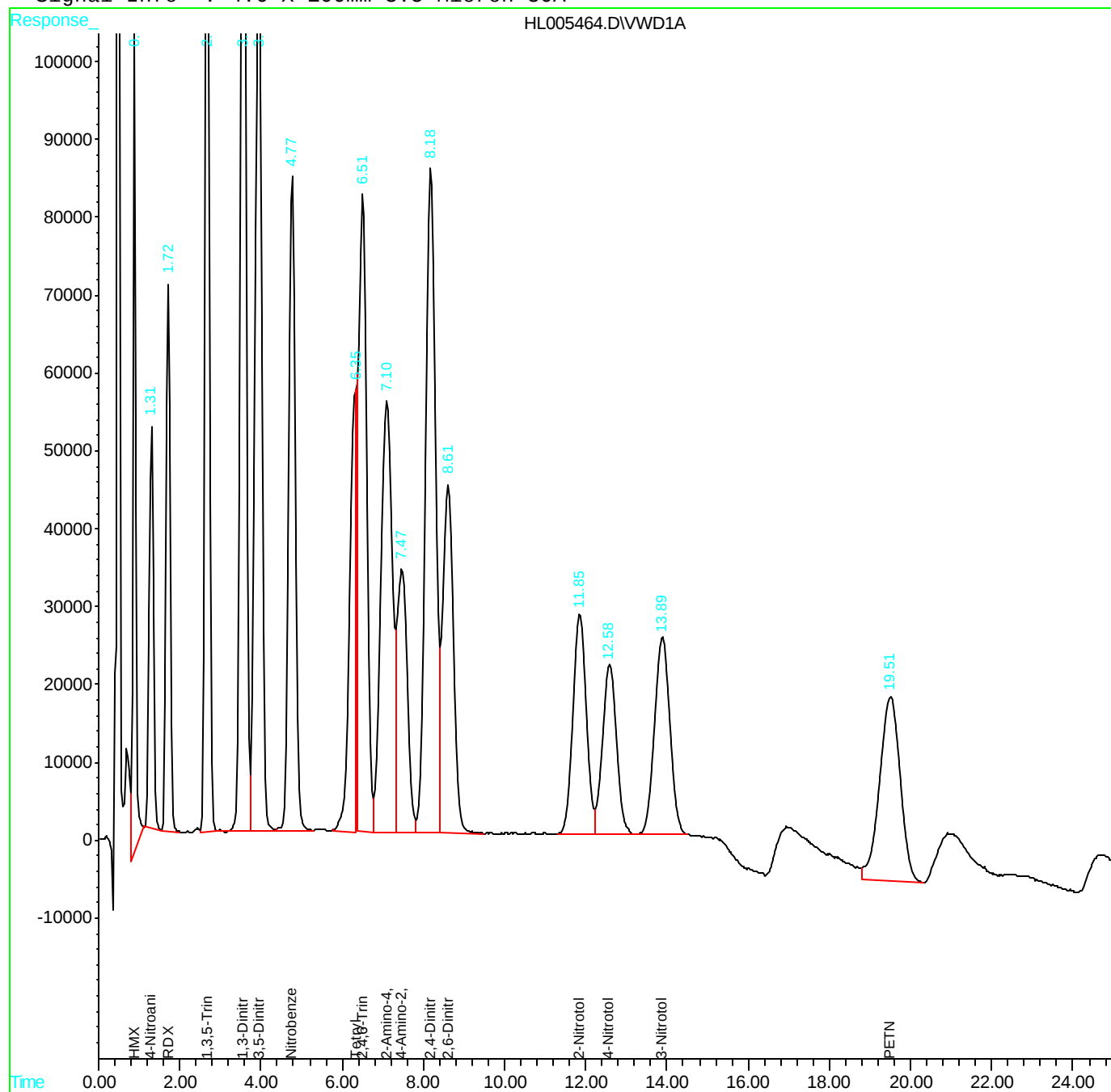
Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC1000

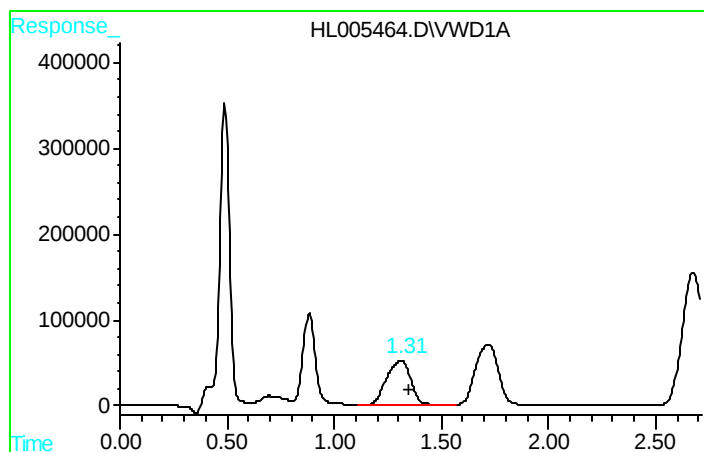
Manual Integrations
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 7/6/2013 12:44:37 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:20:26 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





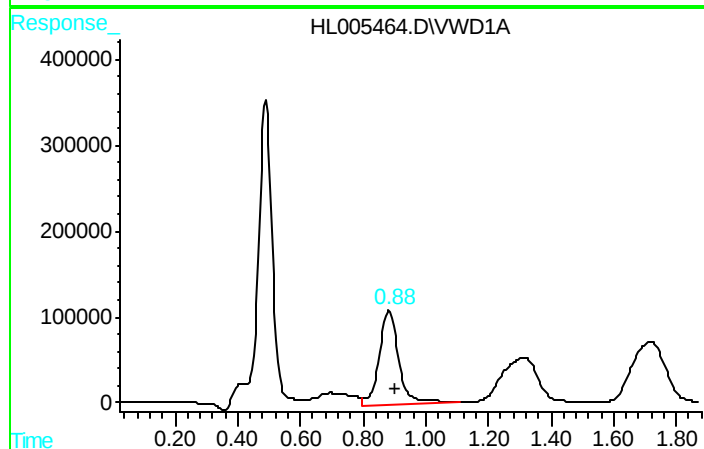
#1 4-Nitroaniline

R.T.: 1.312 min
Delta R.T.: -0.040 min
Response: 3952097
Conc: 995.45 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC1000

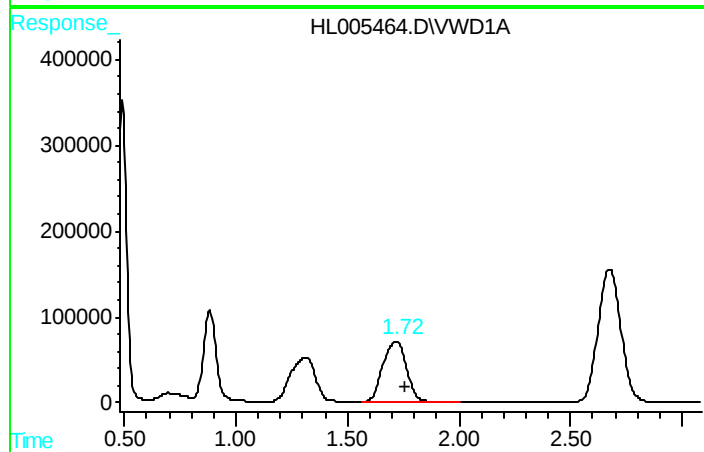
Manual Integrations
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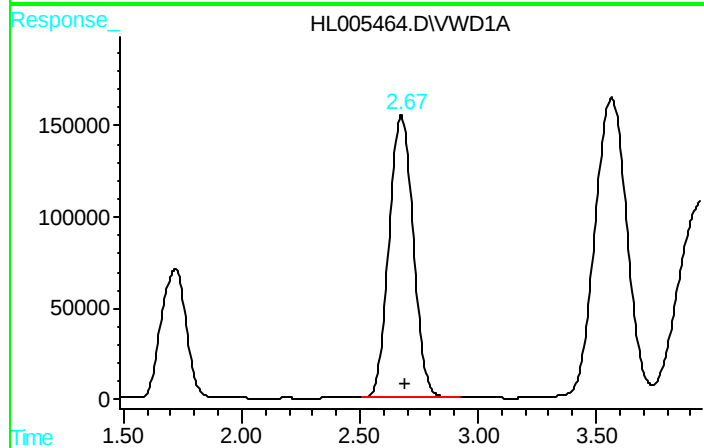
#2 HMX

R.T.: 0.884 min
Delta R.T.: -0.019 min
Response: 4636341
Conc: 1022.15 ug/L



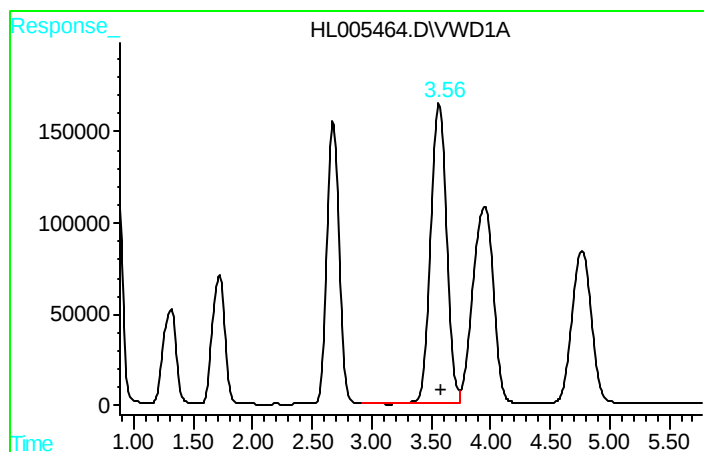
#3 RDX

R.T.: 1.718 min
Delta R.T.: -0.043 min
Response: 5163327
Conc: 974.51 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.676 min
Delta R.T.: -0.018 min
Response: 10986651
Conc: 1015.58 ug/L



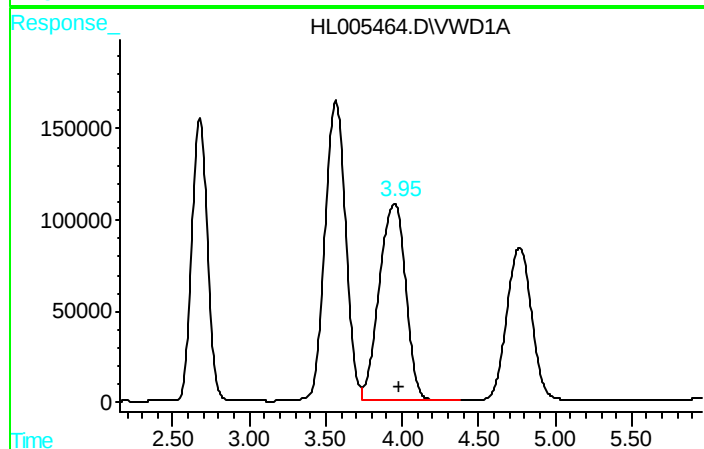
#5 1,3-Dinitrobenzene

R.T.: 3.566 min
Delta R.T.: -0.017 min
Response: 15532259
Conc: 1006.11 ng/ml

Instrument :
HPLC_L
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HSTDICC1000

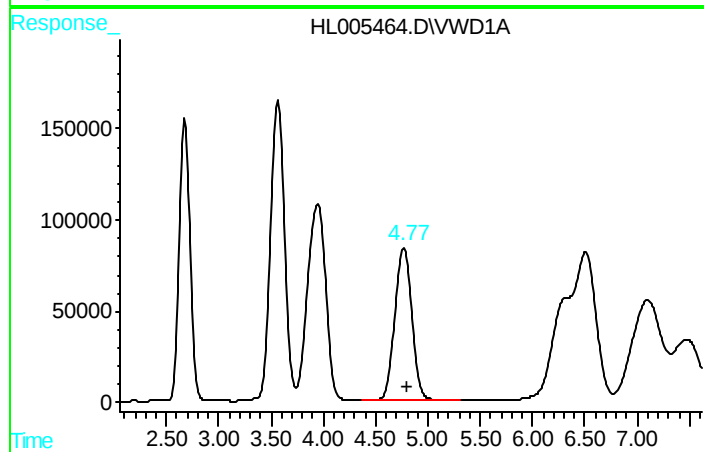
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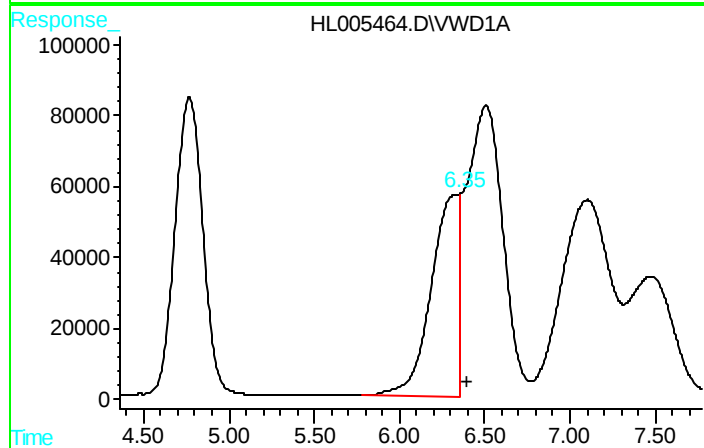
#6 3,5-Dinitroaniline

R.T.: 3.948 min
Delta R.T.: -0.034 min
Response: 13132244
Conc: 970.63 ug/L



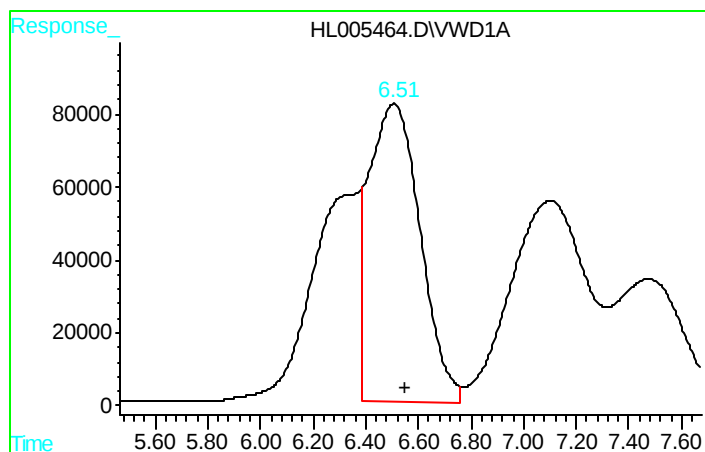
#7 Nitrobenzene

R.T.: 4.768 min
Delta R.T.: -0.035 min
Response: 9639394
Conc: 941.00 ug/L



#8 Tetryl

R.T.: 6.349 min
Delta R.T.: -0.048 min
Response: 6294333
Conc: 935.31 ug/L m



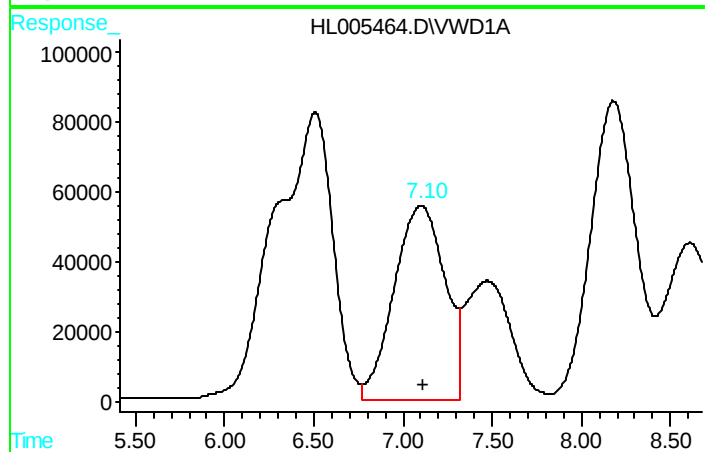
#9 2,4,6-Trinitrotoluene

R.T.: 6.506 min
Delta R.T.: -0.045 min
Response: 10904979
Conc: 968.61 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDICC1000

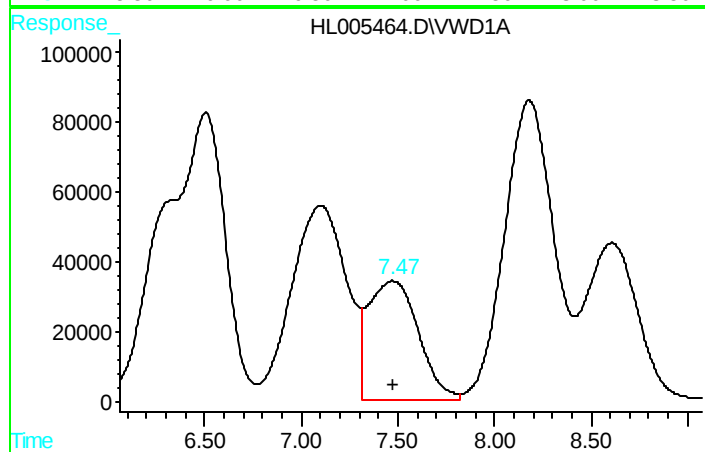
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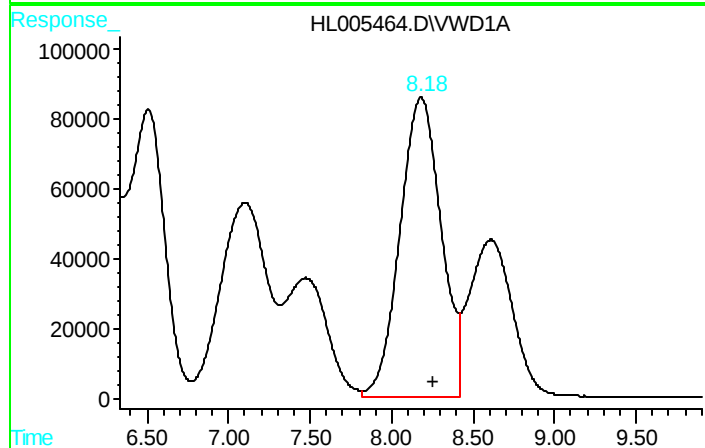
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.102 min
Delta R.T.: -0.008 min
Response: 10954002
Conc: 1022.35 ug/L



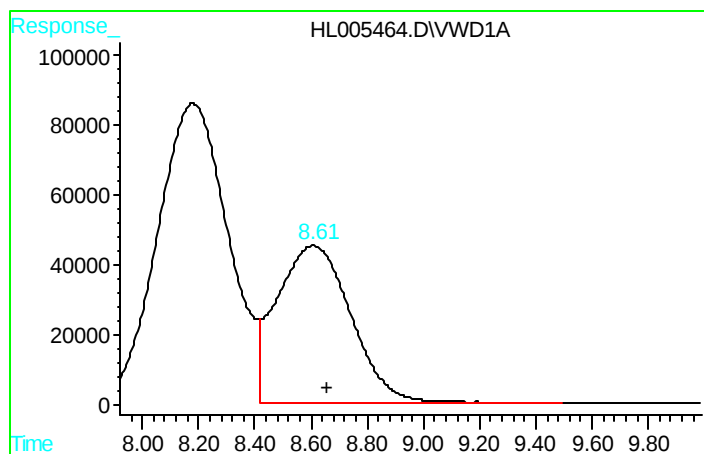
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.473 min
Delta R.T.: -0.007 min
Response: 6039903
Conc: 1083.13 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.181 min
Delta R.T.: -0.070 min
Response: 14983944
Conc: 989.94 ug/L



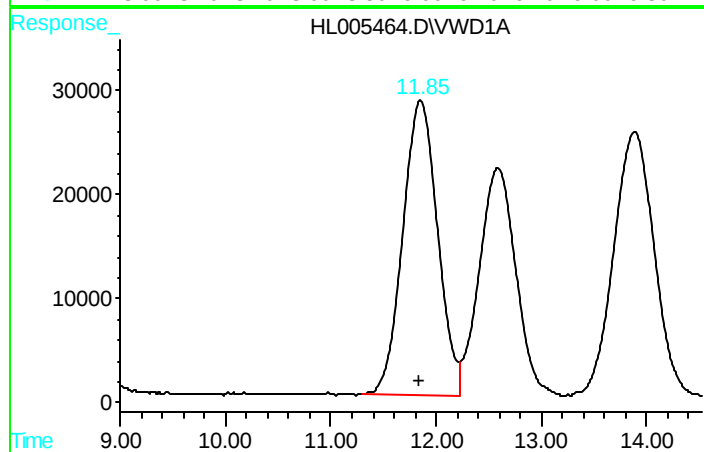
#13 2,6-Dinitrotoluene

R.T.: 8.609 min
Delta R.T.: -0.051 min
Response: 8311953
Conc: 1022.10 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC1000

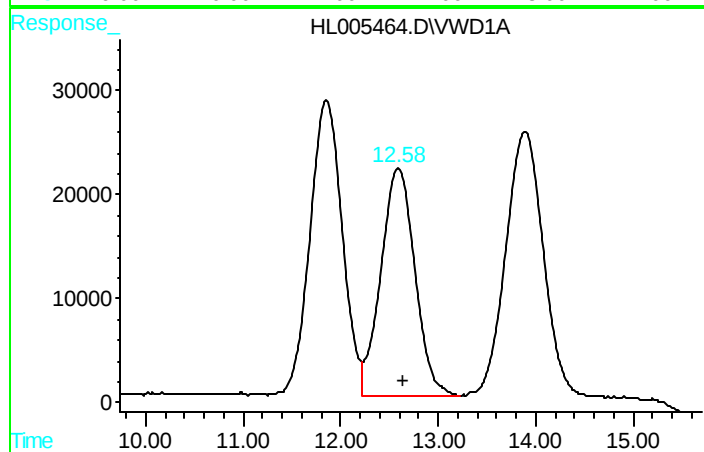
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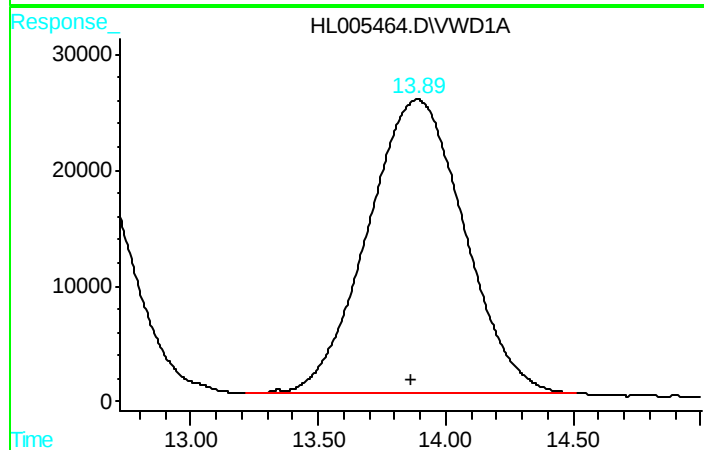
#14 2-Nitrotoluene

R.T.: 11.850 min
Delta R.T.: 0.020 min
Response: 6487222
Conc: 914.56 ug/L



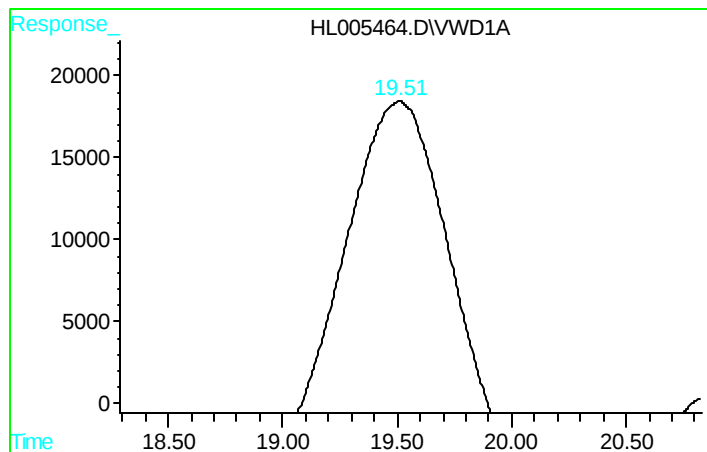
#15 4-Nitrotoluene

R.T.: 12.587 min
Delta R.T.: -0.050 min
Response: 5279485
Conc: 943.83 ug/L



#16 3-Nitrotoluene

R.T.: 13.889 min
Delta R.T.: 0.029 min
Response: 6706473
Conc: 1011.56 ug/L



#17 PETN

R.T.: 19.510 min
Delta R.T.: 0.001 min
Response: 8369439
Conc: 736.13 ug/L

Instrument :

HPLC_L

LabSampleId :

HSTDICC1000

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