

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL052213\HL005277.D Vial: 2
 Acq On : 22-May-2013, 18:38 Operator: QM
 Sample : PB69788BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: May 23 10:35 2013 Quant Results File: HL052213.RES

Instrument :
 HPLC_L
 ClientSampleId :
 PB69788BS

Manual Integrations
 APPROVED

mohammad
 5/31/2013 5:15:25 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL052213.M
 Title :
 Last Update : Thu May 23 10:06:03 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	1269777	319.829 ug/L m
Target Compounds			
2) T HMX	0.89	1155784	254.810 ug/L m
3) T RDX	1.71	1341124	253.120 ug/L
4) T 1,3,5-Trinitrobenzene	2.66	2930752	270.912 ug/L
5) T 1,3-Dinitrobenzene	3.58	4207208	272.523 ng/ml
6) T 3,5-Dinitroaniline	3.94	3435125	253.898 ug/L
7) T Nitrobenzene	4.81	2693865	262.974 ug/L
8) T Tetryl	6.29	1369075	203.438 ug/L
9) T 2,4,6-Trinitrotoluene	6.55	2846499	252.834 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.05	2745165	256.211 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.41	1706408	306.009 ug/L
12) T 2,4-Dinitrotoluene	8.18	3996033	264.005 ug/L
13) T 2,6-Dinitrotoluene	8.60	2185908	268.795 ug/L
14) T 2-Nitrotoluene	11.83	1807102	254.764 ug/L
15) T 4-Nitrotoluene	12.59	1524661	272.570 ug/L
16) T 3-Nitrotoluene	13.86	1910520	288.171 ug/L
17) T PETN	19.43	1728601	247.447 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.

HL005277.D HL052213.M

Thu May 23 10:50:46 2013

RPT1

Quantitation Report

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL052213\HL005277.D Vial: 2
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 Sample : PB69788BS Inst : G1314A
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 IntFile : autoint1.e
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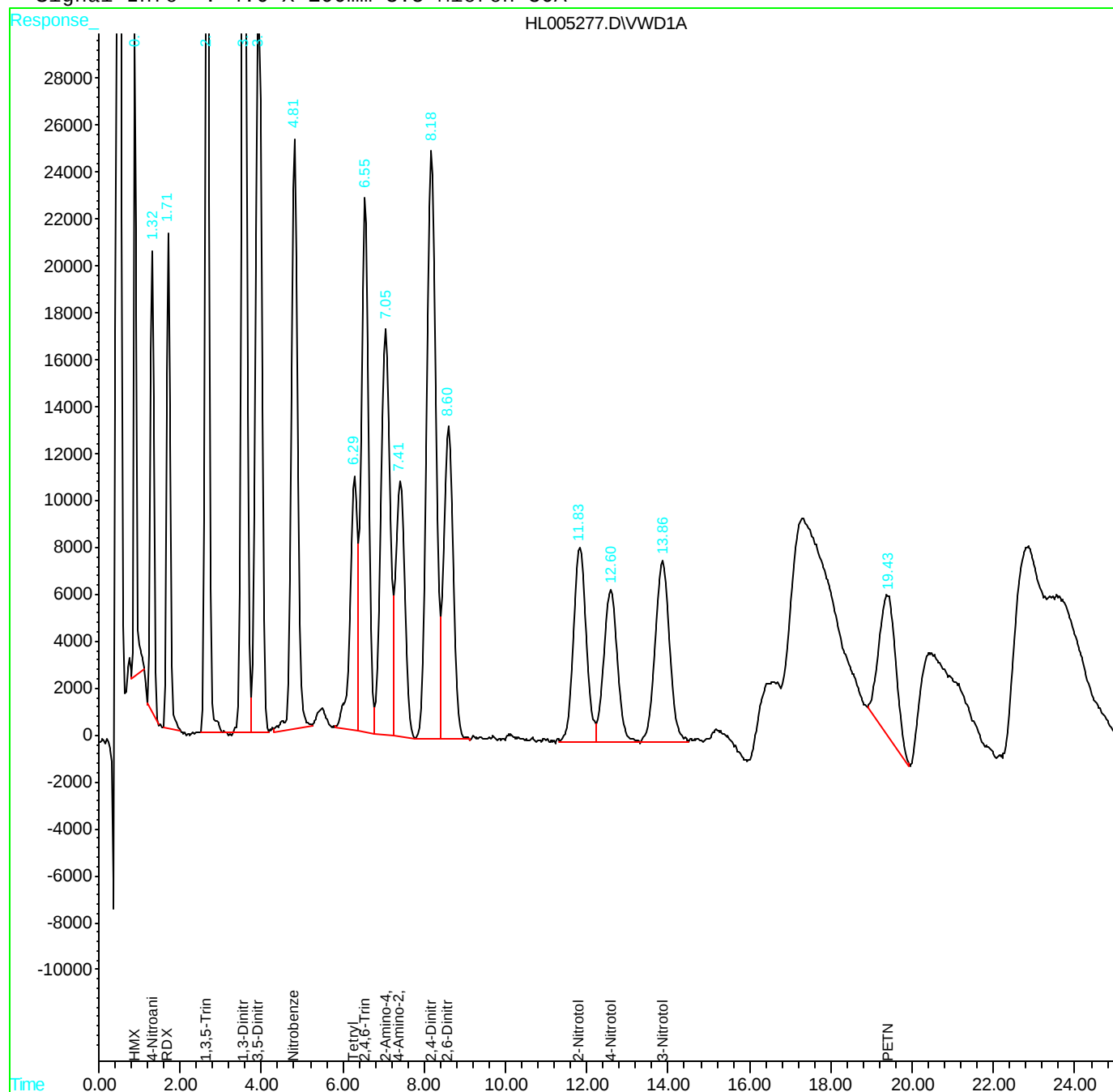
Instrument :
 HPLC_L
 ClientSampleId :
 PB69788BS

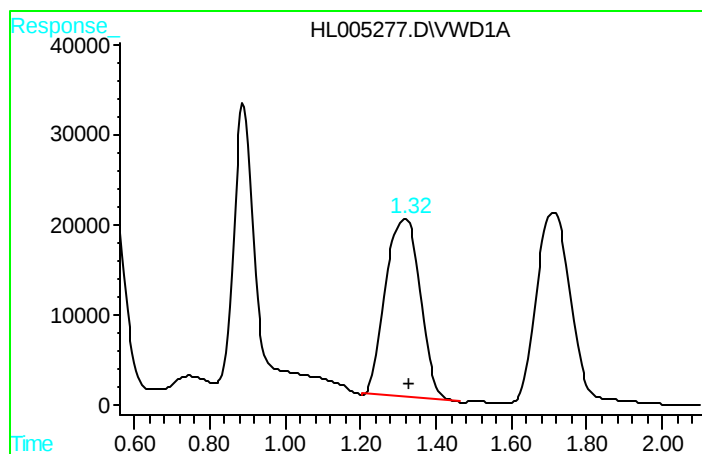
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL052213.M
 Title :
 Last Update : Thu May 23 10:06:03 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





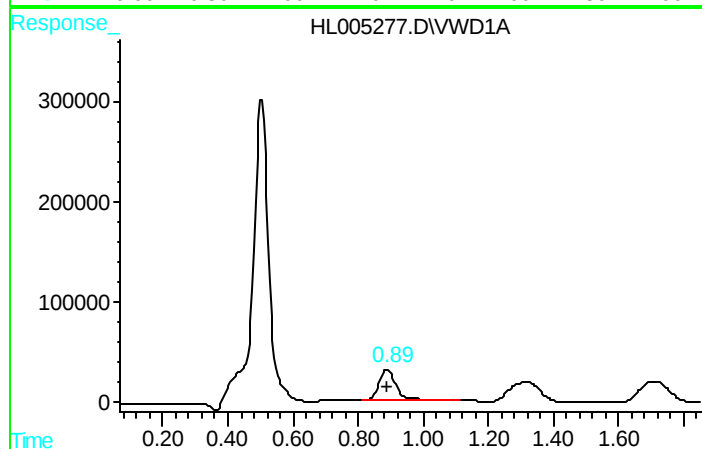
#1 4-Nitroaniline

R.T.: 1.318 min
Delta R.T.: -0.012 min
Response: 1269777
Conc: 319.83 ug/L m

Instrument :
HPLC_L
ClientSampleId :
PB69788BS

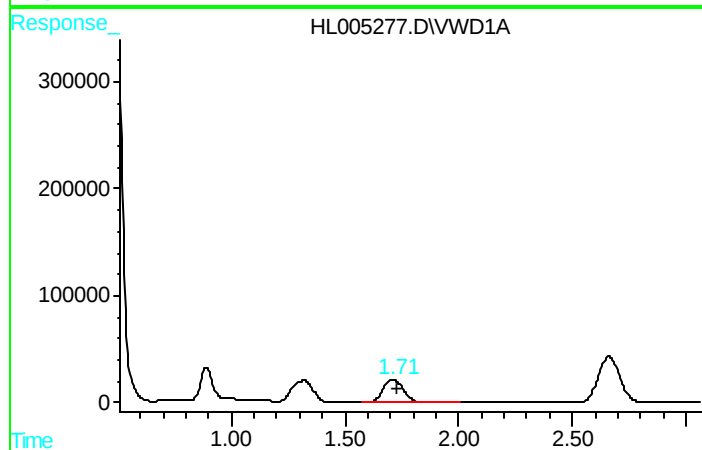
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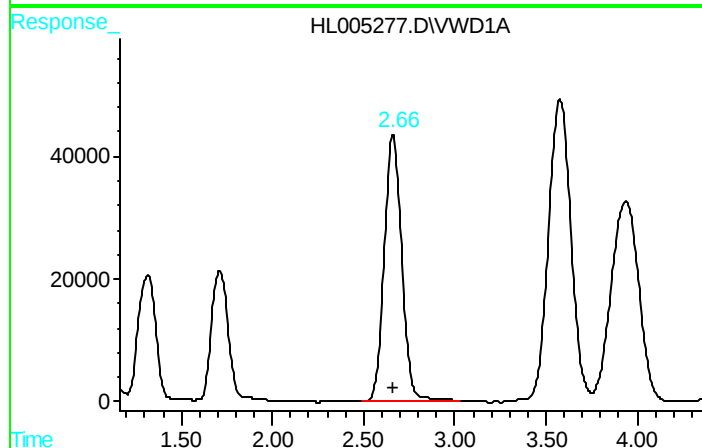
#2 HMX

R.T.: 0.889 min
Delta R.T.: 0.000 min
Response: 1155784
Conc: 254.81 ug/L m



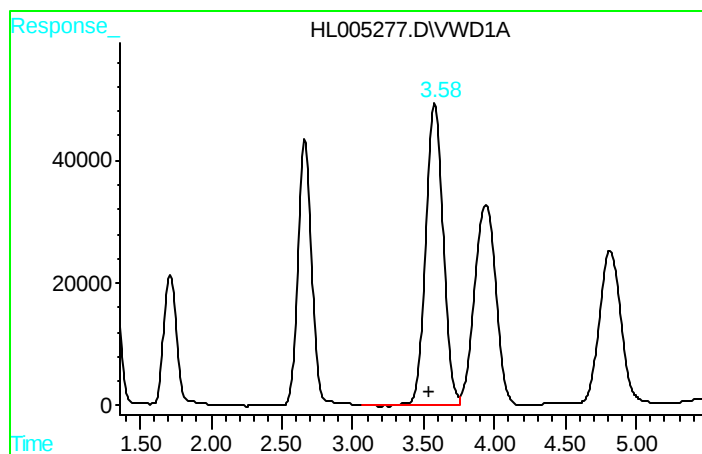
#3 RDX

R.T.: 1.712 min
Delta R.T.: -0.015 min
Response: 1341124
Conc: 253.12 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.662 min
Delta R.T.: 0.004 min
Response: 2930752
Conc: 270.91 ug/L



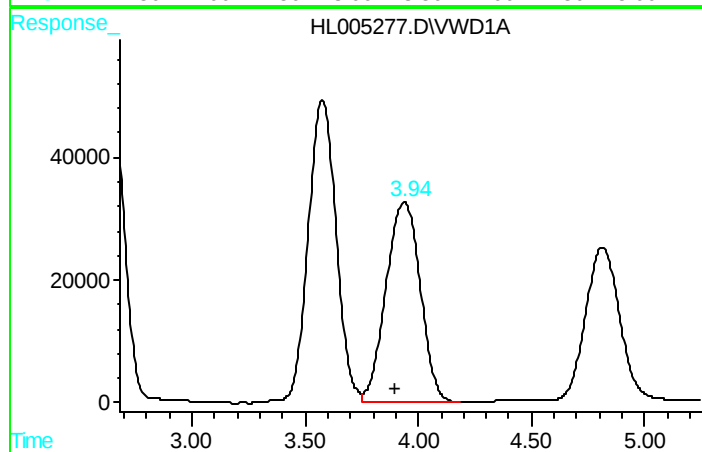
#5 1,3-Dinitrobenzene

R.T.: 3.577 min
Delta R.T.: 0.047 min
Response: 4207208
Conc: 272.52 ng/ml

Instrument :
HPLC_L
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PB69788BS

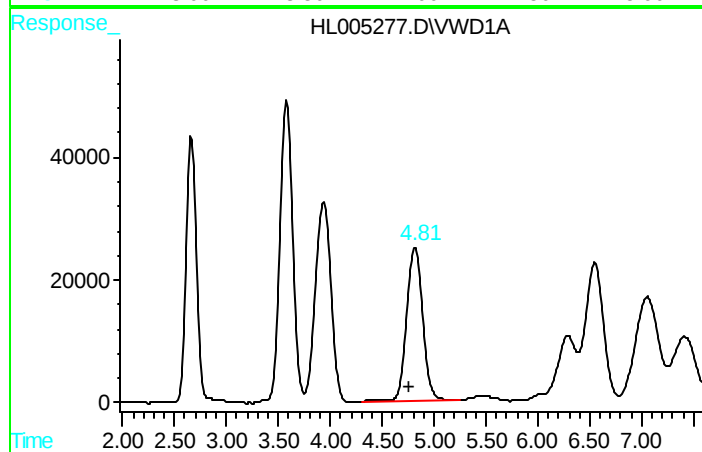
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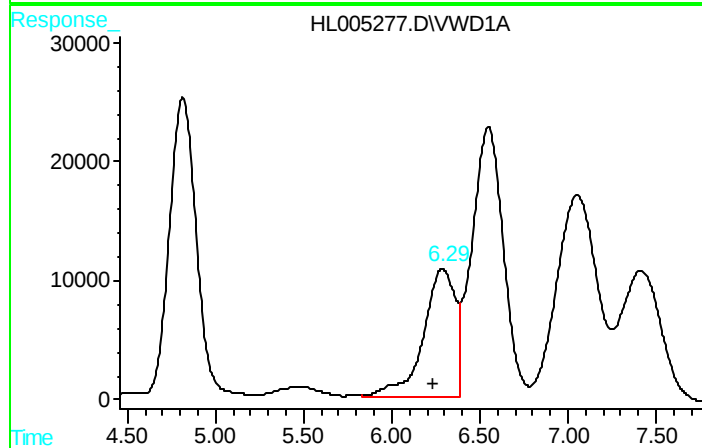
#6 3,5-Dinitroaniline

R.T.: 3.938 min
Delta R.T.: 0.039 min
Response: 3435125
Conc: 253.90 ug/L



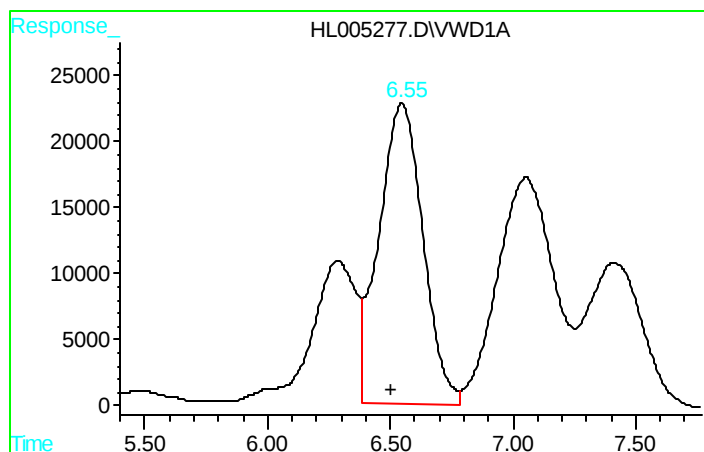
#7 Nitrobenzene

R.T.: 4.814 min
Delta R.T.: 0.049 min
Response: 2693865
Conc: 262.97 ug/L



#8 Tetryl

R.T.: 6.287 min
Delta R.T.: 0.057 min
Response: 1369075
Conc: 203.44 ug/L



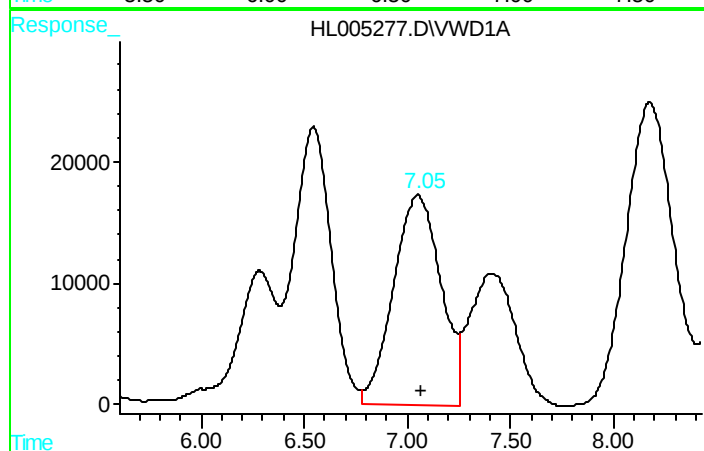
#9 2,4,6-Trinitrotoluene

R.T.: 6.548 min
Delta R.T.: 0.044 min
Response: 2846499
Conc: 252.83 ug/L

Instrument :
HPLC_L
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PB69788BS

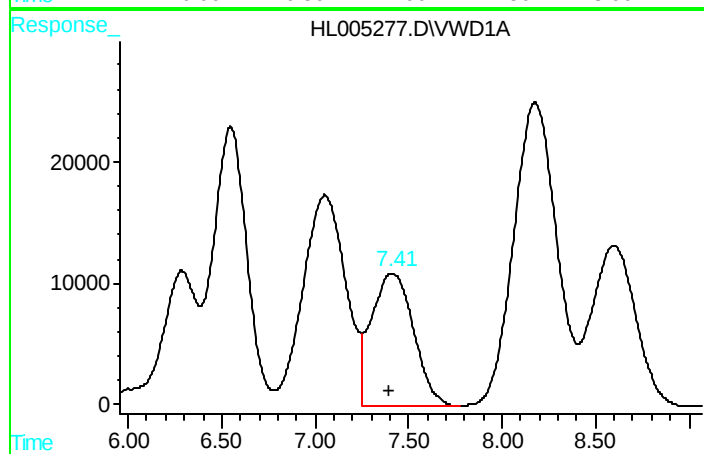
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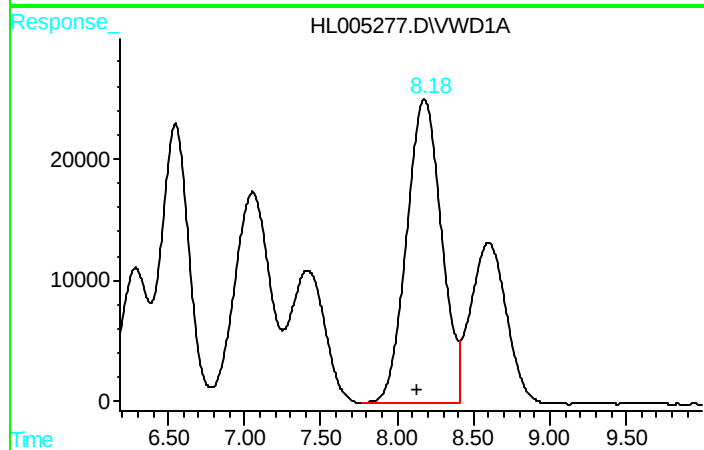
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.053 min
Delta R.T.: -0.013 min
Response: 2745165
Conc: 256.21 ug/L



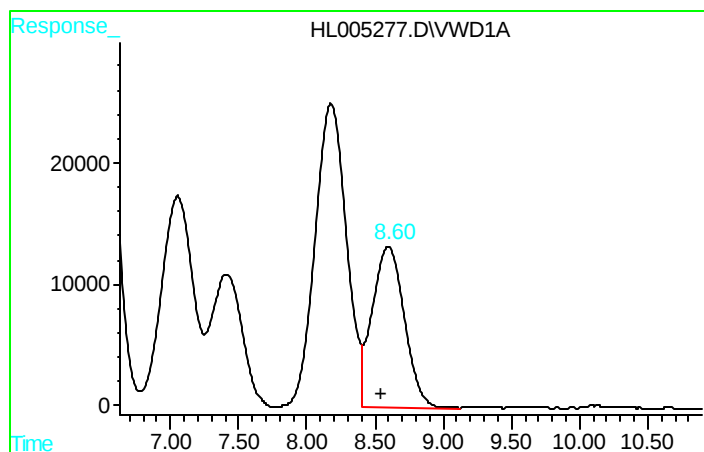
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.412 min
Delta R.T.: 0.016 min
Response: 1706408
Conc: 306.01 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.178 min
Delta R.T.: 0.054 min
Response: 3996033
Conc: 264.01 ug/L



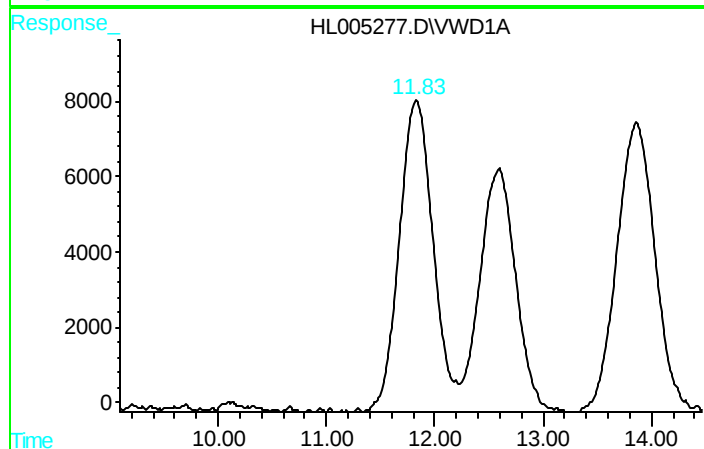
#13 2,6-Dinitrotoluene

R.T.: 8.601 min
Delta R.T.: 0.062 min
Response: 2185908
Conc: 268.79 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB69788BS

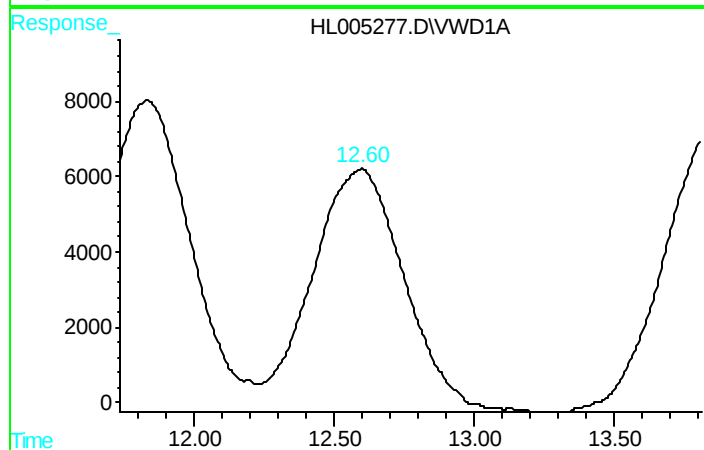
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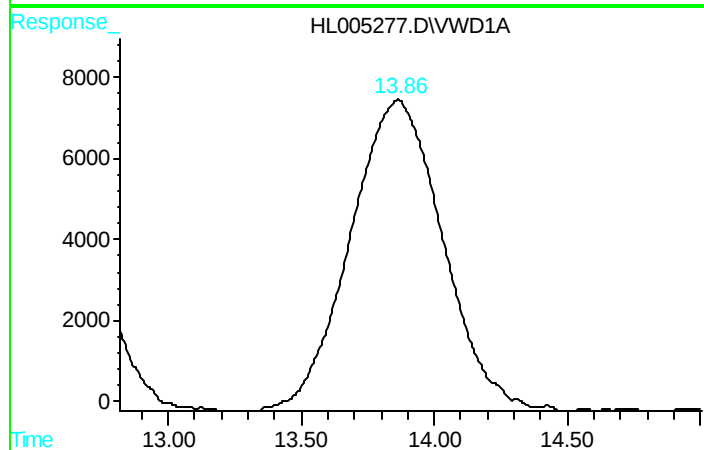
#14 2-Nitrotoluene

R.T.: 11.830 min
Delta R.T.: 0.052 min
Response: 1807102
Conc: 254.76 ug/L



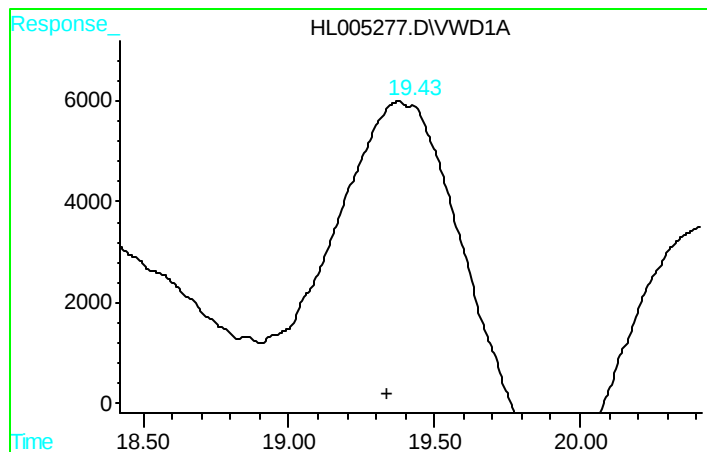
#15 4-Nitrotoluene

R.T.: 12.595 min
Delta R.T.: 0.064 min
Response: 1524661
Conc: 272.57 ug/L



#16 3-Nitrotoluene

R.T.: 13.863 min
Delta R.T.: 0.056 min
Response: 1910520
Conc: 288.17 ug/L



#17 PETN

R.T.: 19.429 min
Delta R.T.: 0.091 min
Response: 1728601
Conc: 247.45 ug/L m

Instrument :
HPLC_L
ClientSampleId :
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