

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL052213\HL005275.D Vial: 38
 Acq On : 22-May-2013, 16:50 Operator: QM
 Sample : HSTDICV0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: May 23 10:13 2013 Quant Results File: HL052213.RES

Instrument :
 HPLC_L
 ClientSampleId :
 ICVHL052213

Manual Integrations
 APPROVED

mohammad
 5/31/2013 5:15:22 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	2001666	504.176 ug/L
Target Compounds			
2) T HMX	0.89	2141973	472.230 ug/L
3) T RDX	1.71	2512062	474.119 ug/L
4) T 1,3,5-Trinitrobenzene	2.65	5437561	502.636 ug/L
5) T 1,3-Dinitrobenzene	3.52	7679119	497.417 ng/ml
6) T 3,5-Dinitroaniline	3.87	6573098	485.833 ug/L
7) T Nitrobenzene	4.72	5044147	492.408 ug/L
8) T Tetryl	6.22	3369053	500.626 ug/L
9) T 2,4,6-Trinitrotoluene	6.48	5520364	490.334 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.99	5195703	484.923 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.35	2887460	517.807 ug/L
12) T 2,4-Dinitrotoluene	8.09	7270353	480.329 ug/L
13) T 2,6-Dinitrotoluene	8.49	3510905	431.726 ug/L
14) T 2-Nitrotoluene	11.70	3097083	436.624 ug/L m
15) T 4-Nitrotoluene	12.45	2346119	419.425 ug/L m
16) T 3-Nitrotoluene	13.71	3161900	476.921 ug/L m
17) T PETN	19.27	4055500	471.959 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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Acq On : 22-May-2013, 16:50 Operator: QM
Sample : HSTDICV0500 Inst : G1314A
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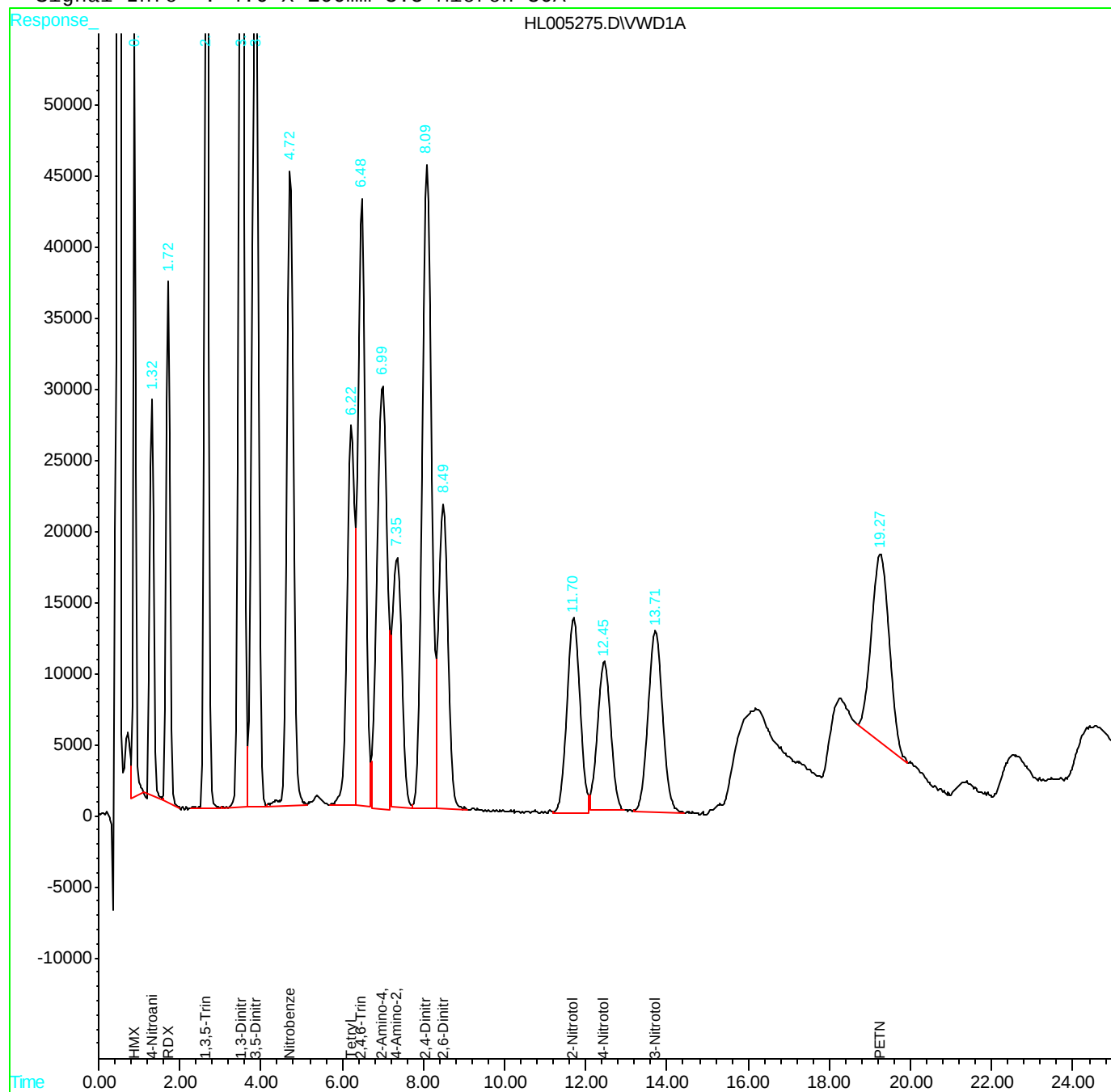
Instrument :
HPLC_L
ClientSampleId :
ICVHL052213

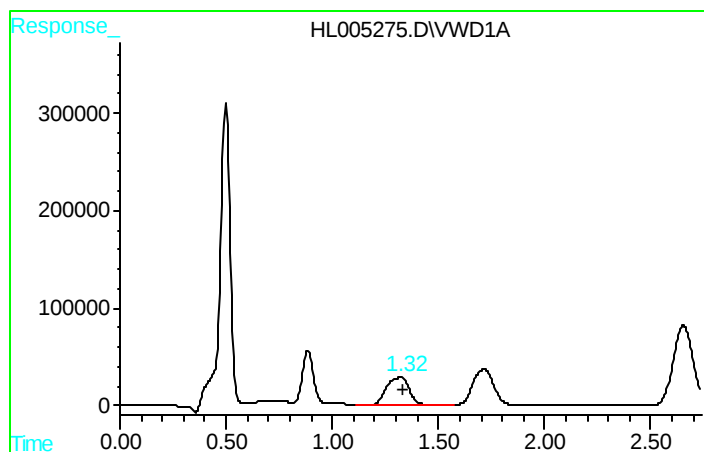
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL052213.M
Title :
Last Update : Thu May 23 10:06:03 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





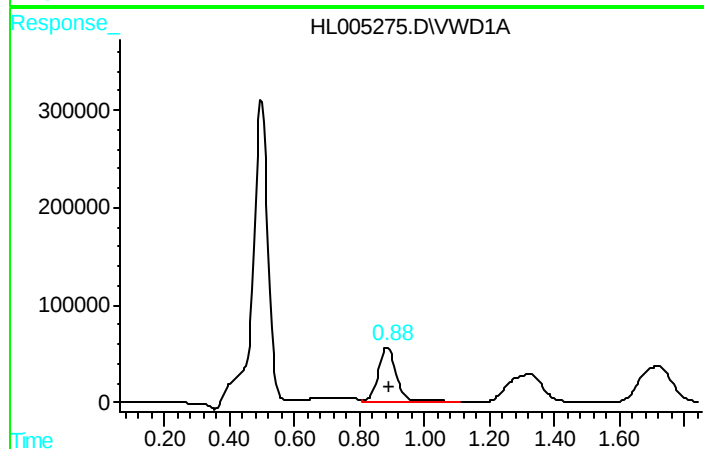
#1 4-Nitroaniline

R.T.: 1.317 min
Delta R.T.: -0.013 min
Response: 200166
Conc: 504.18 ug/L

Instrument :
HPLC_L
ClientSampleId :
ICVHL052213

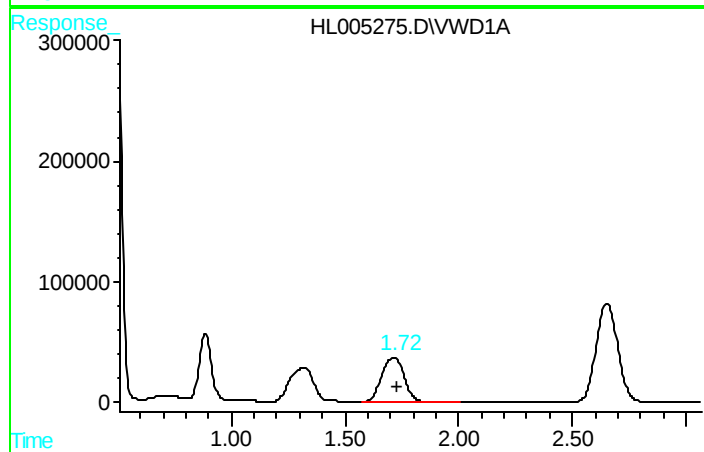
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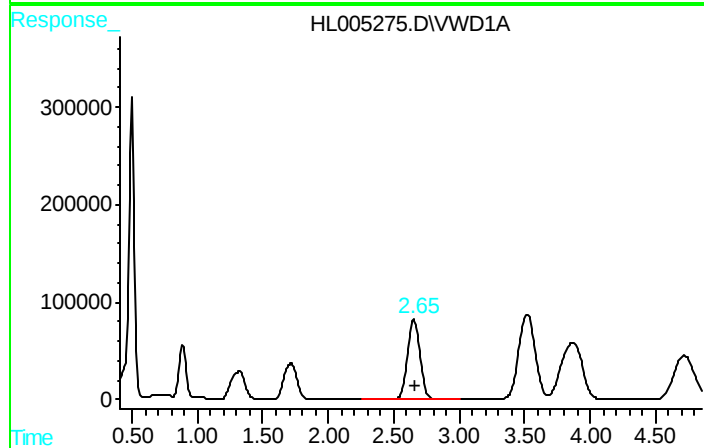
#2 HMX

R.T.: 0.886 min
Delta R.T.: -0.004 min
Response: 2141973
Conc: 472.23 ug/L



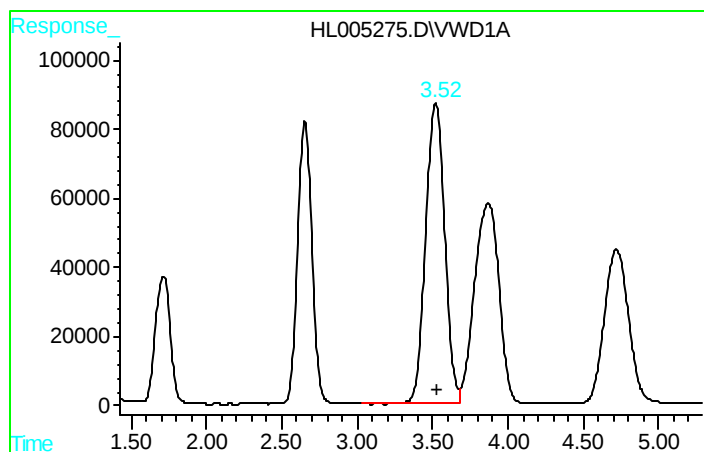
#3 RDX

R.T.: 1.715 min
Delta R.T.: -0.012 min
Response: 2512062
Conc: 474.12 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.653 min
Delta R.T.: -0.005 min
Response: 5437561
Conc: 502.64 ug/L



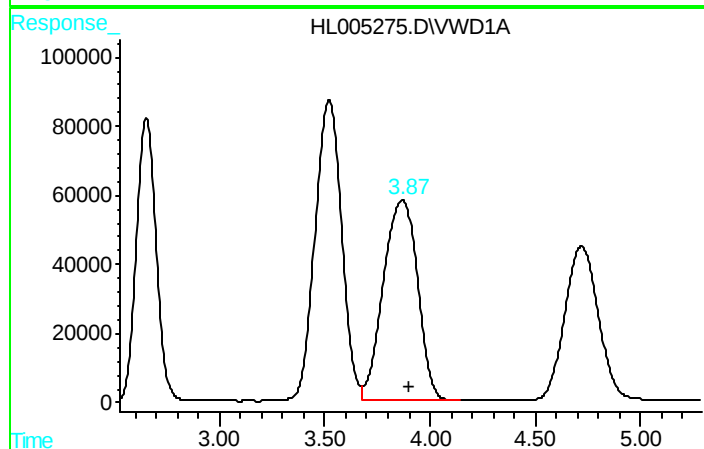
#5 1,3-Dinitrobenzene

R.T.: 3.520 min
Delta R.T.: -0.010 min
Response: 7679119
Conc: 497.42 ng/ml

Instrument :
HPLC_L
ClientSampleId :
ICVHL052213

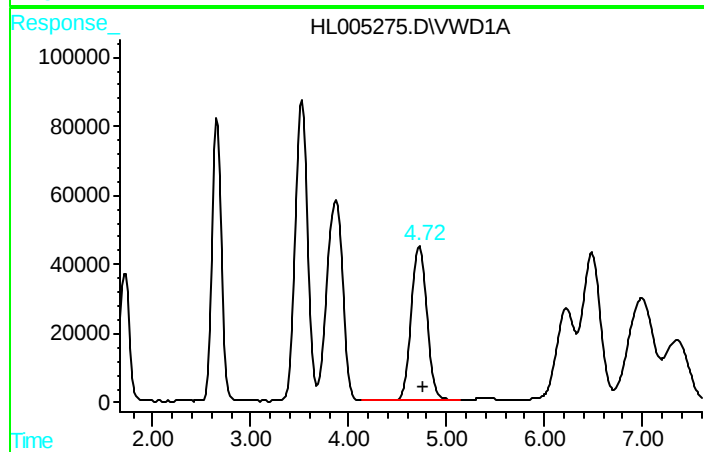
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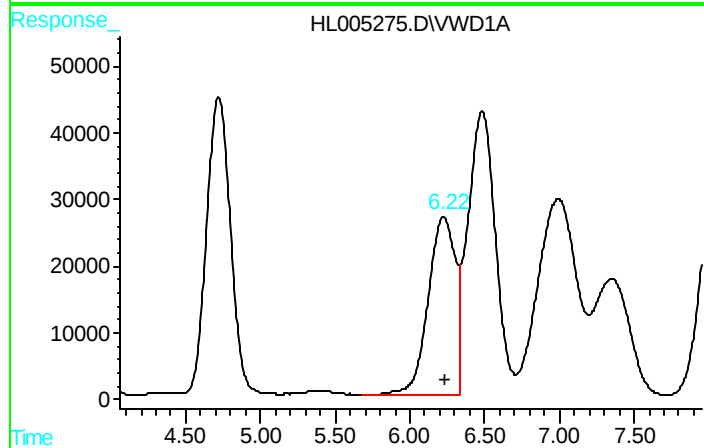
#6 3,5-Dinitroaniline

R.T.: 3.869 min
Delta R.T.: -0.030 min
Response: 6573098
Conc: 485.83 ug/L



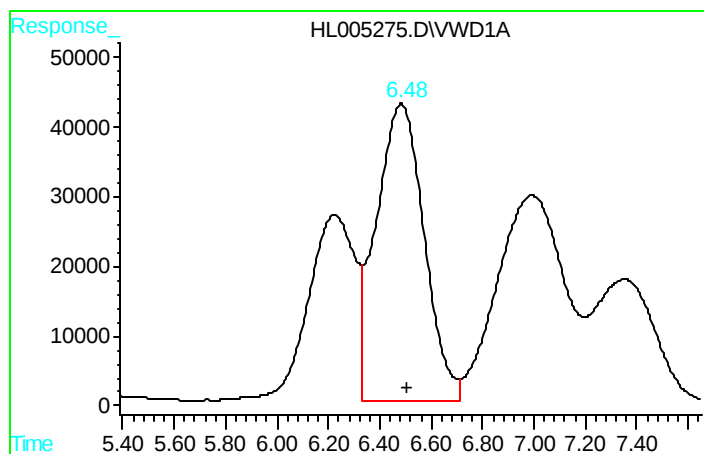
#7 Nitrobenzene

R.T.: 4.720 min
Delta R.T.: -0.044 min
Response: 5044147
Conc: 492.41 ug/L



#8 Tetryl

R.T.: 6.224 min
Delta R.T.: -0.006 min
Response: 3369053
Conc: 500.63 ug/L



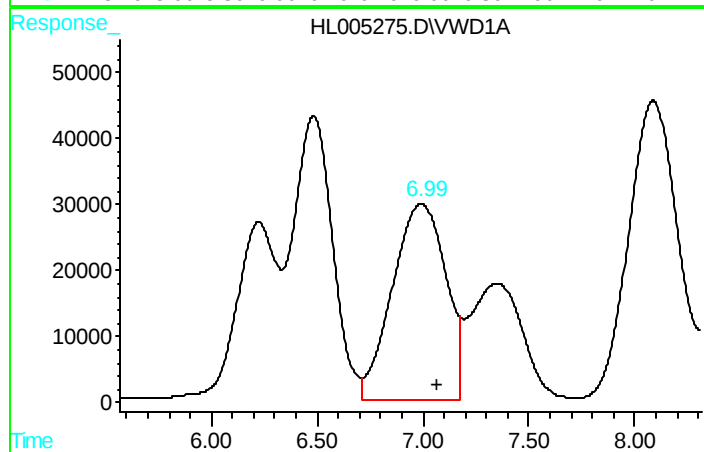
#9 2,4,6-Trinitrotoluene

R.T.: 6.483 min
Delta R.T.: -0.021 min
Response: 5520364
Conc: 490.33 ug/L

Instrument :
HPLC_L
ClientSampled :
ICVHL052213

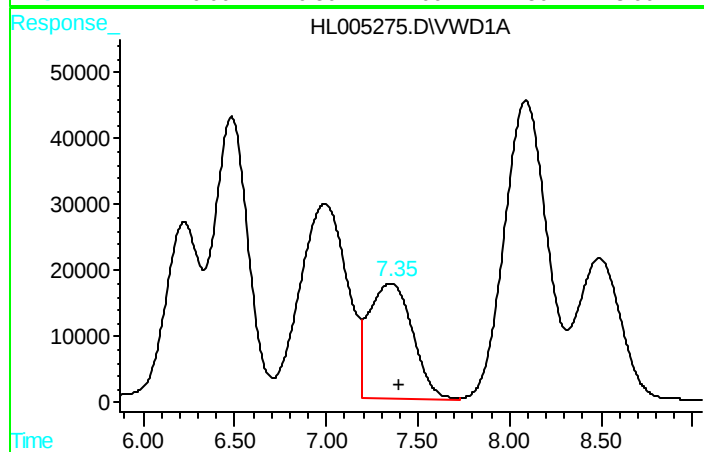
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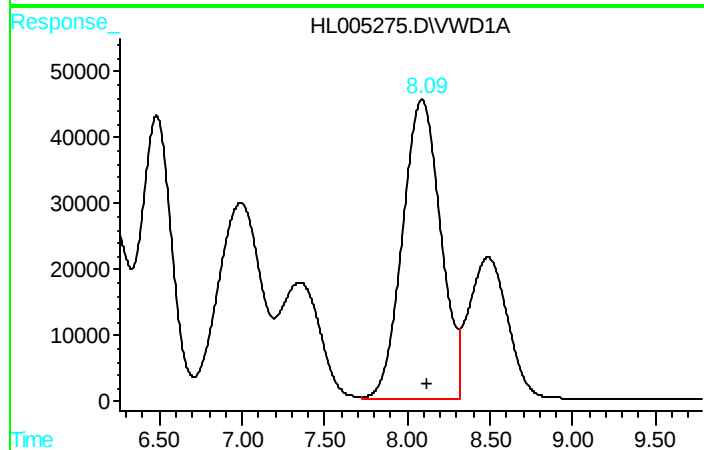
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.992 min
Delta R.T.: -0.074 min
Response: 5195703
Conc: 484.92 ug/L m



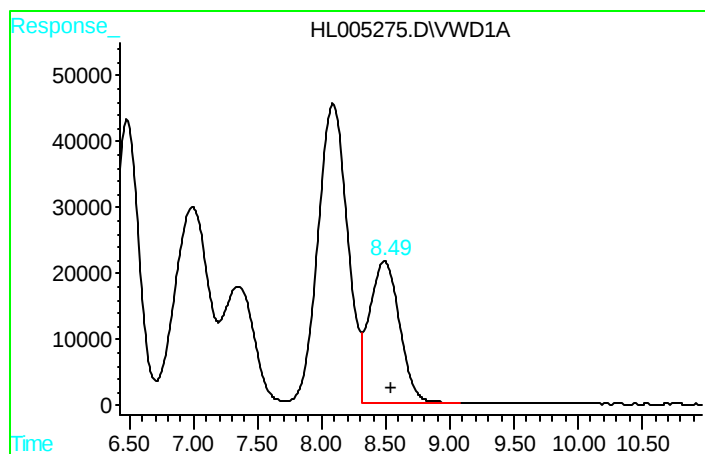
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.354 min
Delta R.T.: -0.042 min
Response: 2887460
Conc: 517.81 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.089 min
Delta R.T.: -0.035 min
Response: 7270353
Conc: 480.33 ug/L



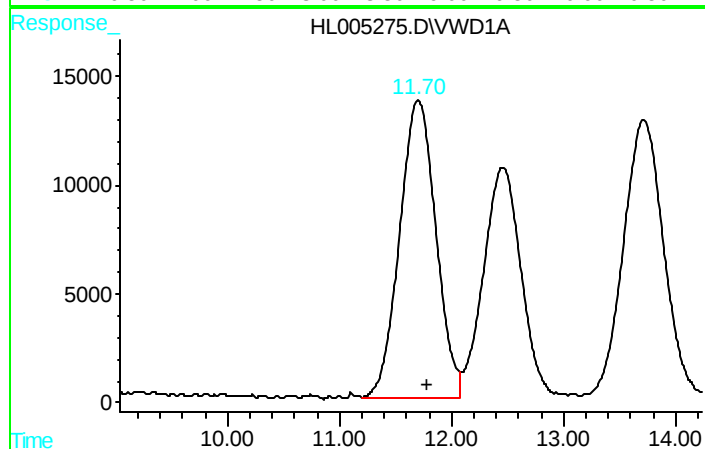
#13 2,6-Dinitrotoluene

R.T.: 8.490 min
Delta R.T.: -0.049 min
Response: 3510905
Conc: 431.73 ug/L

Instrument :
HPLC_L
ClientSampleId :
ICVHL052213

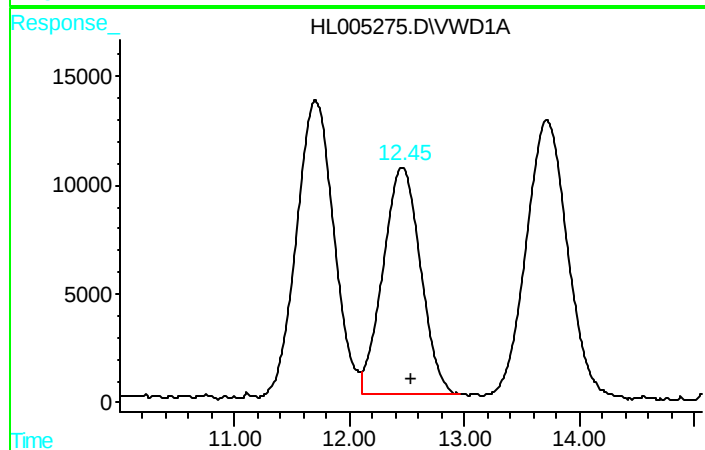
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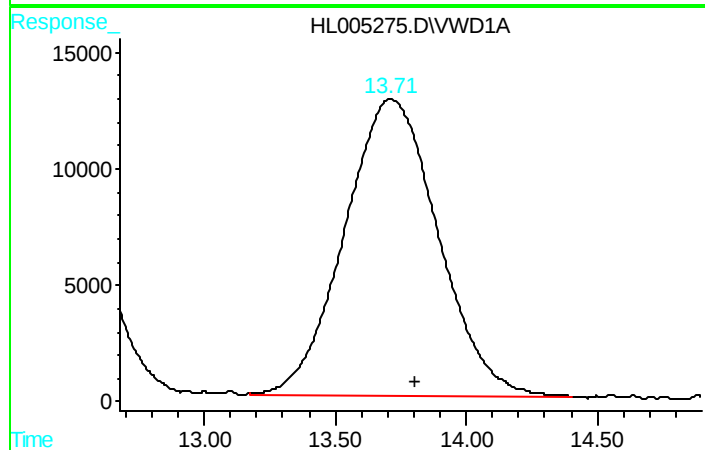
#14 2-Nitrotoluene

R.T.: 11.697 min
Delta R.T.: -0.081 min
Response: 3097083
Conc: 436.62 ug/L m



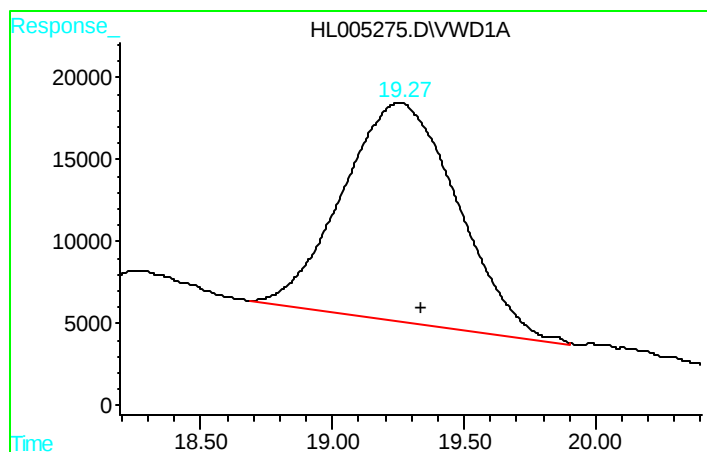
#15 4-Nitrotoluene

R.T.: 12.455 min
Delta R.T.: -0.076 min
Response: 2346119
Conc: 419.42 ug/L m



#16 3-Nitrotoluene

R.T.: 13.708 min
Delta R.T.: -0.100 min
Response: 3161900
Conc: 476.92 ug/L m



#17 PETN

R.T.: 19.269 min
Delta R.T.: -0.069 min
Response: 4055500
Conc: 471.96 ug/L m

Instrument :
HPLC_L
ClientSampleId :
ICVHL052213

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