

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070513\HL005507.D Vial: 1
 Acq On : 05-Jul-2013, 18:33 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 9 1:29 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

QI
 7/9/2013 4:22:42 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:59:51 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	1.37	2103229	519.334 ug/L
Target Compounds			
2) T HMX	0.92	2103051	456.554 ug/L
3) T RDX	1.79	2602881	515.851 ug/L
4) T 1,3,5-Trinitrobenzene	2.75	5563317	499.059 ug/L
5) T 1,3-Dinitrobenzene	3.66	8078836	517.068 ng/mlm
6) T 3,5-Dinitroaniline	4.06	6590001	471.781 ug/L m
7) T Nitrobenzene	4.92	4625996	464.736 ug/L m
8) T Tetryl	6.61	3207485	504.612 ug/L m
9) T 2,4,6-Trinitrotoluene	6.73	5762792	490.783 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.34	4883225	415.348 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.74	3172159	489.789 ug/L m
12) T 2,4-Dinitrotoluene	8.45	7253795	484.621 ug/L m
13) T 2,6-Dinitrotoluene	8.88	4065721	486.035 ug/L m
14) T 2-Nitrotoluene	12.19	2996337	469.441 ug/L m
15) T 4-Nitrotoluene	12.97	2642949	489.896 ug/L m
16) T 3-Nitrotoluene	14.30	3254017	468.244 ug/L m
17) T PETN	20.09	4815385	516.057 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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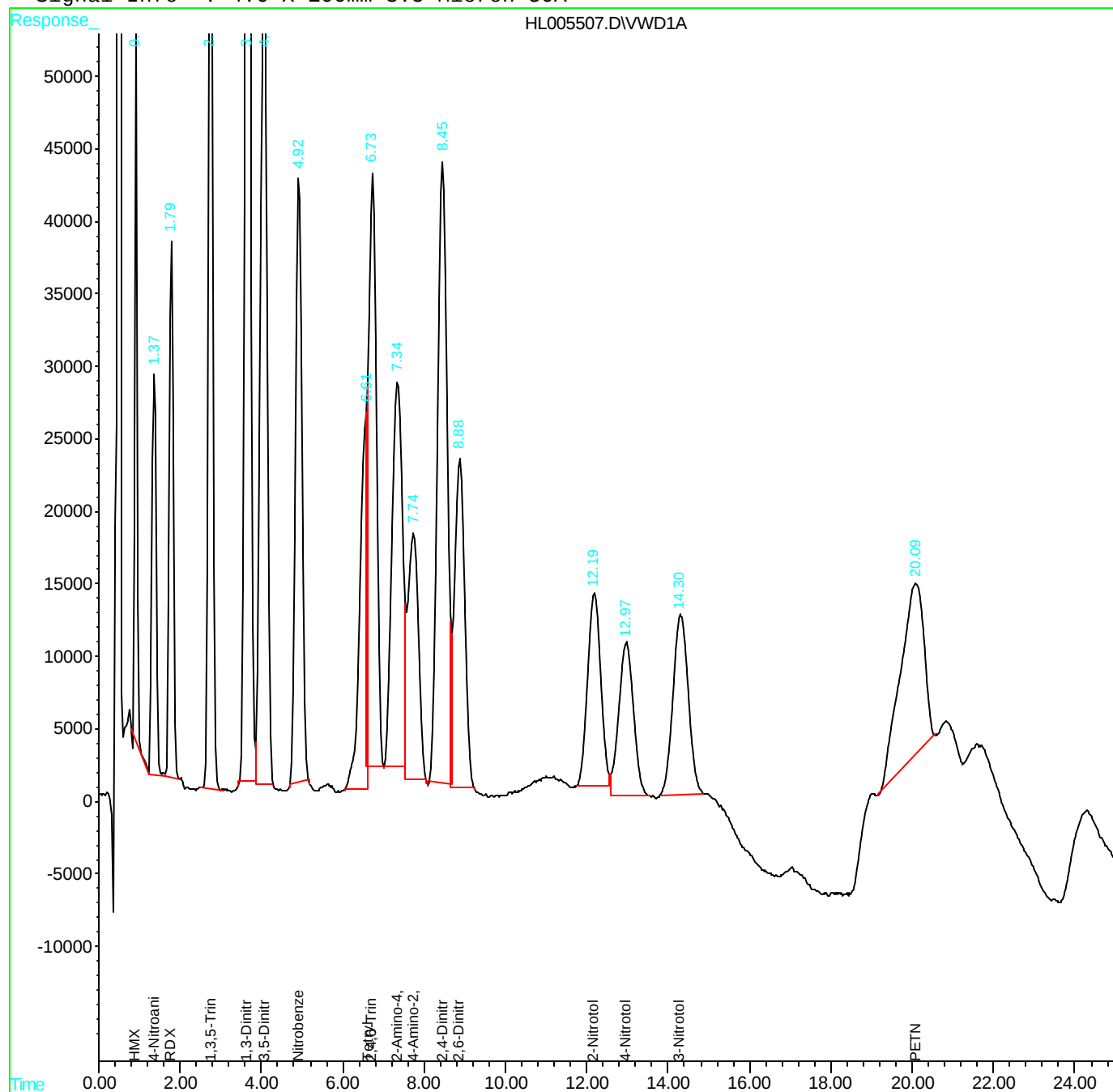
Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

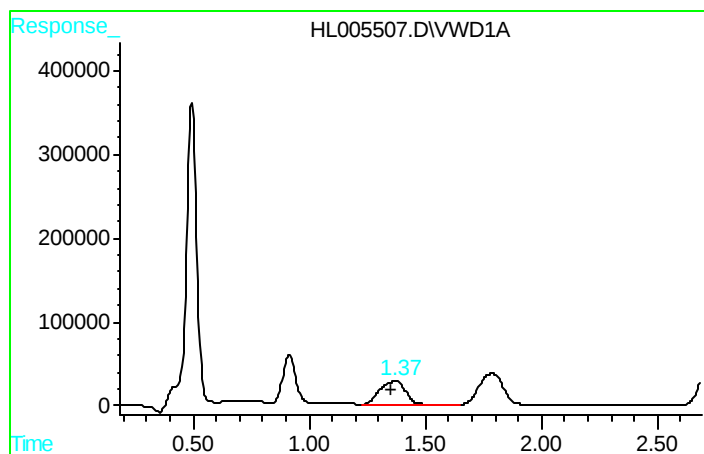
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:59:51 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





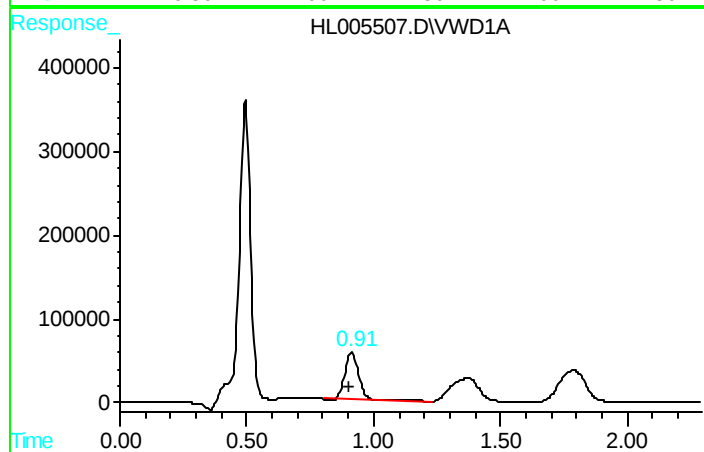
#1 4-Nitroaniline

R.T.: 1.370 min
Delta R.T.: 0.018 min
Response: 2103229
Conc: 519.33 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

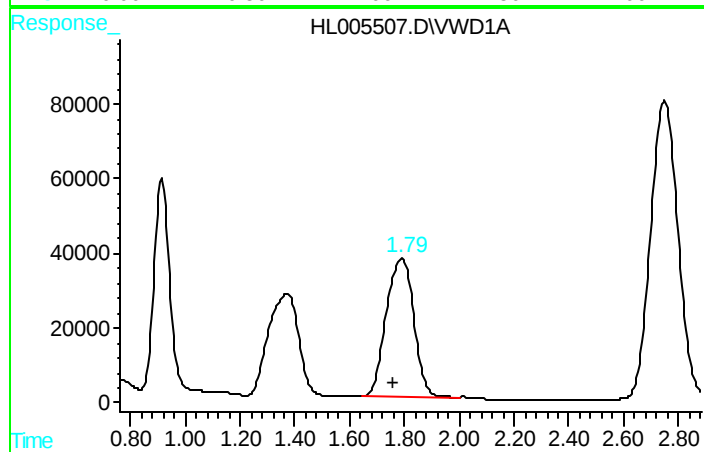
Manual Integrations
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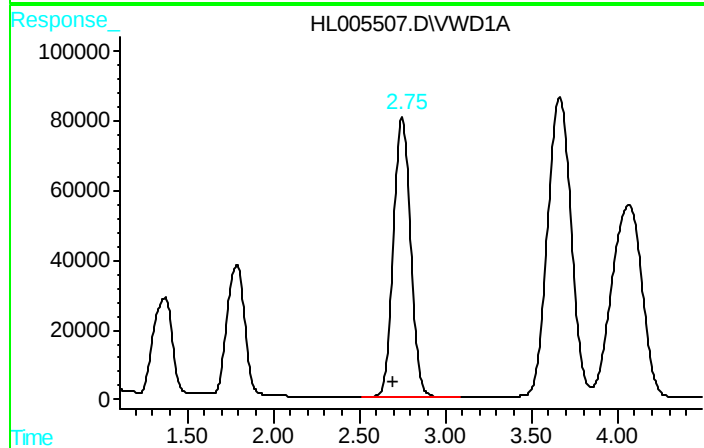
#2 HMX

R.T.: 0.915 min
Delta R.T.: 0.012 min
Response: 2103051
Conc: 456.55 ug/L



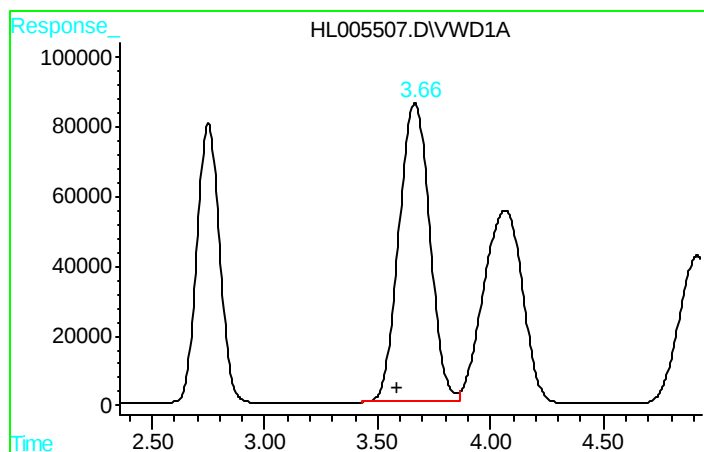
#3 RDX

R.T.: 1.789 min
Delta R.T.: 0.027 min
Response: 2602881
Conc: 515.85 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.750 min
Delta R.T.: 0.056 min
Response: 5563317
Conc: 499.06 ug/L



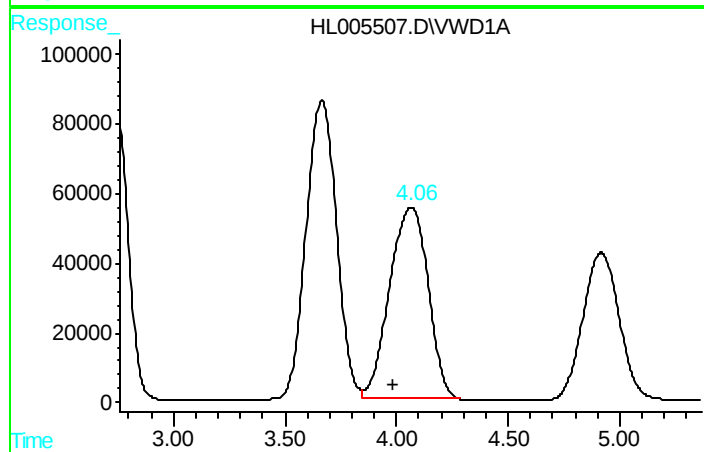
#5 1,3-Dinitrobenzene

R.T.: 3.664 min
Delta R.T.: 0.080 min
Response: 8078836
Conc: 517.07 ng/ml

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

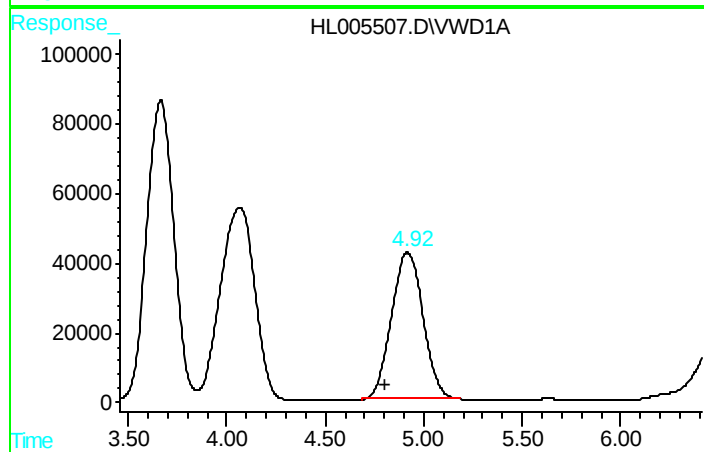
Manual Integrations
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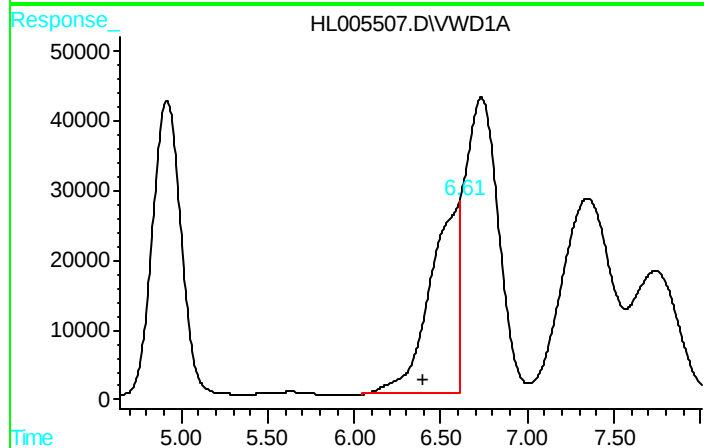
#6 3,5-Dinitroaniline

R.T.: 4.065 min
Delta R.T.: 0.083 min
Response: 6590001
Conc: 471.78 ug/L m



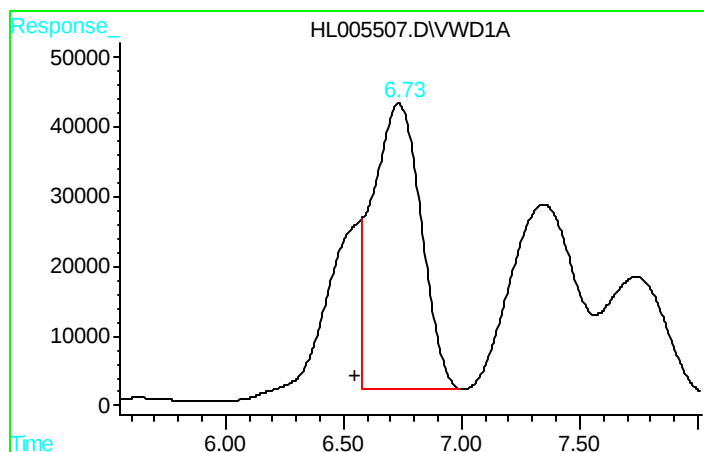
#7 Nitrobenzene

R.T.: 4.916 min
Delta R.T.: 0.114 min
Response: 4625996
Conc: 464.74 ug/L m



#8 Tetryl

R.T.: 6.606 min
Delta R.T.: 0.206 min
Response: 3207485
Conc: 504.61 ug/L m



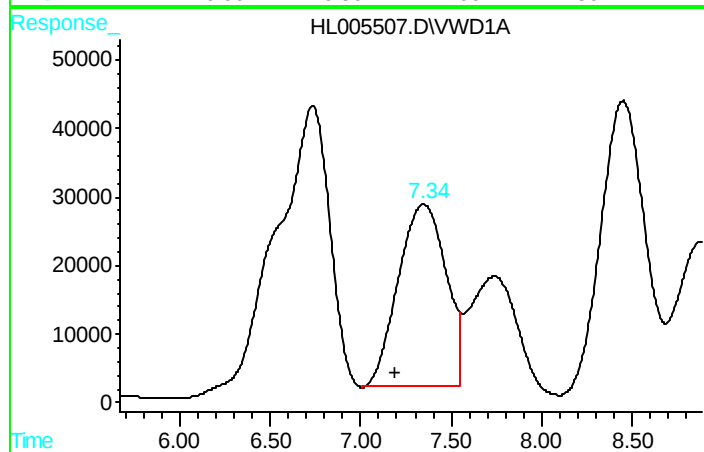
#9 2,4,6-Trinitrotoluene

R.T.: 6.732 min
Delta R.T.: 0.181 min
Response: 5762792
Conc: 490.78 ug/L m

Instrument :
HPLC_L
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HSTDCCC0500

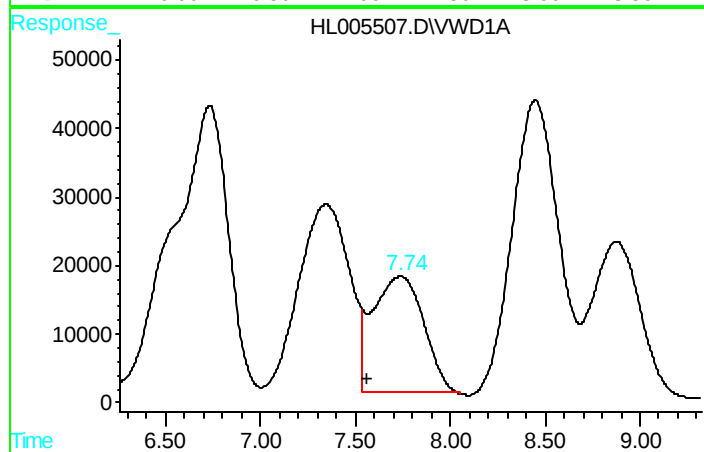
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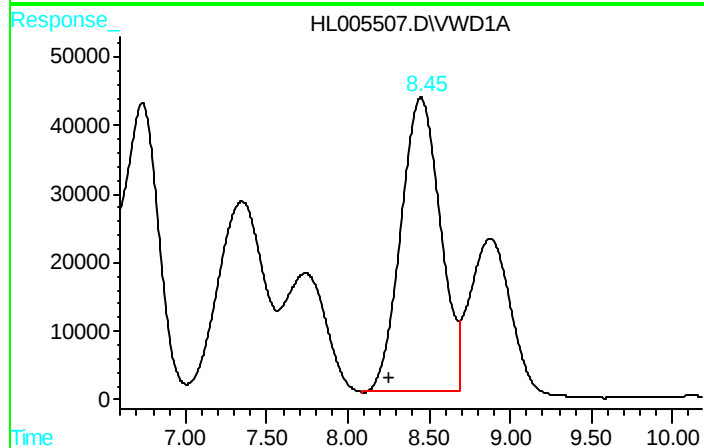
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.344 min
Delta R.T.: 0.154 min
Response: 4883225
Conc: 415.35 ug/L m



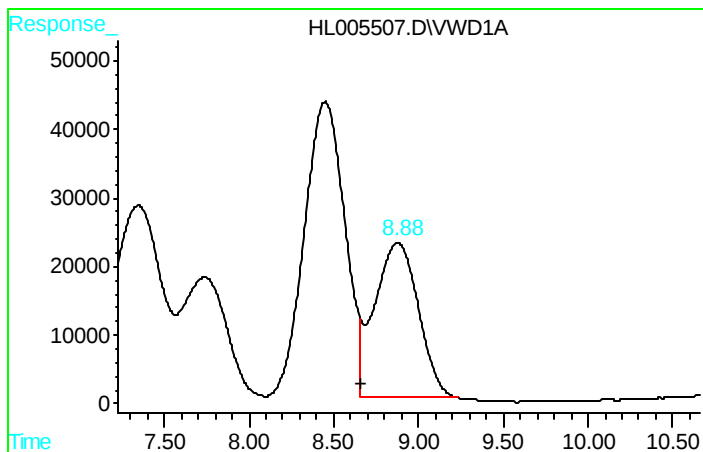
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.739 min
Delta R.T.: 0.179 min
Response: 3172159
Conc: 489.79 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.447 min
Delta R.T.: 0.197 min
Response: 7253795
Conc: 484.62 ug/L m



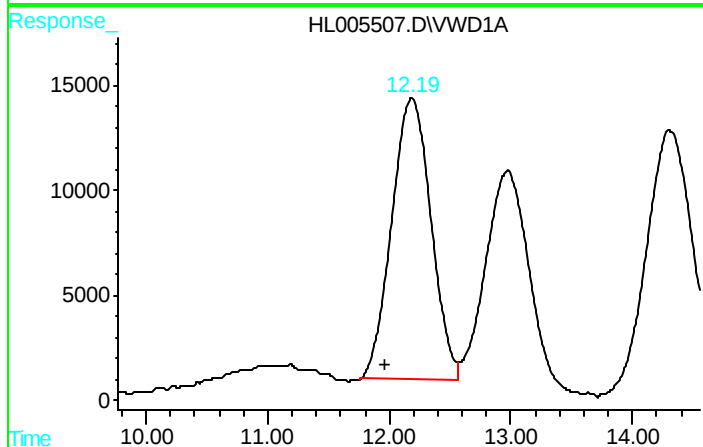
#13 2,6-Dinitrotoluene

R.T.: 8.875 min
Delta R.T.: 0.215 min
Response: 4065721
Conc: 486.04 ug/L m

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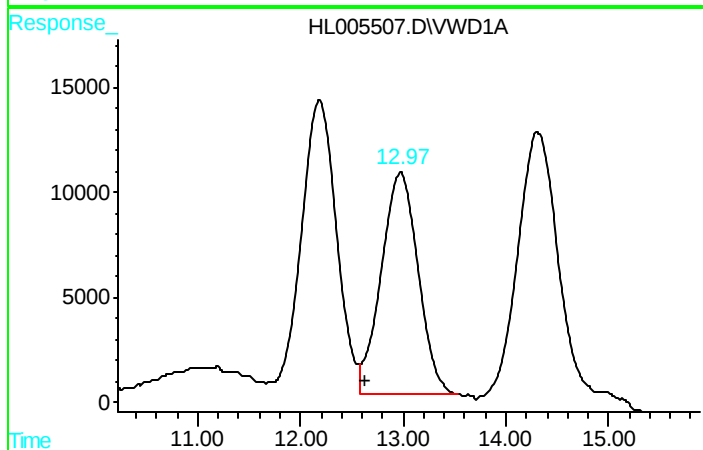
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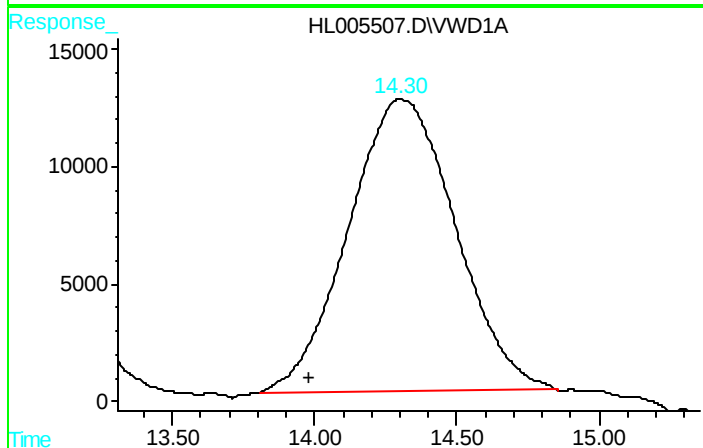
#14 2-Nitrotoluene

R.T.: 12.186 min
Delta R.T.: 0.226 min
Response: 2996337
Conc: 469.44 ug/L m



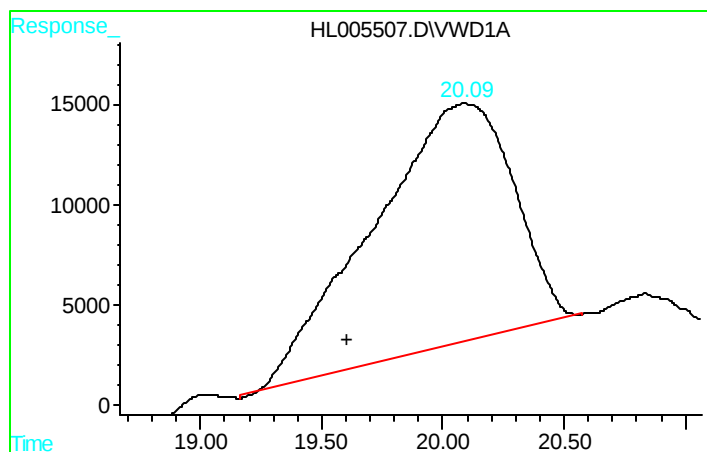
#15 4-Nitrotoluene

R.T.: 12.973 min
Delta R.T.: 0.336 min
Response: 2642949
Conc: 489.90 ug/L m



#16 3-Nitrotoluene

R.T.: 14.298 min
Delta R.T.: 0.318 min
Response: 3254017
Conc: 468.24 ug/L m



#17 PETN

R.T.: 20.088 min
Delta R.T.: 0.488 min
Response: 4815385
Conc: 516.06 ug/L m

Instrument :
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LabSampleId :
HSTDCCC0500

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