

Data File : S:\HPCHEM1\HPLC_L\DATA\HL071113\HL005537.D Vial: 2
 Acq On : 11-Jul-2013, 19:09 Operator: QM
 Sample : HSTDICC2000 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 11 21:00 2013 Quant Results File: HL071113.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC2000

Manual Integrations
 APPROVED

QI
 7/12/2013 11:17:16 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL071113.M
 Title :
 Last Update : Thu Jul 11 20:47:47 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	8378892	2051.640 ug/L
Target Compounds			
2) T HMX	0.88	8086516	1790.564 ug/L m
3) T RDX	1.72	10167106	2009.617 ug/L
4) T 1,3,5-Trinitrobenzene	2.65	21734305	1947.565 ug/L
5) T 1,3-Dinitrobenzene	3.52	31691564	2038.123 ng/ml
6) T 3,5-Dinitroaniline	3.92	26952296	1933.162 ug/L
7) T Nitrobenzene	4.75	19284768	1942.121 ug/L
8) T Tetryl	6.32	11255377	1862.253 ug/L m
9) T 2,4,6-Trinitrotoluene	6.47	24989642	2138.585 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.07	20825875	1772.539 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.43	9904297	1719.536 ug/L m
12) T 2,4-Dinitrotoluene	8.13	28921713	1939.462 ug/L m
13) T 2,6-Dinitrotoluene	8.54	14747905	1765.532 ug/L m
14) T 2-Nitrotoluene	11.76	12931919	2022.469 ug/L m
15) T 4-Nitrotoluene	12.51	10274606	1911.909 ug/L m
16) T 3-Nitrotoluene	13.77	12854460	1869.359 ug/L m
17) T PETN	19.40	19377116	1883.346 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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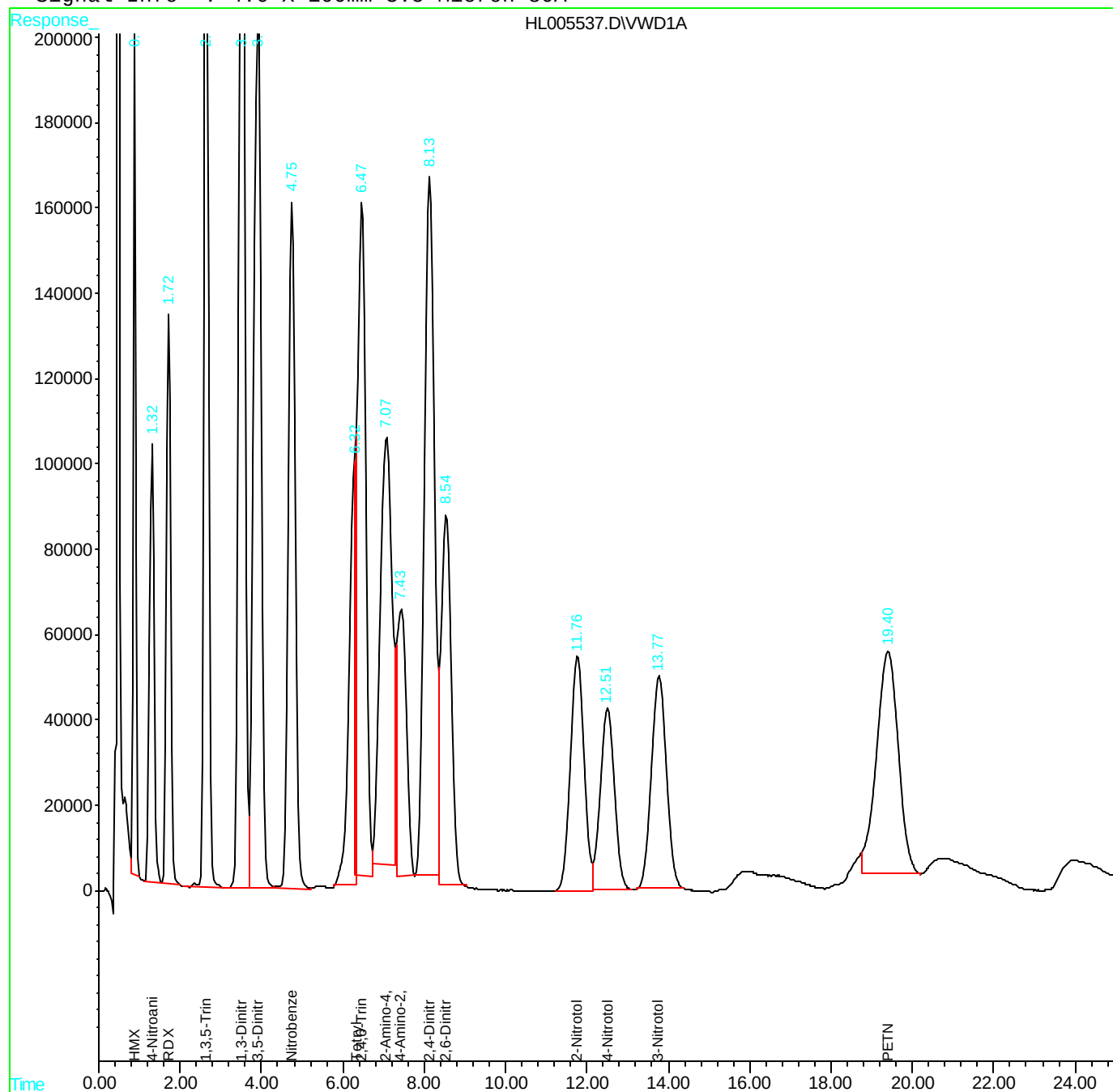
Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC2000

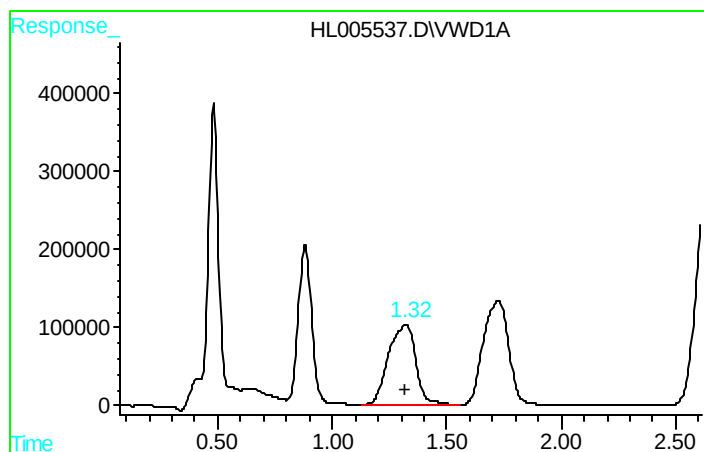
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL071113.M
 Title :
 Last Update : Thu Jul 11 20:47:47 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





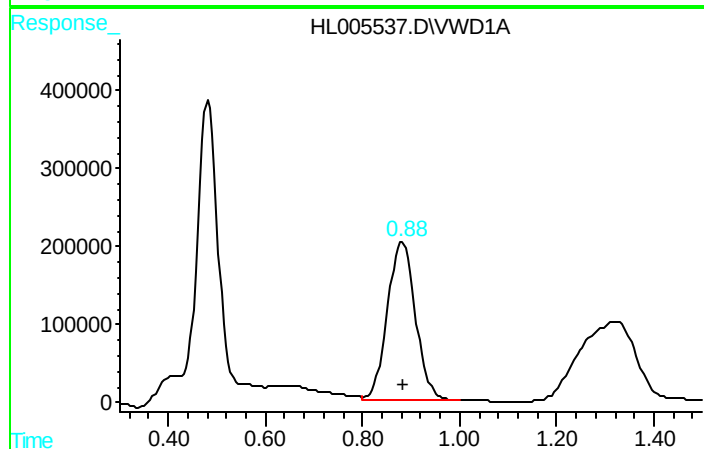
#1 4-Nitroaniline

R.T.: 1.318 min
Delta R.T.: 0.000 min
Response: 8378892
Conc: 2051.64 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC2000

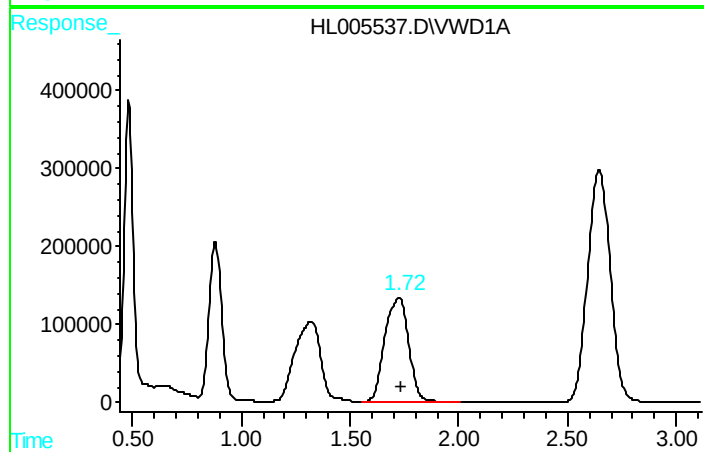
Manual Integrations
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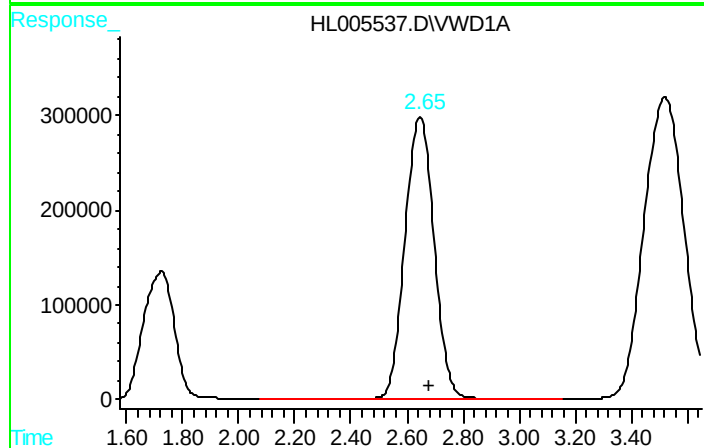
#2 HMX

R.T.: 0.880 min
Delta R.T.: -0.003 min
Response: 8086516
Conc: 1790.56 ug/L m



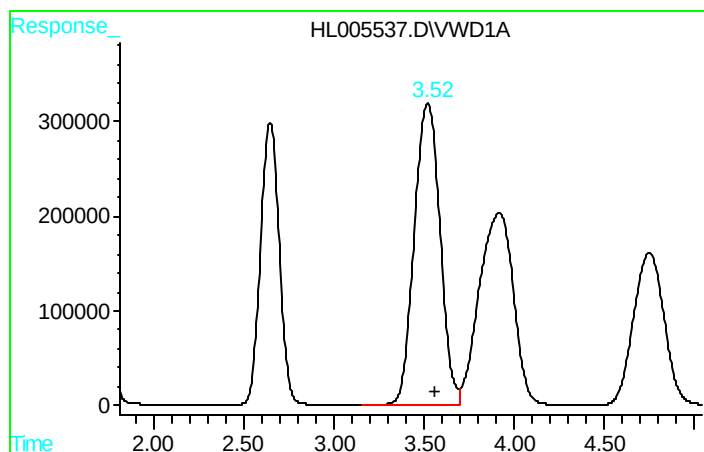
#3 RDX

R.T.: 1.723 min
Delta R.T.: -0.010 min
Response: 10167106
Conc: 2009.62 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.647 min
Delta R.T.: -0.031 min
Response: 21734305
Conc: 1947.57 ug/L



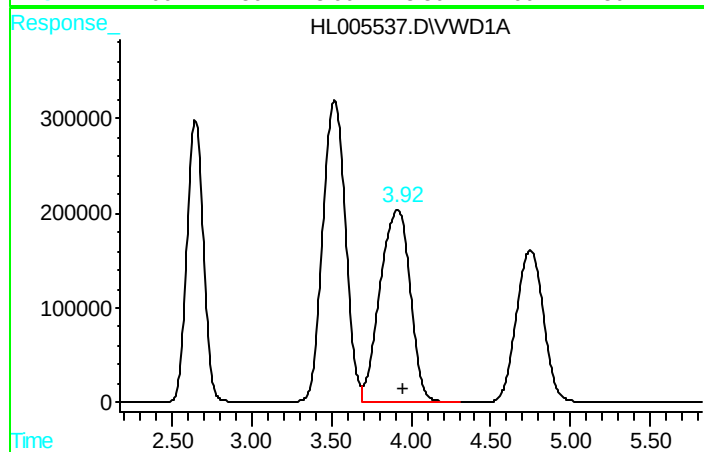
#5 1,3-Dinitrobenzene

R.T.: 3.521 min
Delta R.T.: -0.042 min
Response: 31691564
Conc: 2038.12 ng/ml

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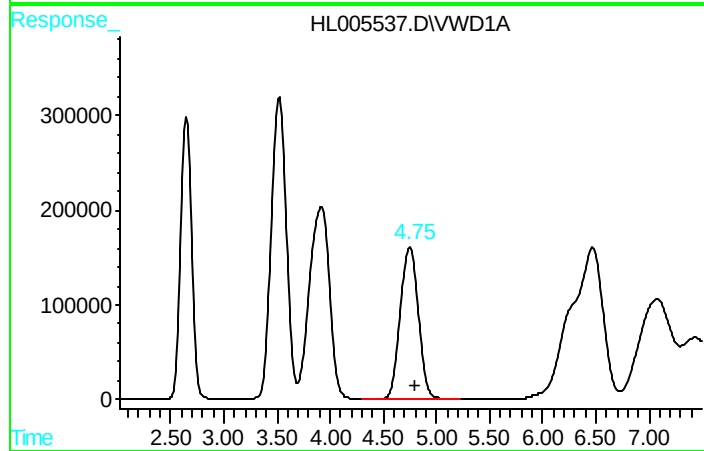
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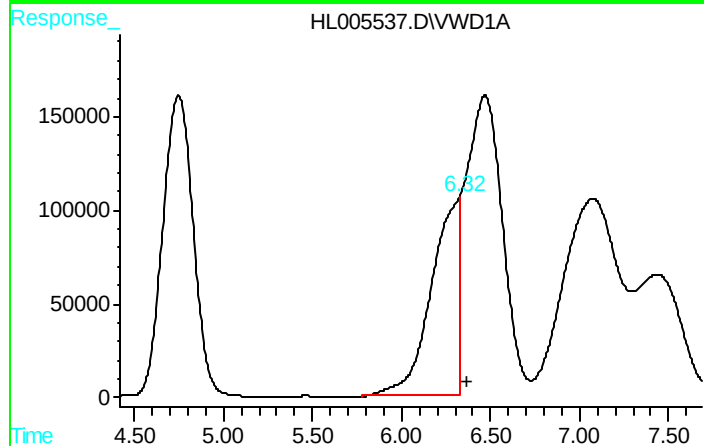
#6 3,5-Dinitroaniline

R.T.: 3.916 min
Delta R.T.: -0.030 min
Response: 26952296
Conc: 1933.16 ug/L



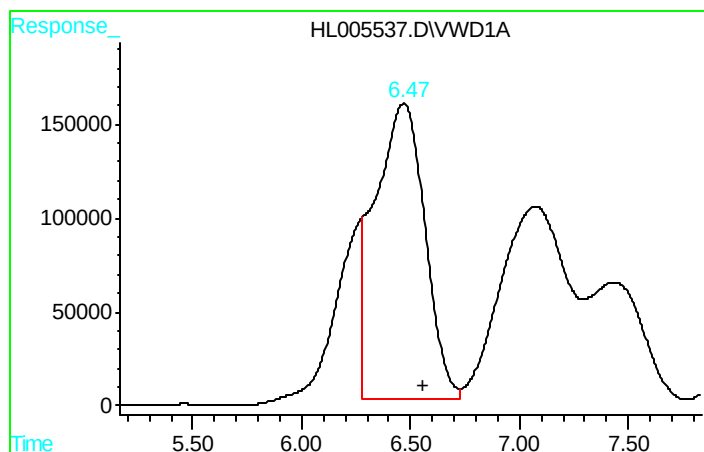
#7 Nitrobenzene

R.T.: 4.748 min
Delta R.T.: -0.056 min
Response: 19284768
Conc: 1942.12 ug/L



#8 Tetryl

R.T.: 6.324 min
Delta R.T.: -0.039 min
Response: 11255377
Conc: 1862.25 ug/L m



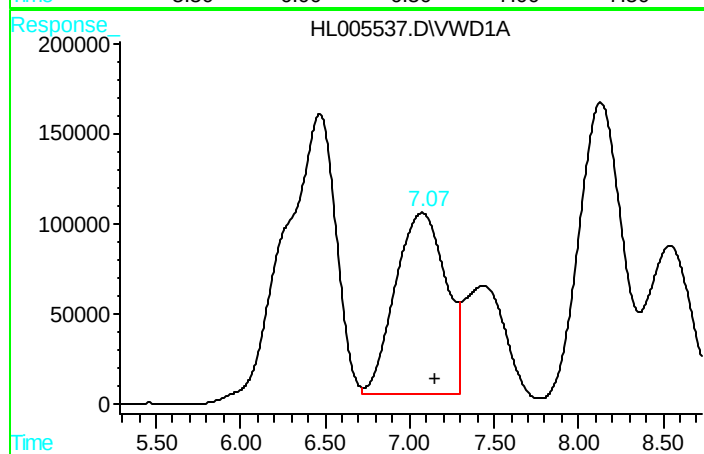
#9 2,4,6-Trinitrotoluene

R.T.: 6.467 min
Delta R.T.: -0.092 min
Response: 24989642
Conc: 2138.58 ug/L

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HSTDICC2000

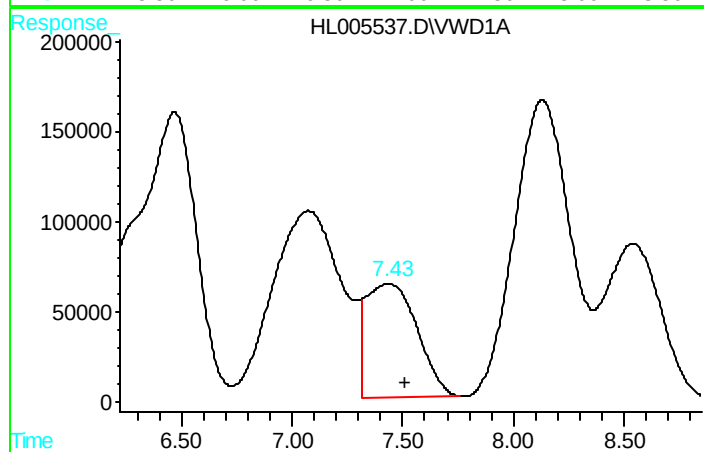
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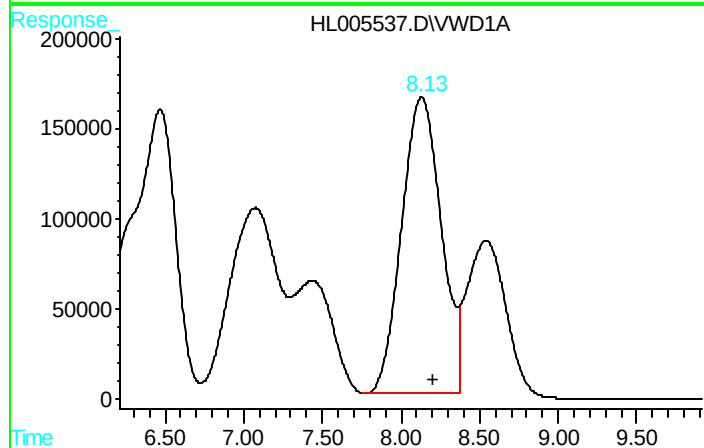
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.074 min
Delta R.T.: -0.076 min
Response: 20825875
Conc: 1772.54 ug/L m



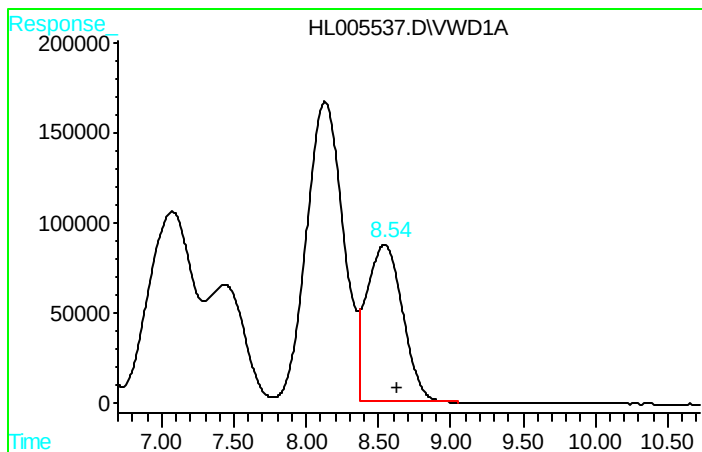
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.433 min
Delta R.T.: -0.077 min
Response: 9904297
Conc: 1719.54 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.129 min
Delta R.T.: -0.077 min
Response: 28921713
Conc: 1939.46 ug/L m



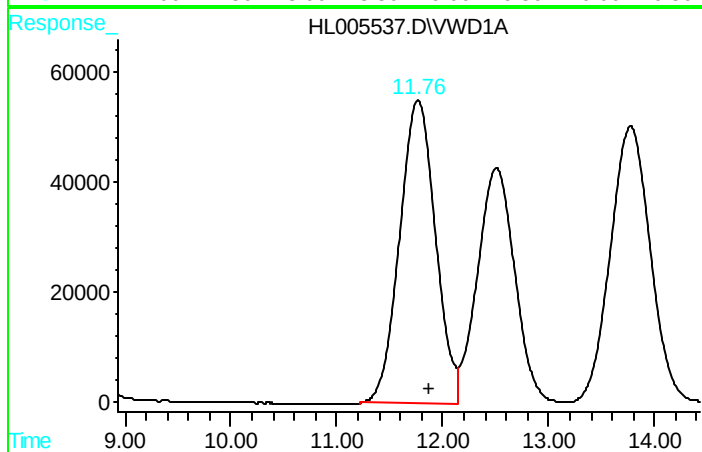
#13 2,6-Dinitrotoluene

R.T.: 8.539 min
Delta R.T.: -0.087 min
Response: 14747905
Conc: 1765.53 ug/L

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HPLC_L
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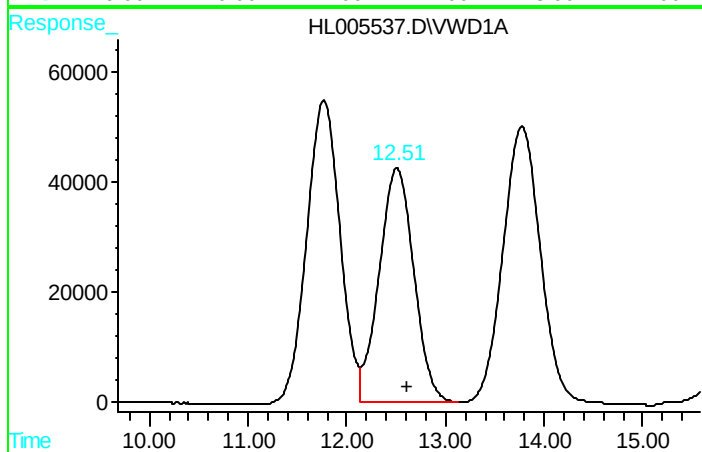
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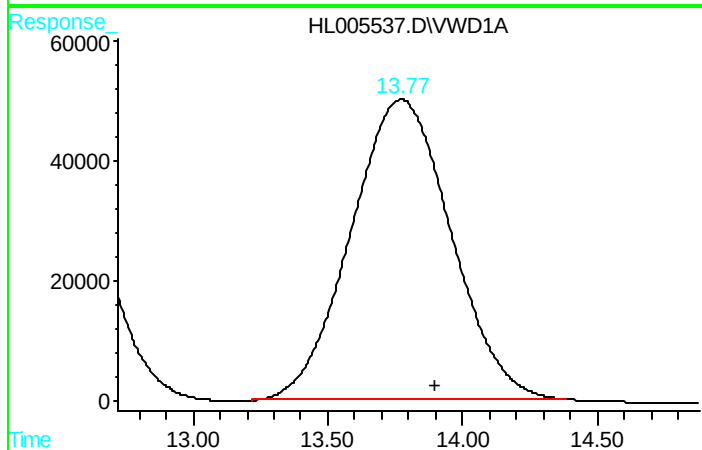
#14 2-Nitrotoluene

R.T.: 11.764 min
Delta R.T.: -0.098 min
Response: 12931919
Conc: 2022.47 ug/L m



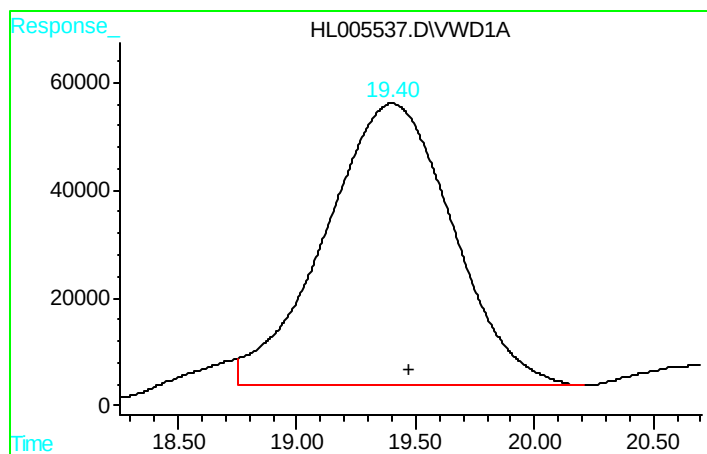
#15 4-Nitrotoluene

R.T.: 12.506 min
Delta R.T.: -0.109 min
Response: 10274606
Conc: 1911.91 ug/L m



#16 3-Nitrotoluene

R.T.: 13.771 min
Delta R.T.: -0.127 min
Response: 12854460
Conc: 1869.36 ug/L m



#17 PETN

R.T.: 19.398 min
Delta R.T.: -0.077 min
Response: 19377116
Conc: 1883.35 ug/L

Instrument :

HPLC_L

LabSampleId :

HSTDICC2000

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