

Data File : S:\HPCHEM1\HPLC_L\DATA\HL071113\HL005539.D Vial: 4
 Acq On : 11-Jul-2013, 20:03 Operator: QM
 Sample : HSTDICC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 11 21:01 2013 Quant Results File: HL071113.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC0500

Manual Integrations
 APPROVED

QI
 7/12/2013 11:17:13 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	2155718	527.845 ug/L
Target Compounds			
2) T HMX	0.88	1953017	432.448 ug/L
3) T RDX	1.73	2603473	514.599 ug/L
4) T 1,3,5-Trinitrobenzene	2.68	5578611	499.888 ug/L
5) T 1,3-Dinitrobenzene	3.56	7834431	503.842 ng/ml
6) T 3,5-Dinitroaniline	3.95	6726616	482.469 ug/L
7) T Nitrobenzene	4.80	4973308	500.849 ug/L
8) T Tetryl	6.42	2926046	484.128 ug/L m
9) T 2,4,6-Trinitrotoluene	6.56	6019400	515.133 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.15	5348021	455.183 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.51	3067279	532.526 ug/L
12) T 2,4-Dinitrotoluene	8.21	7521848	504.408 ug/L
13) T 2,6-Dinitrotoluene	8.63	4084322	488.951 ug/L
14) T 2-Nitrotoluene	11.86	3346570	523.382 ug/L
15) T 4-Nitrotoluene	12.62	2727615	507.557 ug/L
16) T 3-Nitrotoluene	13.90	3296608	479.409 ug/L
17) T PETN	19.47	5851423	568.725 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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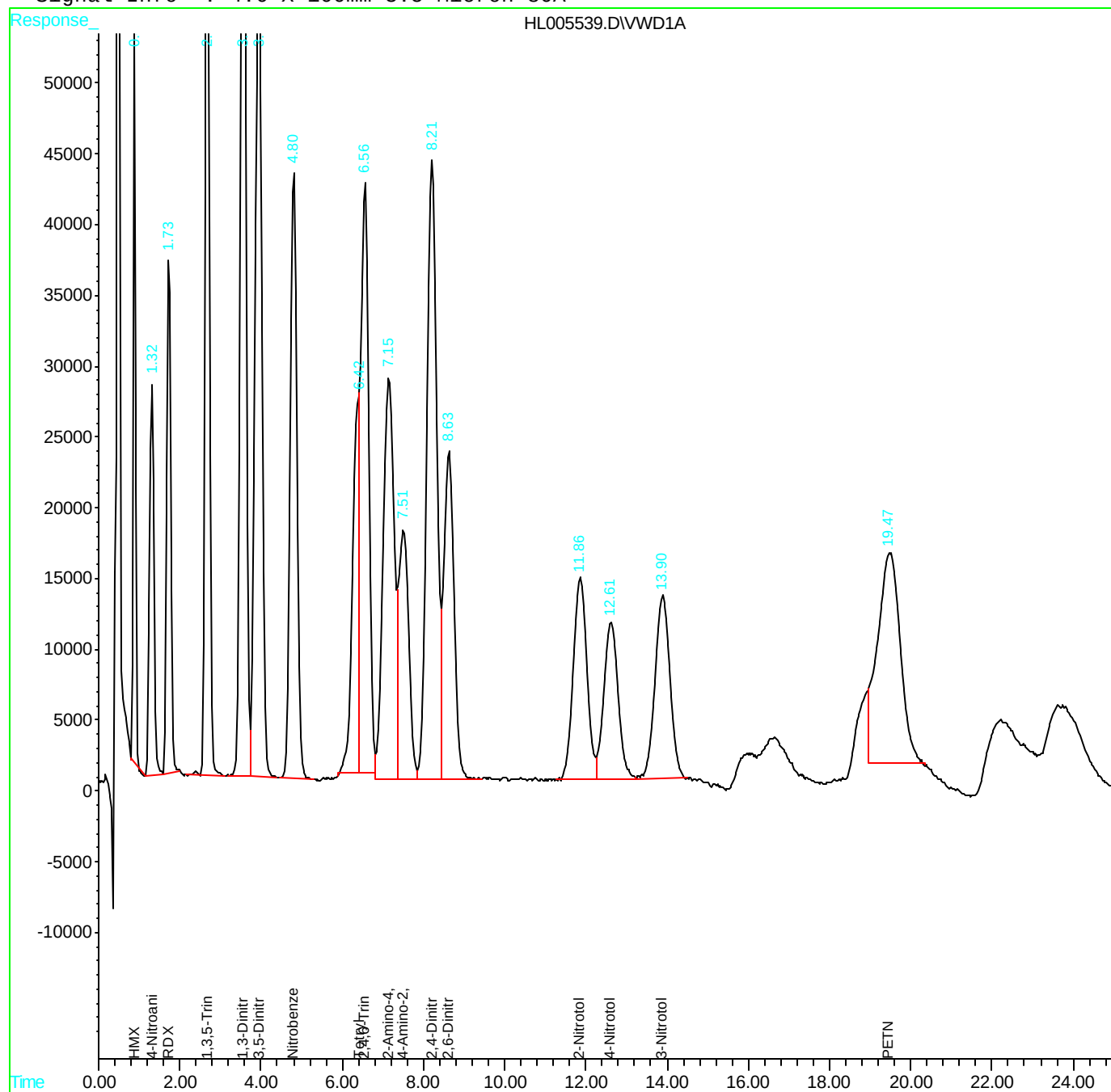
Instrument :
HPLC_L
LabSampleId :
HSTDICC0500

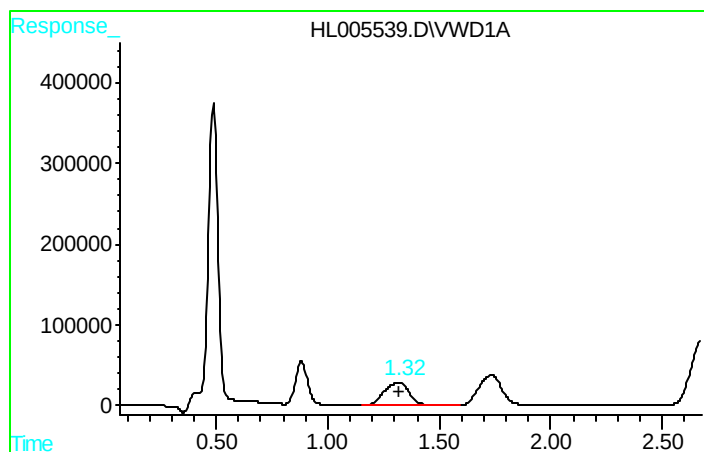
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7/12/2013 11:17:13 AM

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





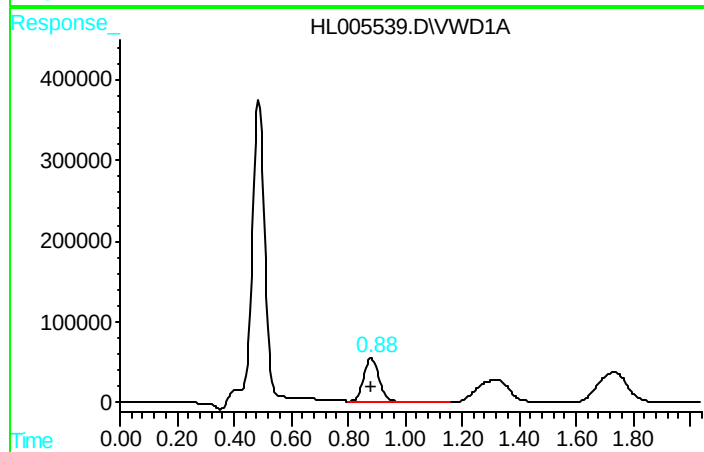
#1 4-Nitroaniline

R.T.: 1.319 min
Delta R.T.: 0.000 min
Response: 2155718
Conc: 527.85 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDIC0500

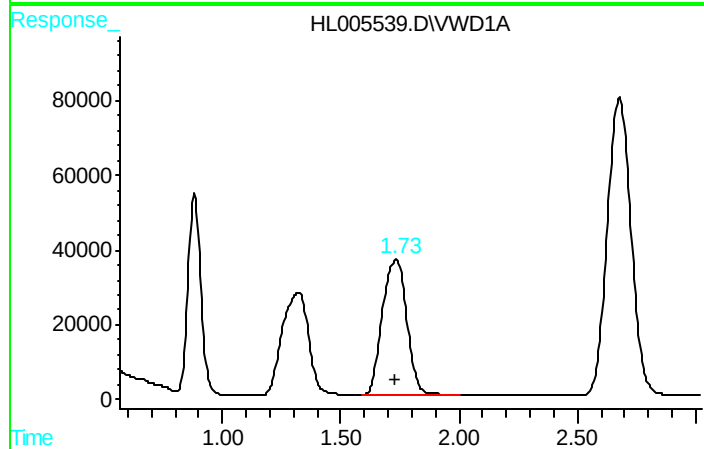
Manual Integrations
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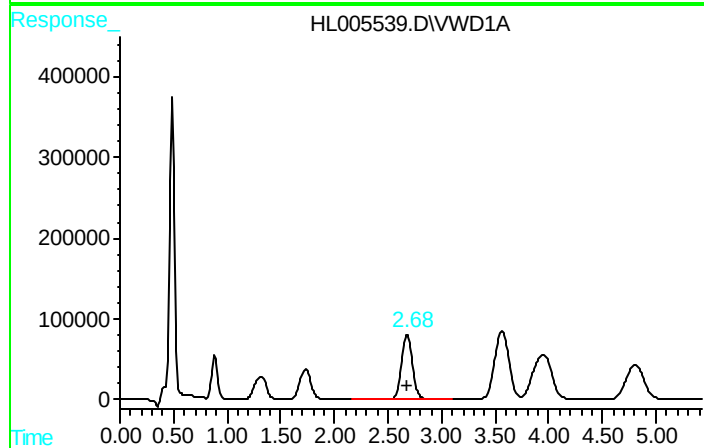
#2 HMX

R.T.: 0.883 min
Delta R.T.: 0.000 min
Response: 1953017
Conc: 432.45 ug/L



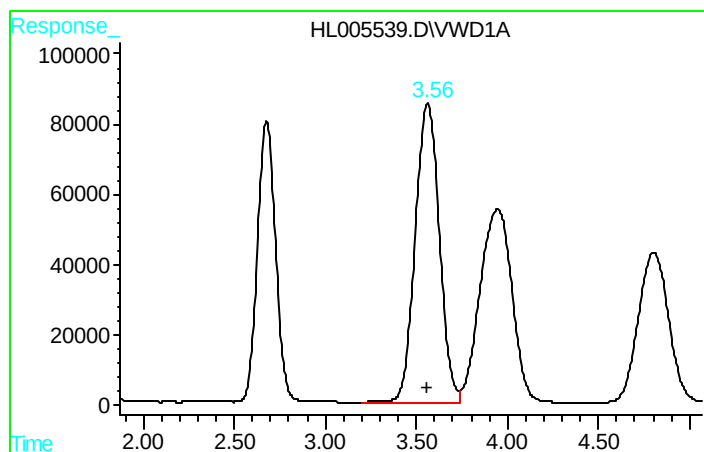
#3 RDX

R.T.: 1.733 min
Delta R.T.: 0.000 min
Response: 2603473
Conc: 514.60 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.678 min
Delta R.T.: 0.000 min
Response: 5578611
Conc: 499.89 ug/L



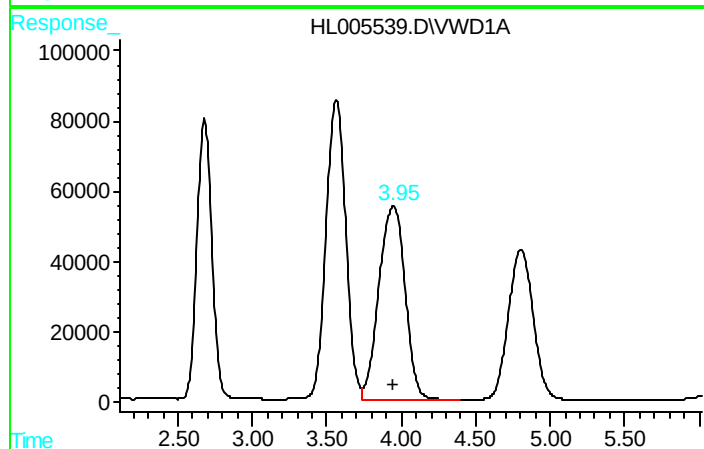
#5 1,3-Dinitrobenzene

R.T.: 3.563 min
Delta R.T.: 0.000 min
Response: 7834431
Conc: 503.84 ng/ml

Instrument :
HPLC_L
LabSampleId :
HSTDIC0500

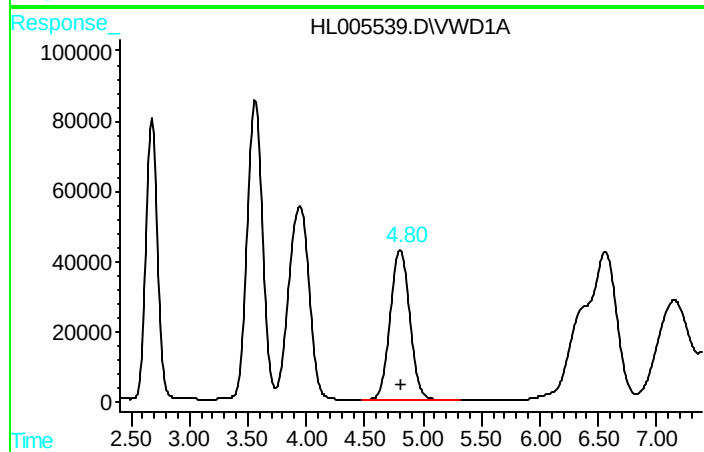
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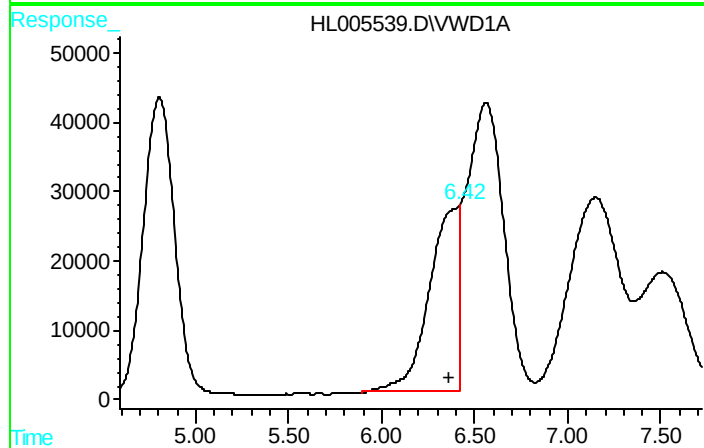
#6 3,5-Dinitroaniline

R.T.: 3.946 min
Delta R.T.: 0.000 min
Response: 6726616
Conc: 482.47 ug/L



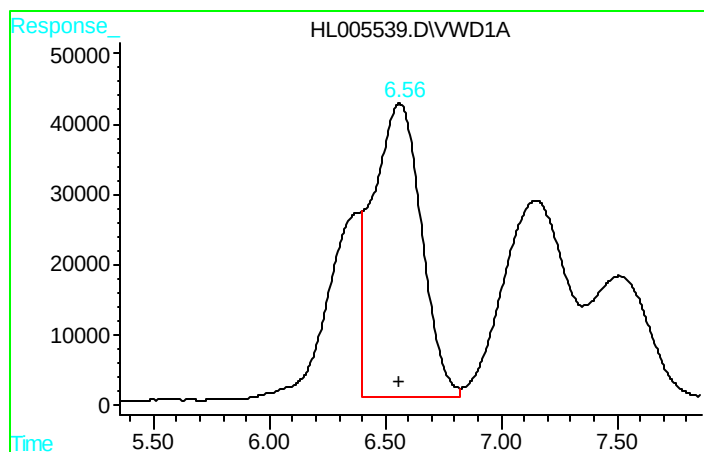
#7 Nitrobenzene

R.T.: 4.805 min
Delta R.T.: 0.000 min
Response: 4973308
Conc: 500.85 ug/L



#8 Tetryl

R.T.: 6.417 min
Delta R.T.: 0.053 min
Response: 2926046
Conc: 484.13 ug/L m



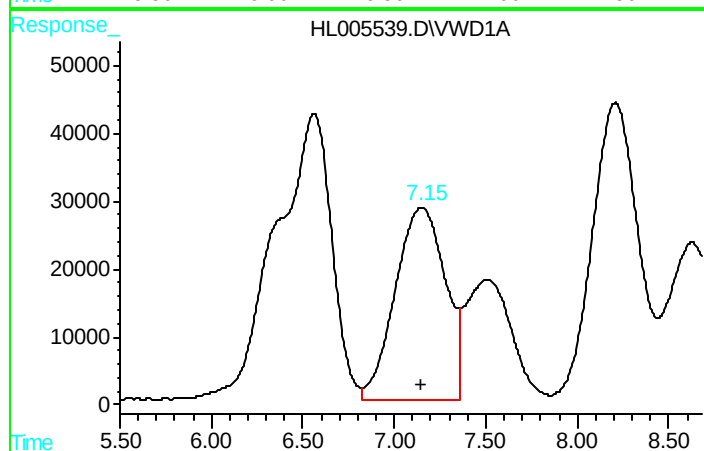
#9 2,4,6-Trinitrotoluene

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 6019400
Conc: 515.13 ug/L m

Instrument :
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HSTDIC0500

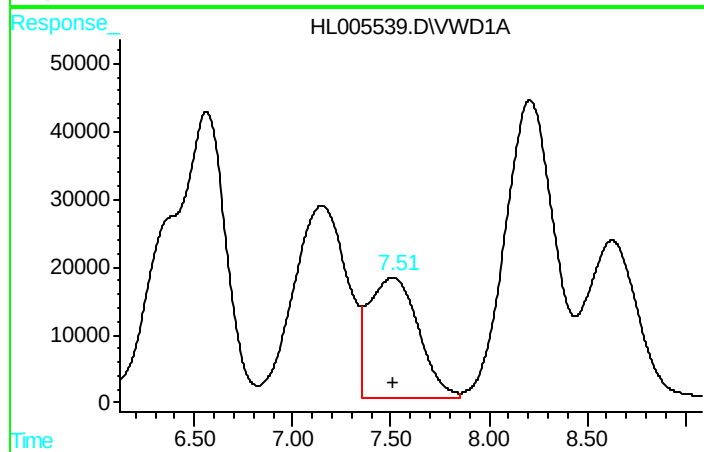
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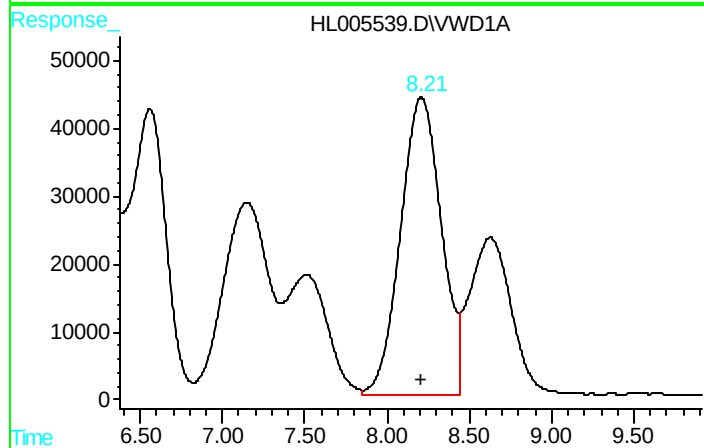
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 5348021
Conc: 455.18 ug/L



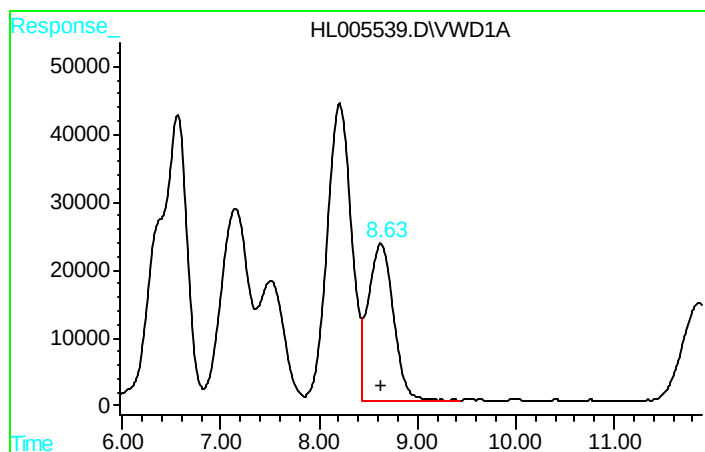
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.510 min
Delta R.T.: 0.000 min
Response: 3067279
Conc: 532.53 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.209 min
Delta R.T.: 0.003 min
Response: 7521848
Conc: 504.41 ug/L



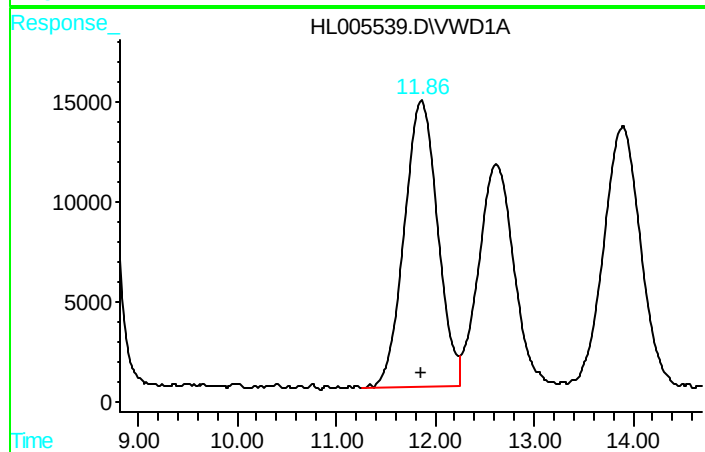
#13 2,6-Dinitrotoluene

R.T.: 8.627 min
Delta R.T.: 0.001 min
Response: 4084322
Conc: 488.95 ug/L

Instrument :
HPLC_L
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HSTDIC0500

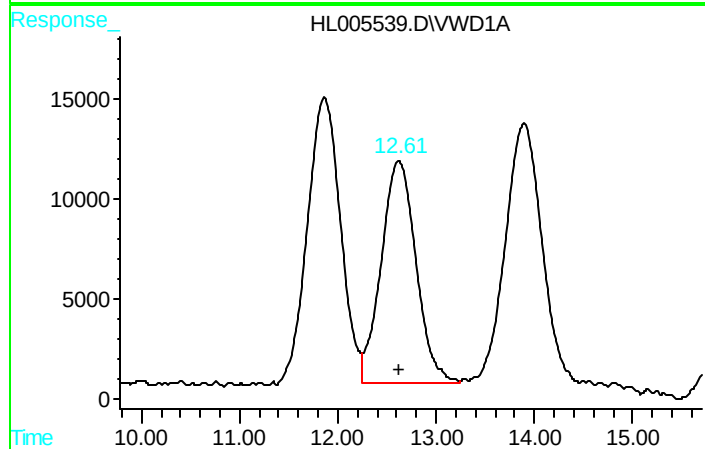
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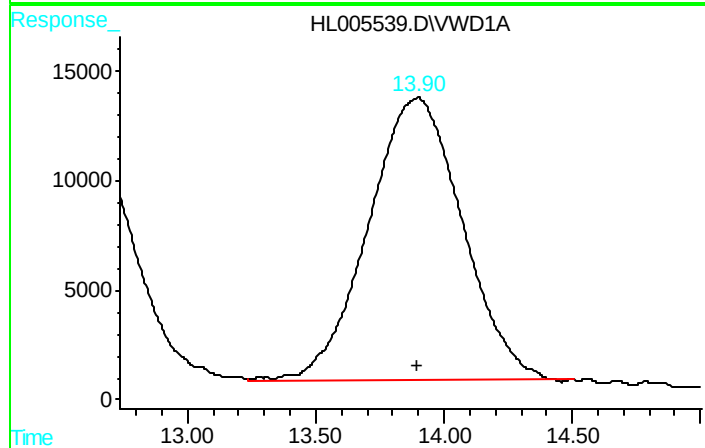
#14 2-Nitrotoluene

R.T.: 11.862 min
Delta R.T.: 0.000 min
Response: 3346570
Conc: 523.38 ug/L



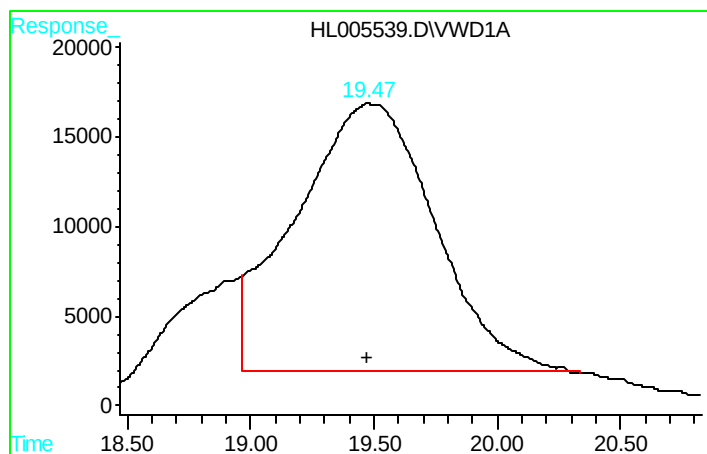
#15 4-Nitrotoluene

R.T.: 12.618 min
Delta R.T.: 0.003 min
Response: 2727615
Conc: 507.56 ug/L



#16 3-Nitrotoluene

R.T.: 13.897 min
Delta R.T.: -0.001 min
Response: 3296608
Conc: 479.41 ug/L



#17 PETN

R.T.: 19.475 min
Delta R.T.: 0.000 min
Response: 5851423
Conc: 568.73 ug/L m

Instrument :

HPLC_L

LabSampleId :

HSTDIC0500

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