

Data File : S:\HPCHEM1\HPLC_L\DATA\HL071113\HL005544.D Vial: 11
 Acq On : 11-Jul-2013, 22:17 Operator: QM
 Sample : PB70847BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 12 5:15 2013 Quant Results File: HL071113.RES

Instrument :
 HPLC_L
 ClientSampleId :
 PB70847BS

Manual Integrations
 APPROVED

QI
 7/12/2013 11:17:36 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL071113.M
 Title :
 Last Update : Fri Jul 12 04:48:32 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	1.29	717339	180.095 ug/L
Target Compounds			
2) T HMX	0.87	520457	126.878 ug/L
3) T RDX	1.69	740742	145.795 ug/L
4) T 1,3,5-Trinitrobenzene	2.65	1539303	140.239 ug/L
5) T 1,3-Dinitrobenzene	3.53	2147140	137.477 ng/ml
6) T 3,5-Dinitroaniline	3.92	2009757	151.088 ug/L
7) T Nitrobenzene	4.76	1345727	142.414 ug/L
8) T Tetryl	6.36	685775	120.996 ug/L m
9) T 2,4,6-Trinitrotoluene	6.53	1615717	136.739 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.12	1478783	133.833 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.50	895410	160.294 ug/L
12) T 2,4-Dinitrotoluene	8.17	2043112	139.158 ug/L
13) T 2,6-Dinitrotoluene	8.58	1122034	146.597 ug/L
14) T 2-Nitrotoluene	11.83	891348	144.476 ug/L
15) T 4-Nitrotoluene	12.59	737300	145.371 ug/L
16) T 3-Nitrotoluene	13.87	954174	151.245 ug/L
17) T PETN	19.42	1203211	125.862 ug/L

 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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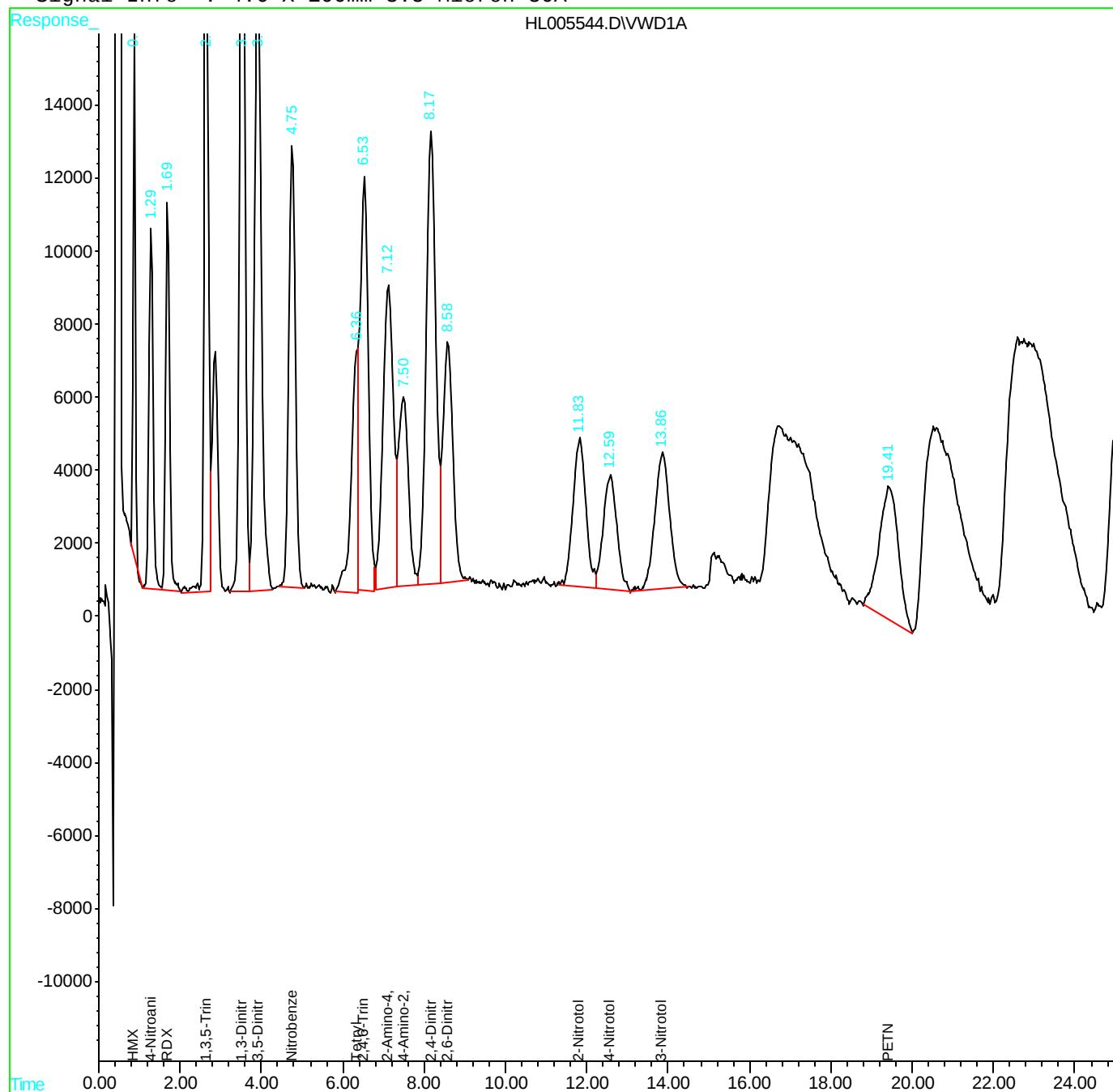
Instrument :
HPLC_L
ClientSampleId :
PB70847BS

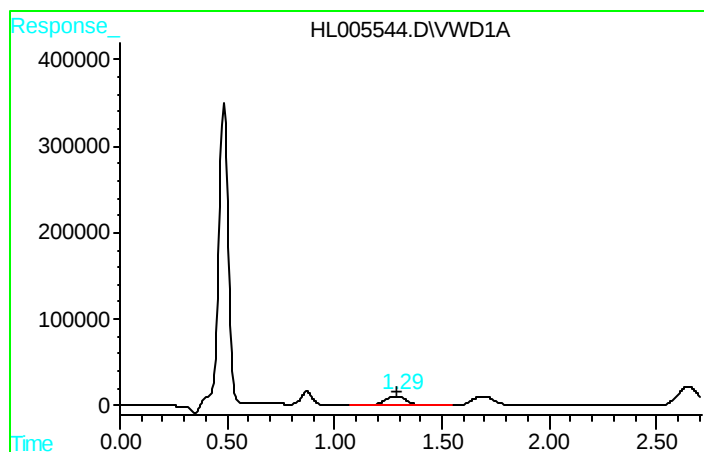
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL071113.M
Title :
Last Update : Fri Jul 12 04:48:32 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





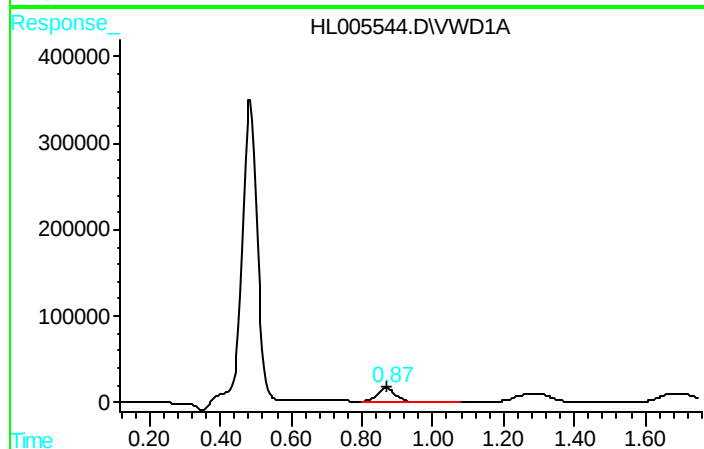
#1 4-Nitroaniline

R.T.: 1.289 min
Delta R.T.: 0.000 min
Response: 717339
Conc: 180.10 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB70847BS

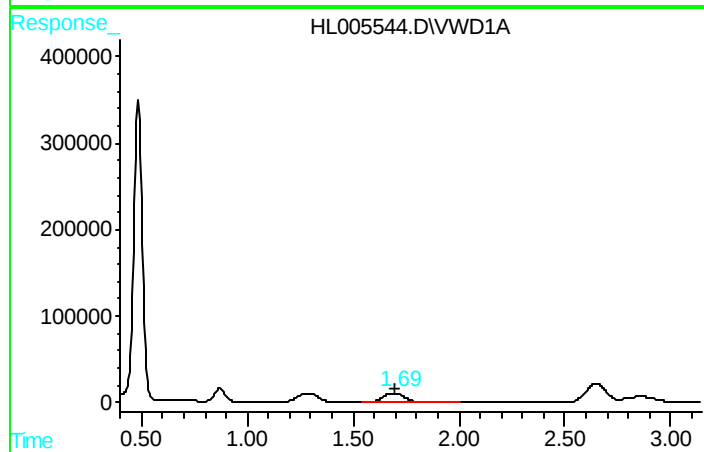
Manual Integrations
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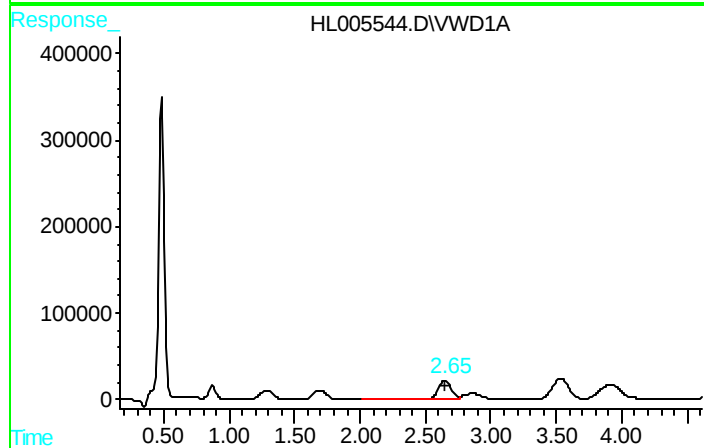
#2 HMX

R.T.: 0.872 min
Delta R.T.: 0.000 min
Response: 520457
Conc: 126.88 ug/L



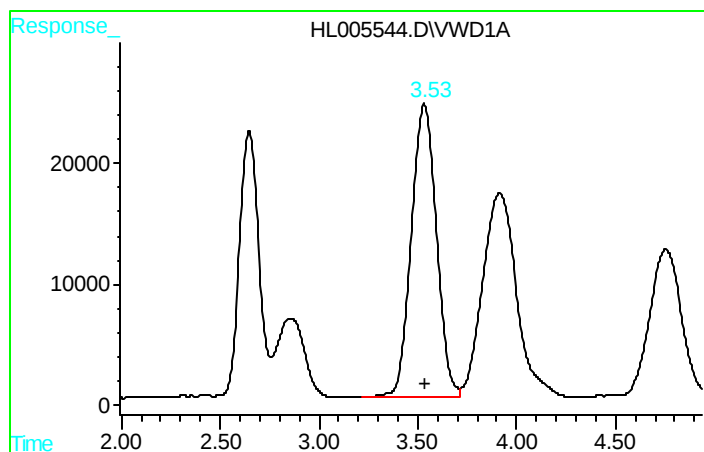
#3 RDX

R.T.: 1.695 min
Delta R.T.: 0.000 min
Response: 740742
Conc: 145.80 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.648 min
Delta R.T.: 0.000 min
Response: 1539303
Conc: 140.24 ug/L



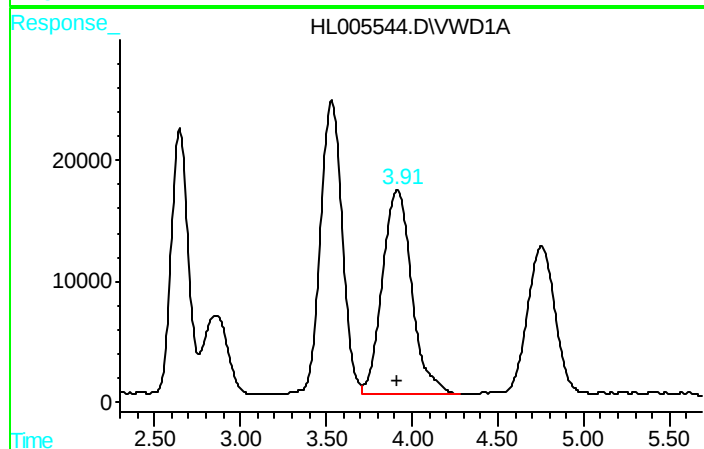
#5 1,3-Dinitrobenzene

R.T.: 3.533 min
Delta R.T.: 0.000 min
Response: 2147140
Conc: 137.48 ng/ml

Instrument :
HPLC_L
ClientSampleId :
PB70847BS

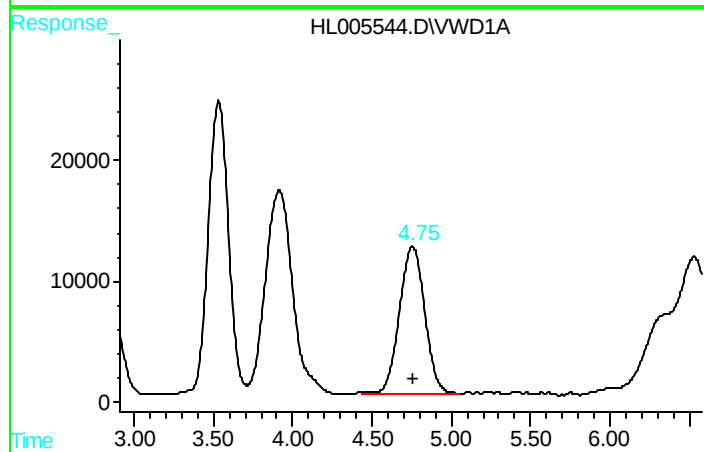
Manual Integrations
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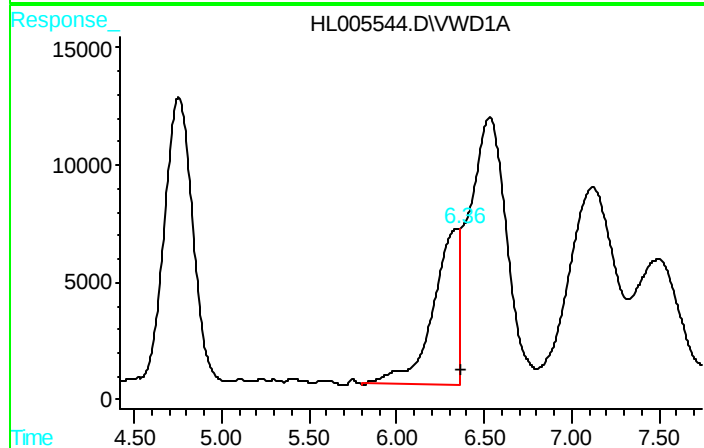
#6 3,5-Dinitroaniline

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 2009757
Conc: 151.09 ug/L



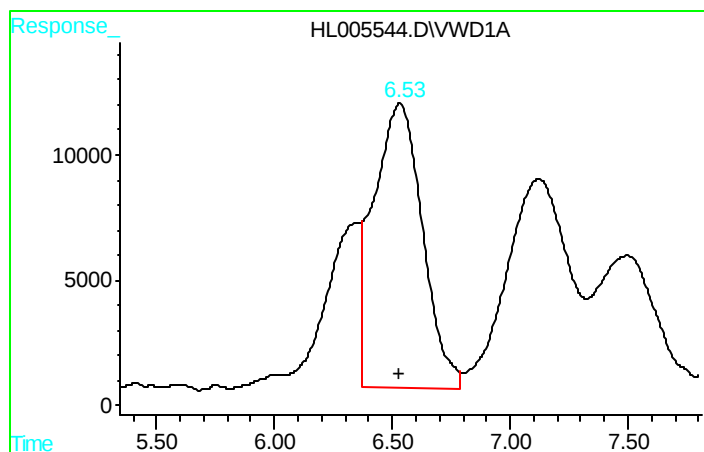
#7 Nitrobenzene

R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 1345727
Conc: 142.41 ug/L



#8 Tetryl

R.T.: 6.358 min
Delta R.T.: -0.005 min
Response: 685775
Conc: 121.00 ug/L m



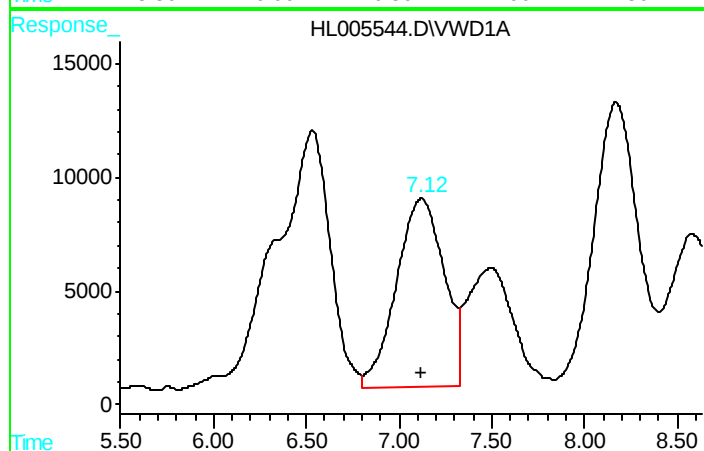
#9 2,4,6-Trinitrotoluene

R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 1615717
Conc: 136.74 ug/L m

Instrument :
HPLC_L
ClientSampled :
PB70847BS

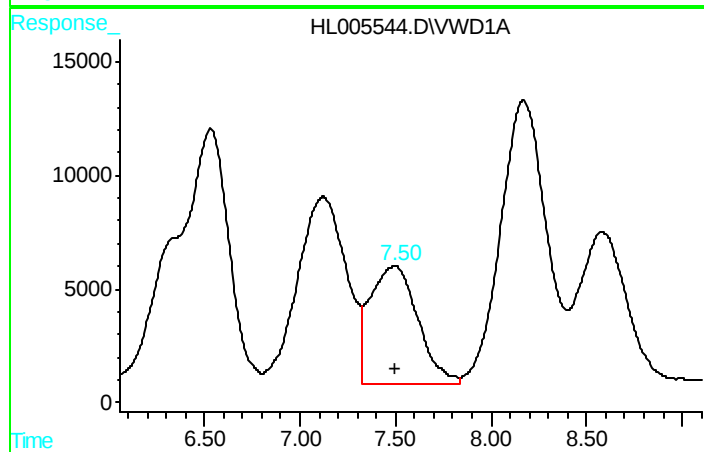
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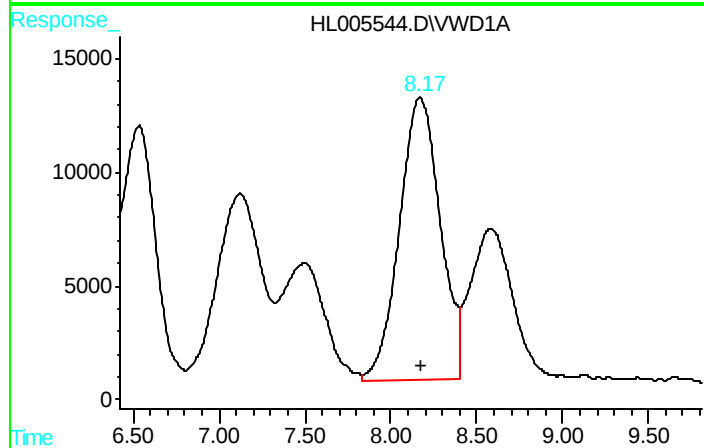
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.121 min
Delta R.T.: 0.000 min
Response: 1478783
Conc: 133.83 ug/L



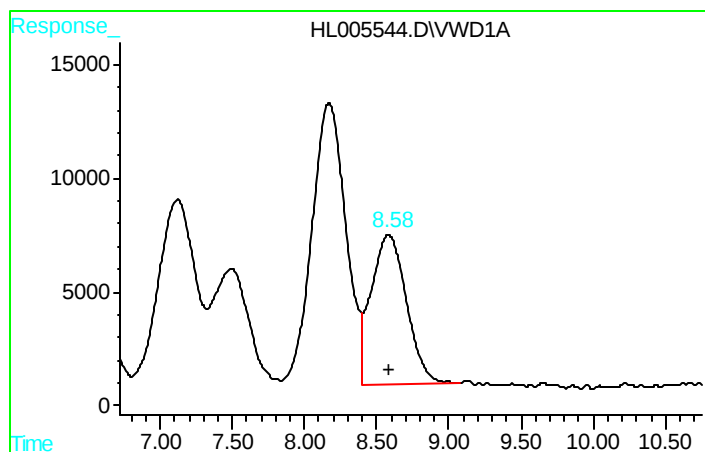
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 895410
Conc: 160.29 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.170 min
Delta R.T.: 0.000 min
Response: 2043112
Conc: 139.16 ug/L



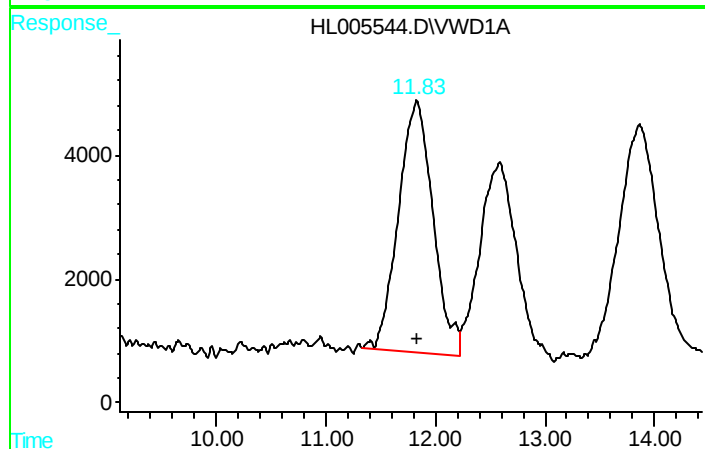
#13 2,6-Dinitrotoluene

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 1122034
Conc: 146.60 ug/L

Instrument :
HPLC_L
ClientSampleId :
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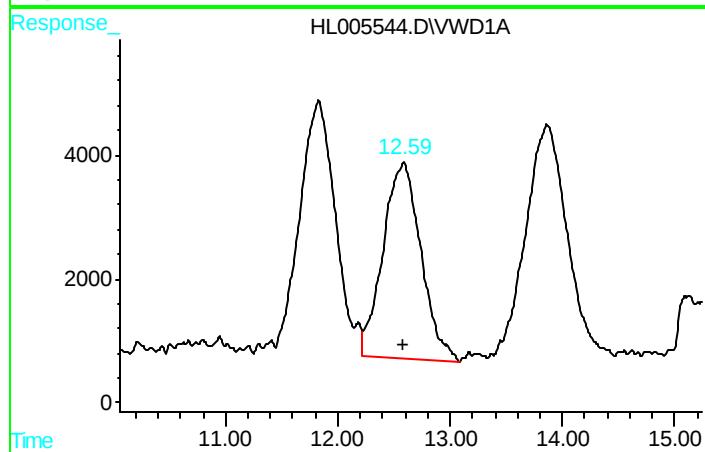
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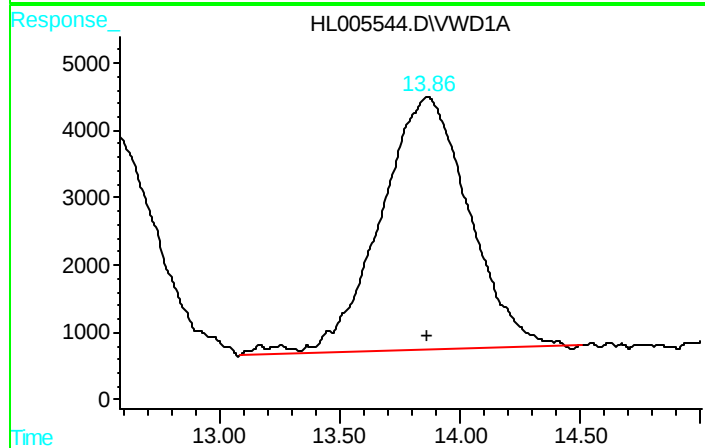
#14 2-Nitrotoluene

R.T.: 11.830 min
Delta R.T.: 0.000 min
Response: 891348
Conc: 144.48 ug/L



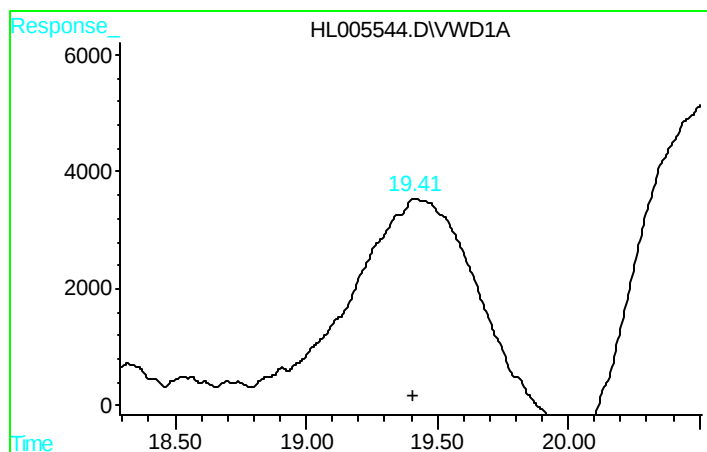
#15 4-Nitrotoluene

R.T.: 12.586 min
Delta R.T.: 0.000 min
Response: 737300
Conc: 145.37 ug/L



#16 3-Nitrotoluene

R.T.: 13.866 min
Delta R.T.: 0.000 min
Response: 954174
Conc: 151.25 ug/L



#17 PETN

R.T.: 19.421 min
Delta R.T.: 0.011 min
Response: 1203211
Conc: 125.86 ug/L

Instrument :
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ClientSampleId :
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