

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN120214\HN007129.D\VWD1A.CH Vial: 9
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN120214\HN007129.D\VWD1A.CH
 Acq On : 02-Dec-2014, 14:33 Operator: TP
 Sample : F4574-19 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Dec 3 6:40 2014 Quant Results File: HN120214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 PT-EXP-SOIL

Manual Integrations
 APPROVED

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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN120214.M
 Title :
 Last Update : Tue Dec 02 14:25:16 2014
 Response via : Initial Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:
 Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.30	2084426	497.611 ug/L
Target Compounds			
2) T HMX	0.87	4029723	927.805 ug/L m
3) T RDX	1.69	3753382	677.815 ug/L
4) T 1,3,5-Trinitrobenzene	2.66	4144657	359.911 ug/L
5) T 1,3-Dinitrobenzene	3.53	13386492	799.248 ng/ml
6) T 3,5-Dinitroaniline	3.90	3437581	263.610 ug/L
7) T Nitrobenzene	4.77	2669183	265.482 ug/L
9) T 2,4,6-Trinitrotoluene	6.54	5456452	445.730 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.09	8088975	716.703 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.45	2412737	368.684 ug/L
12) T 2,4-Dinitrotoluene	8.20	2125889	138.658 ug/L
13) T 2,6-Dinitrotoluene	8.62	3096473	371.066 ug/L
14) T 2-Nitrotoluene	11.95	5190966	791.503 ug/L
15) T 4-Nitrotoluene	12.69	5364379	1012.657 ug/L
16) T 3-Nitrotoluene	14.01	5438087	726.251 ug/L
17) T PETN	19.06	2628112	312.794 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.

HN007129.D HN120214.M Wed Dec 31 17:30:49 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN120214\HN007129.D\VWD1A.CH Vial: 9
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN120214\HN007129.D\VWD1A.CH
Acq On : 02-Dec-2014, 14:33 Operator: TP
Sample : F4574-19 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Dec 3 6:40 2014 Quant Results File: HN120214.RES

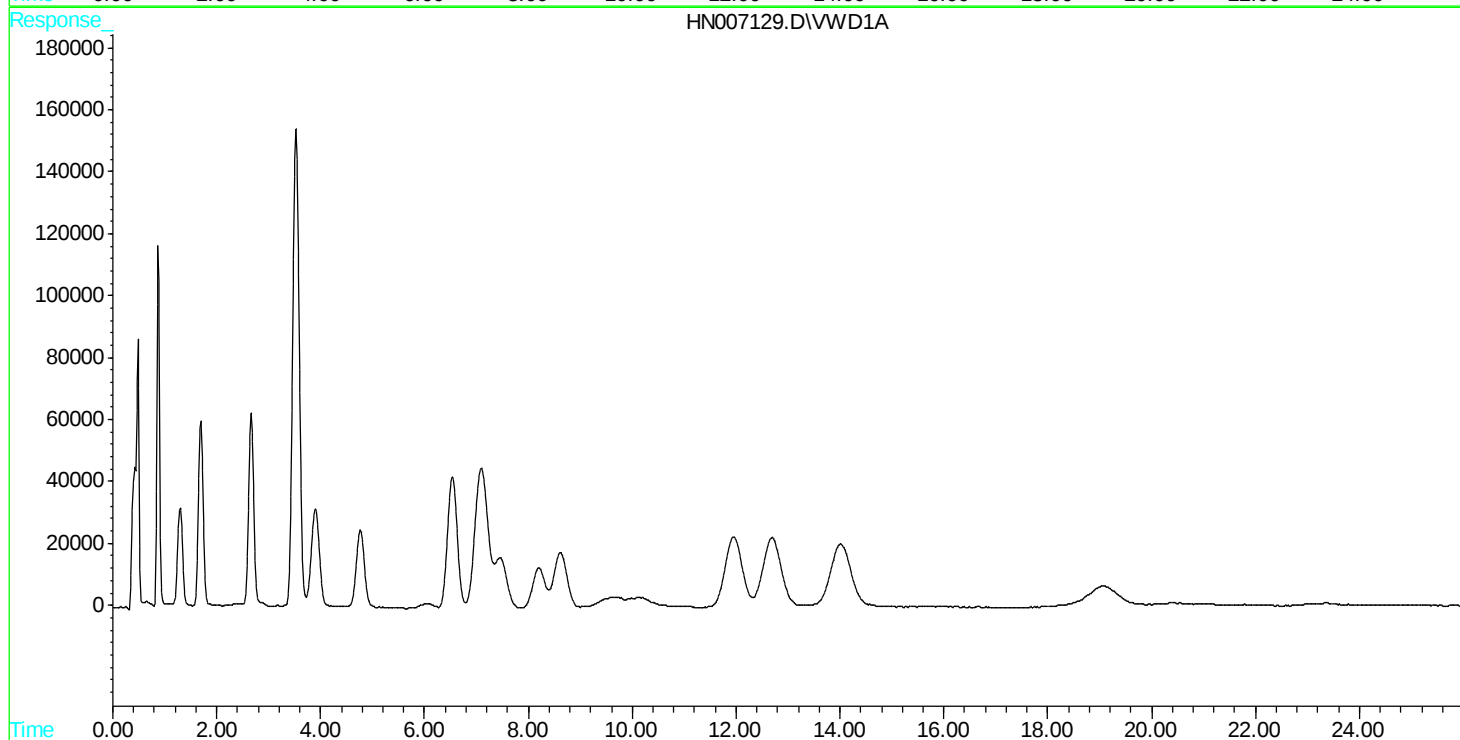
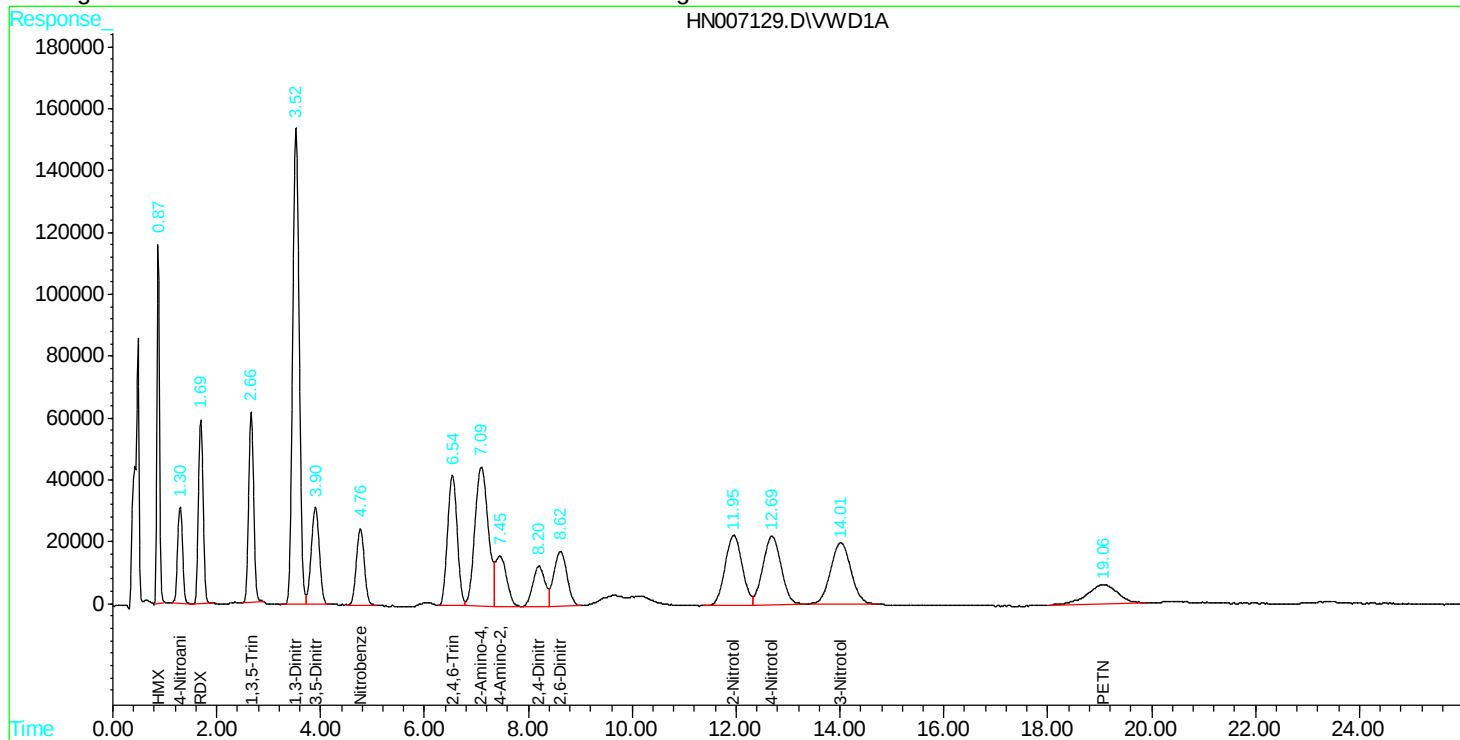
Instrument :
HPLC_N
ClientSampleId :
PT-EXP-SOIL

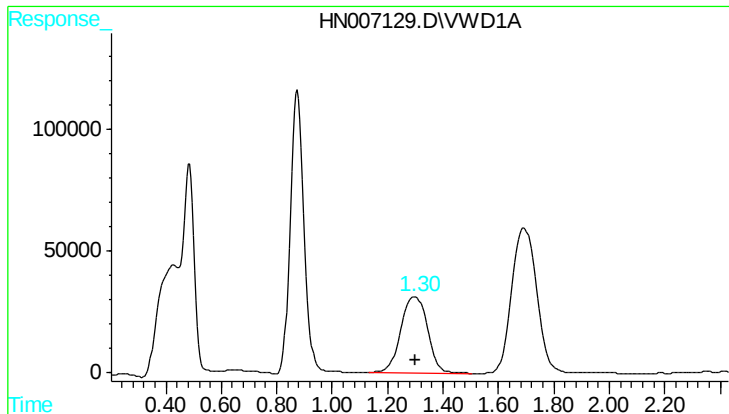
Manual Integrations
APPROVED

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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN120214.M
Title :
Last Update : Tue Dec 02 14:25:16 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:
Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :





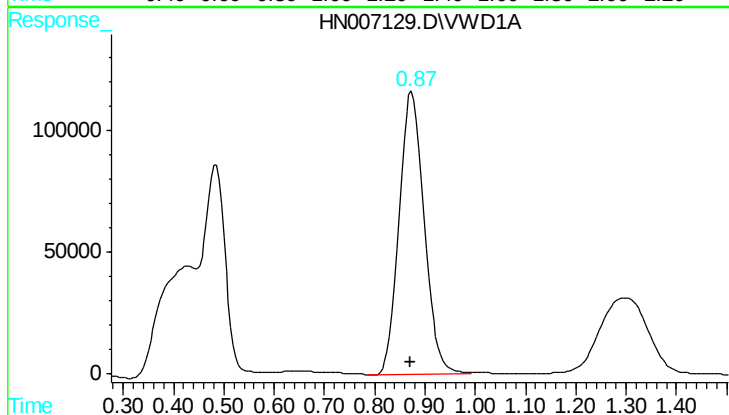
#1 4-Nitroaniline

R.T.: 1.299 min
Delta R.T.: 0.000 min
Response: 2084426
Conc: 497.61 ug/L

Instrument :
HPLC_N
ClientSampleId :
PT-EXP-SOIL

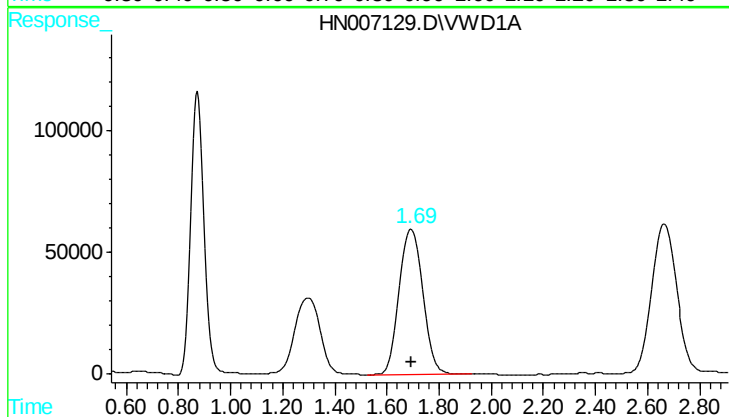
Manual Integrations
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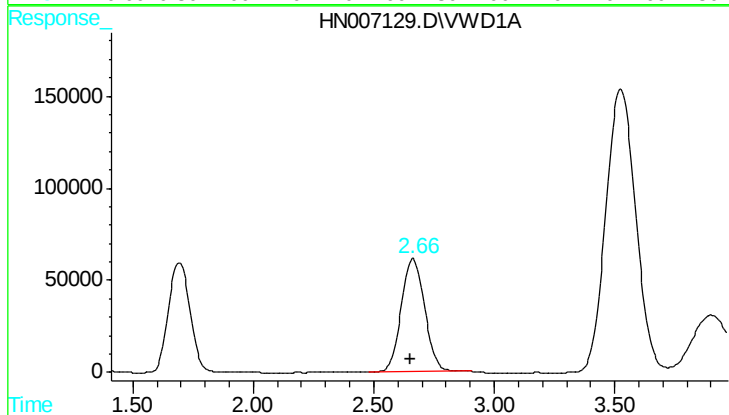
#2 HMX

R.T.: 0.872 min
Delta R.T.: 0.000 min
Response: 4029723
Conc: 927.80 ug/L m



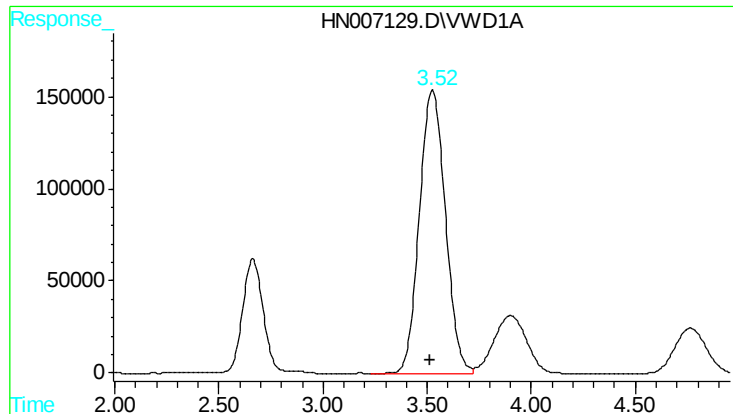
#3 RDX

R.T.: 1.694 min
Delta R.T.: 0.000 min
Response: 3753382
Conc: 677.82 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.663 min
Delta R.T.: 0.009 min
Response: 4144657
Conc: 359.91 ug/L



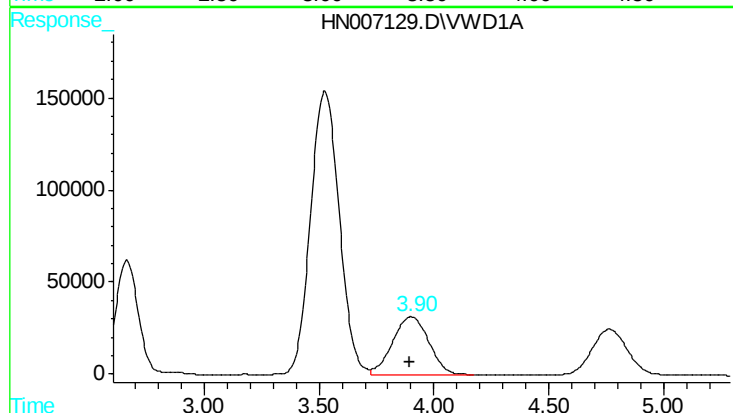
#5 1,3-Dinitrobenzene

R.T.: 3.526 min
Delta R.T.: 0.008 min
Response: 13386492
Conc: 799.25 ng/ml

Instrument :
HPLC_N
ClientSampleId :
PT-EXP-SOIL

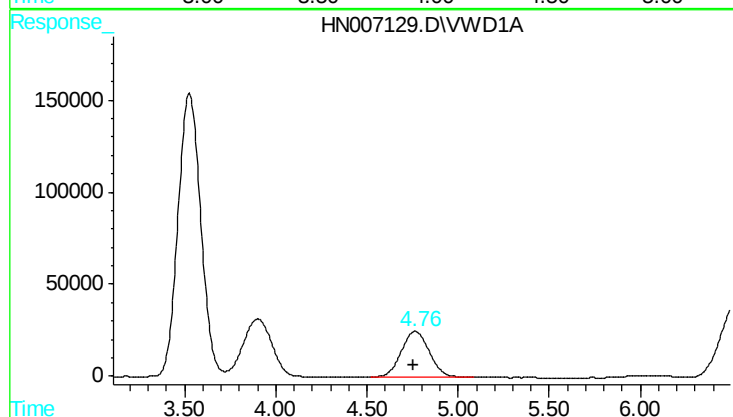
Manual Integrations
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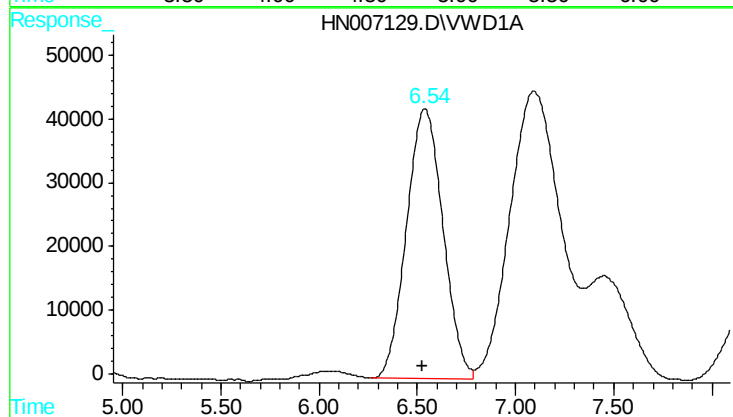
#6 3,5-Dinitroaniline

R.T.: 3.901 min
Delta R.T.: 0.008 min
Response: 3437581
Conc: 263.61 ug/L



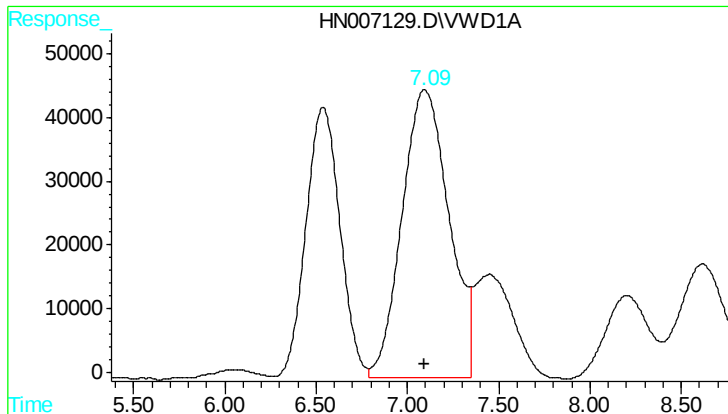
#7 Nitrobenzene

R.T.: 4.765 min
Delta R.T.: 0.008 min
Response: 2669183
Conc: 265.48 ug/L



#9 2,4,6-Trinitrotoluene

R.T.: 6.538 min
Delta R.T.: 0.010 min
Response: 5456452
Conc: 445.73 ug/L



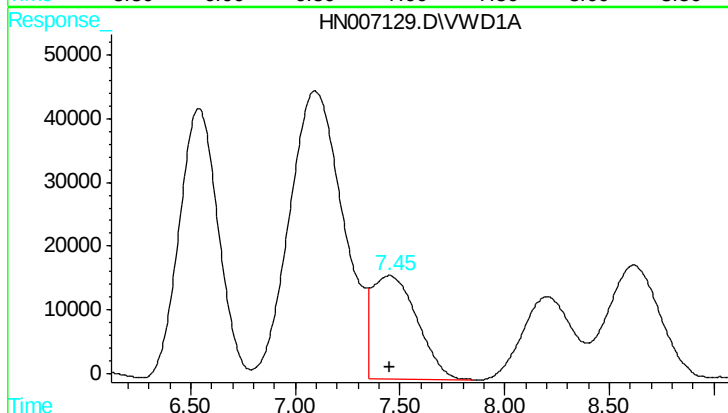
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 8088975
Conc: 716.70 ug/L

Instrument :
HPLC_N
ClientSampled :
PT-EXP-SOIL

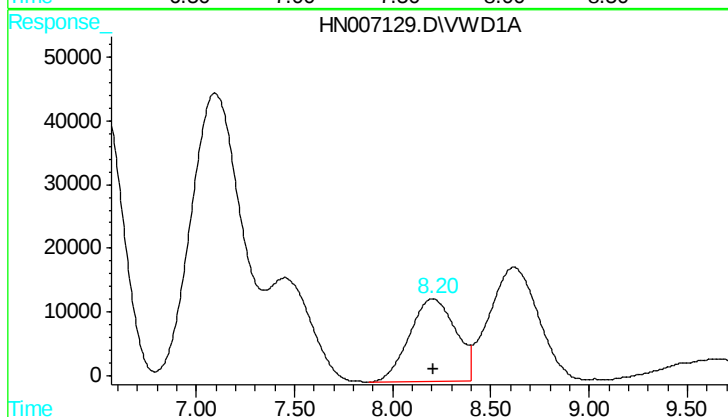
Manual Integrations
APPROVED

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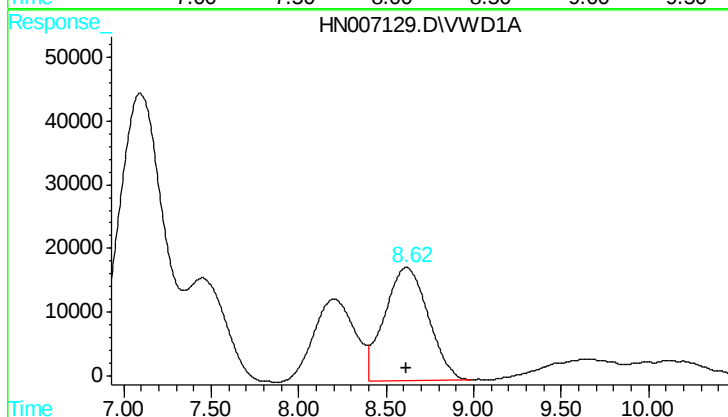
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.449 min
Delta R.T.: -0.001 min
Response: 2412737
Conc: 368.68 ug/L



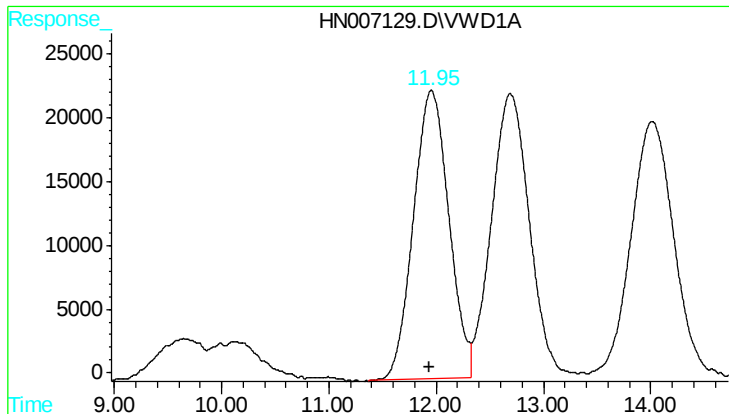
#12 2,4-Dinitrotoluene

R.T.: 8.204 min
Delta R.T.: -0.002 min
Response: 2125889
Conc: 138.66 ug/L



#13 2,6-Dinitrotoluene

R.T.: 8.617 min
Delta R.T.: -0.002 min
Response: 3096473
Conc: 371.07 ug/L



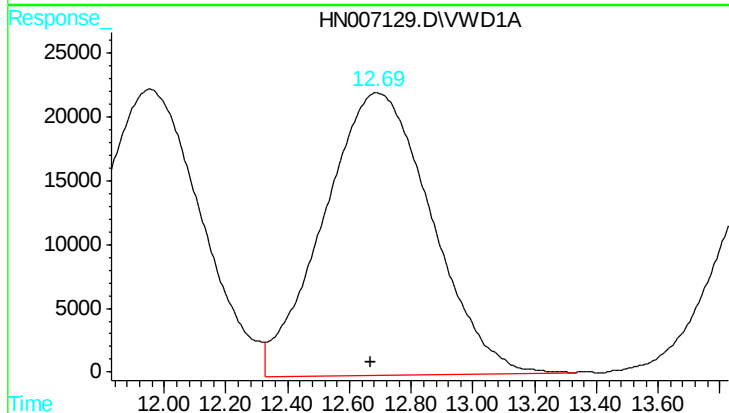
#14 2-Nitrotoluene

R.T.: 11.954 min
Delta R.T.: 0.013 min
Response: 5190966
Conc: 791.50 ug/L

Instrument :
HPLC_N
ClientSampleId :
PT-EXP-SOIL

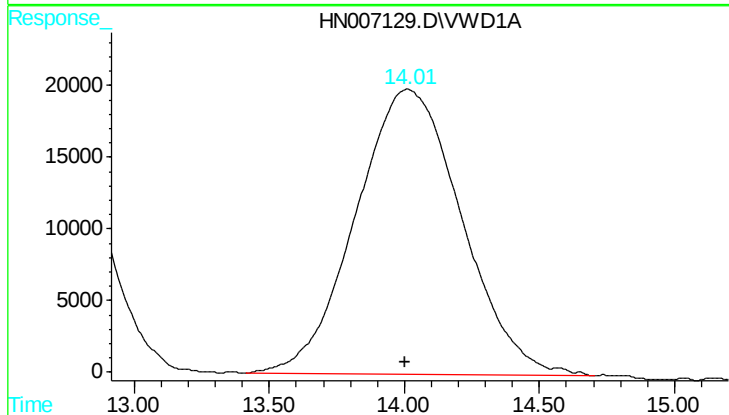
Manual Integrations
APPROVED

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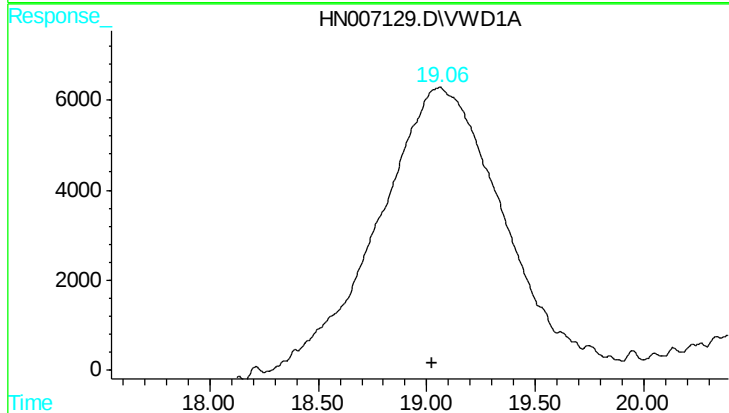
#15 4-Nitrotoluene

R.T.: 12.690 min
Delta R.T.: 0.020 min
Response: 5364379
Conc: 1012.66 ug/L



#16 3-Nitrotoluene

R.T.: 14.013 min
Delta R.T.: 0.012 min
Response: 5438087
Conc: 726.25 ug/L



#17 PETN

R.T.: 19.061 min
Delta R.T.: 0.034 min
Response: 2628112
Conc: 312.79 ug/L m