

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL092916\
 Data File : HL006428.D
 Signal(s) : vwd1A.ch
 Acq On : 29-Sep-2016, 21:10
 Operator : UM/MA
 Sample : H4818-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 LOD-WATER2016-05-QT4

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Integration File: AUTOINT1.E
 Quant Time: Sep 30 08:47:08 2016
 Quant Method : Z:\HPCHEM1\HPLC_L\Methods\HL092816.M
 Quant Title :
 QLast Update : Thu Sep 29 16:24:57 2016
 Response via : Initial Calibration
 Integrator: ChemStation

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	2.178	443568	232.931 ug/L m
Target Compounds			
2) T HMX	1.312	229254	43.300 ug/L m
3) T RDX	2.236	1235994	117.622 ug/L m
4) T 1,3,5-Trinitrobenzene	3.676	665421	46.767 ug/L m
5) T 1,3-Dinitrobenzene	4.877	1062108	47.988 ng/mlm
6) T 3,5-Dinitroaniline	5.600	847425	48.884 ug/L
7) T Nitrobenzene	6.320	647755	50.188 ug/L
8) T Tetryl	8.309	431028	38.284 ug/L
9) T 2,4,6-Trinitrotoluene	8.832	621686	46.790 ug/L
10) T 2-Amino-4,6-dinitroto...	10.053	659973	46.904 ug/L
11) T 4-Amino-2,6-dinitroto...	10.604	470001	50.222 ug/L
12) T 2,4-Dinitrotoluene	11.362	1689643	80.123 ug/L
13) T 2,6-Dinitrotoluene	11.712	1024446	102.756 ug/L
14) T 2-Nitrotoluene	15.918	1309291	52.798 ug/L
15) T 4-Nitrotoluene	17.284	1147926	57.363 ug/L
16) T 3-Nitrotoluene	18.732	1409927	51.172 ug/L
17) T PETN	19.465f	586638	52.101 ug/L

(f)=RT Delta > 1/2 Window

(m)=manual int.

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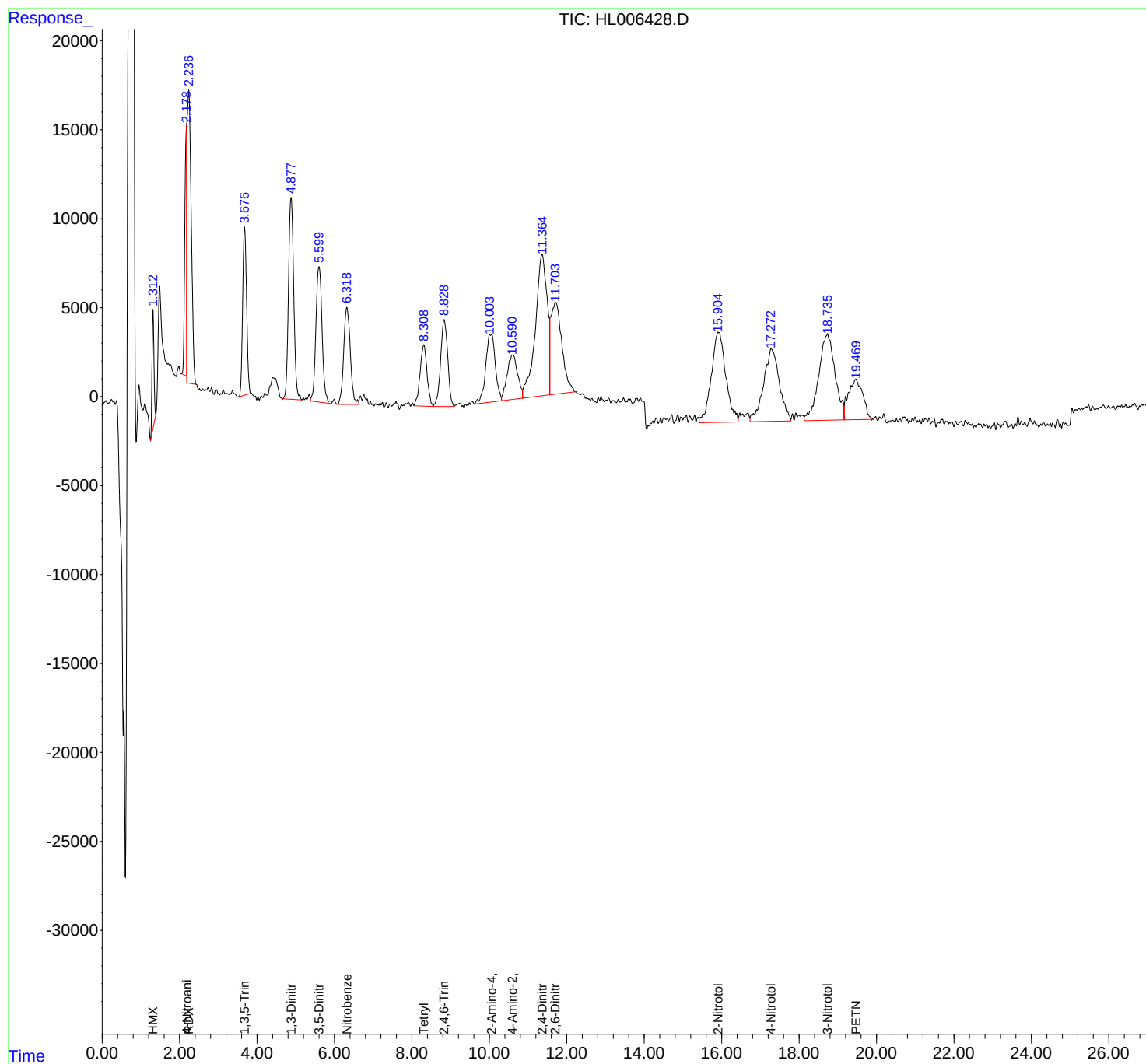
Instrument :
HPLC_L
ClientSampleId :
LOD-WATER2016-05-QT4

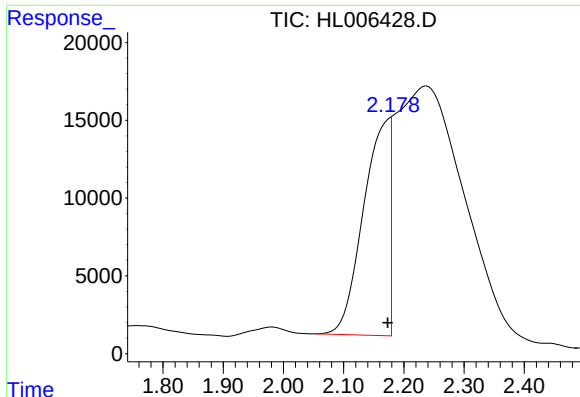
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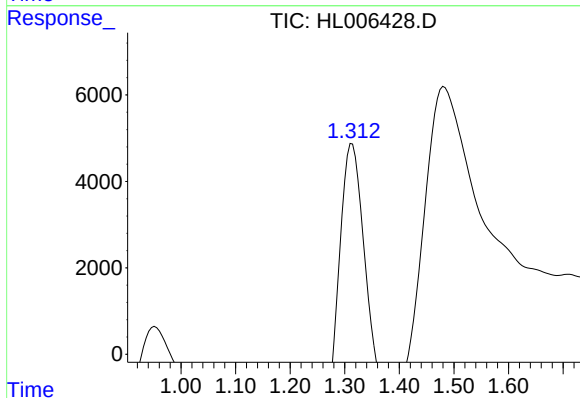
#1 4-Nitroaniline

R.T.: 2.178 min
Delta R.T.: 0.005 min
Response: 443568
Conc: 232.93 ug/L m

Instrument :
HPLC_L
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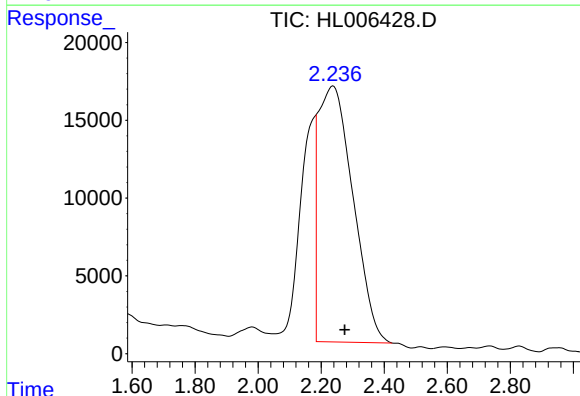
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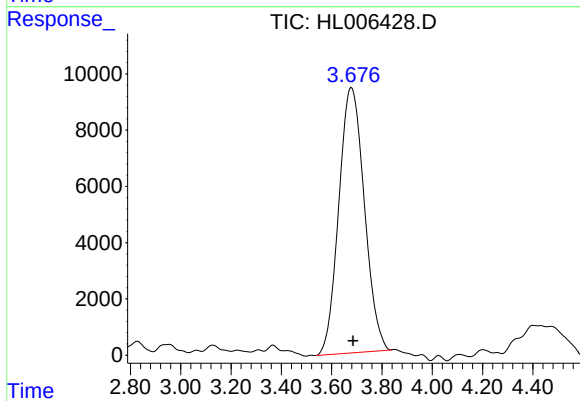
#2 HMX

R.T.: 1.312 min
Delta R.T.: -0.006 min
Response: 229254
Conc: 43.30 ug/L m



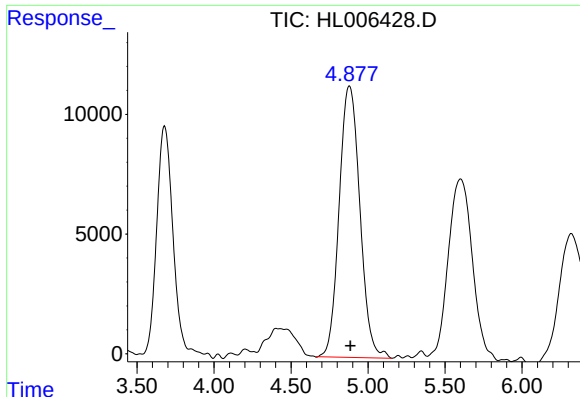
#3 RDX

R.T.: 2.236 min
Delta R.T.: -0.039 min
Response: 1235994
Conc: 117.62 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 3.676 min
Delta R.T.: -0.010 min
Response: 665421
Conc: 46.77 ug/L m



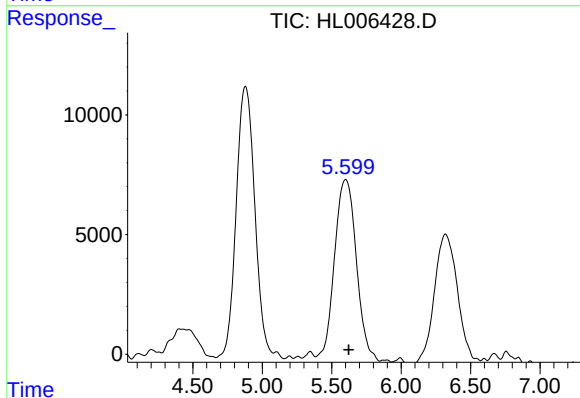
#5 1,3-Dinitrobenzene

R.T.: 4.877 min
Delta R.T.: -0.010 min
Response: 1062108
Conc: 47.99 ng/ml m

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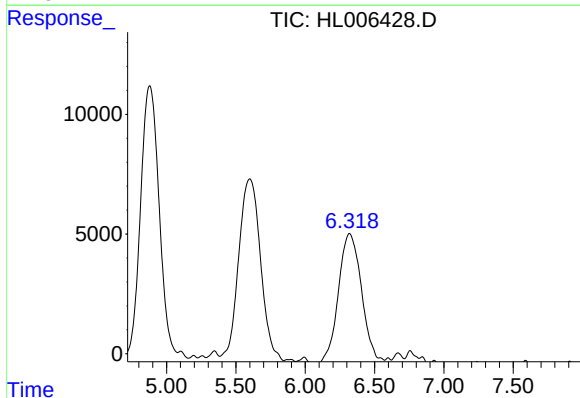
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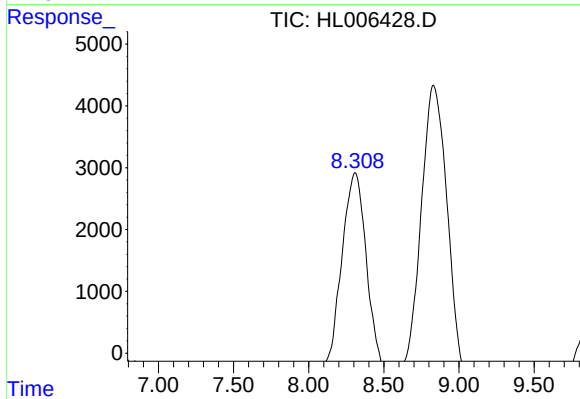
#6 3,5-Dinitroaniline

R.T.: 5.600 min
Delta R.T.: -0.023 min
Response: 847425
Conc: 48.88 ug/L



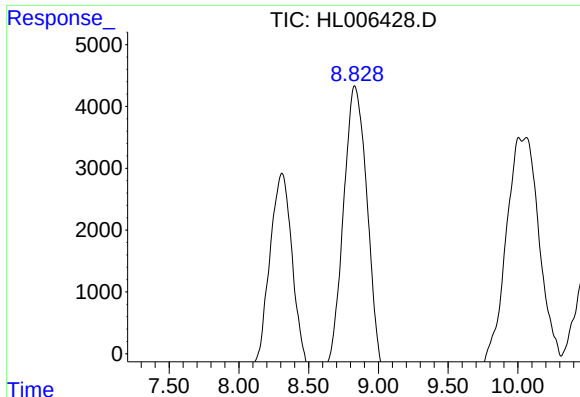
#7 Nitrobenzene

R.T.: 6.320 min
Delta R.T.: -0.015 min
Response: 647755
Conc: 50.19 ug/L



#8 Tetryl

R.T.: 8.309 min
Delta R.T.: -0.019 min
Response: 431028
Conc: 38.28 ug/L



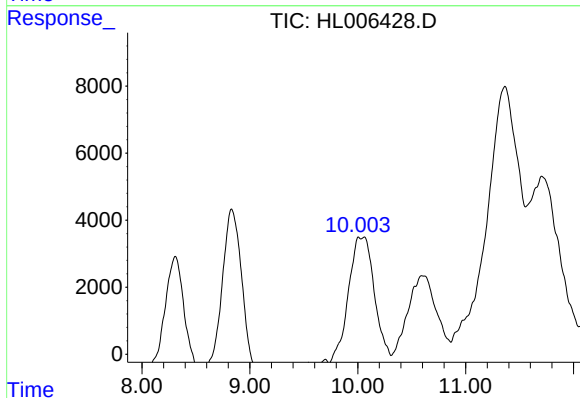
#9 2,4,6-Trinitrotoluene

R.T.: 8.832 min
Delta R.T.: -0.021 min
Response: 621686
Conc: 46.79 ug/L

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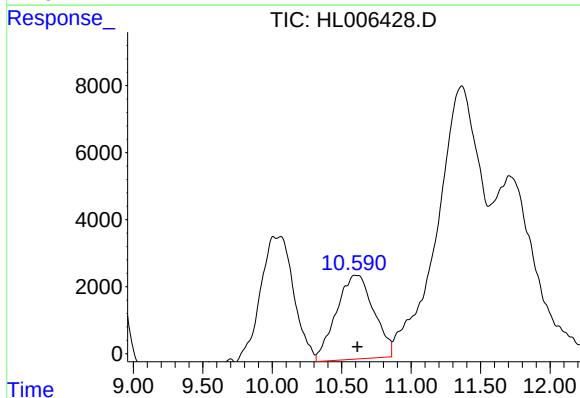
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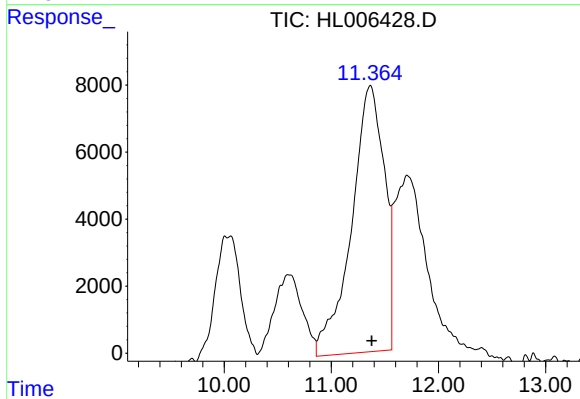
#10 2-Amino-4,6-dinitrotoluene

R.T.: 10.053 min
Delta R.T.: -0.013 min
Response: 659973
Conc: 46.90 ug/L



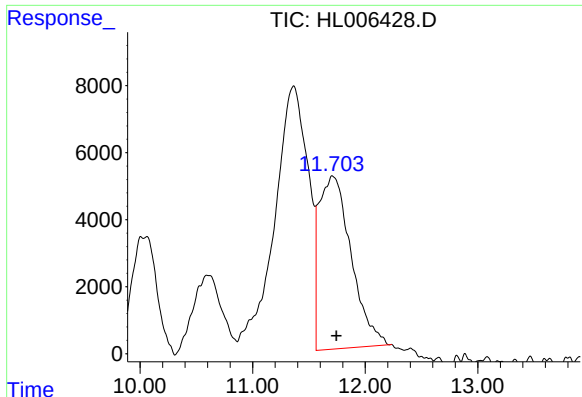
#11 4-Amino-2,6-dinitrotoluene

R.T.: 10.604 min
Delta R.T.: -0.008 min
Response: 470001
Conc: 50.22 ug/L



#12 2,4-Dinitrotoluene

R.T.: 11.362 min
Delta R.T.: -0.015 min
Response: 1689643
Conc: 80.12 ug/L



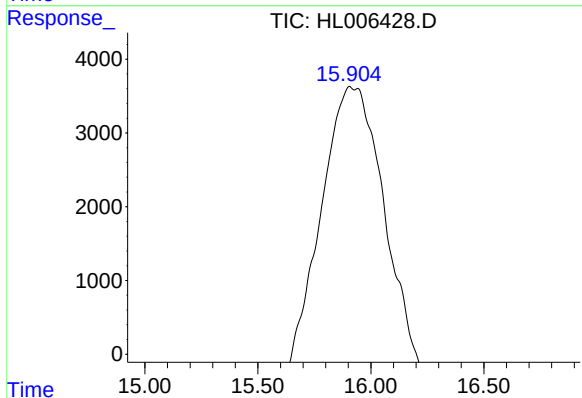
#13 2,6-Dinitrotoluene

R.T.: 11.712 min
Delta R.T.: -0.033 min
Response: 1024446
Conc: 102.76 ug/L

Instrument :
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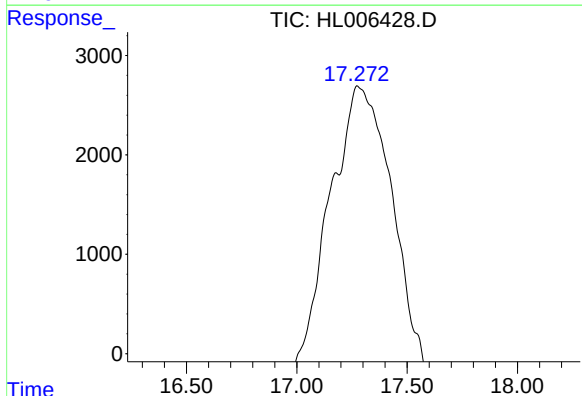
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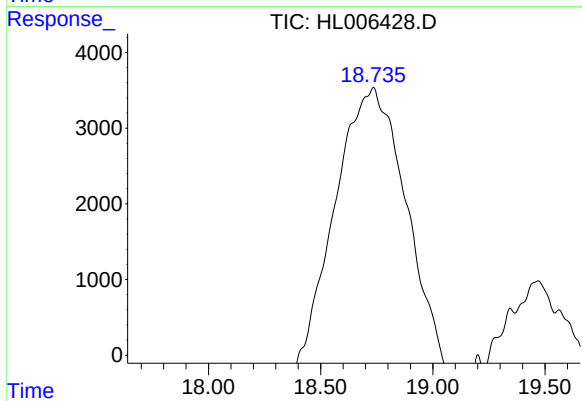
#14 2-Nitrotoluene

R.T.: 15.918 min
Delta R.T.: -0.034 min
Response: 1309291
Conc: 52.80 ug/L



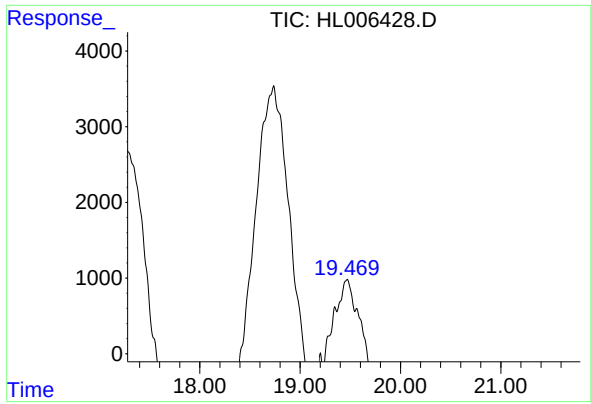
#15 4-Nitrotoluene

R.T.: 17.284 min
Delta R.T.: -0.050 min
Response: 1147926
Conc: 57.36 ug/L



#16 3-Nitrotoluene

R.T.: 18.732 min
Delta R.T.: -0.028 min
Response: 1409927
Conc: 51.17 ug/L



#17 PETN

R.T.: 19.465 min
Delta R.T.: -0.052 min
Response: 586638
Conc: 52.10 ug/L

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