

Data Path : Z:\HPCHEM1\HPLC_N\DATA\HN060514\
 Data File : HN006092.D
 Signal(s) : VWD1A.CH
 Acq On : 05-Jun-2014, 17:28
 Operator : HNP
 Sample : PB76451BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 HPLC_N
 ClientSampleId :
 PB76451BS

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jan 10 01:05:17 2015
 Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN060514.M
 Quant Title :
 QLast Update : Wed Jun 11 17:35:58 2014
 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	1.44	774868	176.222 ug/L m
Target Compounds			
2) T HMX	0.95	600817	152.294 ug/L
3) T RDX	1.85	808523	127.902 ug/L m
4) T 1,3,5-Trinitrobenzene	2.94	1287465	89.267 ug/L
5) T 1,3-Dinitrobenzene	3.90	2221965	110.187 ng/ml
6) T 3,5-Dinitroaniline	4.33	1827061	118.171 ug/L
7) T Nitrobenzene	5.23	1328010	107.998 ug/L m
9) T 2,4,6-Trinitrotoluene	7.42	1528504	123.425 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	8.00	1358220	121.501 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	8.48	916679	56.587 ug/L m
12) T 2,4-Dinitrotoluene	9.26	1963520	108.530 ug/L m
13) T 2,6-Dinitrotoluene	9.76	1169545	122.379 ug/L m
14) T 2-Nitrotoluene	13.36	1012216	179.739 ug/L m
15) T 4-Nitrotoluene	14.22	548930	120.142 ug/L m
16) T 3-Nitrotoluene	15.68	943418	157.832 ug/L m
17) T PETN	21.85	1167676	163.878 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

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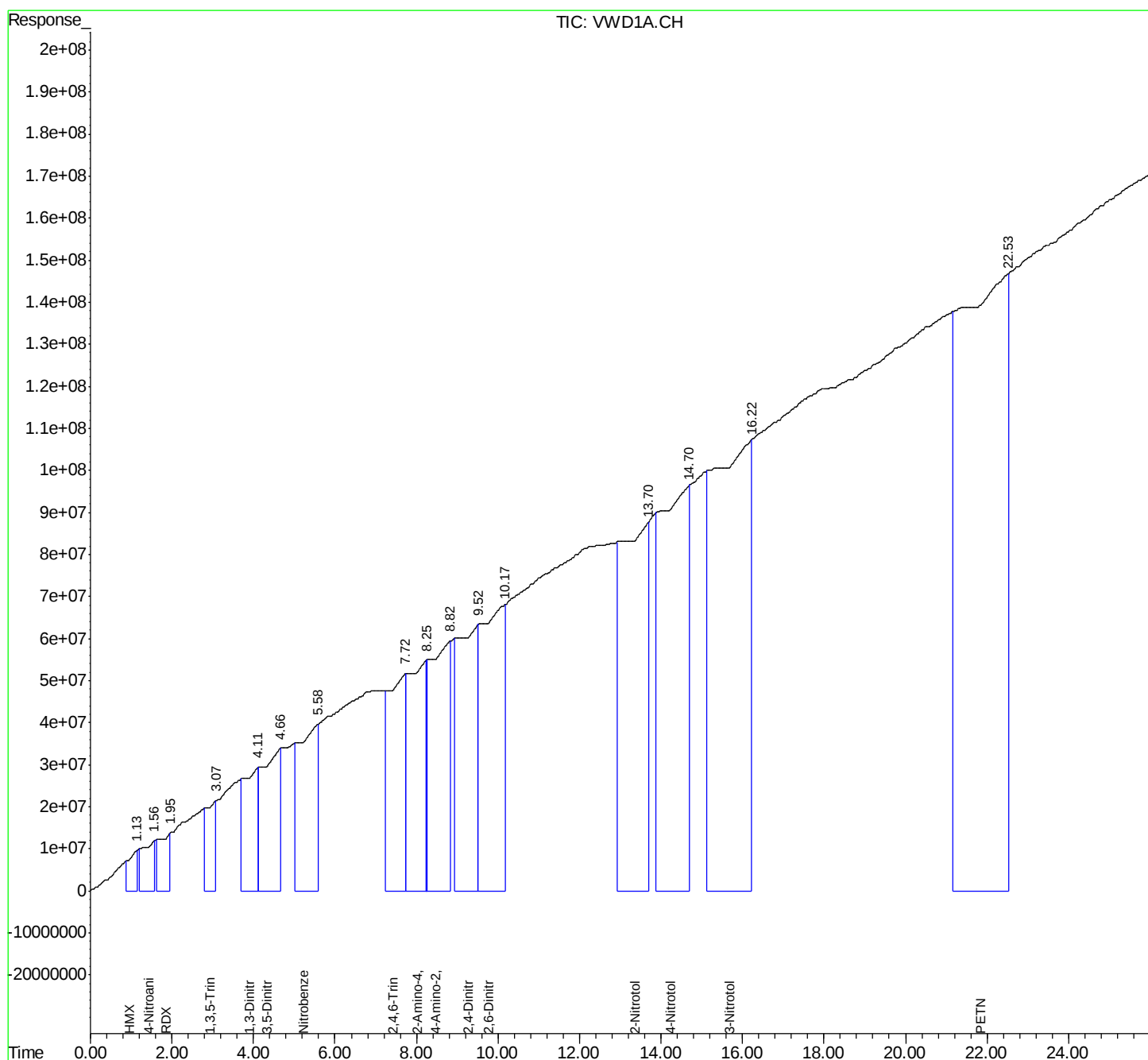
Instrument :
HPLC_N
ClientSampled :
PB76451BS

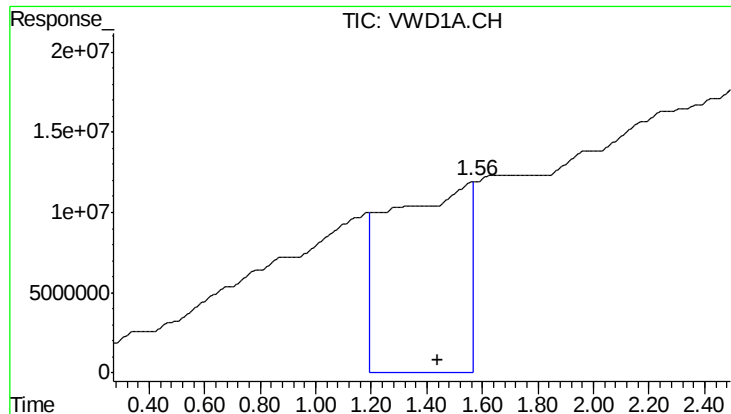
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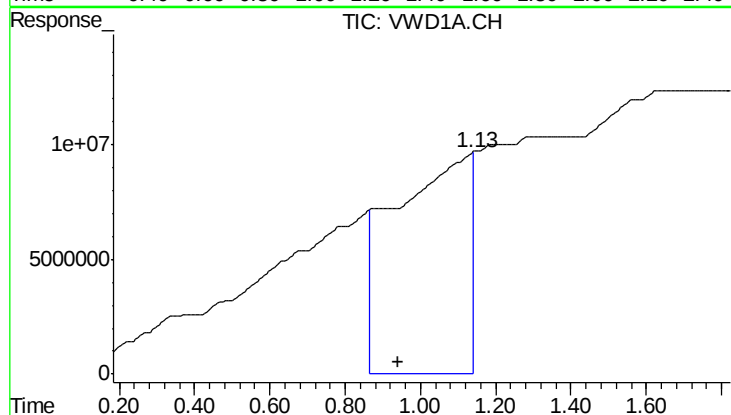
#1 4-Nitroaniline

R.T.: 1.440 min
Delta R.T.: 0.000 min
Response: 774868
Conc: 176.22 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB76451BS

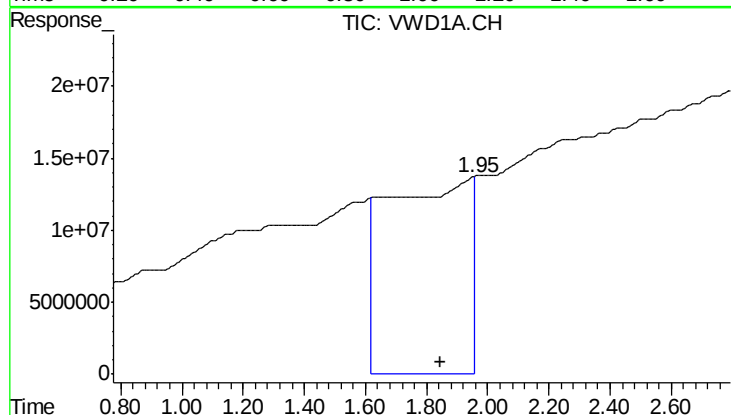
Manual Integrations
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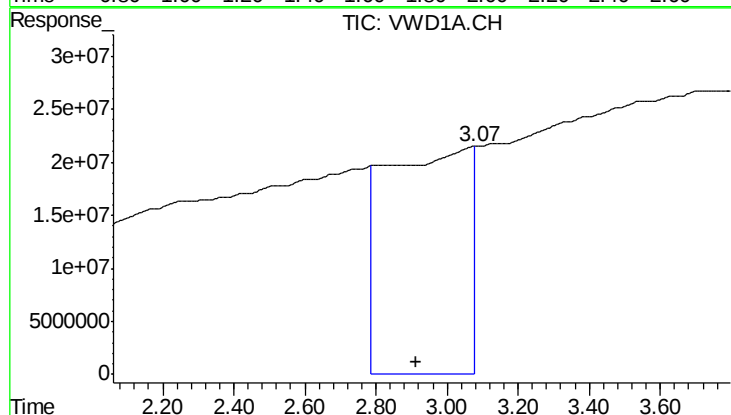
#2 HMX

R.T.: 0.949 min
Delta R.T.: 0.007 min
Response: 600817
Conc: 152.29 ug/L



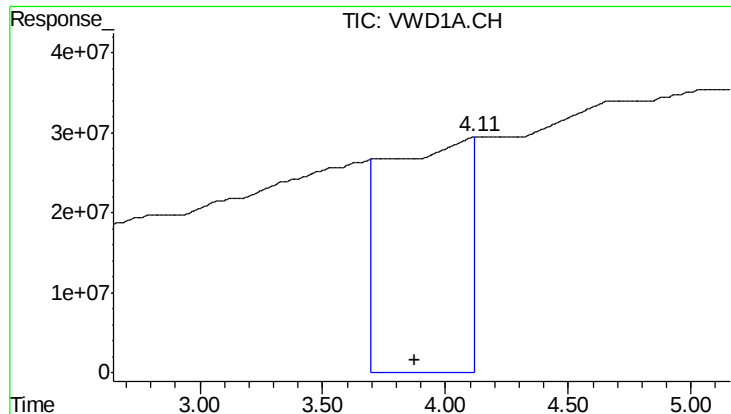
#3 RDX

R.T.: 1.848 min
Delta R.T.: 0.004 min
Response: 808523
Conc: 127.90 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.936 min
Delta R.T.: 0.022 min
Response: 1287465
Conc: 89.27 ug/L



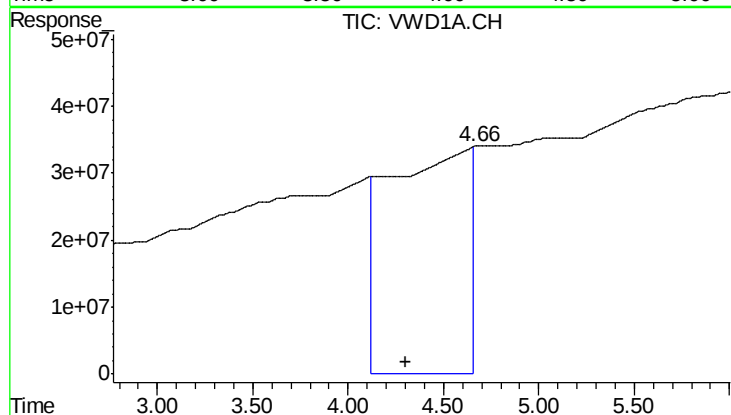
#5 1,3-Dinitrobenzene

R.T.: 3.905 min
 Delta R.T.: 0.027 min
 Response: 2221965
 Conc: 110.19 ng/ml

Instrument :
 HPLC_N
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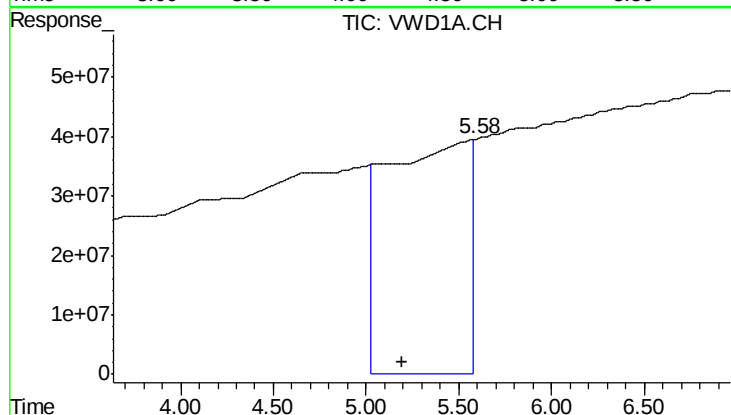
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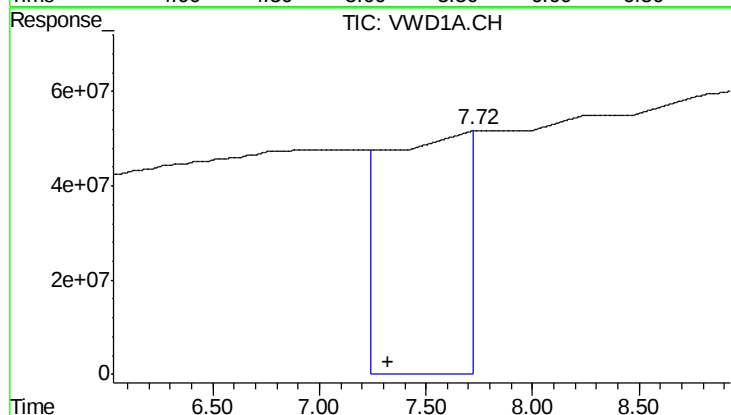
#6 3,5-Dinitroaniline

R.T.: 4.329 min
 Delta R.T.: 0.024 min
 Response: 1827061
 Conc: 118.17 ug/L



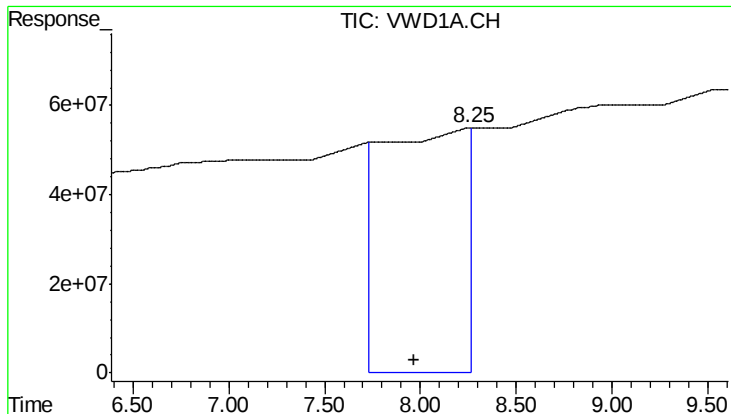
#7 Nitrobenzene

R.T.: 5.231 min
 Delta R.T.: 0.037 min
 Response: 1328010
 Conc: 108.00 ug/L m



#9 2,4,6-Trinitrotoluene

R.T.: 7.423 min
 Delta R.T.: 0.100 min
 Response: 1528504
 Conc: 123.42 ug/L m



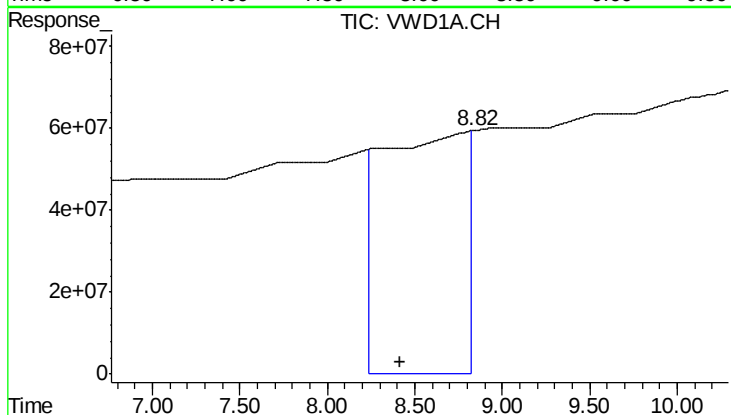
#10 2-Amino-4,6-dinitrotoluene

R.T.: 8.004 min
Delta R.T.: 0.037 min
Response: 1358220
Conc: 121.50 ug/L m

Instrument :
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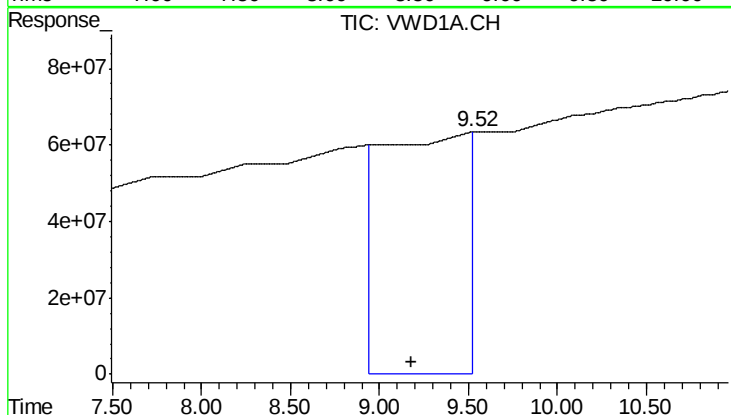
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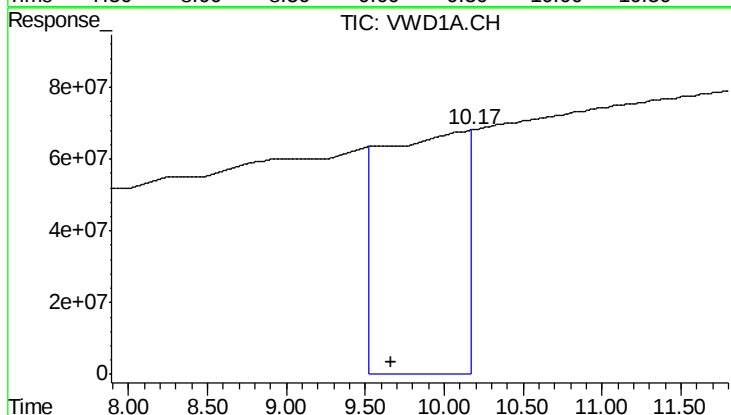
#11 4-Amino-2,6-dinitrotoluene

R.T.: 8.476 min
Delta R.T.: 0.063 min
Response: 916679
Conc: 56.59 ug/L m



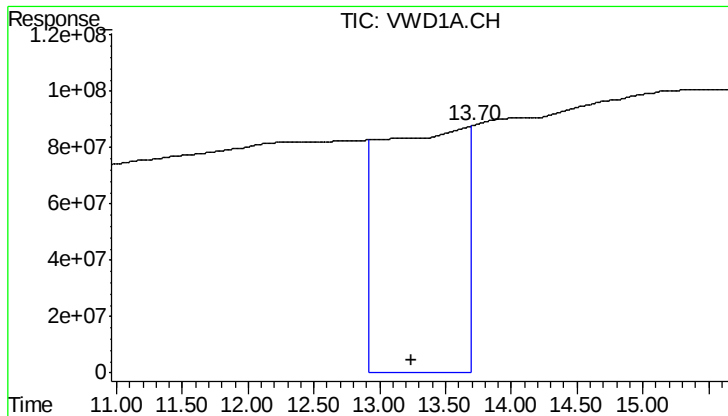
#12 2,4-Dinitrotoluene

R.T.: 9.265 min
Delta R.T.: 0.084 min
Response: 1963520
Conc: 108.53 ug/L m



#13 2,6-Dinitrotoluene

R.T.: 9.759 min
Delta R.T.: 0.093 min
Response: 1169545
Conc: 122.38 ug/L m



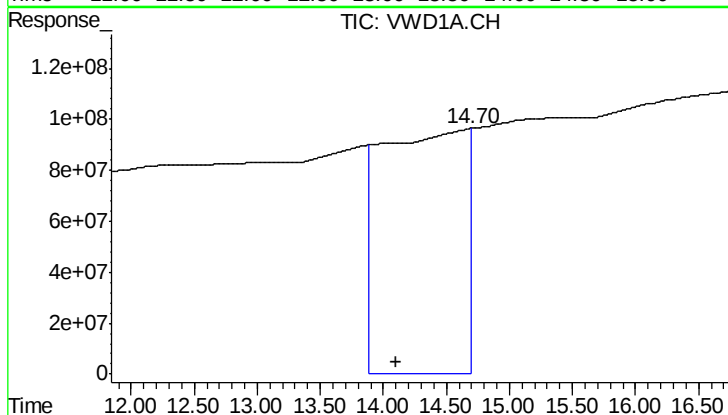
#14 2-Nitrotoluene

R.T.: 13.357 min
Delta R.T.: 0.115 min
Response: 1012216
Conc: 179.74 ug/L m

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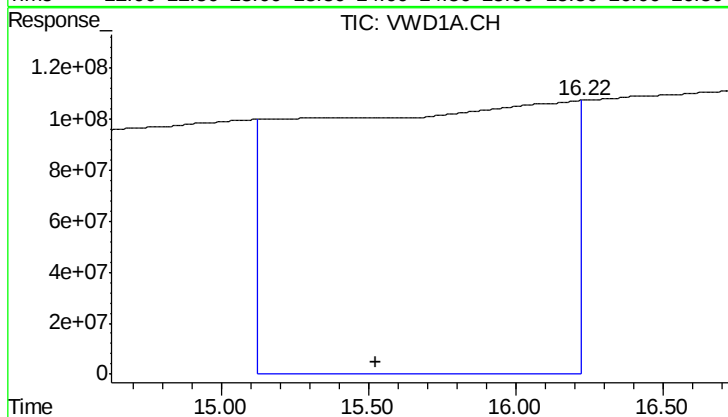
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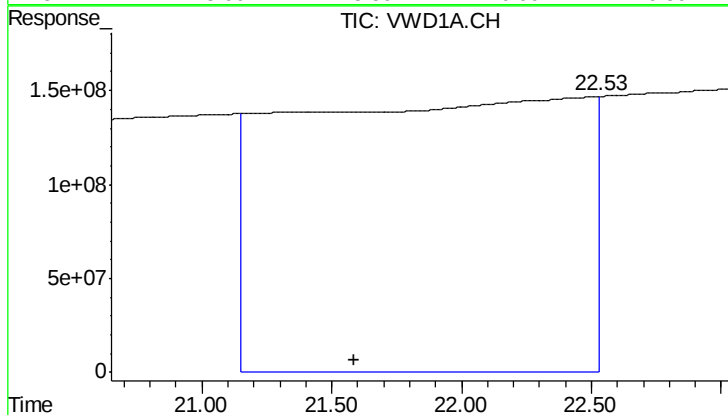
#15 4-Nitrotoluene

R.T.: 14.215 min
Delta R.T.: 0.115 min
Response: 548930
Conc: 120.14 ug/L m



#16 3-Nitrotoluene

R.T.: 15.676 min
Delta R.T.: 0.149 min
Response: 943418
Conc: 157.83 ug/L m



#17 PETN

R.T.: 21.846 min
Delta R.T.: 0.262 min
Response: 1167676
Conc: 163.88 ug/L m