

Data Path : Z:\HPCHEM1\HPLC_N\DATA\HN060514\
 Data File : HN006093.D
 Signal(s) : VWD1A.CH
 Acq On : 05-Jun-2014, 17:56
 Operator : HNP
 Sample : F2190-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 HPLC_N
 ClientSampleId :
 PT-EXP-SOIL

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jan 10 01:05:21 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	509044	108.354 ug/L m
Target Compounds			
2) T HMX	0.95	3171290	803.852 ug/L
3) T RDX	1.85	1448262	261.762 ug/L
4) T 1,3,5-Trinitrobenzene	2.94	2379755	207.343 ug/L
5) T 1,3-Dinitrobenzene	3.91	11344443	748.621 ng/ml
6) T 3,5-Dinitroaniline	4.33	1486532	83.684 ug/L m
7) T Nitrobenzene	5.24	3037646	304.747 ug/L
9) T 2,4,6-Trinitrotoluene	7.43	2611424	229.125 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	8.03	6642735	643.870 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	8.50	1590241	180.020 ug/L m
12) T 2,4-Dinitrotoluene	9.28	2627868	157.973 ug/L m
13) T 2,6-Dinitrotoluene	9.77	6482467	824.414 ug/L m
14) T 2-Nitrotoluene	13.38	1916441	340.302 ug/L m
15) T 4-Nitrotoluene	14.26	3396918	743.470 ug/L m
16) T 3-Nitrotoluene	15.71	5529205	925.023 ug/L m
17) T PETN	21.88	1371306	192.456 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

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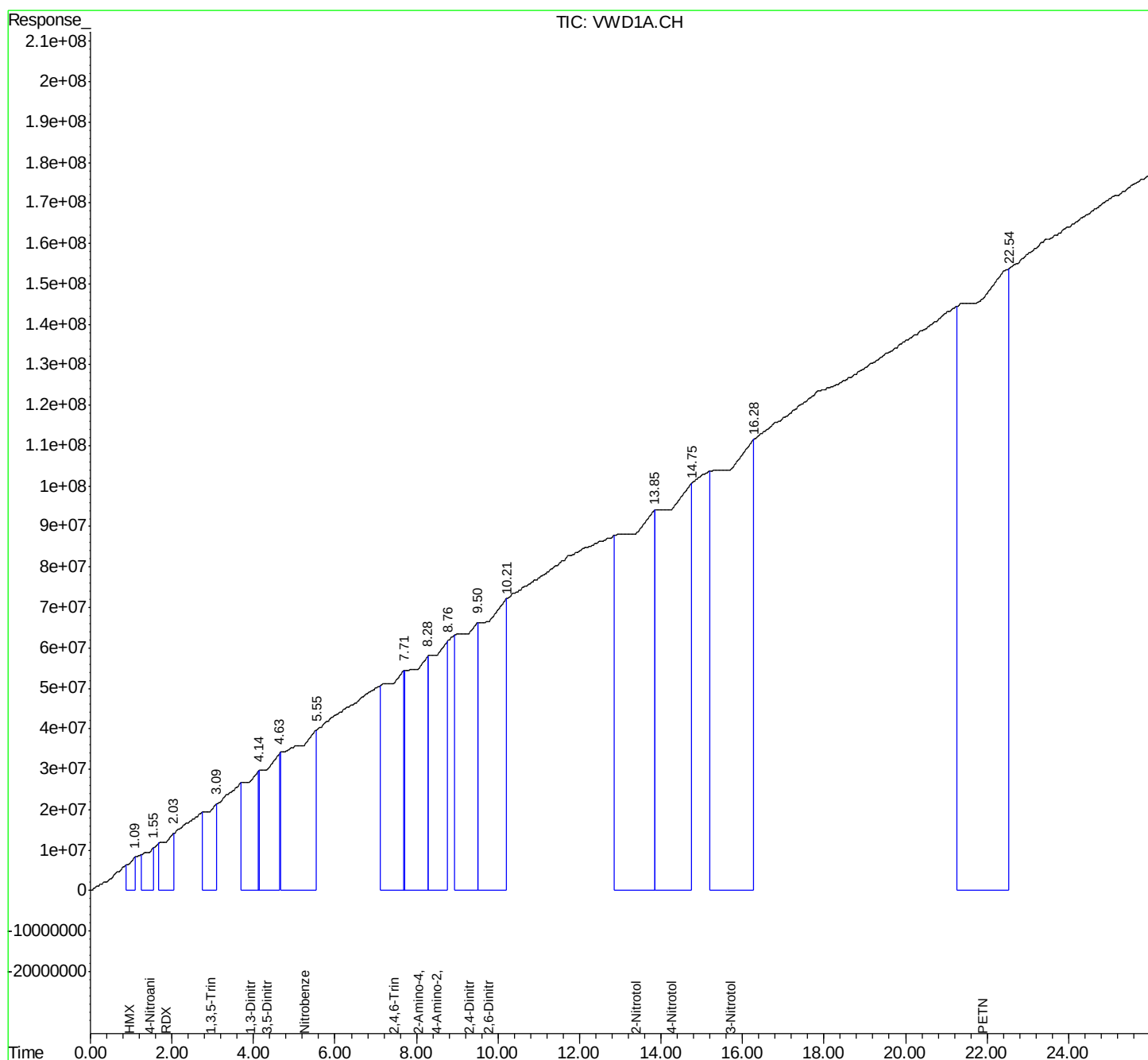
Instrument :
HPLC_N
ClientSampled :
PT-EXP-SOIL

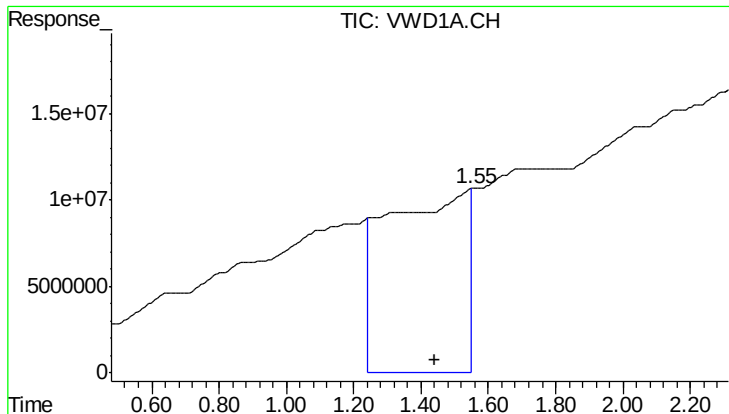
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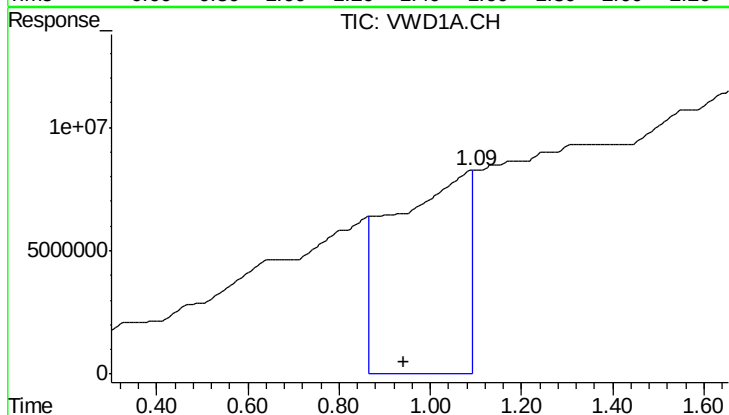
#1 4-Nitroaniline

R.T.: 1.445 min
Delta R.T.: 0.005 min
Response: 509044
Conc: 108.35 ug/L

Instrument :
HPLC_N
ClientSampleId :
PT-EXP-SOIL

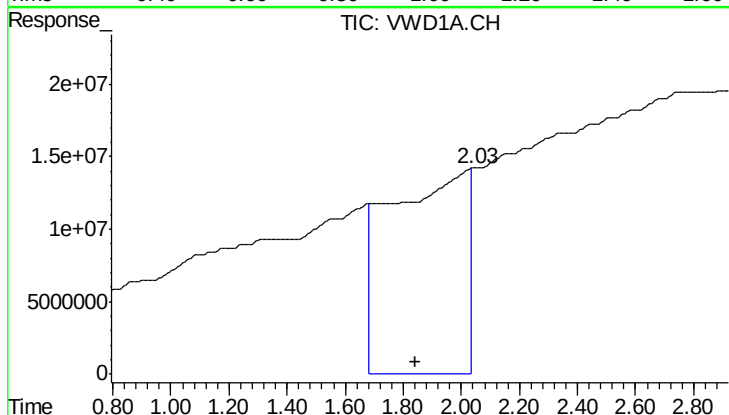
Manual Integrations
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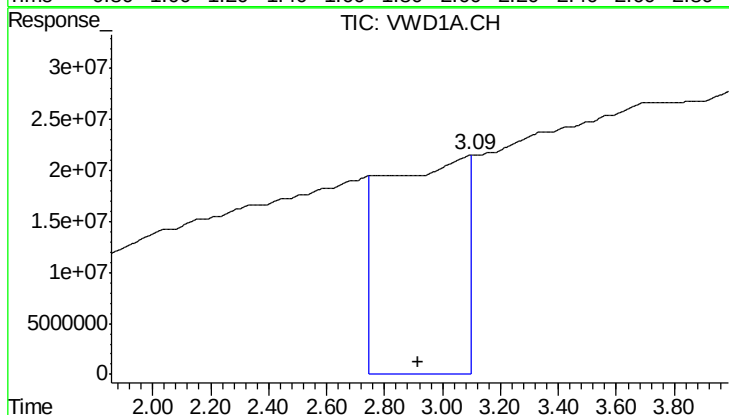
#2 HMX

R.T.: 0.951 min
Delta R.T.: 0.009 min
Response: 3171290
Conc: 803.85 ug/L



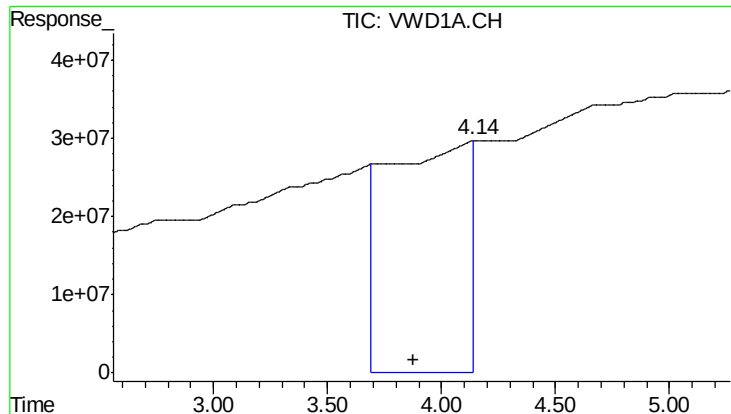
#3 RDX

R.T.: 1.854 min
Delta R.T.: 0.010 min
Response: 1448262
Conc: 261.76 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.940 min
Delta R.T.: 0.026 min
Response: 2379755
Conc: 207.34 ug/L



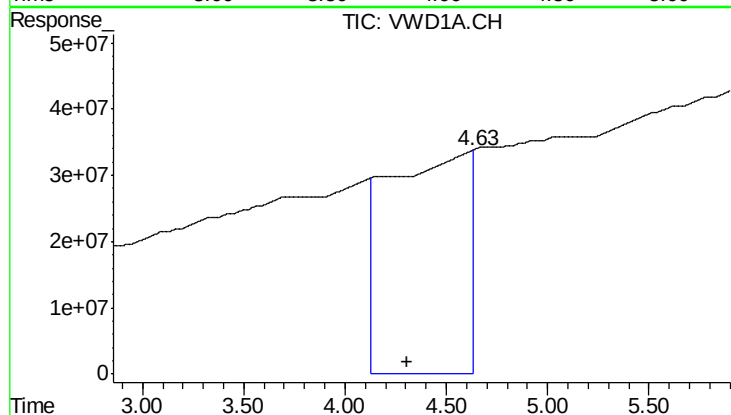
#5 1,3-Dinitrobenzene

R.T.: 3.909 min
Delta R.T.: 0.031 min
Response: 11344443
Conc: 748.62 ng/ml

Instrument :
HPLC_N
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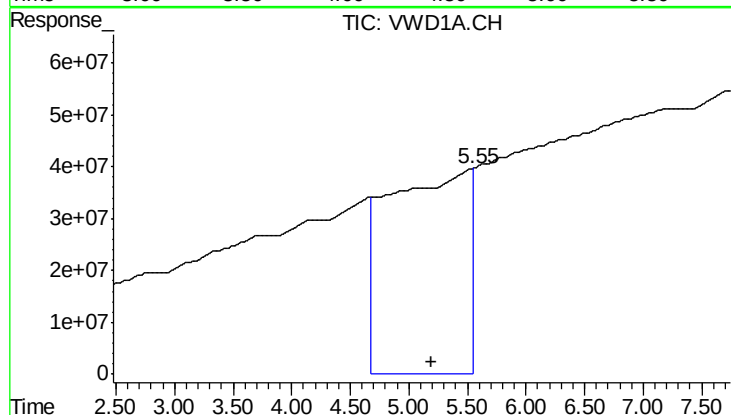
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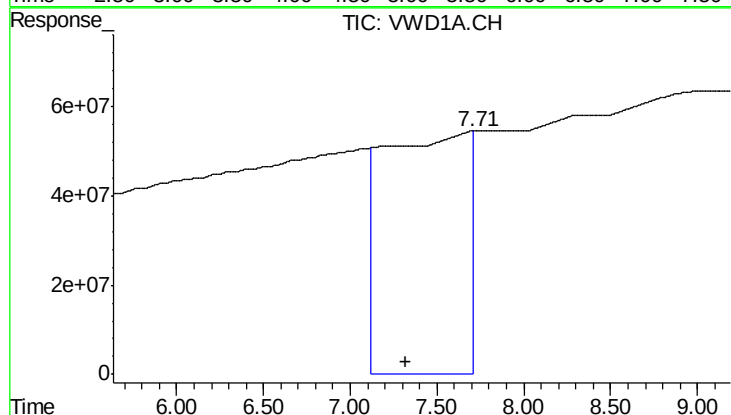
#6 3,5-Dinitroaniline

R.T.: 4.331 min
Delta R.T.: 0.026 min
Response: 1486532
Conc: 83.68 ug/L m



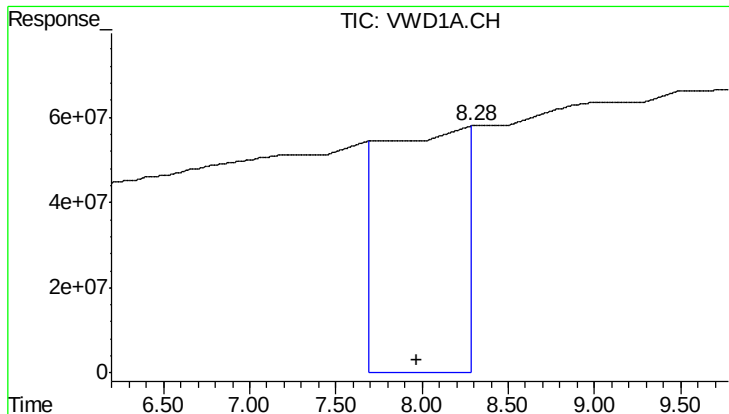
#7 Nitrobenzene

R.T.: 5.242 min
Delta R.T.: 0.048 min
Response: 3037646
Conc: 304.75 ug/L



#9 2,4,6-Trinitrotoluene

R.T.: 7.433 min
Delta R.T.: 0.110 min
Response: 2611424
Conc: 229.12 ug/L m



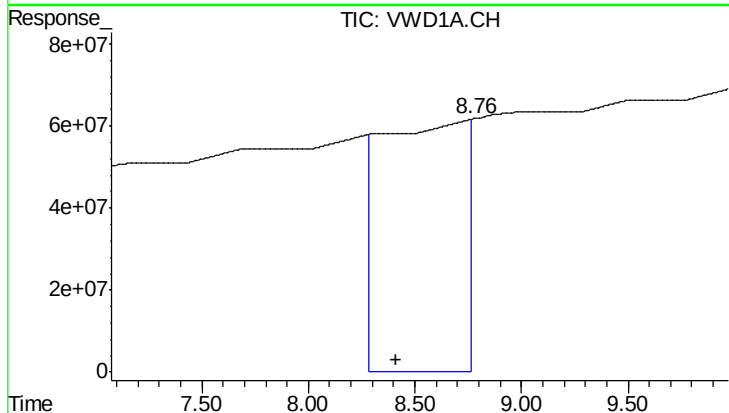
#10 2-Amino-4,6-dinitrotoluene

R.T.: 8.027 min
Delta R.T.: 0.060 min
Response: 6642735
Conc: 643.87 ug/L m

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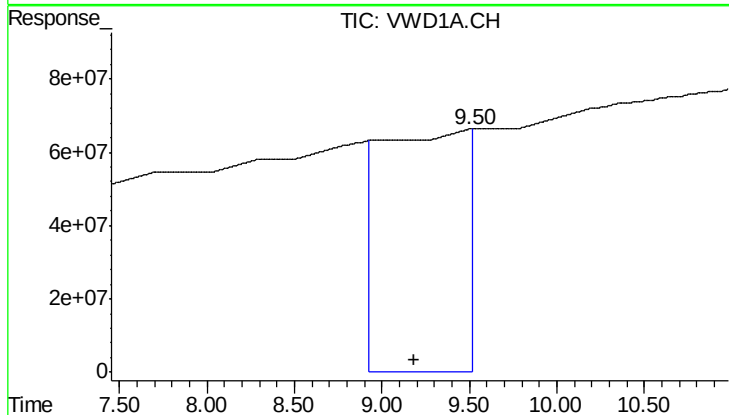
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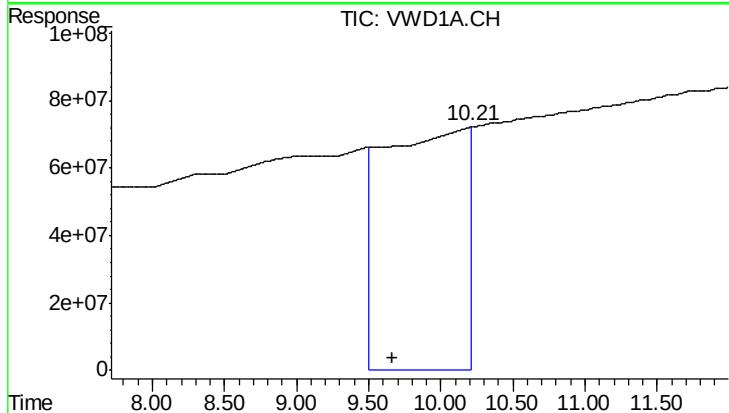
#11 4-Amino-2,6-dinitrotoluene

R.T.: 8.497 min
Delta R.T.: 0.084 min
Response: 1590241
Conc: 180.02 ug/L m



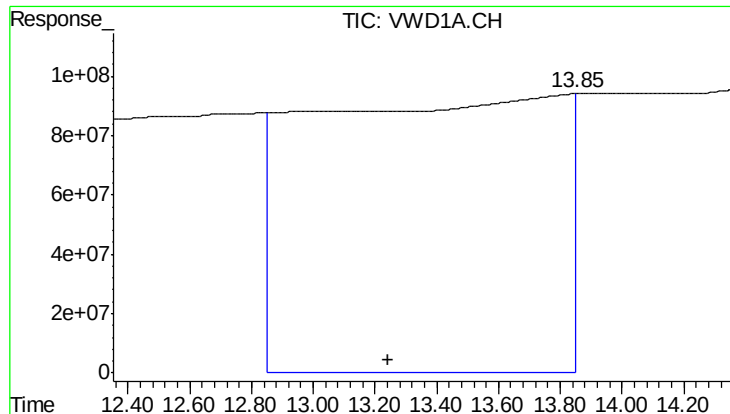
#12 2,4-Dinitrotoluene

R.T.: 9.280 min
Delta R.T.: 0.099 min
Response: 2627868
Conc: 157.97 ug/L m



#13 2,6-Dinitrotoluene

R.T.: 9.771 min
Delta R.T.: 0.105 min
Response: 6482467
Conc: 824.41 ug/L m



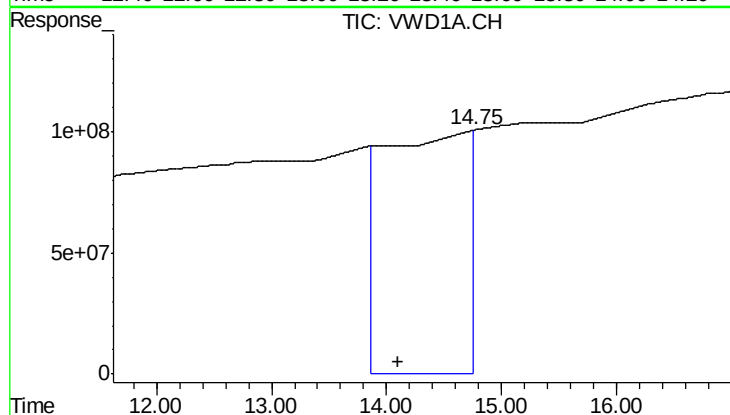
#14 2-Nitrotoluene

R.T.: 13.377 min
Delta R.T.: 0.136 min
Response: 1916441
Conc: 340.30 ug/L m

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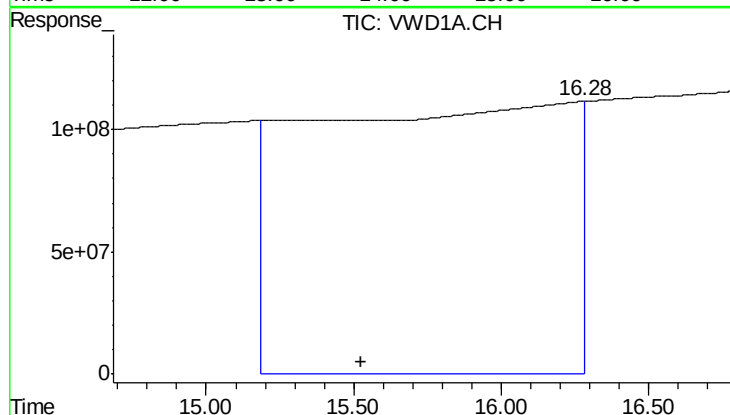
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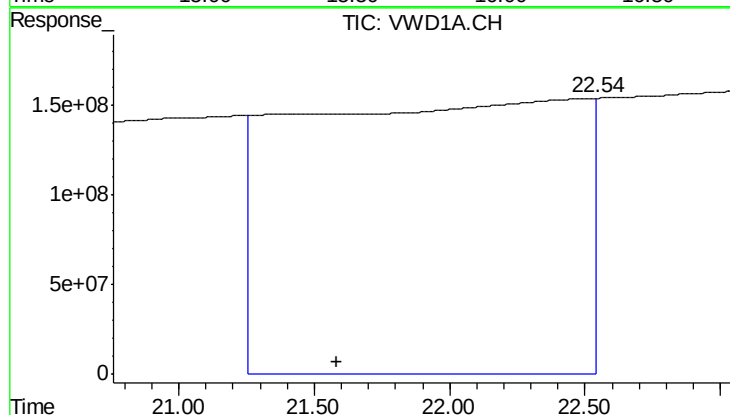
#15 4-Nitrotoluene

R.T.: 14.264 min
Delta R.T.: 0.163 min
Response: 3396918
Conc: 743.47 ug/L m



#16 3-Nitrotoluene

R.T.: 15.705 min
Delta R.T.: 0.178 min
Response: 5529205
Conc: 925.02 ug/L m



#17 PETN

R.T.: 21.883 min
Delta R.T.: 0.299 min
Response: 1371306
Conc: 192.46 ug/L m