



# Base neutrals

## Application Note

Environmental

### Authors

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### Introduction

Agilent VF-1701ms columns separate 14 base neutrals in 37 minutes.



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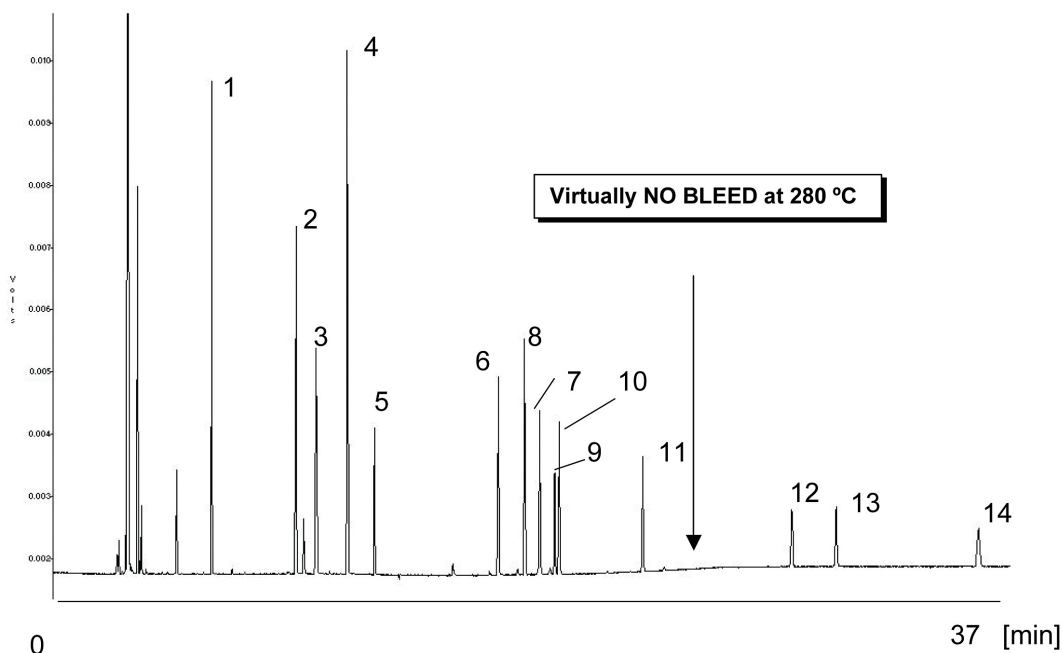
## Conditions

Technique : GC-capillary  
Column : Agilent FactorFourVF-1701ms, 0.25 mm x 30 m fused silica (df= 0.25  $\mu$ m) (Part no. CP9151)  
Temperature : 45 °C (3 min)  $\rightarrow$  280 °C, 10 °C/min  
Carrier Gas : Helium, 60 kPa, 1 mL/min  
Injector : Split, 1:100, 1.0  $\mu$ L  
Detector : FID  
Sample Size : 100  $\mu$ g/mL in methylene chloride

Courtesy : Jan Peene, Agilent application laboratory,  
Middelburg, The Netherlands

## Peak identification

1. n-nitrosodimethylamine
2. bis-(2-chloroethyl)ether
3. bis-(2-chloroisopropyl)ether
4. n-nitrosodi-n-propylamine
5. bis-(2-chloroethoxy)methane
6. dimethyl phthalate
7. diethyl phthalate
8. 4-chlorophenyl phenyl ether
9. n-nitrosodiphenylamine
10. 4-bromophenyl phenyl ether
11. di-n-butyl phthalate
12. di-butyl benzyl phthalate
13. bis-(2-ethylhexyl)phthalate
14. di-n-octyl phthalate



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This information is subject to change without notice.

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