



Base neutrals

Application Note

Environmental

Authors

Agilent Technologies, Inc.

Introduction

The Agilent VF-17ms GC column separates 14 base neutrals in 28 minutes.



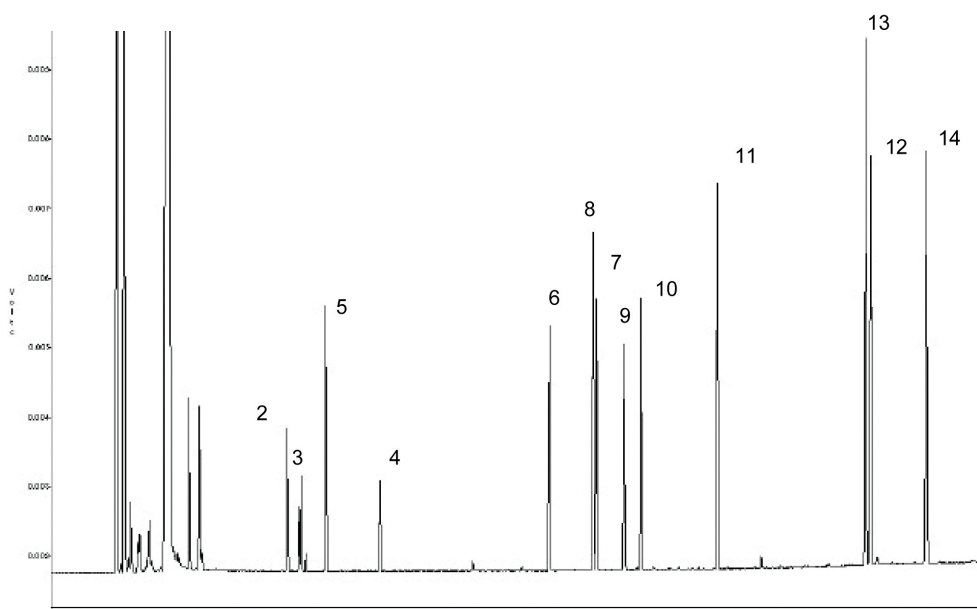
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Conditions

Technique : GC
Column : Agilent VF-17ms, 0.25 mm x 30 m fused silica
(df = 0.25 µm) (Part No. CP8982)
Temperature : 50 °C + 10 °C/min → 300 °C
Carrier Gas : Helium, 70 kPa
Injector : Splitter, 1:100
Detector : FID
Sample Size : 1 µL
Concentration range : 200 µg/mL

Peak identification

1. unknown
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. dibutyl benzyl phthalate
13. bis-(2-ethylhexyl)phthalate
14. di-n-octyl phthalate



28 minutes

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This information is subject to change without notice.

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