



Analysis of solvents

Application Note

Environmental

Authors

Agilent Technologies, Inc.

Introduction

The Agilent FactorFour VF-23ms GC phase is very stable and efficient at lower temperatures, showing high selectivity and inertness for solvent analysis.



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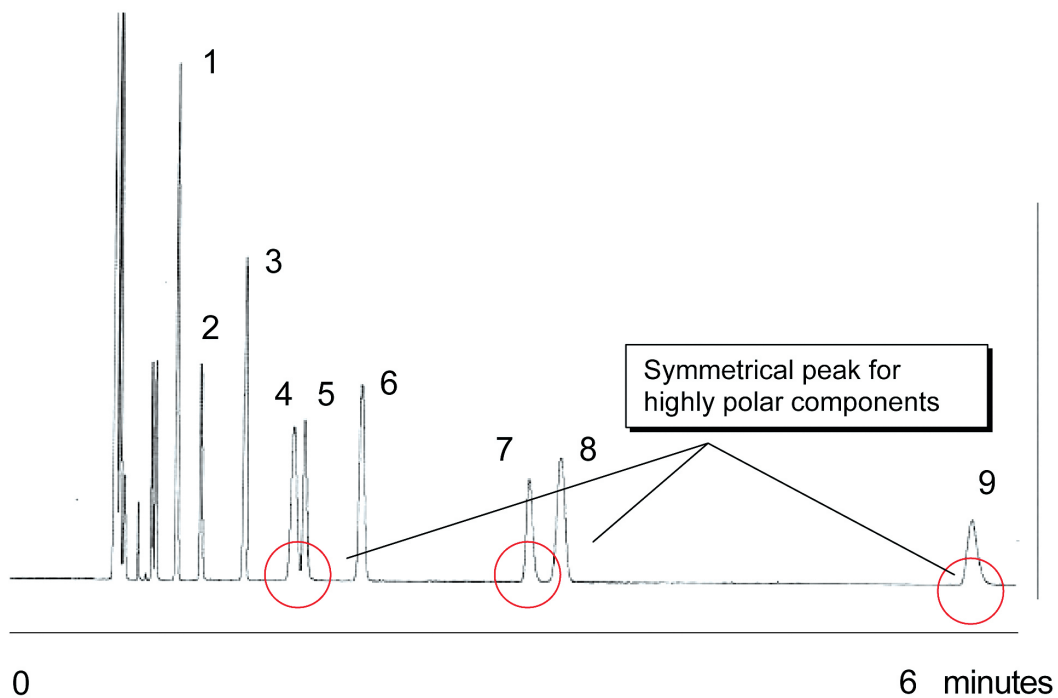
Conditions

Technique : GC
Column : Agilent VF-23ms, 0.25 mm x 60 m fused silica
(df = 0.25 μ m) (Part no. CP8824)
Temperature : 50 °C
Carrier Gas : Hydrogen, 140 kPa
Injector : Split, 1:100
T = 275 °C
Detector : FID
Sample Size : 1 μ L
Concentration Range : ca. 5 ng per component on the column
Solvent Sample : 0.2% in Hexane

Courtesy : J. Peene, Agilent R&D laboratories, Middelburg,
The Netherlands

Peak identification

1. benzene
2. n-propanol
3. toluene
4. undecane
5. 1-butanol
6. ethylbenzene
7. 1-pentanol
8. propylbenzene
9. 1-hexanol



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This information is subject to change without notice.

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