

Silanes

Application Note

Materials Testing & Research

Authors

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Introduction

GC analysis of seven silanes using an Agilent FactorFour VF-200ms column is done in less than four minutes.



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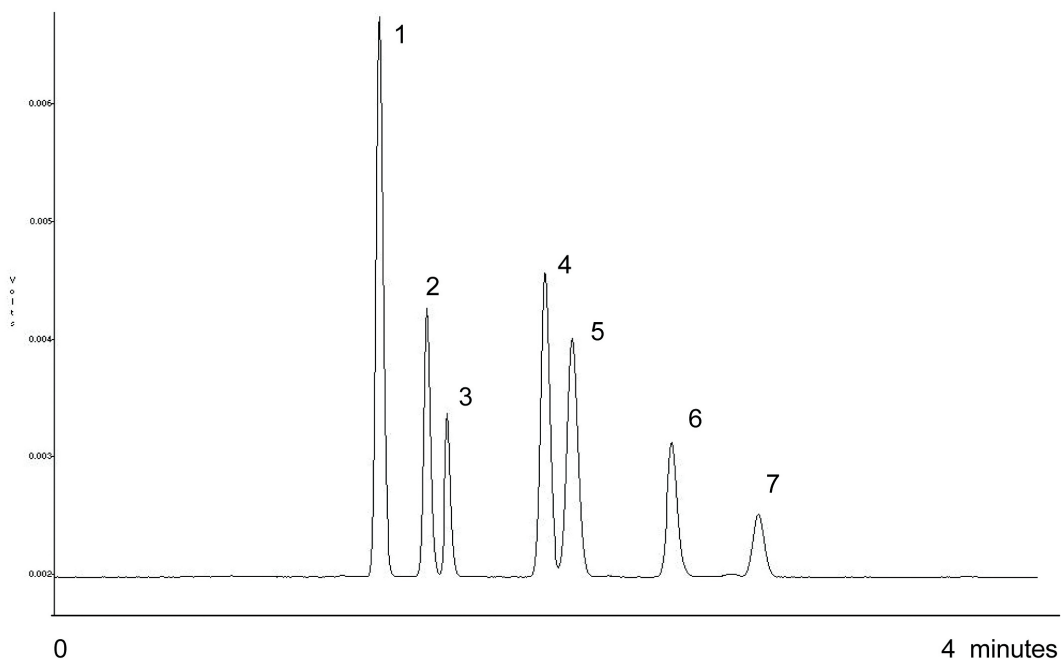
Conditions

Technique : GC
Column : Agilent FactorFour VF-200ms, 0.25 mm x 30 m
(df = 0.25 μ m) (Part no. CP8858)
Temperature : 45 °C, 10 °C/min \rightarrow 325 °C
Carrier Gas : Helium, ca. 1.0 mL/min
Pressure program : 60 kPa
Injector : Split/Splitless, in split mode, 1:100
Detector : FID
Sample Size : 1 μ L

Courtesy : Jane Peene, Agilent Application laboratory,
Middelburg, The Netherlands

Peak identification

1. vinyl-trimethyl silane
2. dichloromethyl silane
3. dichloromethane
4. trimethylchloro silane
5. pentamethyl disiloxane
6. trichloromethyl silane
7. dichlorodimethyl silane



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This information is subject to change without notice.

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