



Nitro compounds

Application Note

Environmental

Authors

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Introduction

Agilent VF-1701ms columns separate eight nitro compounds in 22 minutes.



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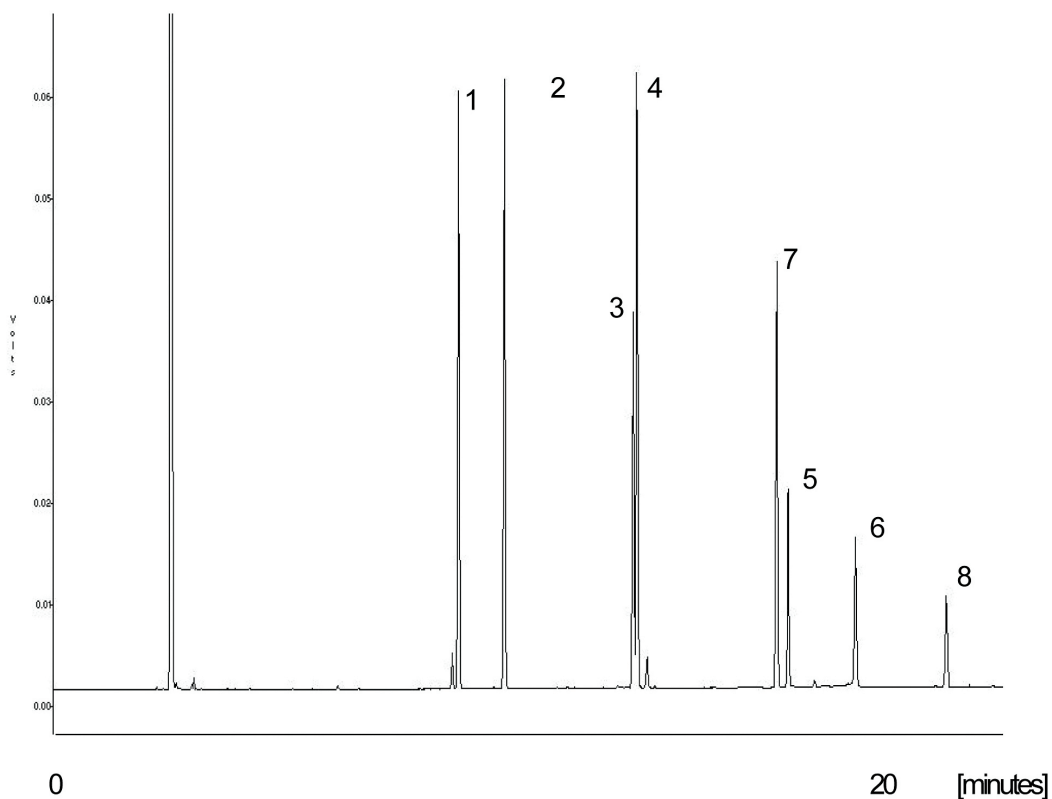
Conditions

Technique : GC-capillary
Column : Agilent FactorFourVF-1701ms, 0.25 mm x 30 m fused silica (df= 0.25 μ 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 μ L
Detector : FID
Sample Size : 2000 μ g/mL in methanol

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

Peak identification

1. aniline
2. benzyl alcohol
3. 4-chloroaniline
4. 2-methylnaphthalene
5. 2-nitroaniline
6. 3-nitroaniline
7. dibenzofuran
8. 4-nitroaniline



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This information is subject to change without notice.

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