



# Xylenes

## Application Note

Environmental

### Authors

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### Introduction

The Agilent VF-200ms type column provides unique separation of VOCs listed in US EPA Methods 524 and 8260, and is the best column to separate xylene isomers. It can be used to temperatures as high as 350 °C.



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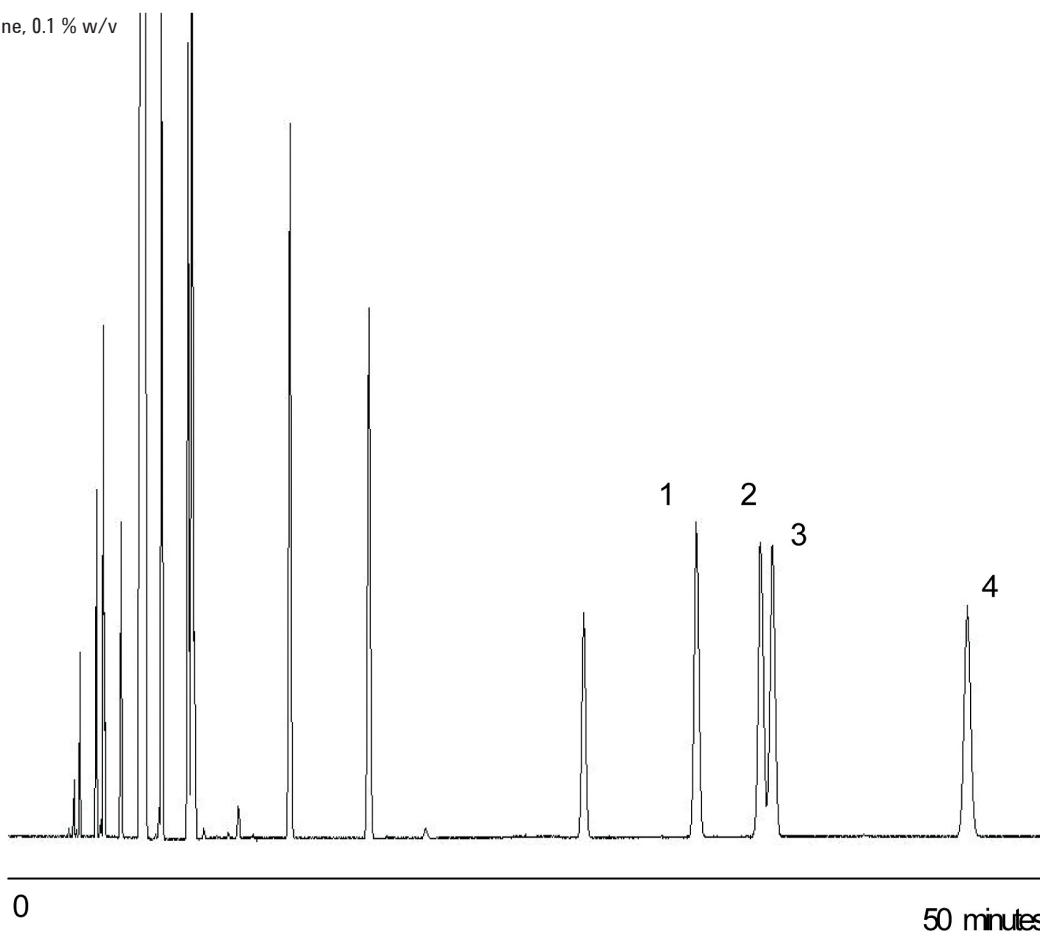
## Conditions

Technique : GC-capillary  
Column : Agilent FactorFour VF-200ms, 0.25 mm x 30 m  
(df = 1.0  $\mu$ m) (Part No. CP8860)  
Temperature : 40  $^{\circ}$ C  
Carrier Gas : Hydrogen, ca 1.0 mL/min  
Pressure program : 60 kPa  
Injector : Split/Splitless, in split mode, 1:100  
Detector : FID  
Sample Size : 1  $\mu$ L  
Solvent : cyclohexane, 0.1 % w/v

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

## Peak identification

1. ethylbenzene
2. meta-xylene
3. para-xylene
4. ortho-xylene



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This information is subject to change without notice.

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