



# Oxygenated compounds in air

## Application Note

Environmental

### Authors

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### Introduction

Gas chromatography with an Agilent CP-SilicaPLOT column separates two oxygenated compounds in air in 40 minutes.



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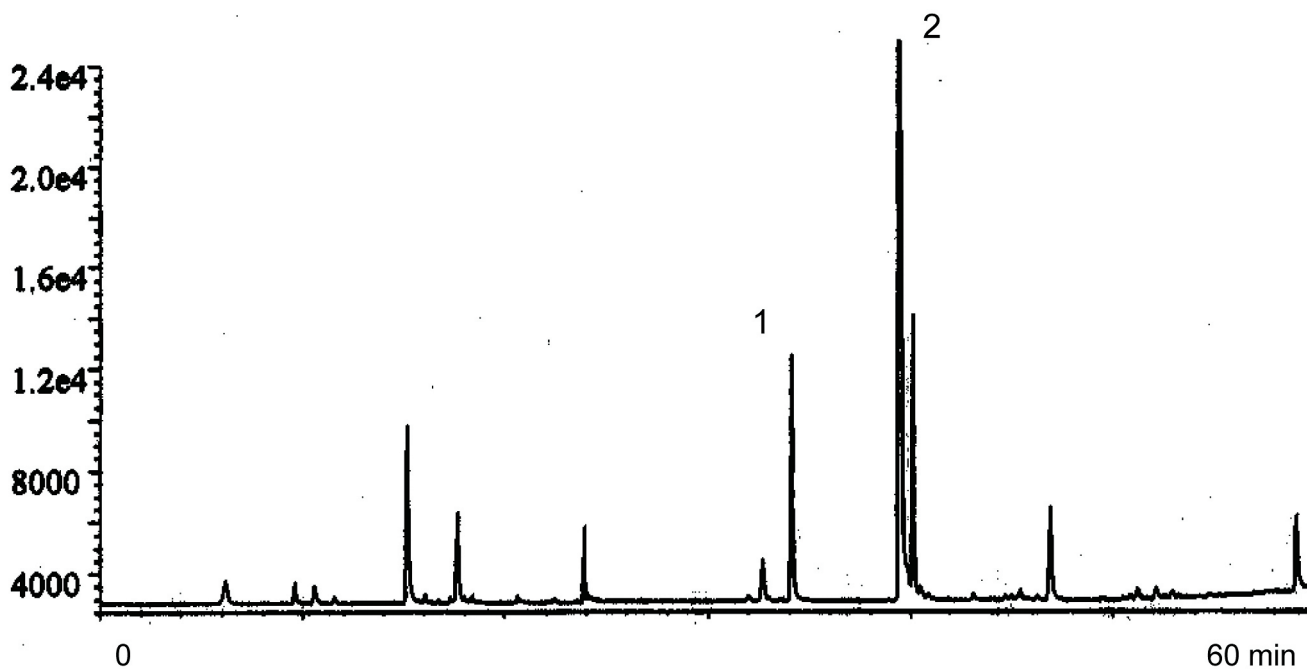
## Conditions

Technique : GC  
Column : Agilent CP-SilicaPLOT, 0.32 mm x 30 m fused silica  
(df = 4  $\mu$ m) (Part no. CP8567)  
Temperature : 30 °C, (2.5 min) 4 °C/min  $\rightarrow$  200°C, 10 min  
Carrier Gas : Helium, 3.5 mL/min  
Injector : Thermo desorption  
Detector : FID  
Concentration Range : ppb range

Courtesy : W. Engewald, K. Dettmar and Th. Bittner,  
University Leipzig, Germany

## Peak identification

1. acetaldehyde
2. acrolein



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This information is subject to change without notice.

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