



# Solvents

## Application Note

Environmental

### Authors

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### Introduction

An Agilent CP-Wax 52 CB column separates 22 solvents by gas chromatography in 40 minutes.



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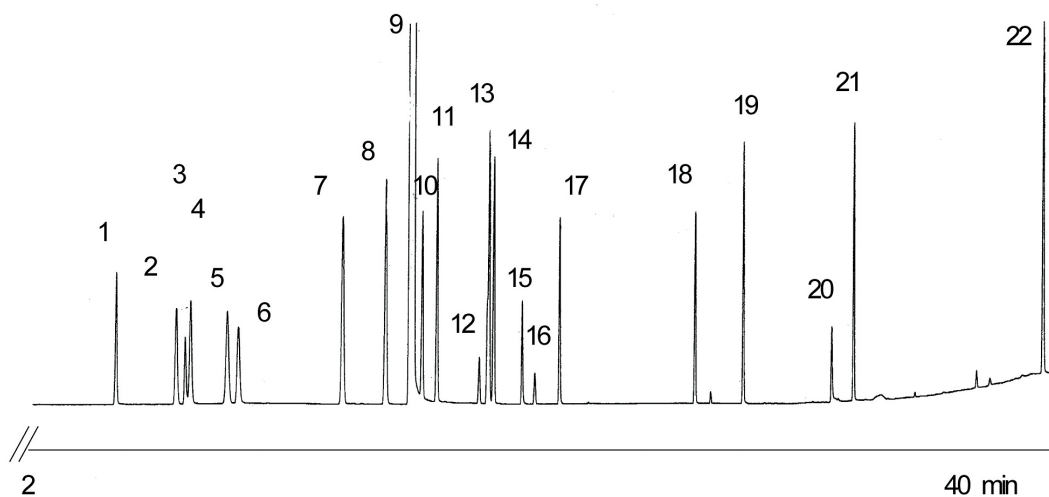
## Conditions

Technique : GC  
Column : Agilent CP-Wax 52 CB, 0.32 mm x 50 m fused silica  
(df = 1.2  $\mu$ m) (Part no: CP7773)  
Temperature : 40 °C (10 min)  $\rightarrow$  220 °C, 6 °C/min, 10 min  
Carrier Gas : H<sub>2</sub>, 70 kPa  
Injector : Split, 1:20; T = 200 °C  
Detector : FID  
T = 300 °C  
Sample Size : 1.0  $\mu$ L  
Concentration Range : approx. 2% in dioxane  
Solvent Sample : dioxane 1,4

Courtesy : Carolin Müller, Bakelite AG, Germany

## Peak identification

1. acetone
2. ethylacetate
3. methanol
4. MEK
5. isopropanol
6. ethanol
7. MIBK
8. toluene
9. 1,4-dioxane
10. butylacetate
11. isobutanol
12. ethyl benzene
13. m/p-xylene
14. n-butanol
15. methylglycol
16. o-xylene
17. ethylglycol
18. butylglycol
19. furfural
20. ethyleneglycol
21. furfuryl alcohol
22. phenol



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This information is subject to change without notice.

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