



# Solvents

## Application Note

Materials Testing & Research

### Authors

Agilent Technologies, Inc.

### Introduction

Gas chromatography with an Agilent CP-Sil 5 CB column and Agilent 490 Micro GC separates six solvents in less than two minutes.



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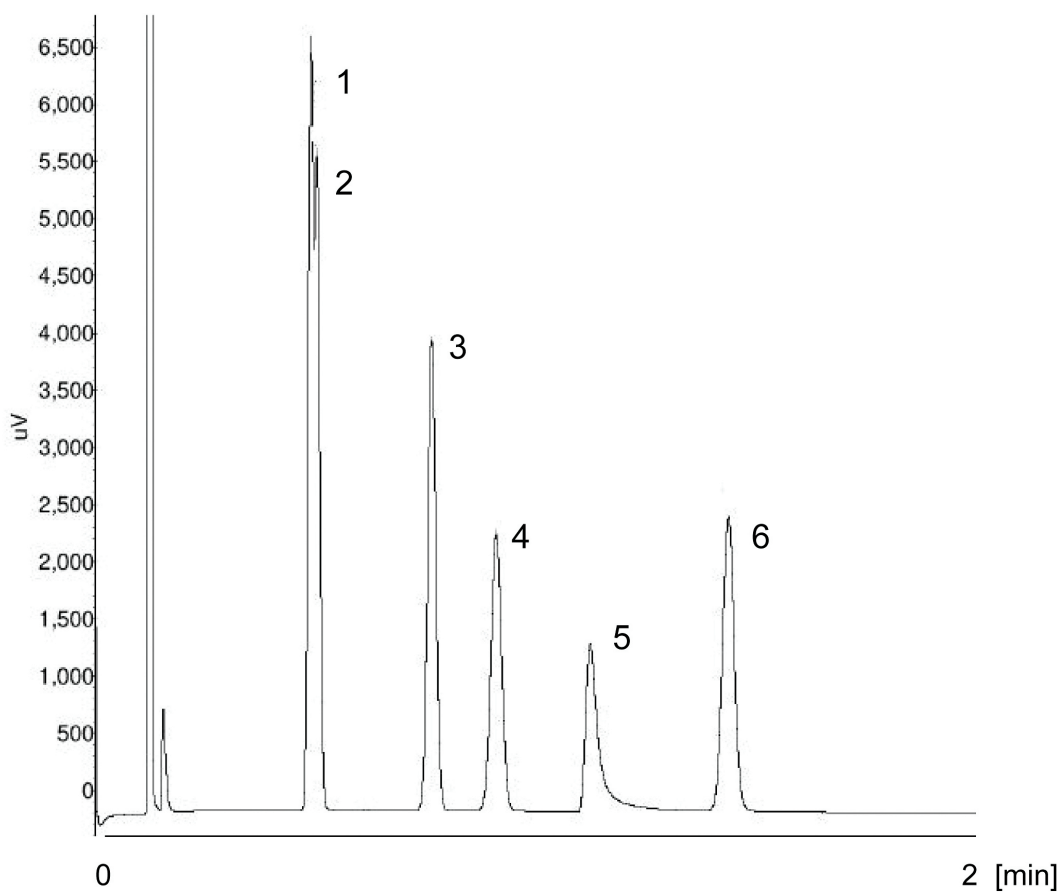
## Conditions

Technique : Micro-GC  
Module : Agilent CP-Sil 5 CB, 4 m fused silica  
Oven : 70 °C  
Injector : non-heated; no backflush;  
Injectiontime : 200 ms  
Carrier gas : He, 100 kPa  
Detector : micro-TCD

Index	Name	Time [Min]	Quantity [% Area]	Height [uV]	Area [uV.Min]	Area % [%]
1	Ethylacetate	0.56	21.09	6863.2	107.3	21.094
2	n-Hexane	0.58	17.43	5721.3	88.7	17.431
3	Cyclo-hexane	0.88	20.39	4114.2	103.7	20.392
4	Iso-octane	1.05	15.17	2394.1	77.2	15.168
5	Aniline	1.29	8.33	1372.0	42.4	8.330
6	Toluene	1.66	17.58	2547.4	89.5	17.584
Total			100.00	23012.1	508.7	100.000

## Peak identification

1. ethylacetate
2. n-hexane
3. cyclohexane
4. isooctane
5. aniline
6. toluene



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This information is subject to change without notice.

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Printed in the USA

31 October, 2011

First published prior to 11 May, 2010

A02439



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