

# Analysis of Volatile Solvents on CP-Sil 5 CB using the Agilent 490 Micro GC

# **Application Note**

Micro Gas Chromatography, Environmental Analysis, Solvent Analysis

#### **Author**

Remko van Loon Agilent Technologies, Inc. Middelburg The Netherlands



#### Introduction

This application note shows the analysis of Ethyl acetate, n-Hexane, Cyclohexane, iso-Octane, Aniline, and Toluene in an Air matrix using the Agilent 490 Micro GC. These volatile solvents, harmful to the environment, are analyzed on a CP-Sil 5 CB column channel in less than 2 minutes.

When you need to analyze on a location where no carrier gas or power is available, the portable field case option provides you measurements in the field. The 490 Micro GC can easily be transported in this fully self-contained field case, built-in gas cylinders, and rechargeable battery provide up to eight hours productive measuring time.

The Agilent 490 Micro GC delivers lab-quality separations in an ultra-compact, portable instrument. You get the results you need in seconds, for faster, better decision making, and confident process control.



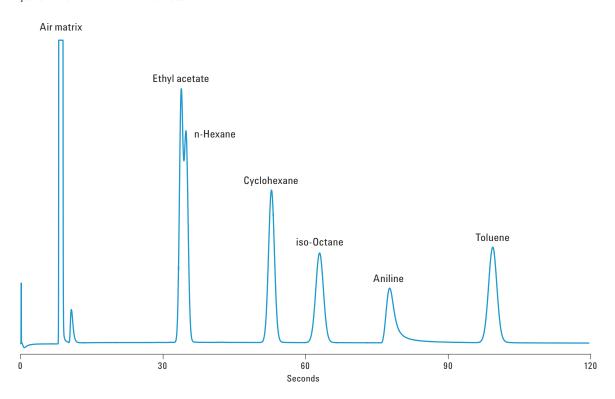
## Instrumentation

Instrument Agilent 490 Micro GC (G3581A) with portable

field case

Column channel 4 m CP-Sil 5 CB Injector Unheated Column temperature 70 °C

Carrier gas Helium, 100 kPa Injection time 200 msec



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