

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

Application Note

Micro Gas Chromatography, Environmental Analysis, Solvent Analysis

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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.

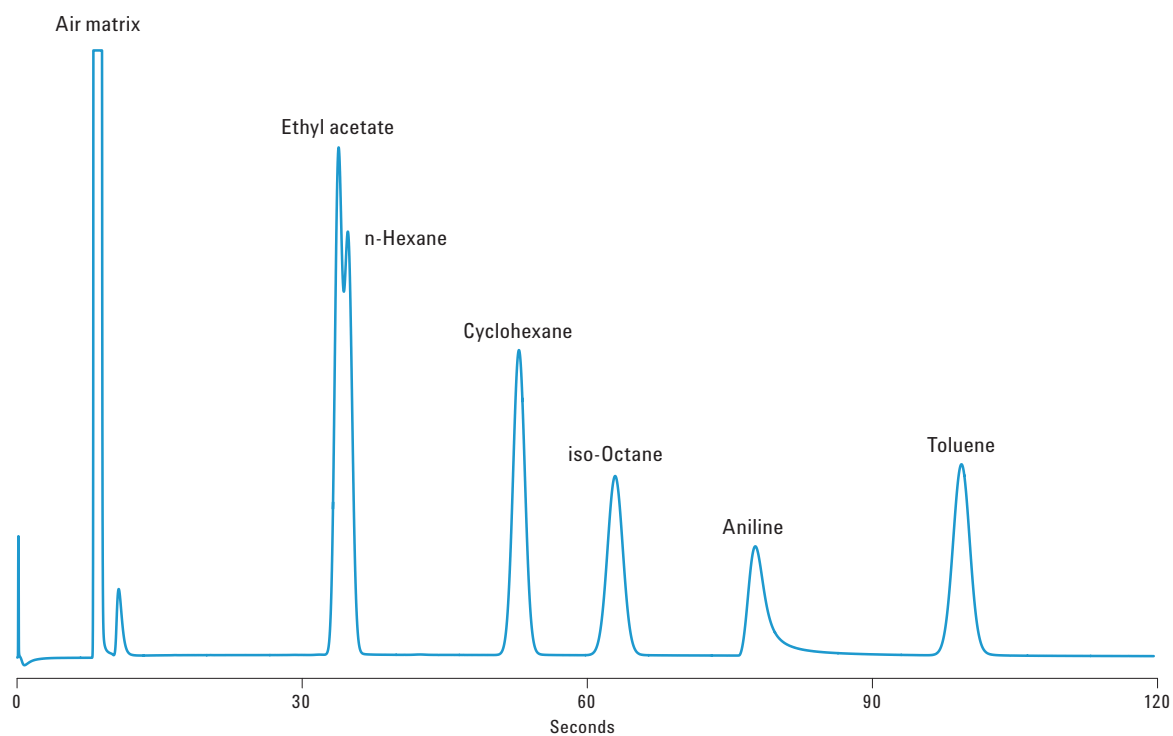
The Agilent 490 Micro GC delivers lab-quality separations in an ultra-compact, portable instrument. You get the results you need in seconds, for faster, better decision making, and confident process control.



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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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