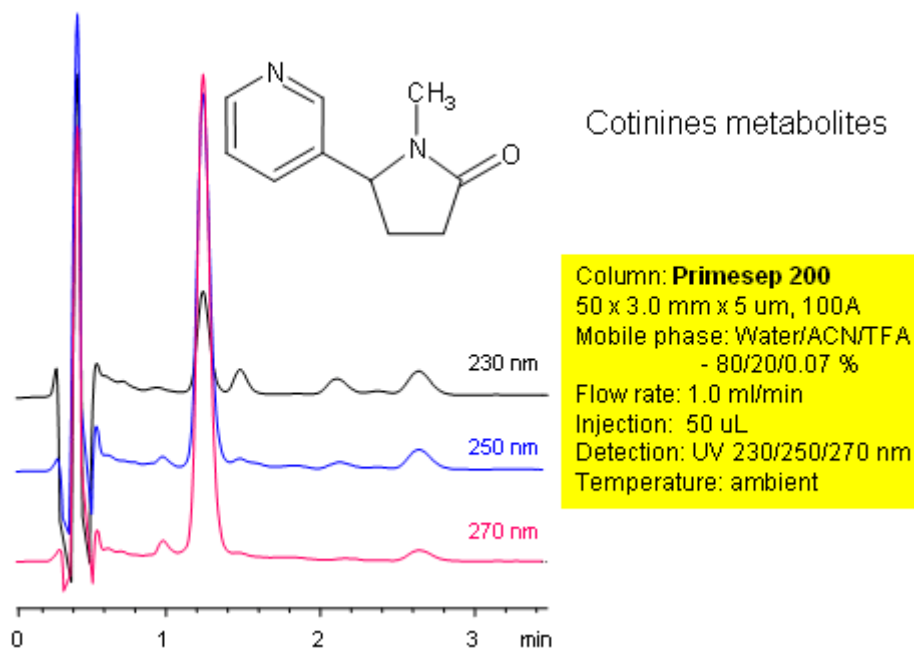


# HPLC Separation of Cotinine Metabolites

<https://sielc.com/Application-HPLC-Separation-of-Cotinine-Metabolites>

## Chromatogram



## Description

Primesep 200 separates the very hydrophilic cotinine metabolites. Ion-exchange and other polar interactions provide retention for a compound that is difficult to retain on traditional C18 reversed-phase columns. The separation uses a simple mobile phase of water, acetonitrile (MeCN, ACN), and trifluoroacetic acid (TFA) with UV detection.

## Method Parameters

Mobile Phase	MeCN/H <sub>2</sub> O
Buffer	TFA
Flow Rate	1.0 ml/min
Detection	UV, 23, 250, 270 nm
Class of Compounds	Hydrophilic
Analyzing Compounds	Cotinine Metabolites

## HPLC Column Used

**Primesep 200, 3.0x50 mm, 5 µm, 100Å**

[Order this column at hplc-shop.de](http://hplc-shop.de) →