

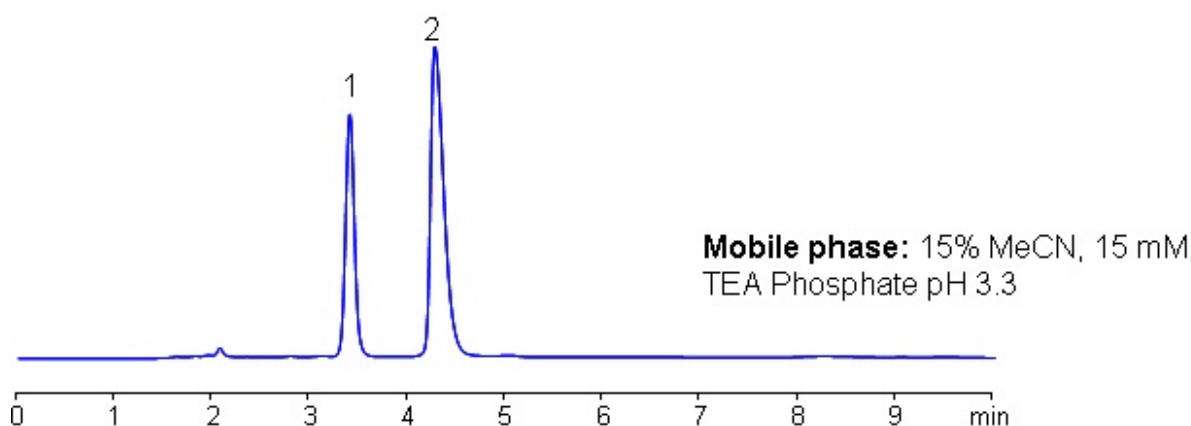
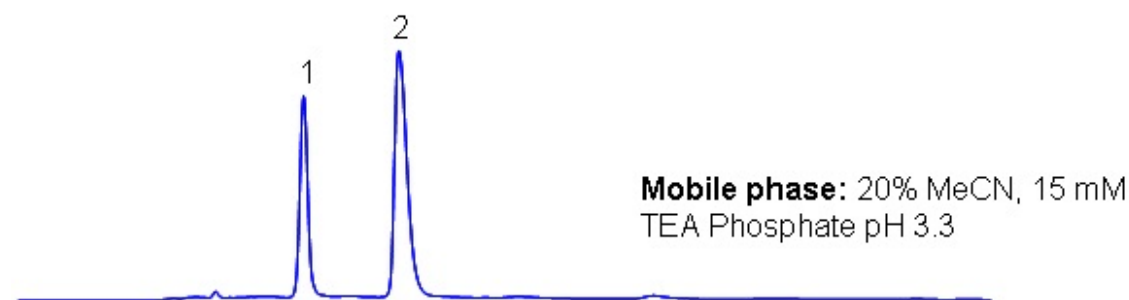
Separation of Acetaminophen and 4-Aminophenol on Primesep C

https://sielc.com/Separation_of_Acetaminophen_and_4-Aminophenol_on_Primesep_C

Chromatogram

1. Acetaminophen
2. 4-Aminophenol

Column: Primesep C
Size: 4.6 x 150 mm
Flow: 1.0 mL/min
Detection: UV 210 nm



Description

Acetaminophen and 4-Aminophenol are both aminophenols. Acetaminophen or paracetamol is a widely used analgesic and antipyretic. 4-Aminophenol is an intermediate in the synthesis of paracetamol and used in photography as a developer. Both compounds were retained and resolved on Primesep C. Primesep C is a mixed-mode HPLC column which uses reversed-phase and unique complex-forming groups to resolve compounds that might otherwise coelute.

Method Parameters

Mobile Phase	MeCN
Buffer	TEAPh
Flow Rate	1.0 ml/min
Detection	UV, 210 nm
Class of Compounds	Drug, Hydrophilic, Ionizable

Analyzing Compounds

Acetaminophen, 4-Aminophenol

HPLC Column Used

Primesep C, 4.6x150 mm, 5 µm, 100A

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