

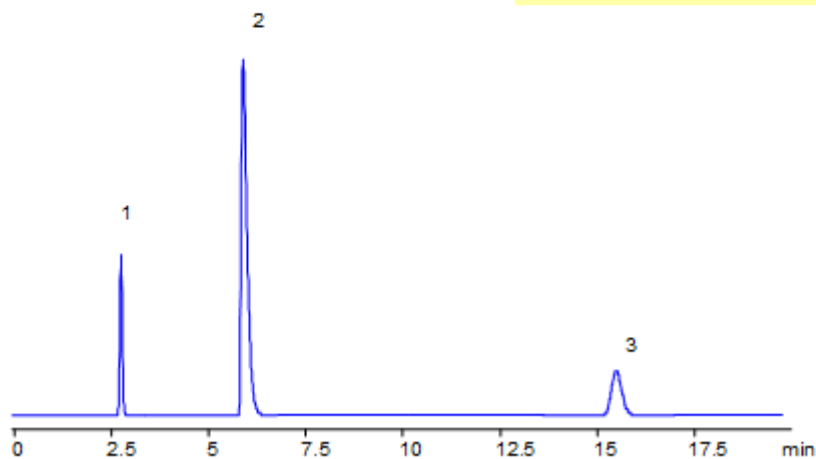
HPLC Separation of Caffeine, Benzoic acid and Acetaminophen

<https://sielc.com/Application-HPLC-Separation-of-Caffeine-Benzoic-acid-and-Acetaminophen>

Chromatogram

1. Acetaminophen
2. Caffeine
3. Benzoic acid

Column: Legacy L1
Size: 4.6 x 250 mm
Mobile Phase: 69/28/3 water, MeOH, acetic acid
Flow: 1.5 mL/min
Detection: 275 nm



Method Parameters

Mobile Phase	MeOH – 28%
Buffer	Acetic Acid – 3%
Flow Rate	1.5 ml/min
Detection	UV, 275 nm
Class of Compounds	Drug, Acid, Hydrophilic, Hydrophobic, Ionizable
Analyzing Compounds	Caffeine, Benzoic acid, Acetaminophen

HPLC Column Used

Legacy L1, 4.6x250 mm, 5 µm, 100A

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