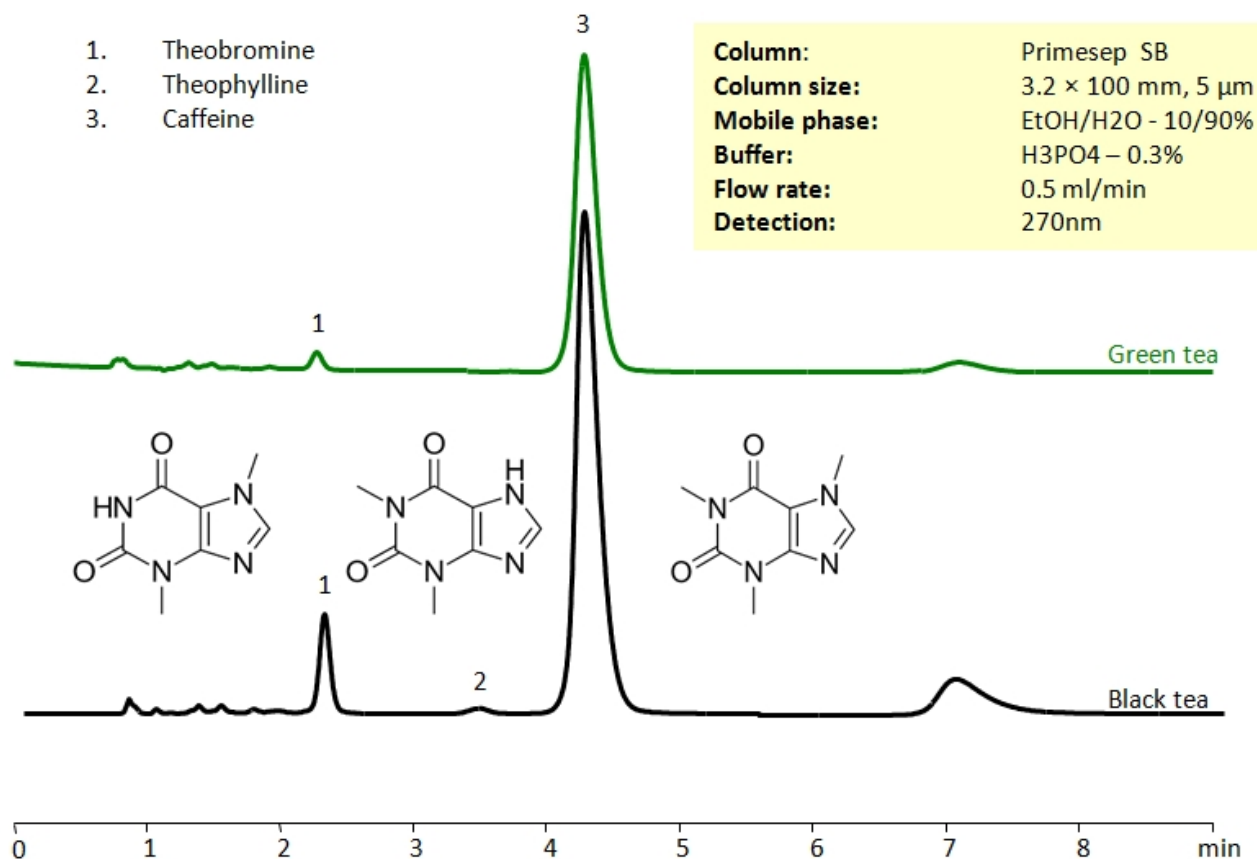


HPLC Determination of Caffeine, Theophylline and Theobromine in Tea on Primesep SB Column

<https://sielc.com/hplc-determination-of-caffeine-theophylline-and-theobromine-in-tea-on-primesep-sb-column>

Chromatogram



Method Parameters

Mobile Phase	EtOH – 10%
Buffer	H ₃ PO ₄ – 0.3%
Flow Rate	0.5 ml/min
Detection	UV, 270 nm
Class of Compounds	Xanthine, Hydrophobic, Ionizable
Analyzing Compounds	Theophylline, Theobromine, Caffeine

HPLC Column Used

Primesep SB, 3.2 x 100 mm, 5 µm, 100 A, dual ended

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