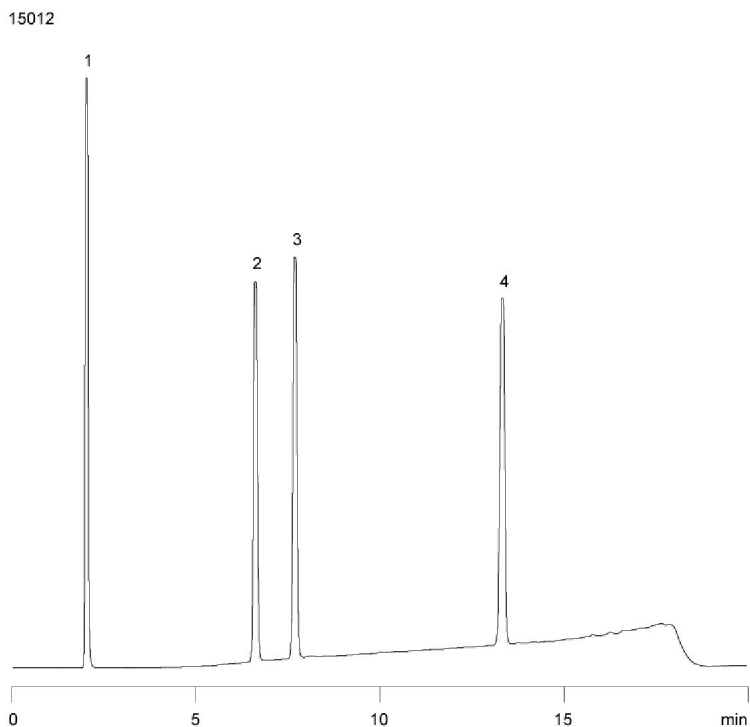


APPLICATION NOTE - HPLC
Caffeine & Metabolites, pH 10.0



Column: Gemini 5 μ m C18 / ODS C18
Dimensions: 150 x 4.6 mm ID
Order No: 00F-4435-E0
Elution Type: Gradient
Eluent A: 20mM NH₄HCO₃, pH 10.0
Eluent B: Acetonitrile

Gradient Profile:

Step No.	Step Time	Pct A	Pct B
1	8	98	2
2	7	80	20

Flow Rate: 1 mL/min
Temperature: 25 °C
Detection: UV-Vis Abs. - Variable Wave. @ 273 nm
SPE:

SAMPLE ANALYTES:

- 1 Xanthine
- 2 Theobromine
- 3 Theophylline
- 4 Caffeine

For more information call your Phenomenex Representative at

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