

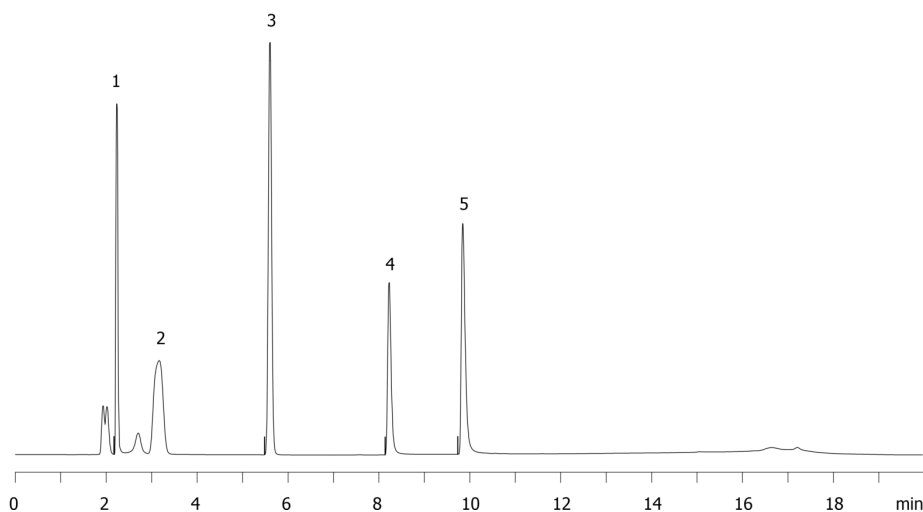
Gradient Separation of a Cold Mix on Gemini C18

Column: Gemini® 5 µm C18 110 Å, LC Column 150 x 4.6 mm, Ea**Dimensions:** 150 x 4.6 mm ID**Order No:** 00F-4435-E0**Elution Type:** Gradient**Eluent A:** 10 mM Phosphate Buffer, pH 2.5**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	15	40	60
	3	17	40	60
	4	17.01	95	5
	5	20	95	5

Flow Rate: 1 mL/min**Col. Temp.:** ambient**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 215 nm (ambient)**Analyst Note:** Gradient separation of four analytes in cold remedy on Gemini C18: Phenylephrine, Acetaminophen, Chlorpheniramine and Dextromethorphan and impurity of Maleic acid.
16770

Products used in this application:



ANALYTES:

1 Phenylephrine

Retention Time: 2.232 min

2 Maleic acid

Retention Time: 3.163 min

3 Acetaminophen

Retention Time: 5.6 min

4 Chlorpheniramine

Retention Time: 8.223 min

5 Dextromethorphan

Retention Time: 9.844 min

