

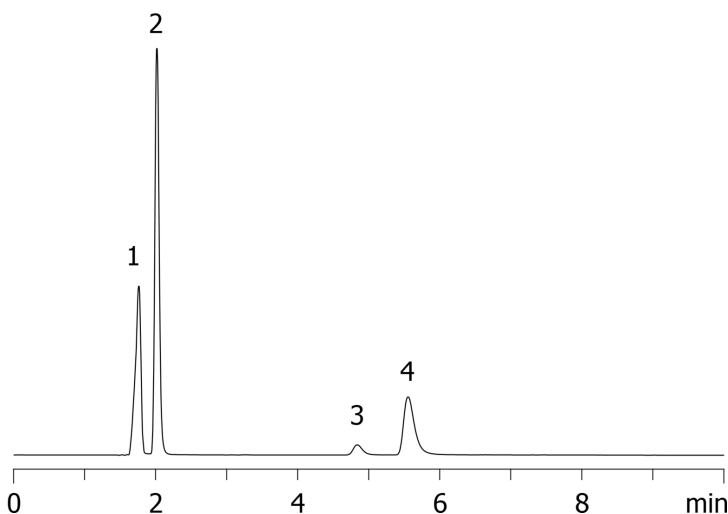
Isocratic Separation of a Cold Mix on Gemini C18 (50% MeOH)

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:** Isocratic**Eluent A:** 10 mM Phosphate Buffer, pH 5.0**Eluent B:** Methanol

Gradient	Step No.	Time (min)	Pct A	Pct B
Profile:	1	20	50	50

Flow Rate: 1 mL/min**Col. Temp.:** ambient**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 280 nm (ambient)**Analyst Note:** Isocratic separation of four analytes in cold remedy on Gemini C18: Phenylephrine, Acetaminophen, Chlorpheniramine and Dextromethorphan and impurity of Maleic acid
16772

Products used in this application:



ANALYTES:

- | | |
|---------------------------|------------------|
| 1 | Phenylephrine |
| Retention Time: 1.761 min | |
| 2 | Acetaminophen |
| Retention Time: 2.017 min | |
| 3 | Chlorpheniramine |
| Retention Time: 4.837 min | |
| 4 | Dextromethorphan |
| Retention Time: 5.553 min | |

