

Cold medicine compounds on Kinetex 2.6 µm EVO C18**Column:** Kinetex® 2.6µm EVO C18 100 Å, LC Column 100 x 4.6 mm, Ea**Dimensions:** 100 x 4.6 mm ID**Order No:** 00D-4725-E0**Elution Type:** Gradient**Eluent A:** 0.1% TFA in Water**Eluent B:** 0.1% TFA in ACN

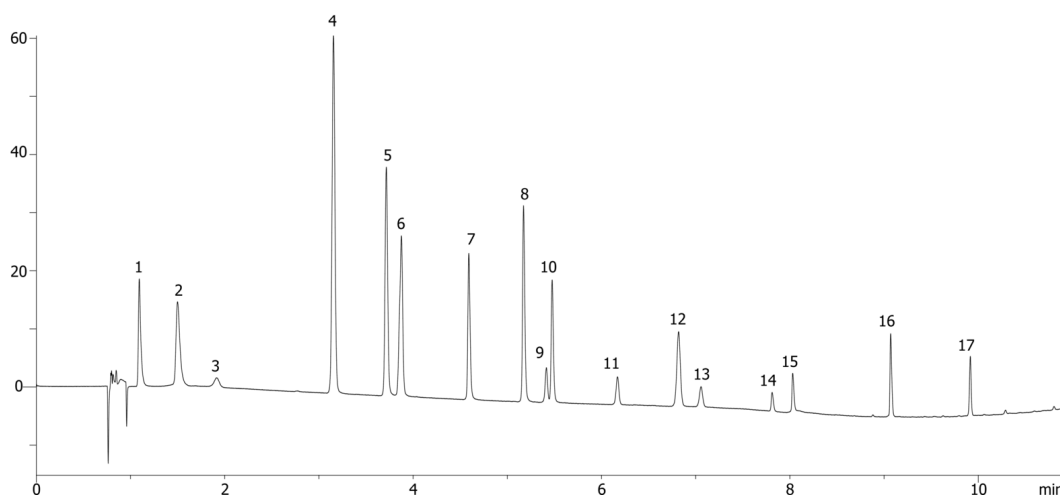
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	98	2
	2	6	70	30
	3	11	0	100

Flow Rate: 1.25 mL/min**Col. Temp.:** ambient**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)**Analyst Note:** Forced degradation protocol:

Reconstitute 1 mg of cefaclor neat standard with 1.0 mL of 1 M HCl. Heat the solution at 60 °C for 6 hours then neutralize with 1.0 mL of 1 M NaOH. Refrigerate until ready to inject.

**Products used in this application:**

23036



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ANALYTES:

- 1** Maleic acid
- 2** Fumaric acid
- 3** Phenylephrine
- 4** Acetaminophen
- 5** Pheniramine
- 6** Doxylamine
- 7** Pyrilamine
- 8** Chlorpheniramine
- 9** Guaifenesin
- 10** Brompheniramine
- 11** Acetylsalicylic acid
- 12** 4-Nitrophenol
- 13** Impurity
- 14** Dextromethorphan
- 15** Diphenhydramine
- 16** Clemastine
- 17** Ibuprofen

