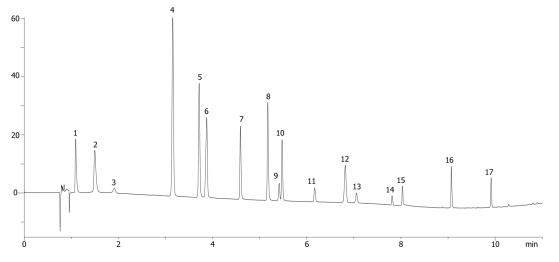
HPLC Application

Cold medicine compounds on Kinetex 2.6 µm EVO C18 Kinetex® 2.6µm EVO C18 100 Å, LC Column 100 x 4.6 mm, Ea Column: 100 x 4.6 mm ID **Dimensions:** Kinetex® **Order No:** 00D-4725-E0 Ultra-High Performance Elution Type: Gradient Eluent A: 0.1% TFA in Water Eluent B: 0.1% TFA in ACN -0-Gradient Step No. Time (min) Pct A Pct B **Profile:** 1 0 98 2 2 6 70 30 Products used in this application: 3 11 0 100 Flow Rate: 1.25 mL/min KINETEX. Col. Temp.: ambient **Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient) Forced degradation protocol: Analyst Note:

23036

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



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HPLC Application



Cold medicine compounds on Kinetex 2.6 µm EVO C18

ANALYTES:

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

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