

# HPLC Application

ID No.: 24046

## Cold Medications on Luna 3u Polar C18 100x4.6mm

**Column:** Luna® Omega 3 µm Polar C18 100 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-4760-E0

**Elution Type:** Gradient

**Eluent A:** 20mM Potassium Phosphate pH 3.5

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	98	2
	2	7	70	30
	3	12	20	80

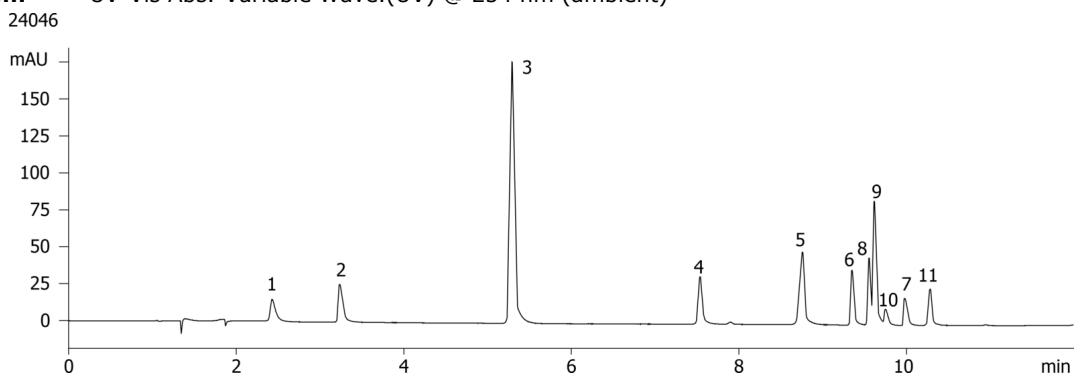
**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)



Products used in this application:



## Cold Medications on Luna 3u Polar C18 100x4.6mm

### ANALYTES:

- 1 Maleic Acid
- 2 Phenylephrine
- 3 Acetaminophen
- 4 Doxylamine
- 5 Pyrilamine
- 6 Chlorpheniramine
- 7 Bromopheniramine
- 8 4-Nitrophenol
- 9 Acetylsalicylic Acid
- 10 Dextromethrphan
- 11 Diphenhydramine

