

HPLC Application

ID No.: 23611

Beta-blockers using Luna Omega Polar C18 50x2.1mm

Column: Luna Omega 1.6 um Polar C18 100 A LC Column 50 x 2.1 mm, Ea

Dimensions: 50 x 2.1 mm ID

Order No: 00B-4748-AN

Elution Type: Gradient

Eluent A: 20mM Potassium Phosphate pH 7.2

Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	6	65	35

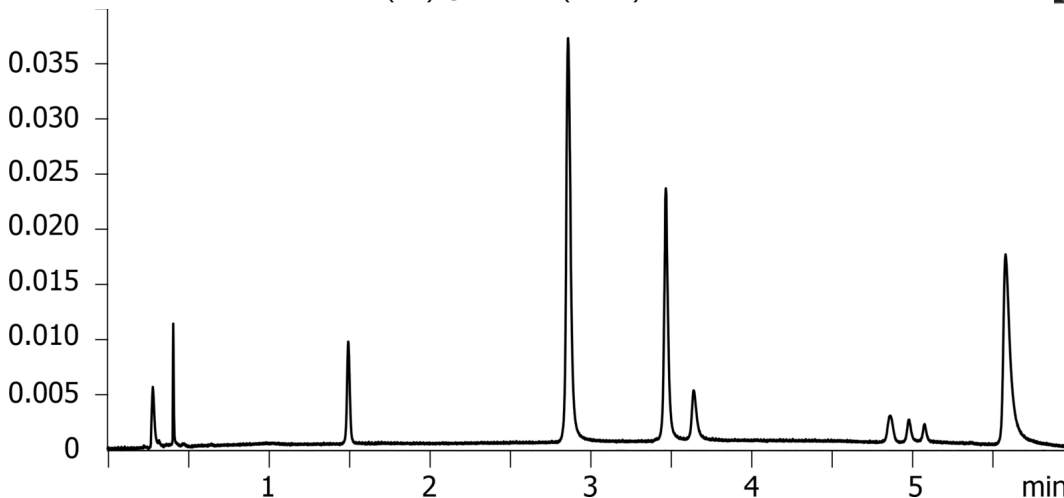
Flow Rate: 400 mL/min

Col. Temp.: 25 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 280 nm (25 °C)



Products used in this application:



ANALYTES:

- 1** Atenolol
Retention Time: 1.554 min
- 2** Pindolol
Retention Time: 2.973 min
- 3** Timolol
Retention Time: 3.604 min
- 4** Metoprolol
Retention Time: 3.782 min
- 5** Labetolol
Retention Time: 5.06 min
- 6** Alprenolol
Retention Time: 5.171 min
- 7** Unknown impurity
Retention Time: 5.273 min
- 8** Propranolol
Retention Time: 5.795 min

