

# HPLC Application

ID No.: 12949

## Substituted Anilines

**Column:** Luna® 3 µm CN 100 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-4254-E0

**Elution Type:** Gradient

**Eluent A:** Hexane

**Eluent B:** 80:20 Methylene chloride:Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	0.5	90	10
	3	1.5	70	30

**Flow Rate:** 5 mL/min

**Col. Temp.:** ambient

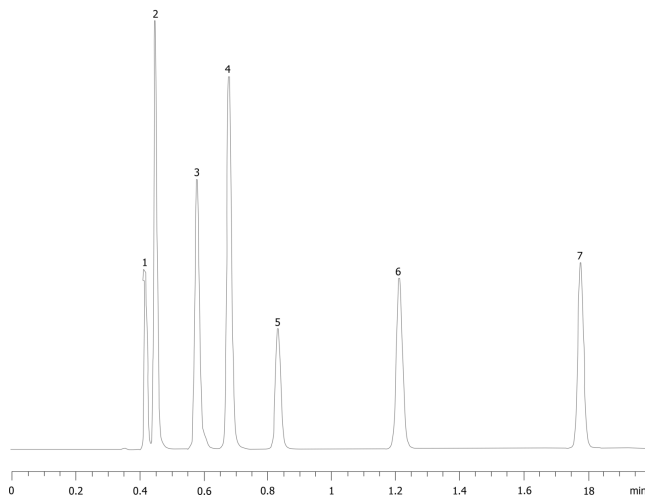
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, CN 4 x 3.0mm, 10/Pk Part No.: AJ0-4305

- Holder Part No.: KJ0-4282

12949



### ANALYTES:

- 1 2-Chloroaniline
- 2 3-Chloroaniline
- 3 2,5-Dichloroaniline
- 4 3,4-Dichloroaniline
- 5 2-Nitroaniline
- 6 3-Nitroaniline
- 7 4-Nitroaniline



Products used in this application:

