

# HPLC Application

ID No.: 10791

## Diisocyanate

**Column:** Luna® 5 µm Phenyl-Hexyl 100 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4257-E0

**Elution Type:** Gradient

**Eluent A:** 0.007M Ammonium acetate, pH 6.0/Acetonitrile (67.5:32.5 v/v)

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	100	0
	2	5	100	0
	3	20	75	25
	4	30	65	35
	5	35	100	0
	6	40	100	0

**Flow Rate:** 0.6 mL/min

**Col. Temp.:** 20 °C

**Detection:** Fluorescence (FLUOR) @ 240 ex/370 em nm (ambient)

**Analyst Note:** The derivatisation reagent used was 1-(2-pyridyl)piperazine (1-2PP).

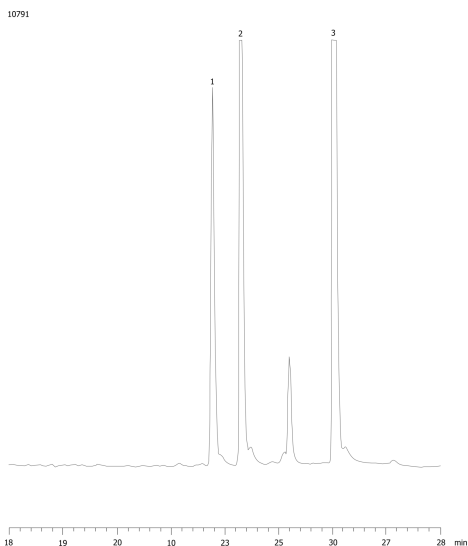
SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Phenyl 4 x 3.0mm, 10/Pk Part No.: AJ0-4351

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1 HDI
- 2 2,4-TDI
- 3 MDI

