

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)

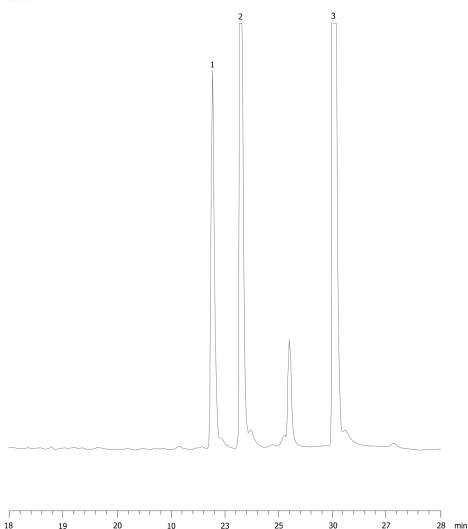
Analyst Note: The derivatisation reagent used was 1-(2-pyridyl)piperazine (1-2PP).

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

10791



ANALYTES:

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



Products used in this application:

