

# HPLC Application

ID No.: 16305

## Herbicides on Luna 3u PFP(2)

**Column:** Luna® 3 µm PFP(2) 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4447-E0

**Elution Type:** Gradient

**Eluent A:** 0.1% Formic acid in Water

**Eluent B:** 0.1% Formic acid in Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	45	55
	2	6	25	75

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

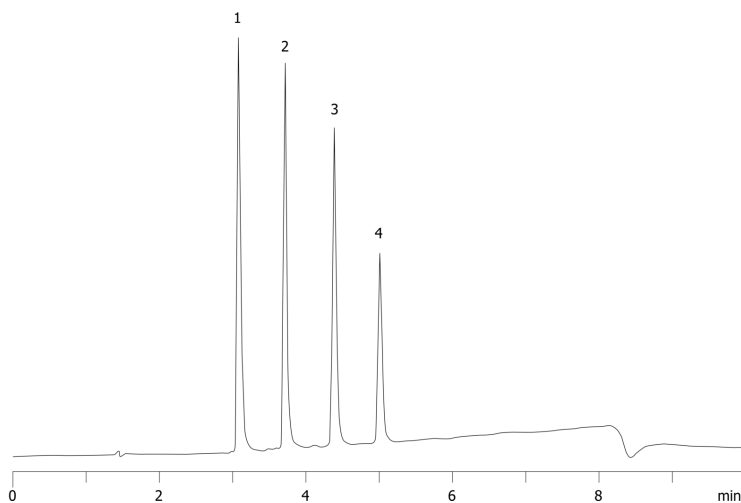
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 280 nm (ambient)

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

- SecurityGuard Cartridges, PFP 4 x 3.0 mm, 10/Pk Part No.: AJ0-8327

- Holder Part No.: KJ0-4282

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### ANALYTES:

- 1** 4-Chlorophenoxyacetic acid  
Retention Time: 3.084 min
- 2** 2,4-Dichlorophenoxyacetic acid  
Retention Time: 3.714 min
- 3** 2,4,5-Trichlorophenoxyacetic acid  
Retention Time: 4.384 min
- 4** 2-(2,4,5-Trichlorophenoxy)propionic acid  
Retention Time: 5.009 min



Products used in this application:

