

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.

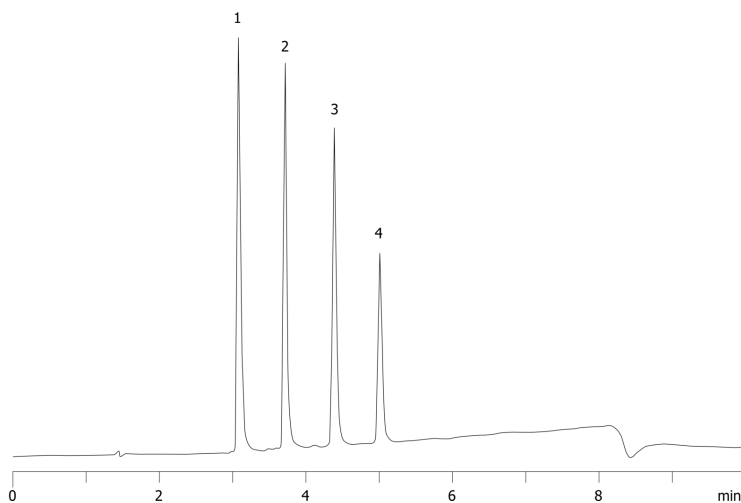
- SecurityGuard Cartridges, PFP 4 x 3.0 mm, 10/Pk Part No.: AJ0-8327

- Holder Part No.: KJ0-4282

16305



Products used in this application:



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

