

# HPLC Application

ID No.: 18232

## Aflatoxins on Luna 3um C18 (2) 150x4.6mm

**Column:** Luna® 3 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4251-E0

**Elution Type:** Isocratic

**Eluent A:** water

**Eluent B:** acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	70	30

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** 25 °C

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

**Detector Info:** Agilent 1100, Aflatoxin B1 = 21336, Sym = 0.92

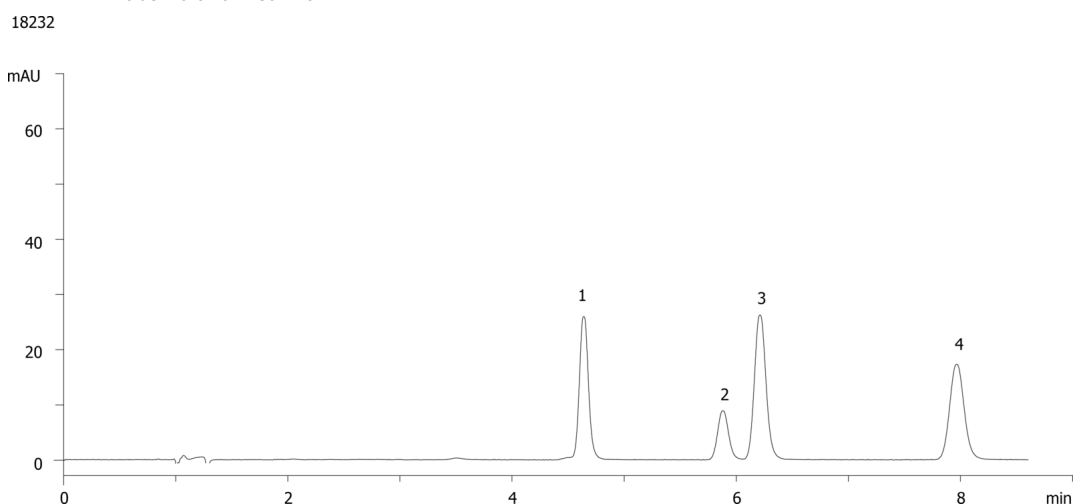
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1** Aflatoxin G2  
Retention Time: 4.639 min
- 2** Aflatoxin B2  
Retention Time: 5.881 min
- 3** Aflatoxin G1  
Retention Time: 6.21 min
- 4** Aflatoxin B1  
Retention Time: 7.994 min

