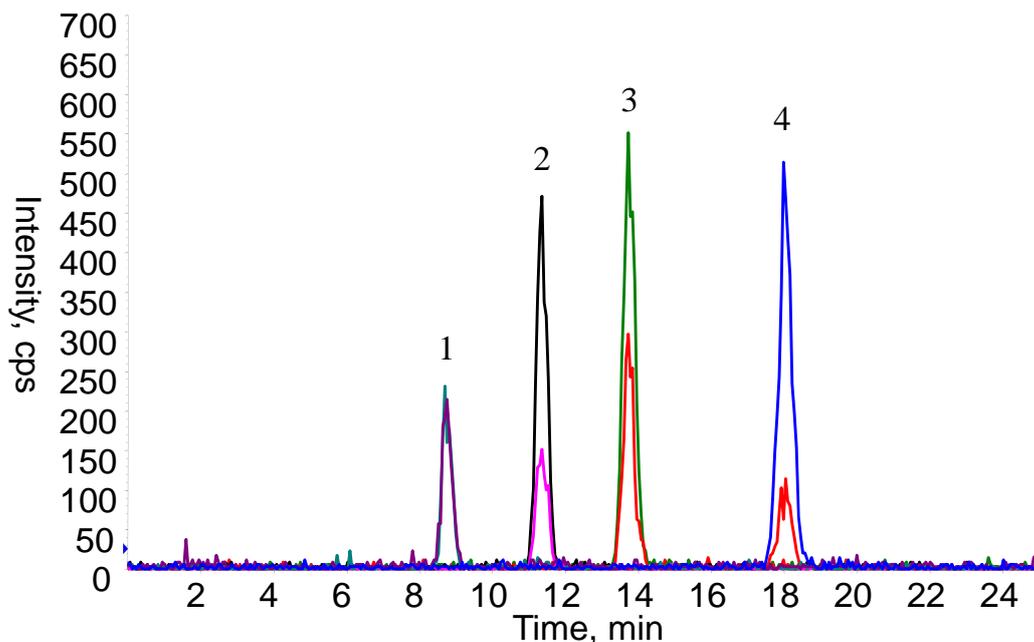


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Aflatoxin

Data No. LB289-0811



### Conditions

**System** : LC800 HPLC system  
**Column** : InertSustain C18  
(3  $\mu$  m, 150 x 2.1 mm I.D.)  
**Column Cat. No.** : 5020-07415  
**Eluent** : A) CH<sub>3</sub>OH  
B) 10 mM CH<sub>3</sub>COONH<sub>4</sub>  
A/B = 40/60, v/v (Gradient mixer)  
**Flow Rate** : 0.2 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : LC/MS/MS (4000 Q TRAP® : ESI, Positive, MRM)

### Analyte:

	Q1/Q3	①	②
1. Aflatoxin G2	331.2/245.1	331.1/313.0	
2. Aflatoxin G1	329.1/243.1	328.9/200.0	
3. Aflatoxin B2	315.1/259.1	314.8/278.0	
4. Aflatoxin B1	313.1/241.0	312.9/212.9	

CUR CAD IS TEM GS1 GS2  
20 3 5000 600 70 70

**Injection Vol.** : 10  $\mu$  L  
**Sample** : Standard