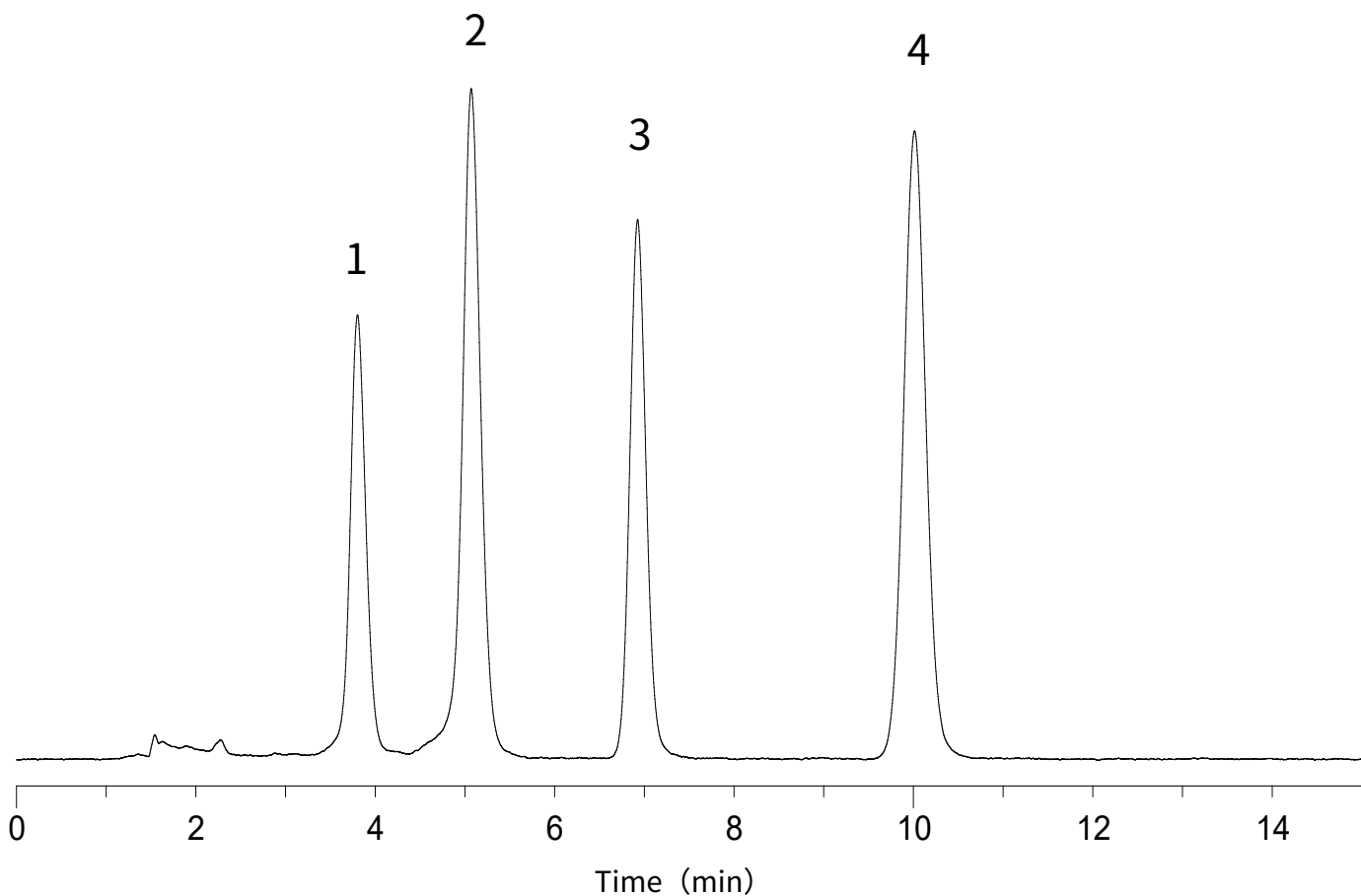


InertSearch™ for LC

Inertsil® Applications

Analysis of Pre-column Derivatized Aflatoxin

Data No. LB107-0811



Conditions

System : GL-7400 system
Column : InertSustain C18 (5 µm, 150 x 4.6 mm I.D.)
Eluent : A) CH₃OH
 B) CH₃CN
 C) H₂O
 A/B/C = 30/10/60, v/v/v (Premix)
Flow rate : 1.0 mL/min
Col. Temp. : 40°C
Detection : FL Ex. 365 nm, Em. 450 nm (GL-7453A FL Detector)
Injection Vol. : 20 µL
Sample : Aflatoxin derivatized with trifluoroacetic acid

Analyte:

1. Aflatoxin G1	5 ng/mL
2. Aflatoxin B1	5 ng/mL
3. Aflatoxin G2	5 ng/mL
4. Aflatoxin B2	5 ng/mL