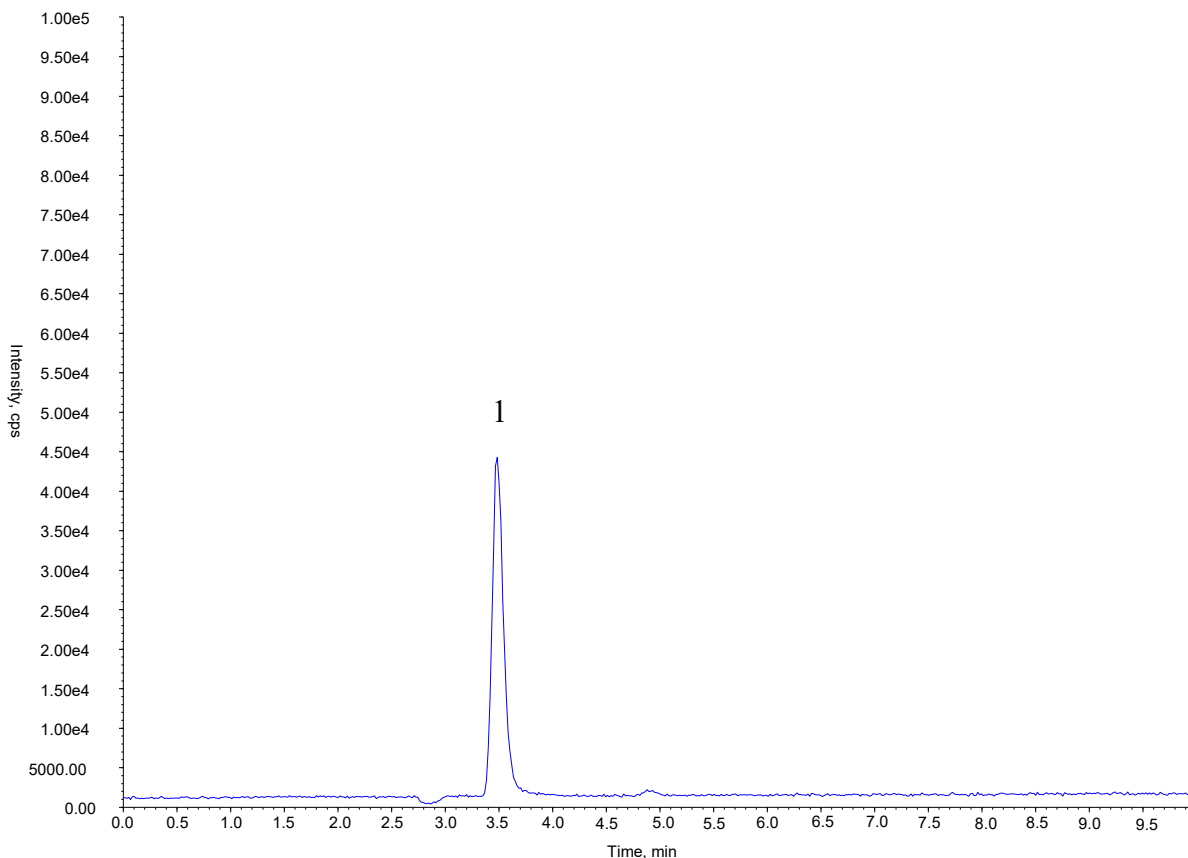


Analysis of Ectoine



Conditions

System : ExionLC System (SCIEX)
Column : InertSustain PFP (GL Sciences Inc.)
 (3 μ m, 150 x 2.1 mm I.D., Metal-free hardware)
Column Cat. No. : 5020-87594
Eluent : A) 0.1 % HCOOH in CH₃OH
 B) 0.1 % HCOOH in H₂O
 A/B = 2/98, v/v
Flow Rate : 0.2 mL/min
Col. Temp. : 40 °C
Detection : LC-MS/MS (QTRAP 6500+ LC-MS/MS System: ESI, Positive, MRM)
Injection Vol. : 5 μ L
Sample : Standard in 0.1 % HCOOH in H₂O

Analyte:

1. Ectoine 2 μ g/L
 (Q1/Q3 = 143.0/68.2)