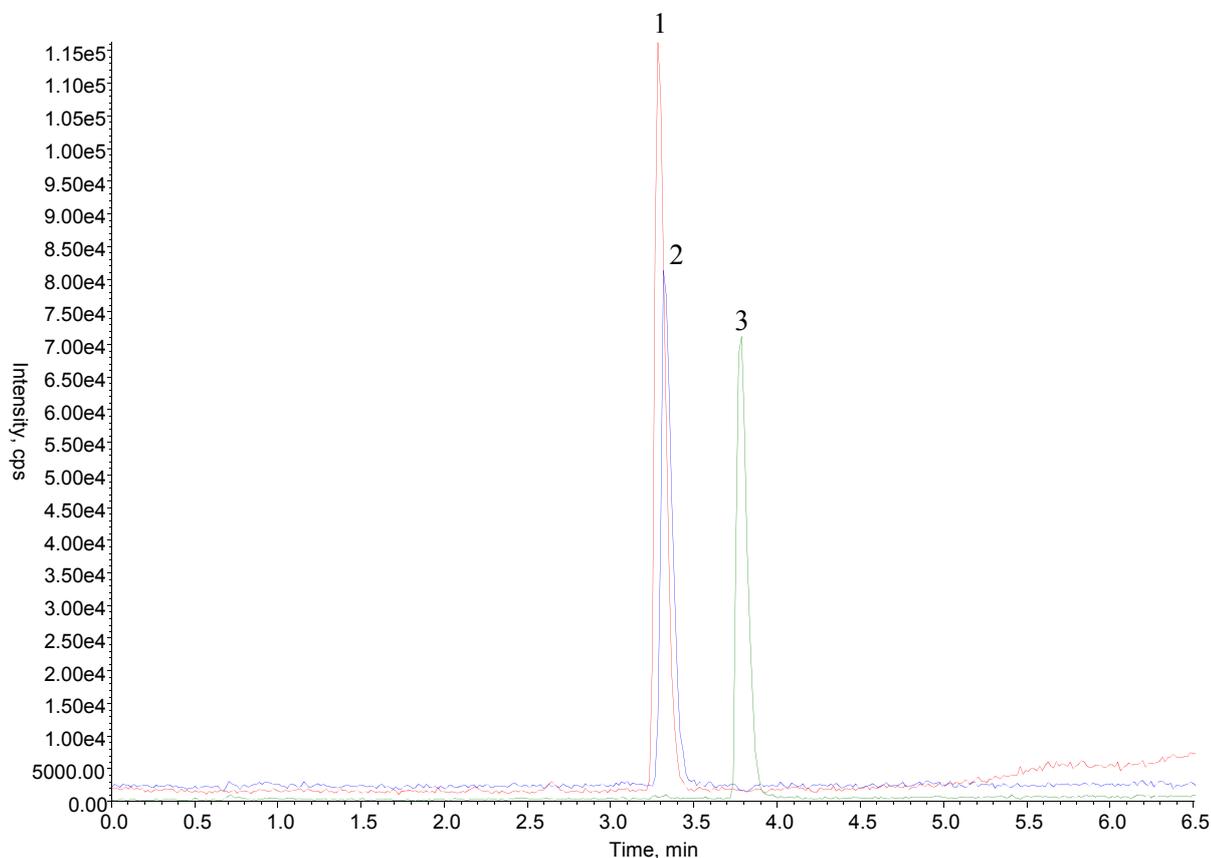


InertSearch™ for LC

Inertsil® Applications

Analysis of Peptide hormones

Data No. LB513-0812



Conditions

Column : InertSustainBio C18
(1.9 μ m, 50 x 2.1 mm I.D.)
Column Cat. No. : 5020-89500
Eluent : A) 0.08 % HCOOH, 0.02 %TFA in CH₃CN
B) 0.08 % HCOOH, 0.02 %TFA in H₂O

Analyte:	M.W.	Q1	Q3	Conc.
1. Ghrelin (Rat)	3314.8	553.5	553.5	100 nmol/L
2. Ghrelin (human)	3370.9	675.8	675.8	100 nmol/L
3. GRF* (human)	5039.7	841.0	841.0	200 nmol/L

*Growth Hormone Releasing Factor

Time (min)	A (vol%)	B (vol%)
0.00	15	85
6.00	60	40
8.00	60	40
8.01	15	85
11.0	15	85

Flow Rate : 0.2 mL/min
Col. Temp. : 40 °C
Detection : LC/MS/MS (QTRAP® 6500+, ESI Positive, SRM)
CUR CAD IS TEM GS1 GS2
30 0 5500 500 60 80
Injection Vol. : 5 μ L