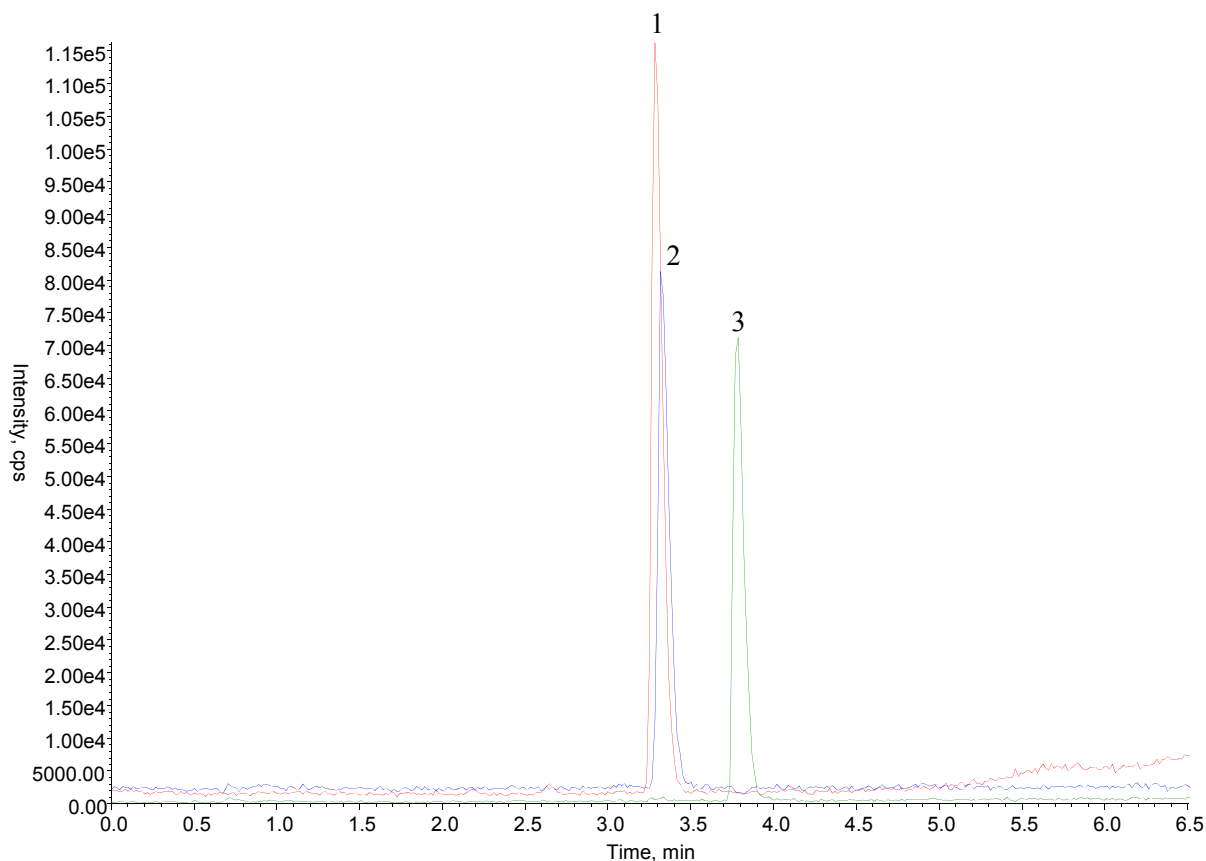


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Peptide hormones

Data No. LB513-0812



### Conditions

**Column** : InertSustainBio C18  
(1.9  $\mu$  m, 50 x 2.1 mm I.D.)  
**Column Cat. No.** : 5020-89500  
**Eluent** : A) 0.08 % HCOOH, 0.02 %TFA in CH<sub>3</sub>CN  
B) 0.08 % HCOOH, 0.02 %TFA in H<sub>2</sub>O

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  $\mu$  L