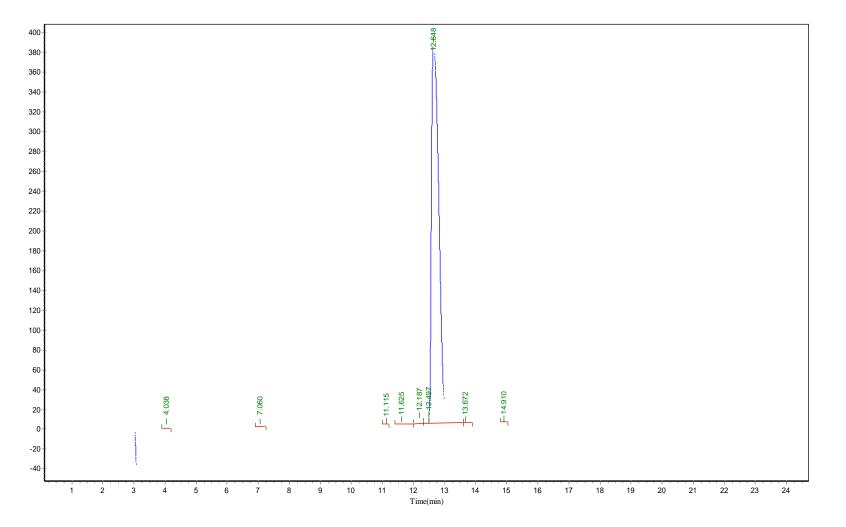
## **Supplementary Materials**

**Figure S1.** HPLC conditions for *Chlorella* 11-peptide are described. Column:  $4.6 \times 250$  mm, Venusil XBP-C18. An elution system consisted with two solvents: (a) 0.1% trifluoroacetic acid in 100% acetonitrile and (b) 0.1% trifluoroacetic acid in 100% water. A mixture of 18% solvent (a) and 82% solvent (b) was applied to the column with a flow rate of 1.0 mL/min. The retention time of the peptide appeared at 12.6 min with absorption monitored at 220 nm.



## Mar. Drugs 2013, 11

**Figure S2.** For the MS experiment using a Q-TOF mass spectrometer, typical source parameters were capillary voltages of 3 kV and cone voltages of 50 V, MS experiments were performed in the collision cell of the instrument and argon was used as a collision gas, a representative spectrum shows a signal of [*Chlorella*-11 peptide + H]<sup>+</sup> at m/z 1310 as depicted below.

