Supplementary Materials

Analysis of Oligopeptides from Pilose Antler Using Tandem Mass Tags Combined with Ultra-High-Performance Liquid Chromatography-Q-Orbitrap/Mass Spectrometry

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Figure S1

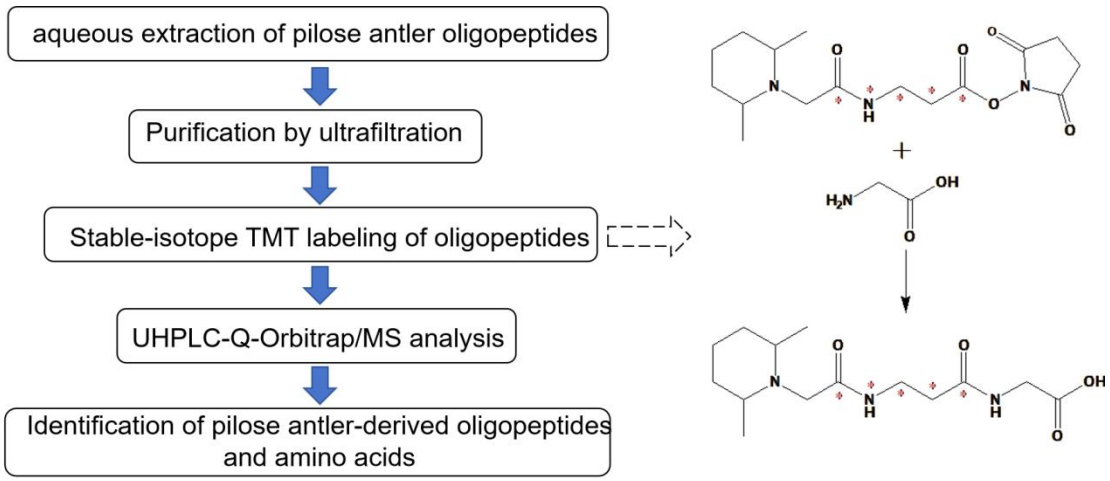


Figure S1. The workflow of this study and the TMT labeling reaction process

Figure S2

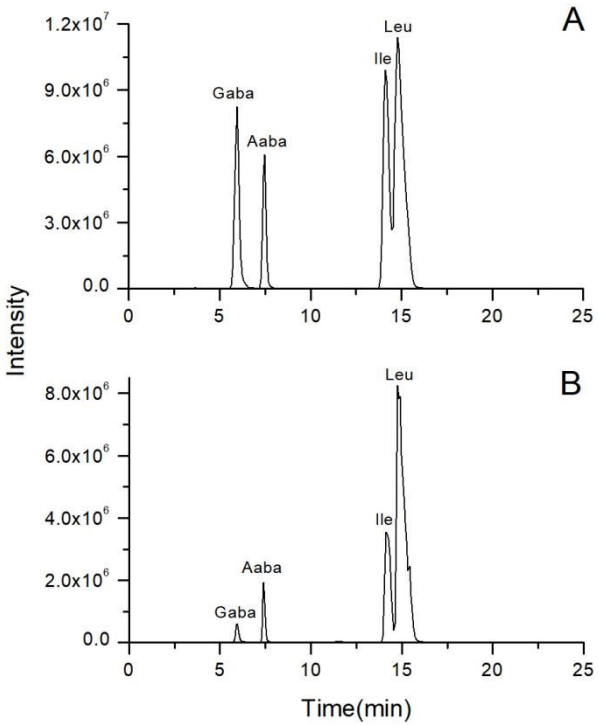


Figure S2. Extracted ion chromatograms of TMT labled amino acid standards (A) and pilose antler extracts (B).

Figure S3

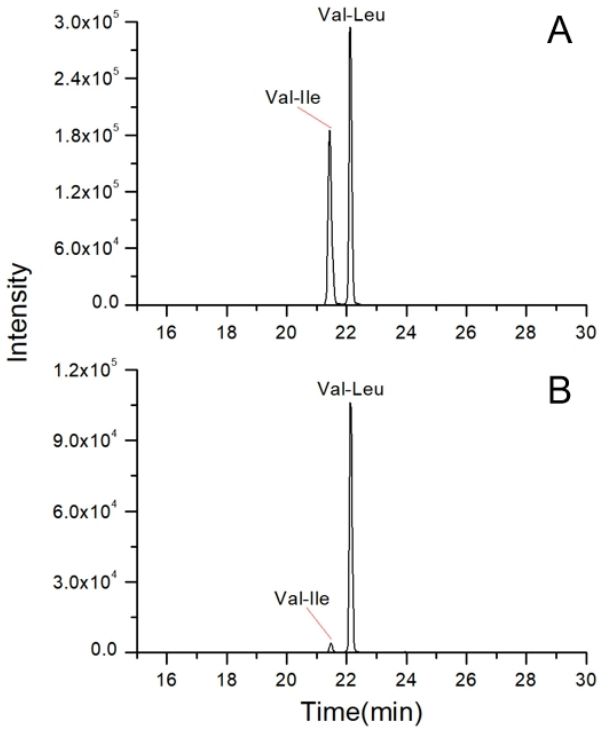


Figure S3. Extracted ion chromatograms of TMT labled oligopeptide standards (A) and pilose antler extracts (B).

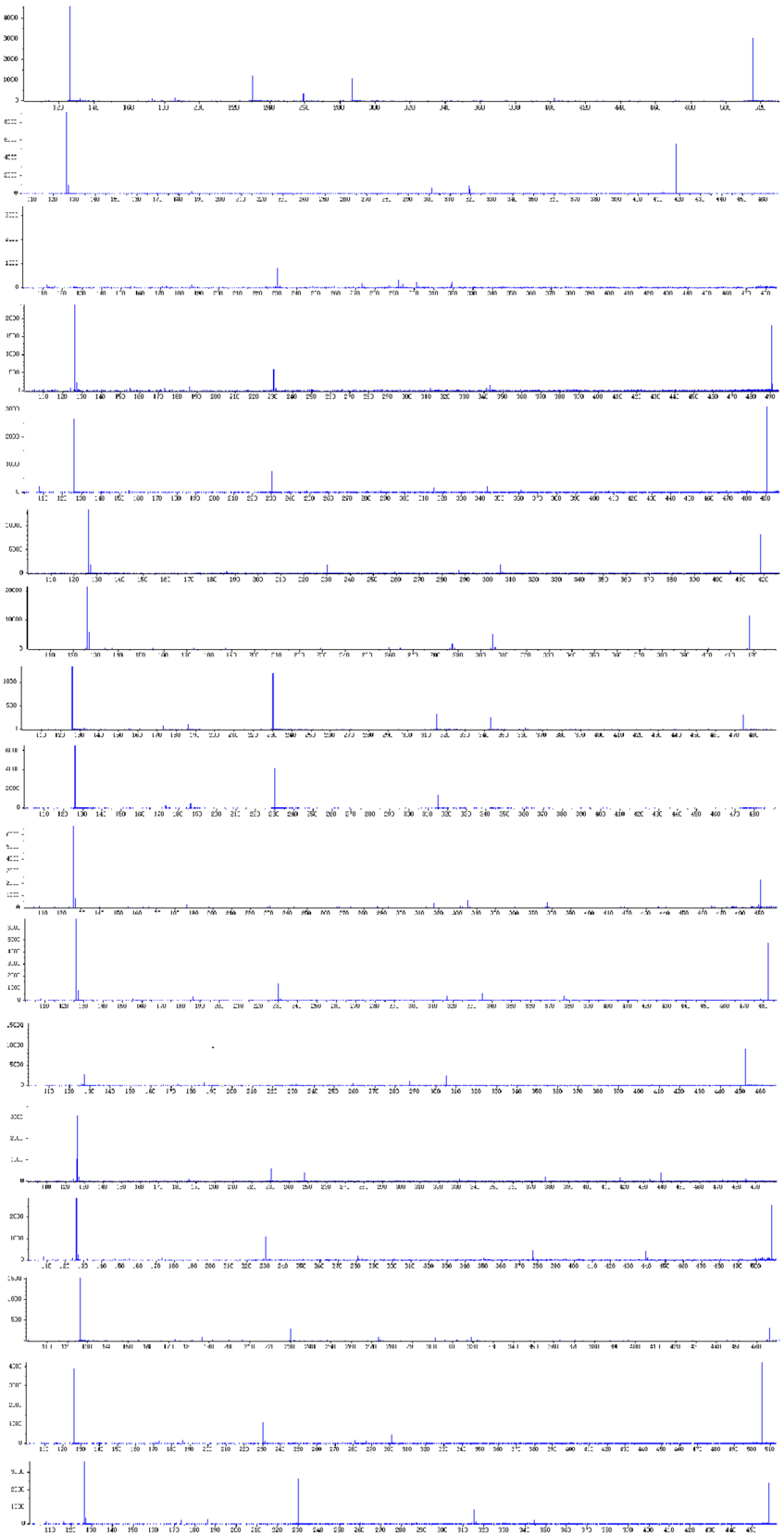


Figure S4. Tandem mass spectra of Oligopeptide No.1-17.

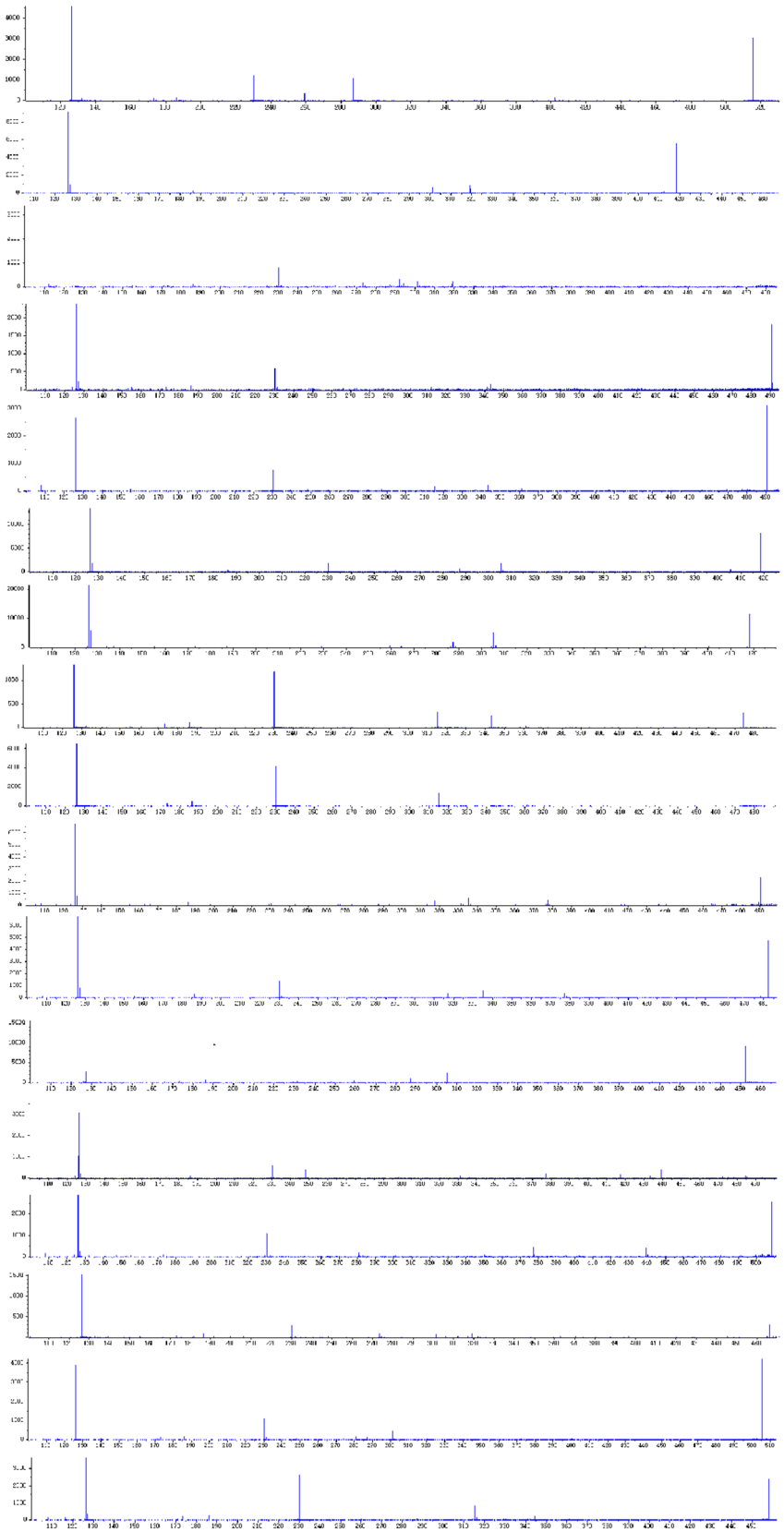


Figure S4. Tandem mass spectra of Oligopeptide No.18-33.

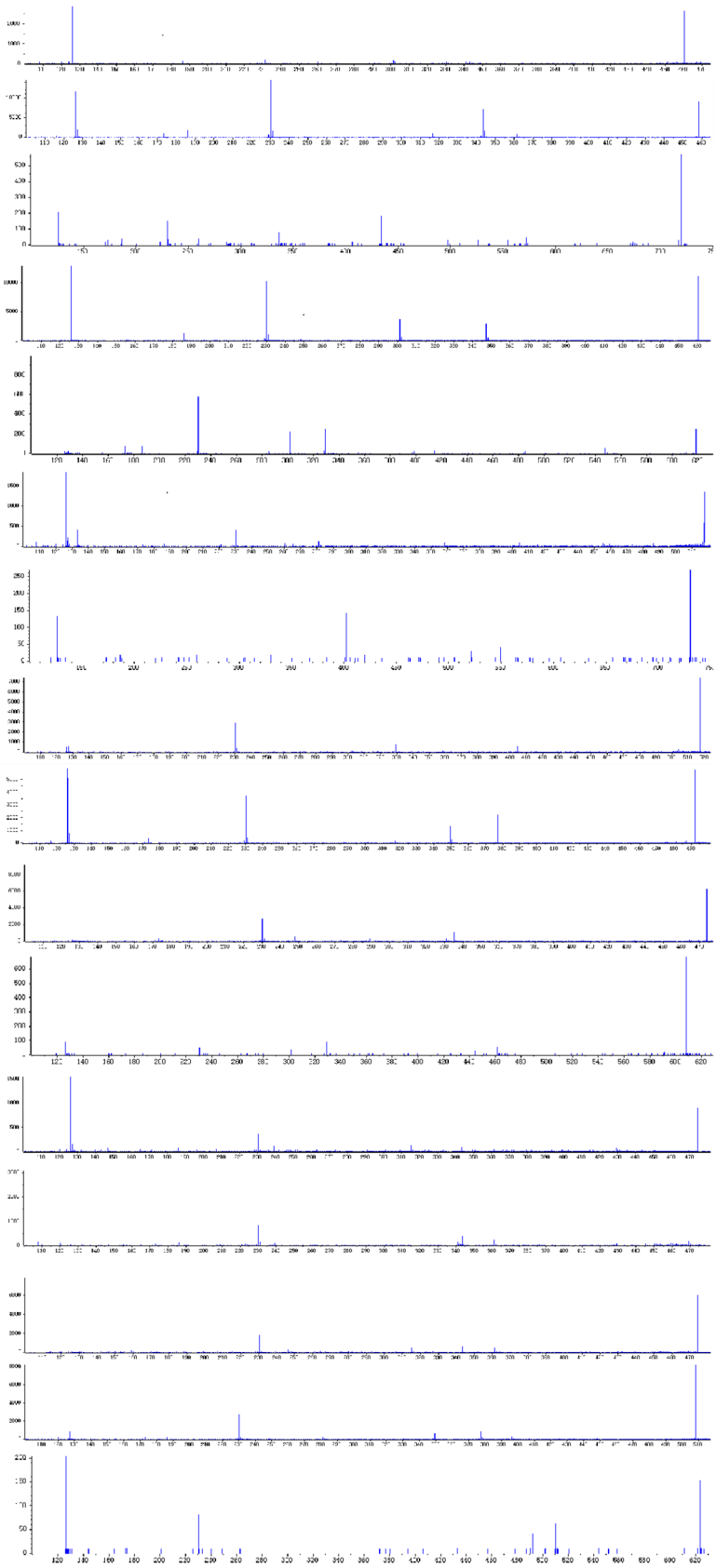


Table S1. Information of Pilose Antler Decoction Piece Samples

No.	Zoological origin	Manufacturer	Geographical origin	Batch No.
1	Cervus elaphus Linnaeus	Jilin Yatai Yong'antang Pharmaceutical Co., Ltd.	Jilin	201201Y
2	Cervus elaphus Linnaeus	Jilin Dongfeng Pharmaceutical Co., Ltd.	Jilin	20240101
3	Cervus elaphus Linnaeus	Jilin Aodong Traditional Chinese Medicine Decoction Pieces Co., Ltd.	Jilin	20200401