

Ultra-High-Performance Liquid Chromatography–Electrospray Ionization–High-Resolution Mass Spectrometry for Distinguishing the Origin of Ellagic Acid Extracts: Pomegranate Peels or Gallnuts

Jinchao Wei ^{1,2}, Renjian Xu ³, Yuanyuan Zhang ^{1,2}, Lingyu Zhao ^{1,2}, Shumu Li ¹ and Zhenwen Zhao ^{1,2,*}

- ¹ Beijing National Laboratory for Molecular Sciences, CAS Research/Education Center for Excellence in Molecular Sciences, Key Laboratory of Analytical Chemistry for Living Biosystems, Beijing Mass Spectrum Center, Institute of Chemistry, Chinese Academy of Sciences, Beijing 100190, China; weijinchao@iccas.ac.cn (J.W.); zhangyuanyuan@iccas.ac.cn (Y.Z.); zhaolingyu@iccas.ac.cn (L.Z.); lishumu@iccas.ac.cn (S.L.)
- ² Graduate School, University of Chinese Academy of Sciences, Beijing 100049, China
- ³ Anhui Deren Biotechnology Co., Ltd., Suzhou 234122, China; xrj.hbzy@163.com
- * Correspondence: zhenwenzhao@iccas.ac.cn

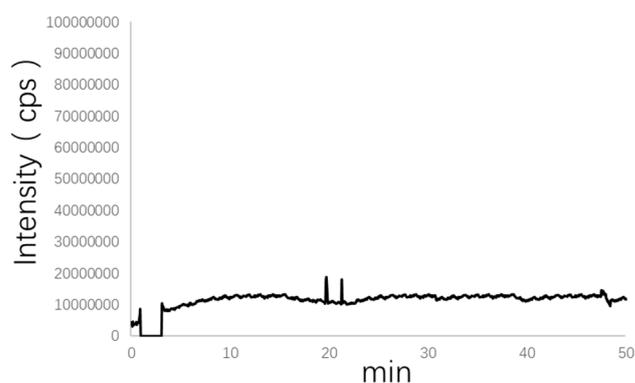


Figure S1. The total ion chromatograms of blank.

Table S1. The result when detecting 0.02 $\mu\text{g/mL}$ ginkgolic acid (C15:1) and anacardic acid.

	Ginkgolic acid (C15:1)				Anacardic acid			
	Intra day			Inter day	Intra day			Inter day
	Day 1	Day 2	Day 3		Day 1	Day 2	Day 3	
Mean	0.019	0.018	0.018	0.019	0.021	0.022	0.022	0.022
RSD	3.9	2.4	2.6	3.7	7.2	5.6	3.8	2.3
Error	-3.2	-8.1	-9.0	6.8	5.9	9.8	10.0	8.5