

Decomposition of Five Phenolic Compounds in High Temperature Water

Yan Cheng,^a Qingzhong Xu,^a Jing Liu,^a Changsheng Zhao,^a Fumin Xue^a and
Yuzhong Zhao^b*

^a*Shandong Analysis and Test Center, Shandong Academy of Sciences, 250014 Jinan, China*

^b*Shandong Academy of Medical Sciences, 250014 Jinan, China*

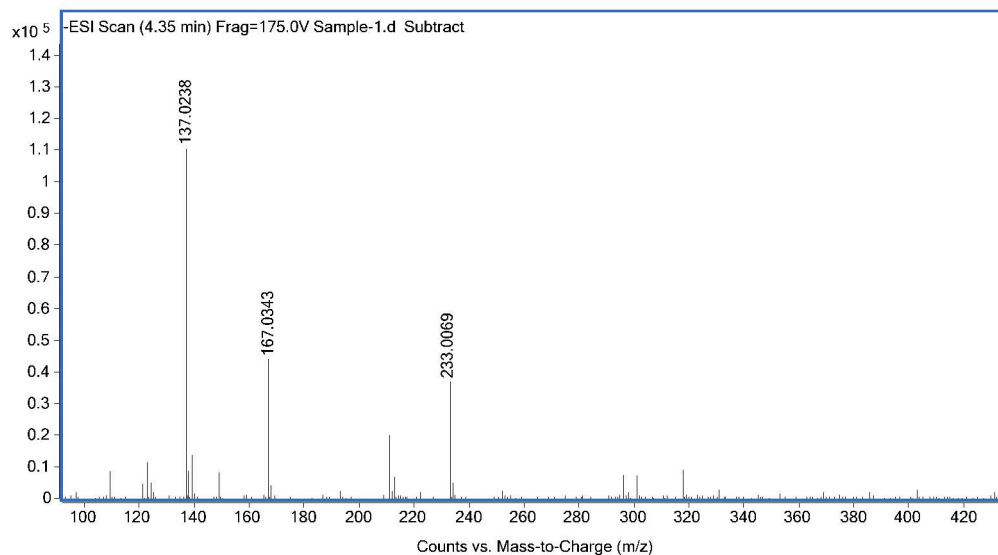


Figure S1. HPLC/MS of 4-ethylcatechol, the decomposition product of salviatic acid A (reaction conditions: 3.50 mL water, 350 °C, 40 min).

*e-mail: chengyan99@163.com

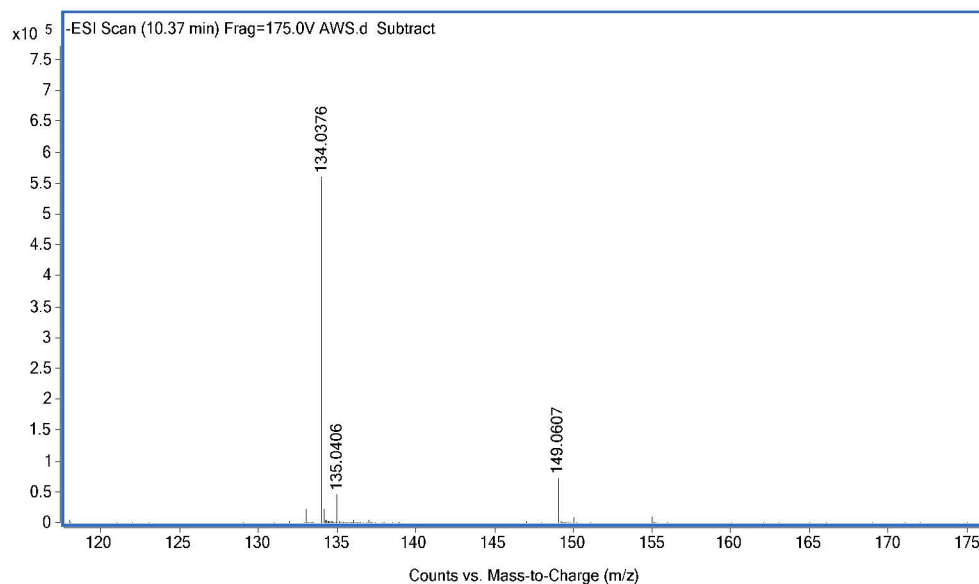


Figure S2. HPLC/MS of 2-methoxy-4-vinylphenol, the decomposition product of ferulaic acid (reaction conditions: 3.50 mL water, 300 °C, 40 min).

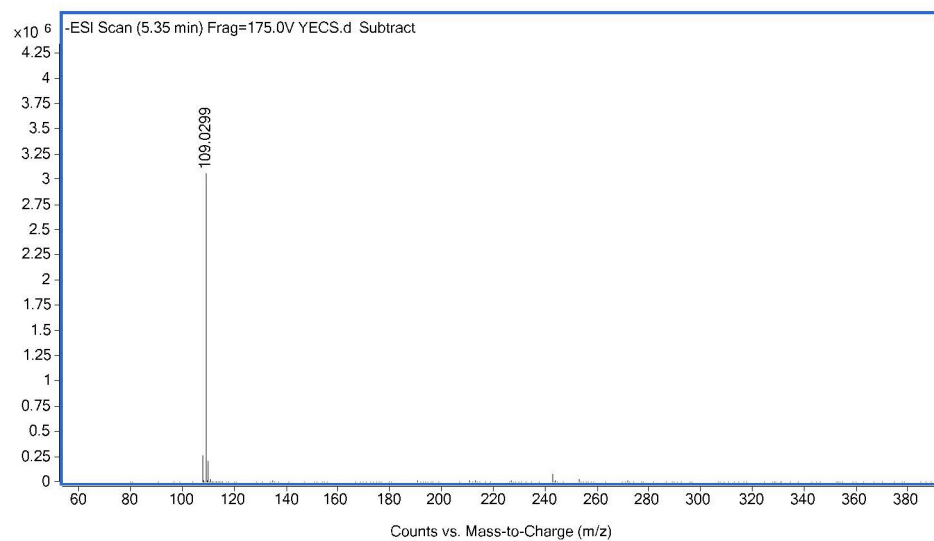


Figure S3. HPLC/MS of catechol, the decomposition product of protocatechuic acid (reaction conditions: 3.50 mL water, 300 °C, 40 min).