

Supplementary Materials:

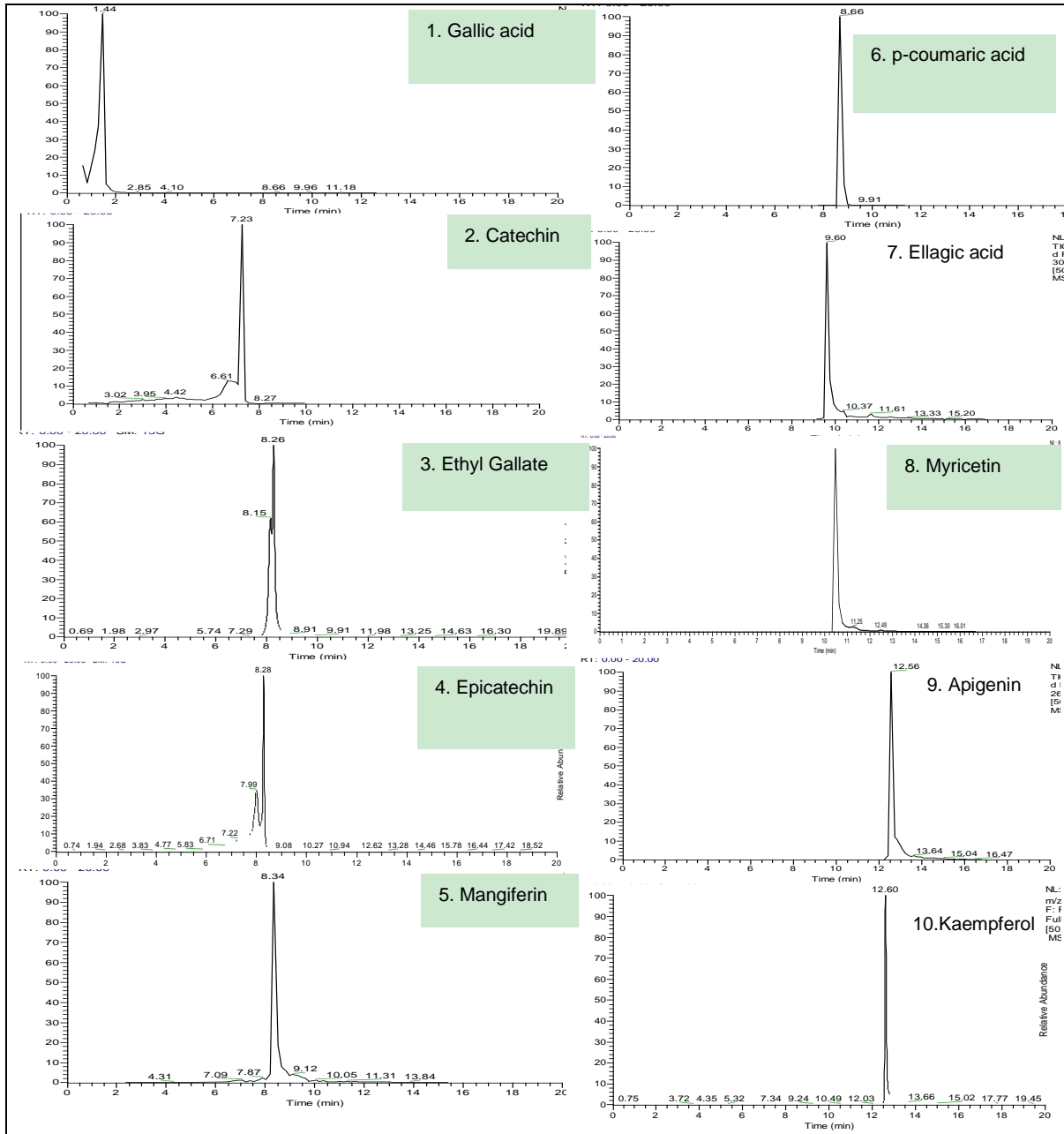
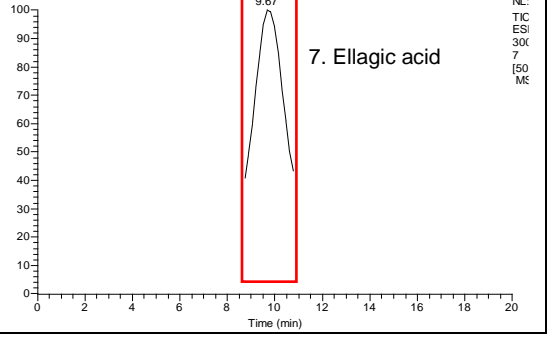
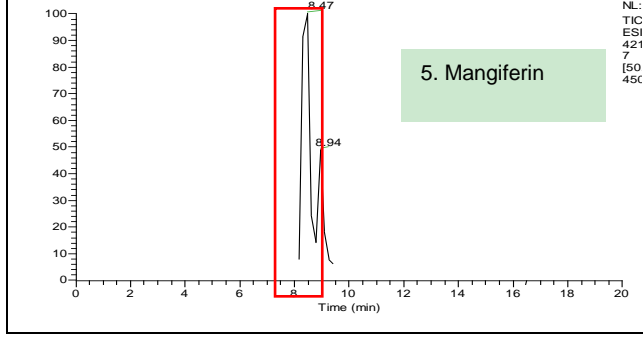
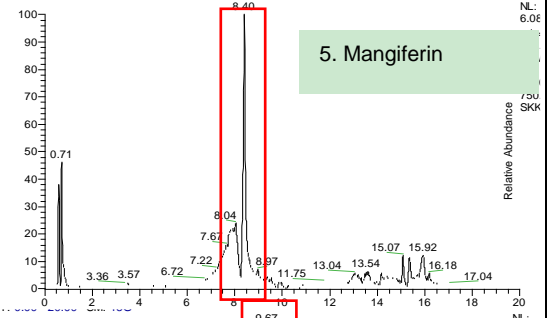
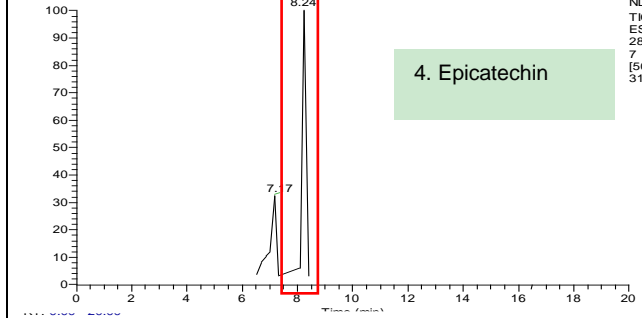
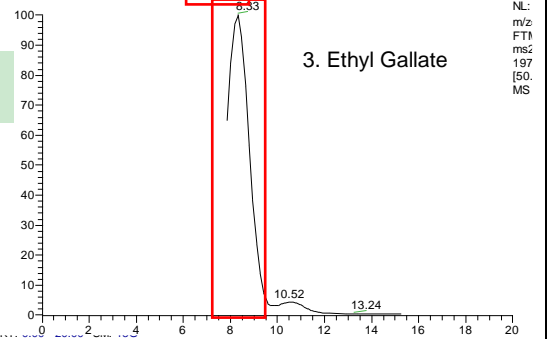
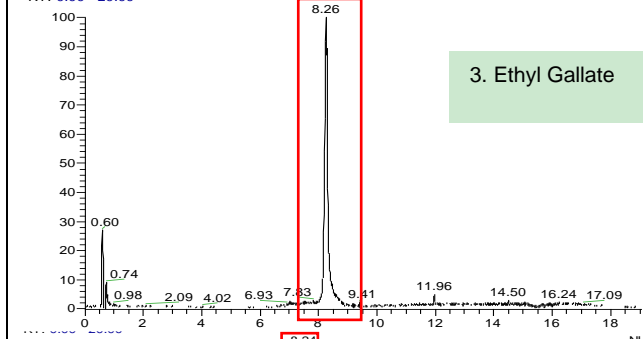
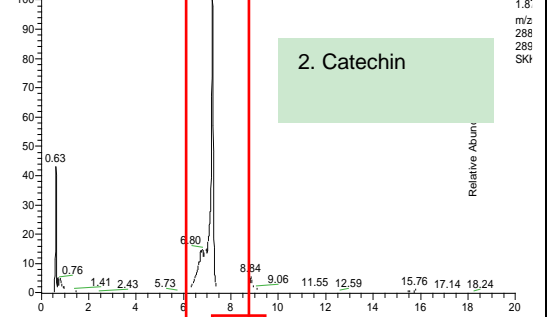
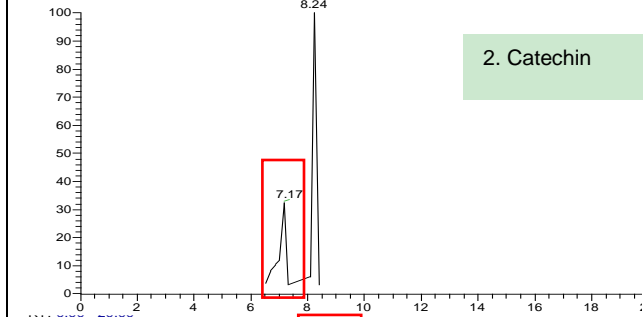
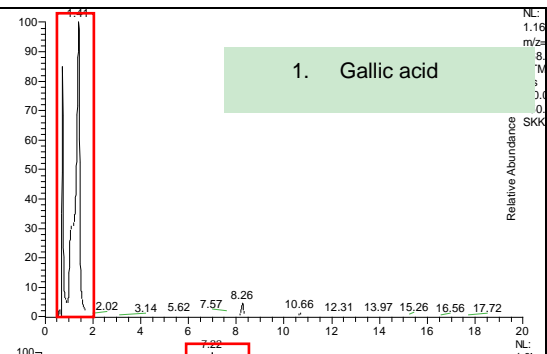
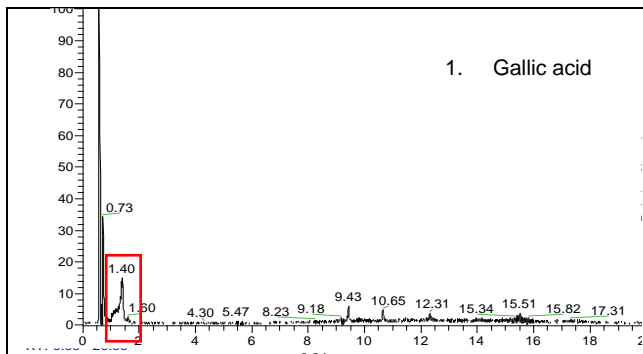


Figure S1. Standard chromatogram of polyphenols by LC-MS/MS



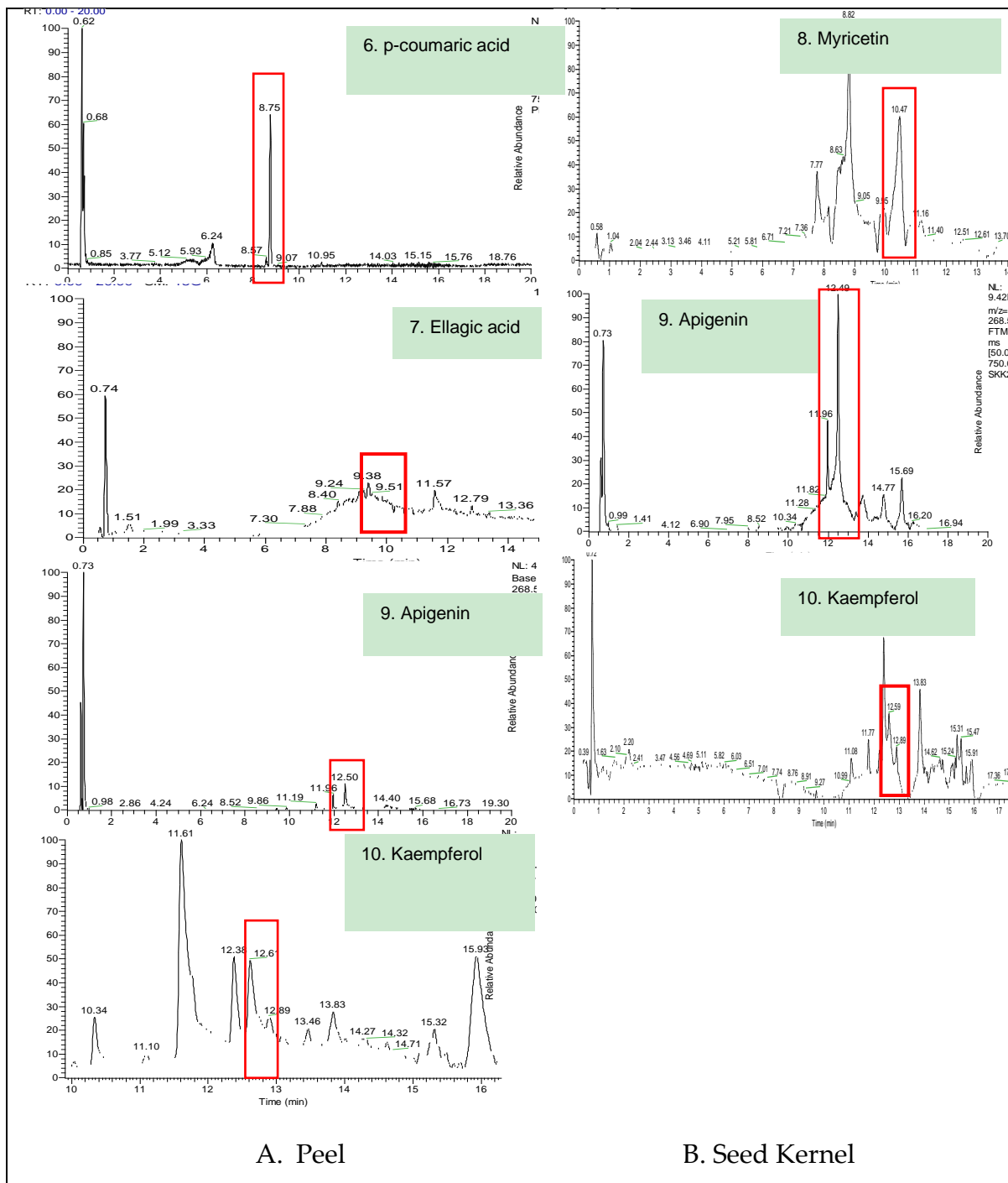
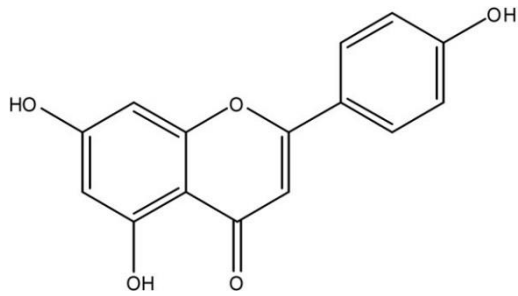
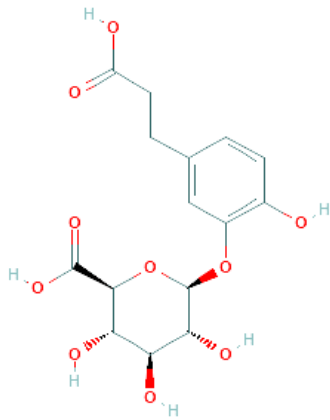


Figure S2. Sample (Peel (A) and Seed kernel (B)) chromatogram of single polyphenol detected by LC-MS/MS

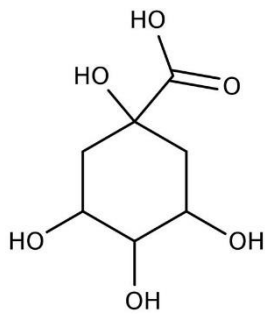
Apigenin



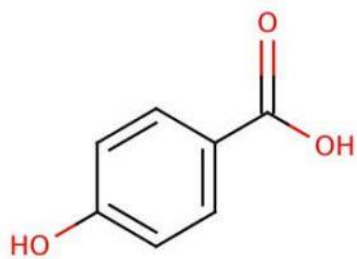
Dihydrocaffeic acid-3-O-glucuronide



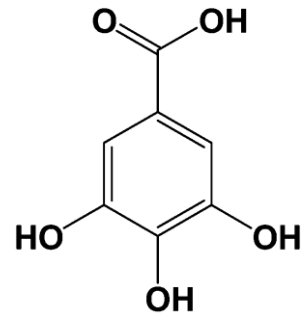
Quinic acid



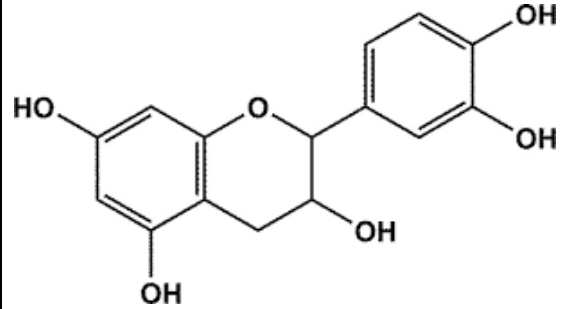
p-salicylic acid



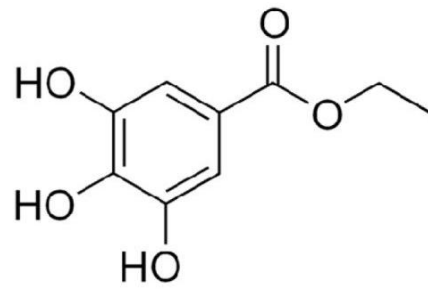
Gallic acid



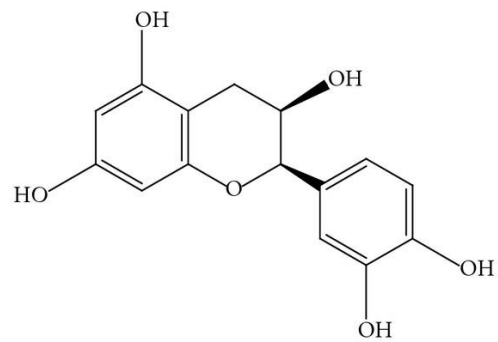
Catechin



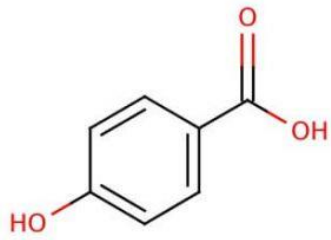
Ethyl gallate



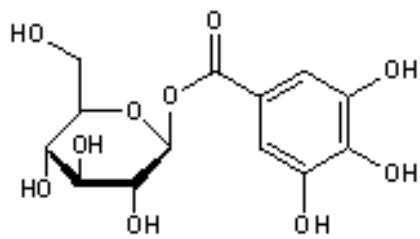
Epi-catechin



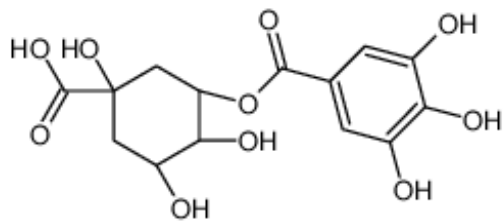
Dehydroascorbic acid



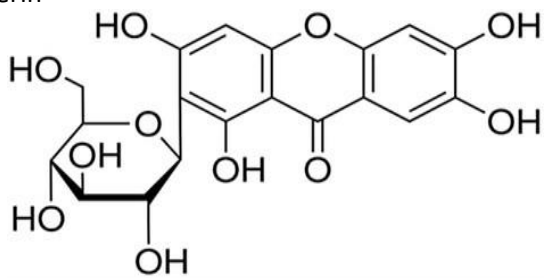
Beta- glucogallin



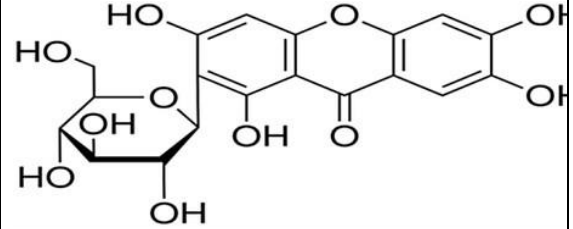
Theogallin



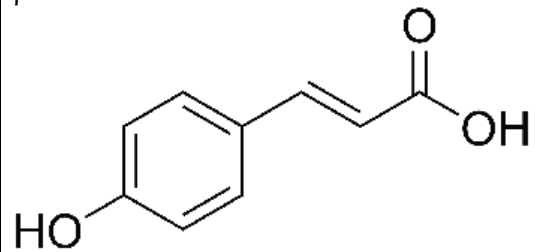
Mangiferin



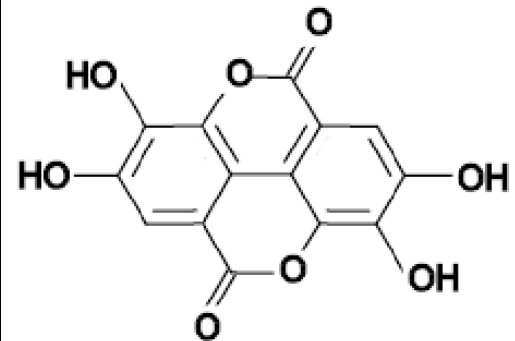
Mangiferin



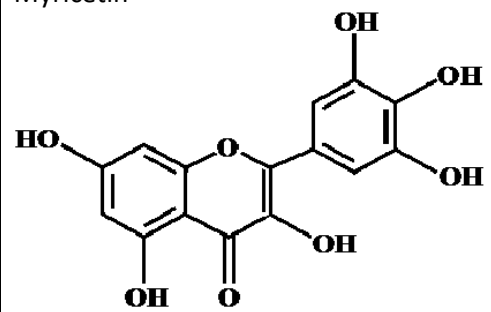
p-coumaric acid



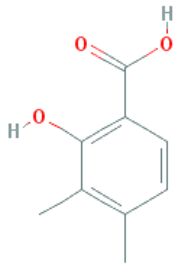
Ellagic acid



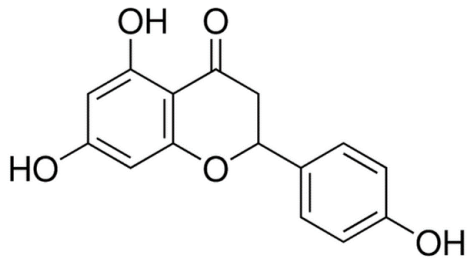
Myricetin



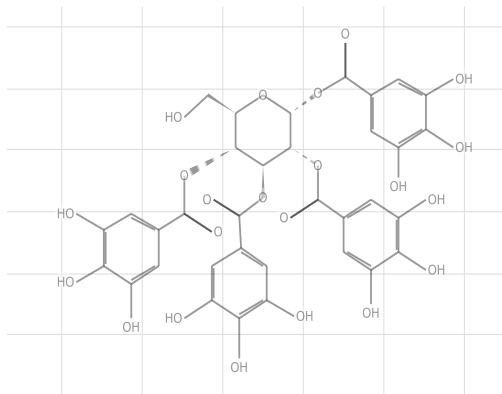
2-Hydroxy-3,4-dimethoxybenzoic acid



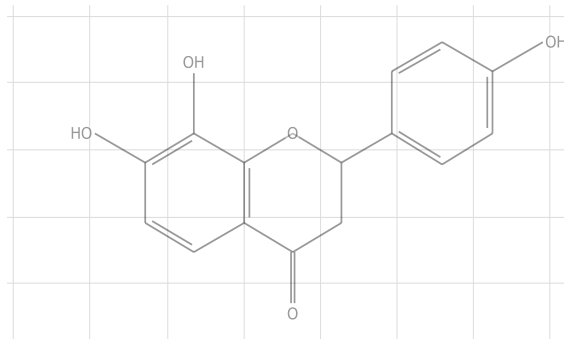
Naringenin



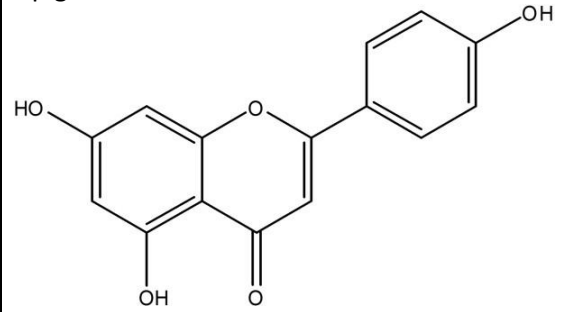
1,2,3,4-Tetragalloyl-alpha -D-glucose



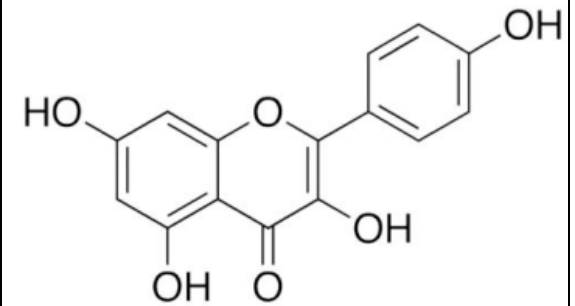
7,8,4'-trihydroxyflavanone



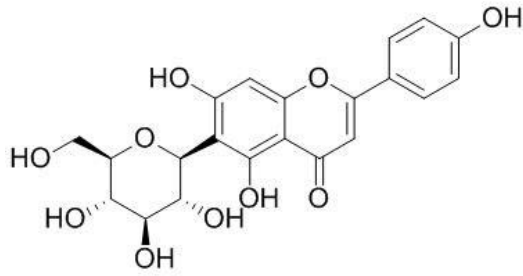
Apigenin



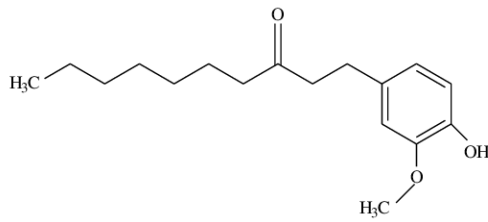
Kaempferol



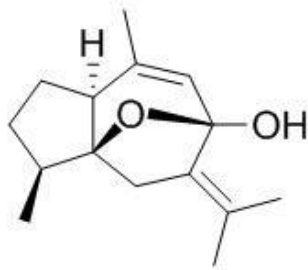
Isovitexin



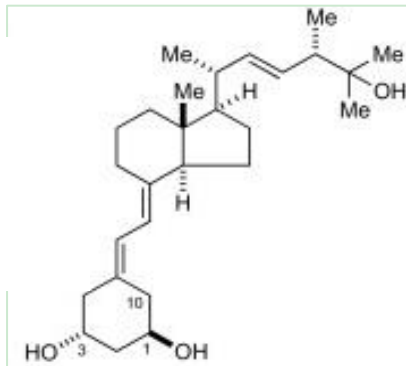
6-Paradol



Curcumenol



1a,25-dihydroxy-24-norvitamin D3



**Figure S3.** Molecular structure of compounds in the peel and seed kernel extract of *M. odorata* that were detected during screening using LC-MS (on the left), and identified using LC-ESI-Q-TOF-MS (on the right).