Supplementary Materials

Recovery of Natural HypoglycemicCompounds from Industrial Distillation Waste Water of Lamiaceae

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Table S1. Extracted Eigenvectors

	Coefficients of PC1	**Coefficients of PC2**
TPC	0.44325	-0.5198
DPPH	0.45409	-0.19437
ABTS	0.47578	0.13174
FRAP	0.38838	0.81162
RA	0.46918	-0.12626

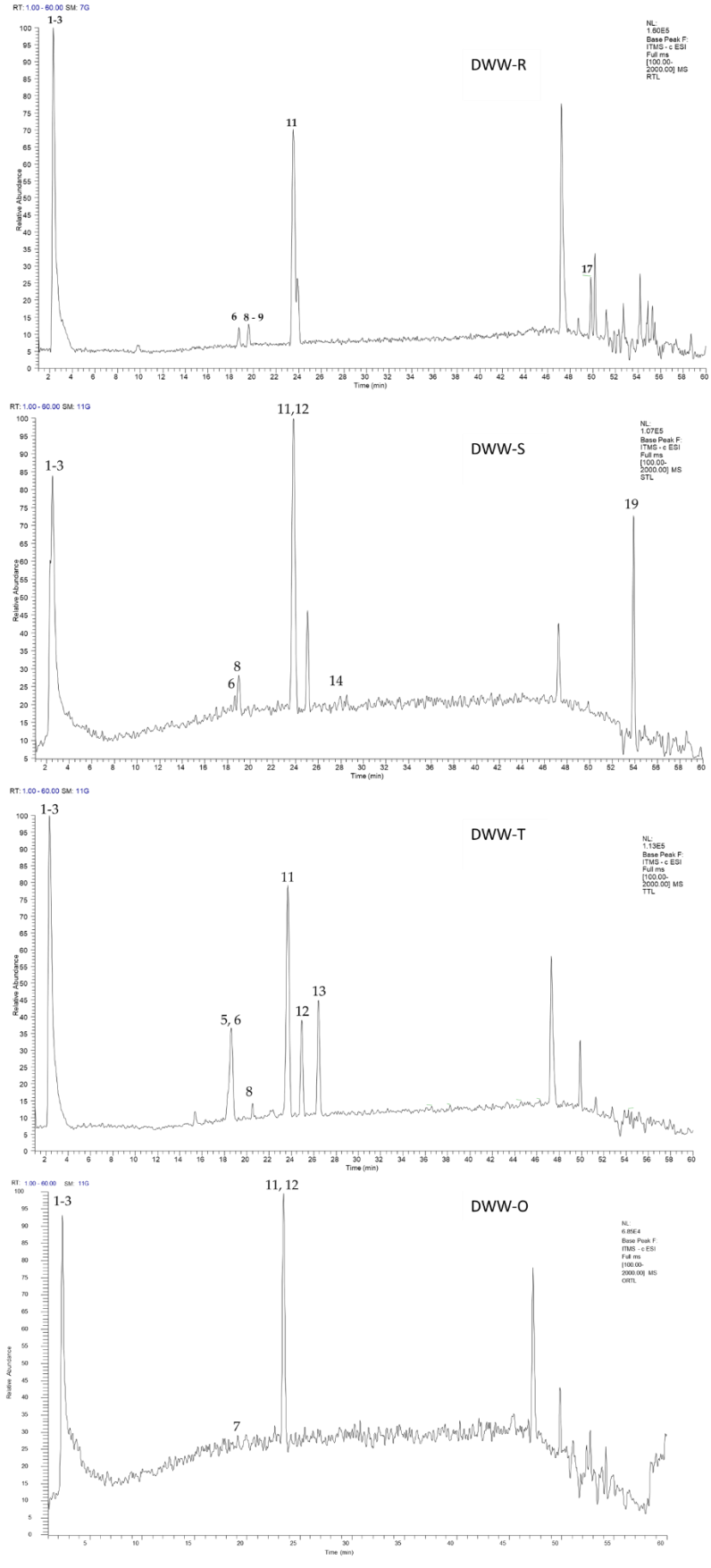


Figure S1. TIC chromatograms of DWWs of rosemary (DWW-R), sage (DWW-S), tyme (DWW-T) and oregano (DWW-O).

Table S2. Phytochemicals identified in the four Lamiaceae analysed

	Identification	rosemary			thyme			sage			oregano		
		DWW	AF	EF	DWW	AF	EF	DWW	AF	EF	DWW	AF	EF
1	isocitric acid	X	X	X	X	X	X	X	X	X	X	X	X
2	malic acid	-	-	-	X	-	X	X	-	X	X	-	X
3	caffeoyl glucose	X	X	X	X	X	X	X	X	X	X	X	-
4	yunnaneic acid F	X	X	X	-	-	-	-	-	-	-	-	-
5	quercetin-*O*-glucoside	-	-	-	X	-	X	-	-	-	-	-	-
6	luteolin-*O*-glucoside	-	-	-	X	-	X	X	-	X	-	-	-
7	4-(3,4-dihydroxylbenzoyl oxymethyl) phenyl -O-β-D-glucoside	-	-	-	-	-	-	-	-	-	X	X	X
8	luteolin-*O*-glucuronide	X	-	-	X	-	X	X	-	X	-	-	-
9	isorhamnetin-3-*O*-glucoside	X	-	X	-	-	-	-	-	-	-	-	-
10	salvianolic acid B/E	-	-	X	X	-	X	-	-	-	-	-	-
11	rosmarinic acid	X	-	X	X	-	X	X	-	X	X	-	X
12	sagerinic acid	-	-	X	X	-	X	X	-	X	X	-	X
13	lithospermic acid	-	-	-	X	-	X	-	-	-	-	-	-
14	salvianolic acid K	-	-	-	-	-	-	X	-	X	-	-	-
15	luteolin-3′-acetil-*O*-glucuronide	-	-	X	-	-	-	-	-	-	-	-	-
16	salvianolic acid A	-	-	X	-	-	-	-	-	-	-	-	-
17	carnosol	-	-	X	-	-	-	-	-	-	-	-	-
18	carnosic acid	-	-	X	-	-	-	-	-	-	-	-	-
19	5,6,7,10-tetrahydro-7-hydroxy rosmariquinone derivative	-	-	-	-	-	-	X	-	X	-	-	-

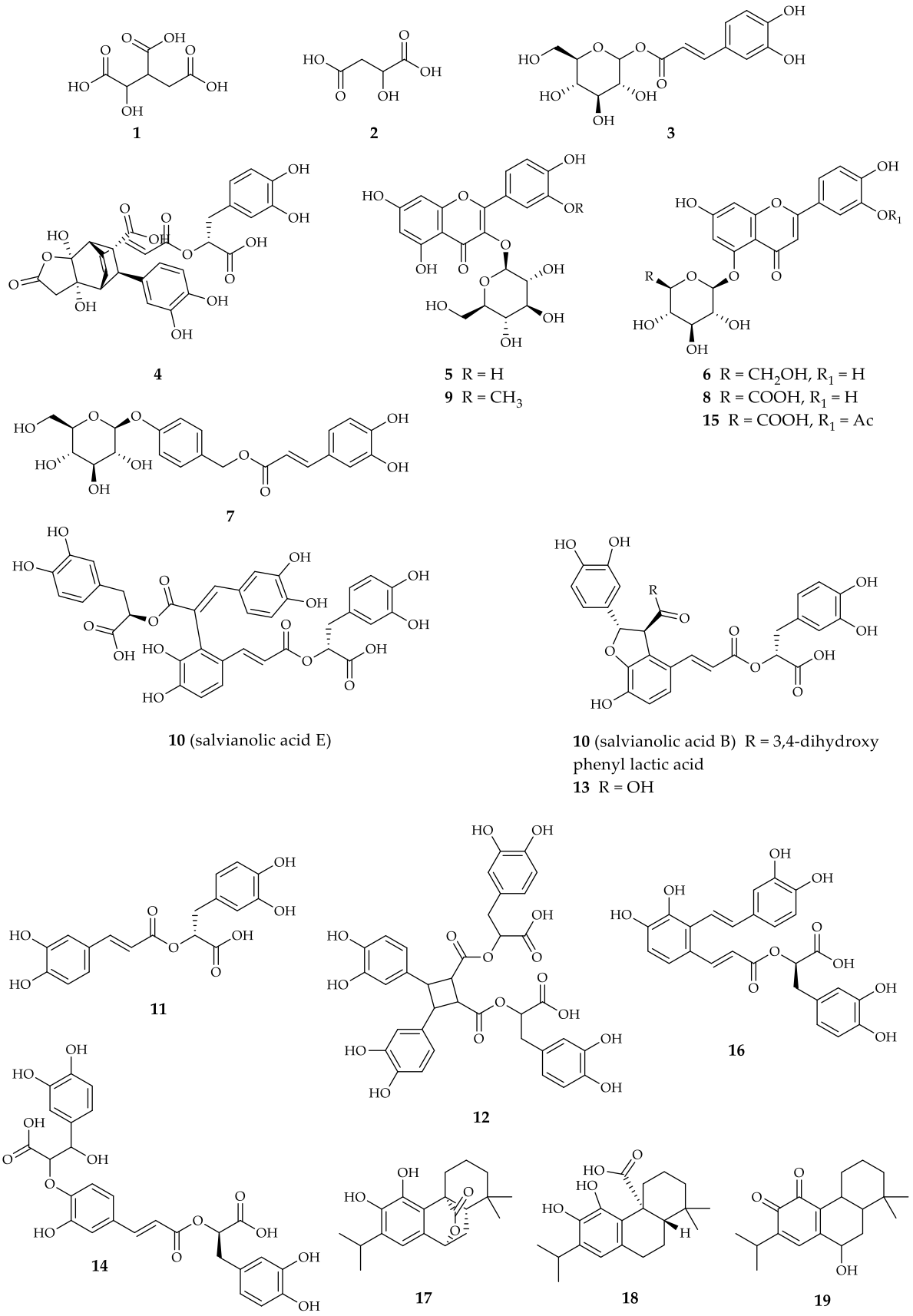


Figure S2. Chemical structures of identified compounds.

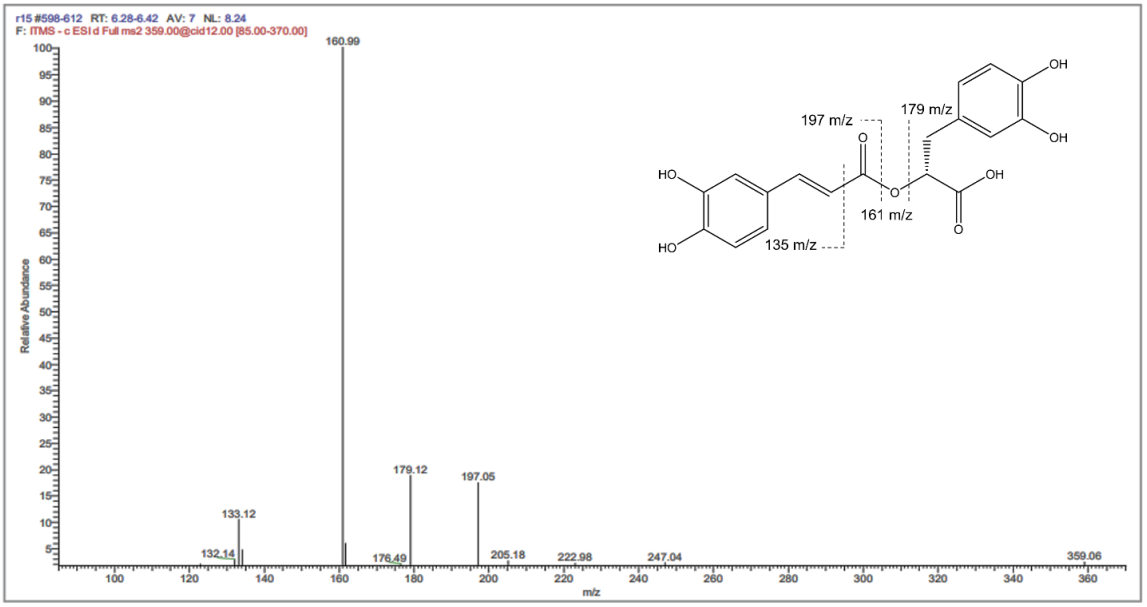


Figure S3. MS/MS spectrum of rosmarinic acid (**11**).

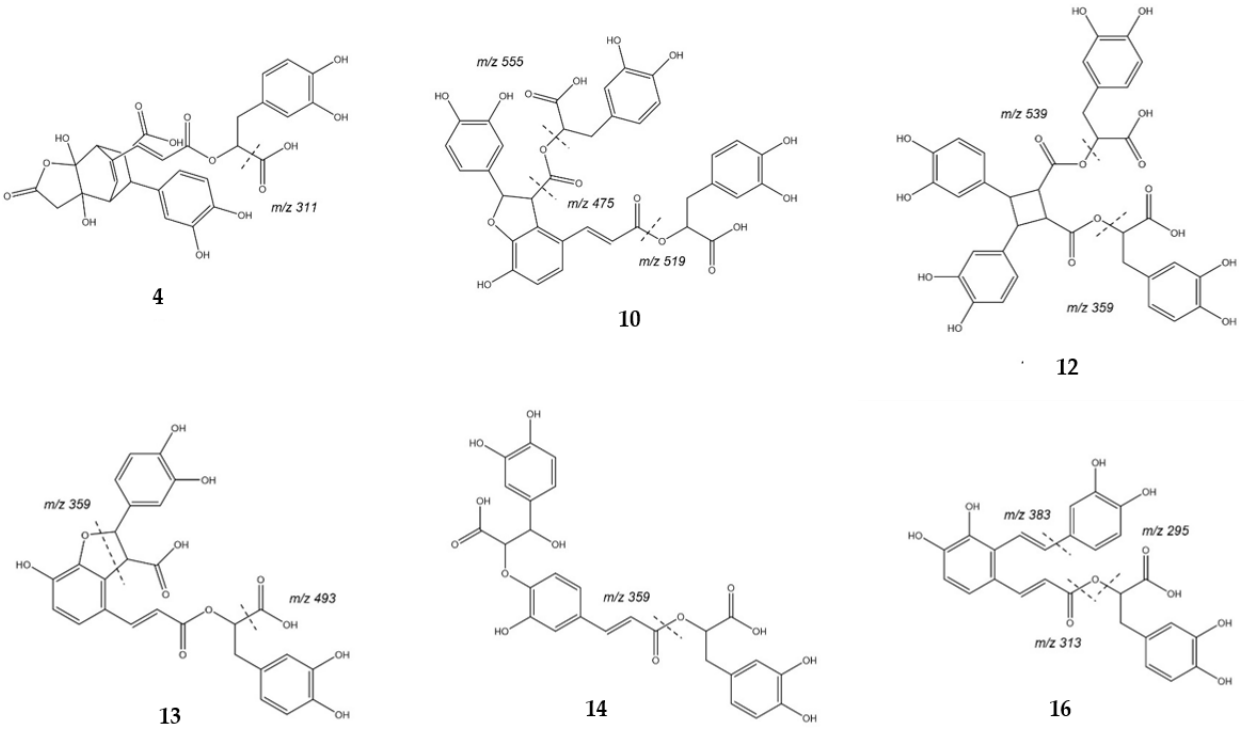


Figure S4. Fragmentation pathway of caffeic acid derivatives.

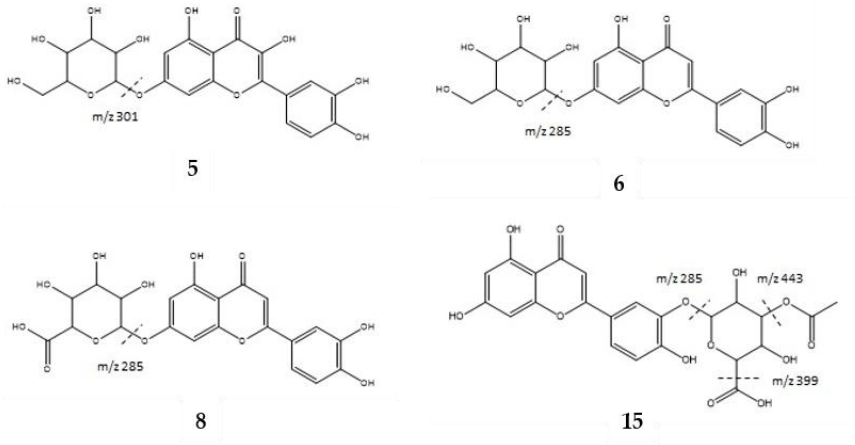


Figure S5. Fragmentation pathway of flavonoid glycosides.