

SUPPLEMENTAL TABLE AND FIGURES

Table S1: Minimum Inhibitory Concentration and Minimum Bactericidal Concentration (MBC) of *Quercus* ethanolic leaf extracts against *Staphylococcus aureus* (ATCC 6538).

Quercus Species	MIC	MBC
<i>Quercus alnifolia</i> Poech	0.3125 mg/mL	1.25 mg/mL
<i>Quercus</i> × <i>campitica</i> Hadjik. & Hand (hybrid <i>Q. alnifolia</i> × <i>Q. coccifera</i>)	0.3125 mg/mL	2.5 mg/mL
<i>Quercus coccifera</i> var. <i>calliprinos</i> (Webb) Boiss.	1.25 mg/mL	>2.5 mg/mL
<i>Quercus infectoria</i> subsp. <i>veneris</i> (A.Kern.) Meikle	1.25 mg/mL	>2.5 mg/mL
Gentamicin	0.02 mg/mL	0.02 mg/mL

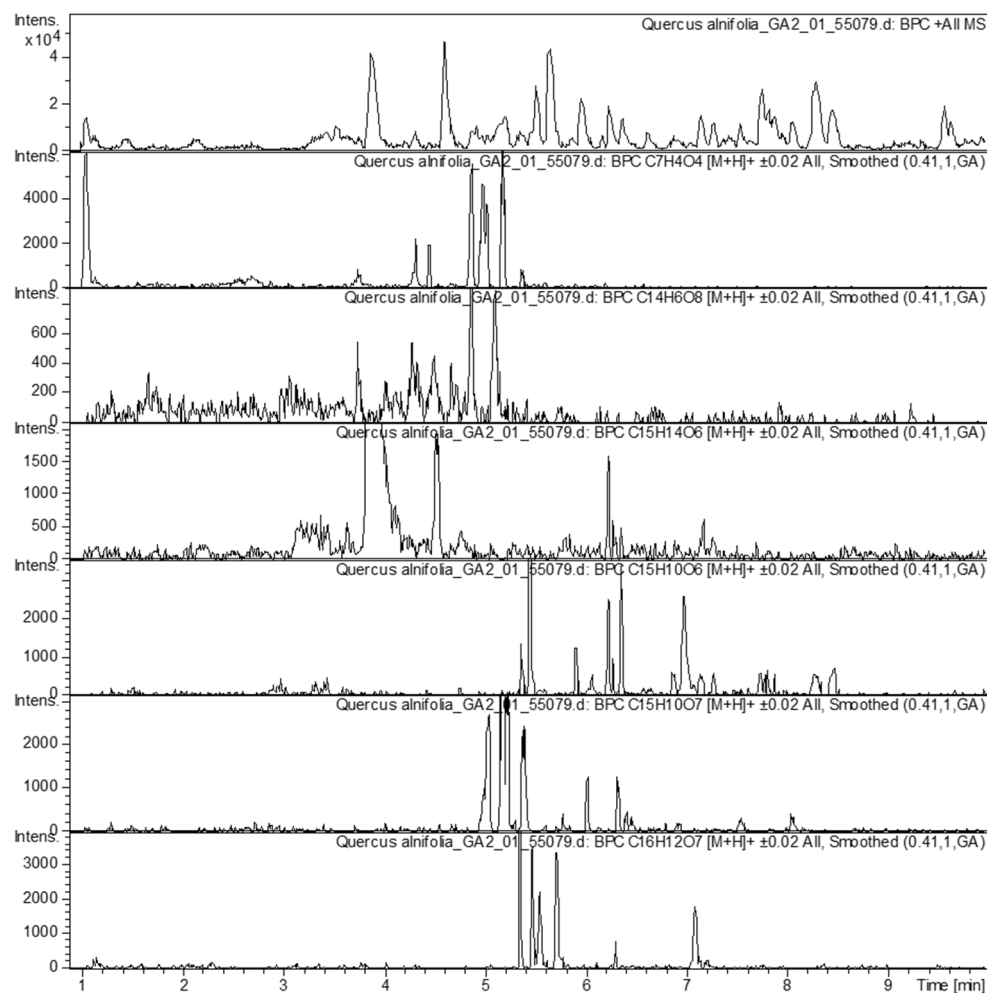


Figure S1. +ESI-LCMS of ethanolic leaf extract from *Quercus alnifolia*. Chromatogram in the top panel is an overview base peak chromatogram over the whole mass range (m/z 50–1500). The chromatograms above are indicative for compound classes expected from *Quercus* spp. From top to bottom: gallotannins, ellagitannins, (epi)catechin and procyanidins, kaempferol glycosides, quercetin glycosides, isorhamnetin glycosides.

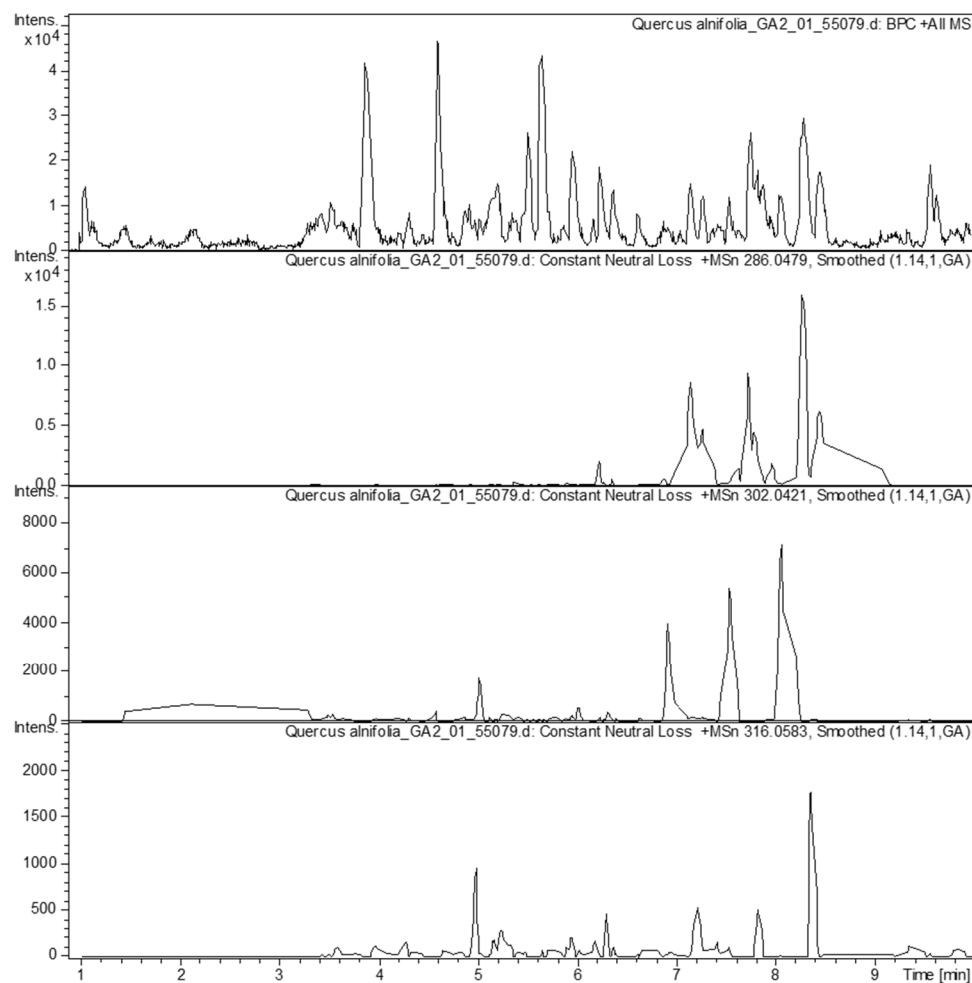


Figure S2. +ESI-LCMS of ethanolic leaf extract from *Quercus alnifolia*. Chromatogram in the top panel is an overview base peak chromatogram over the whole mass range (m/z 50–1500). The chromatograms above are constant neutral loss chromatograms indicative for (from top to bottom) kaempferol, quercetin, and isorhamnetin hexosides with acylated sugar part.

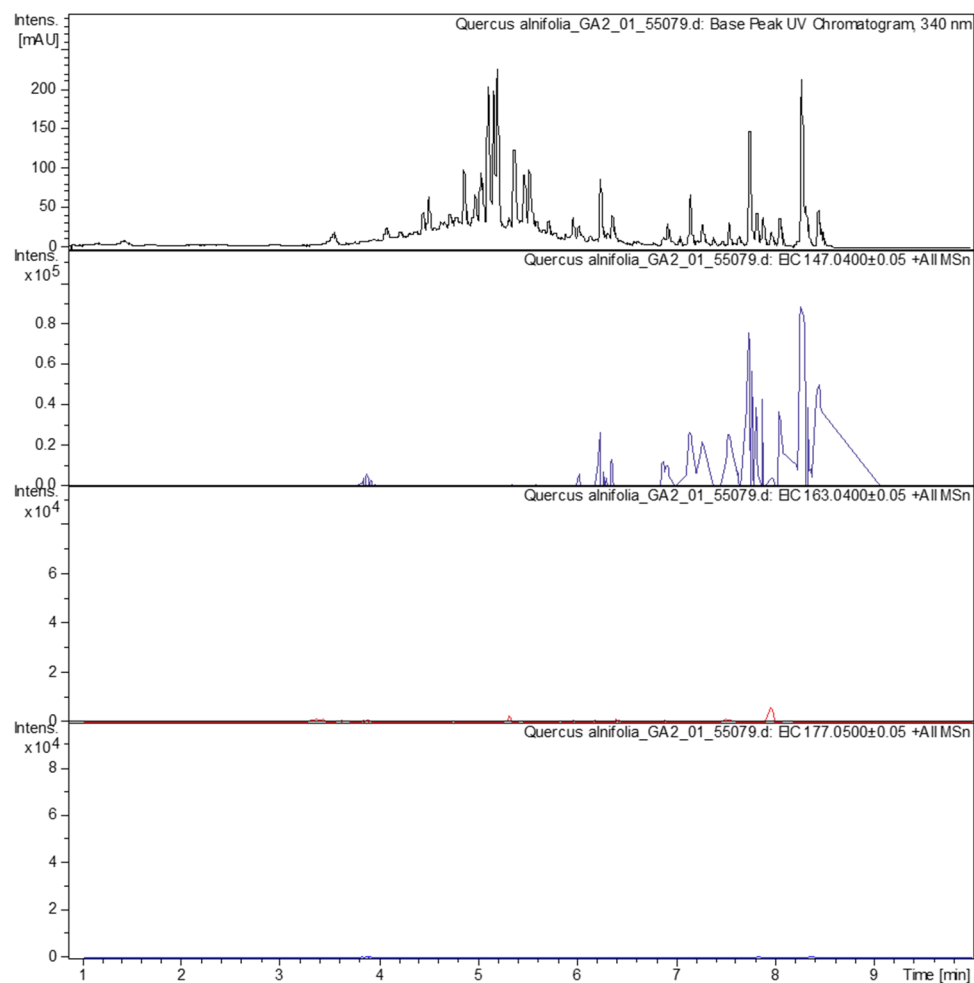


Figure S3. +ESI-LCMS of ethanolic leaf extract from *Quercus alnifolia*. Chromatogram in the top panel is a UV-chromatogram at 340 nm, showing flavonol derivatives and ellagitannins. Panels above, all scaled to the same intensity, show extracted ion chromatograms on the MS/MS-level indicative for (from top to bottom) coumaric acid, caffeic acid, and ferulic acid.