

Quercetin 3-O-glucuronide from Aglianico vine leaves: a selective sustainable recovery and accumulation monitoring

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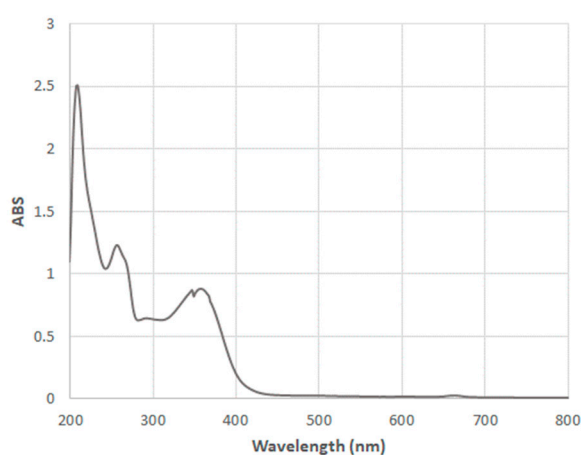


Figure S1. Representative UV-Vis spectrum of SPE fractions eluted with EtOAc.

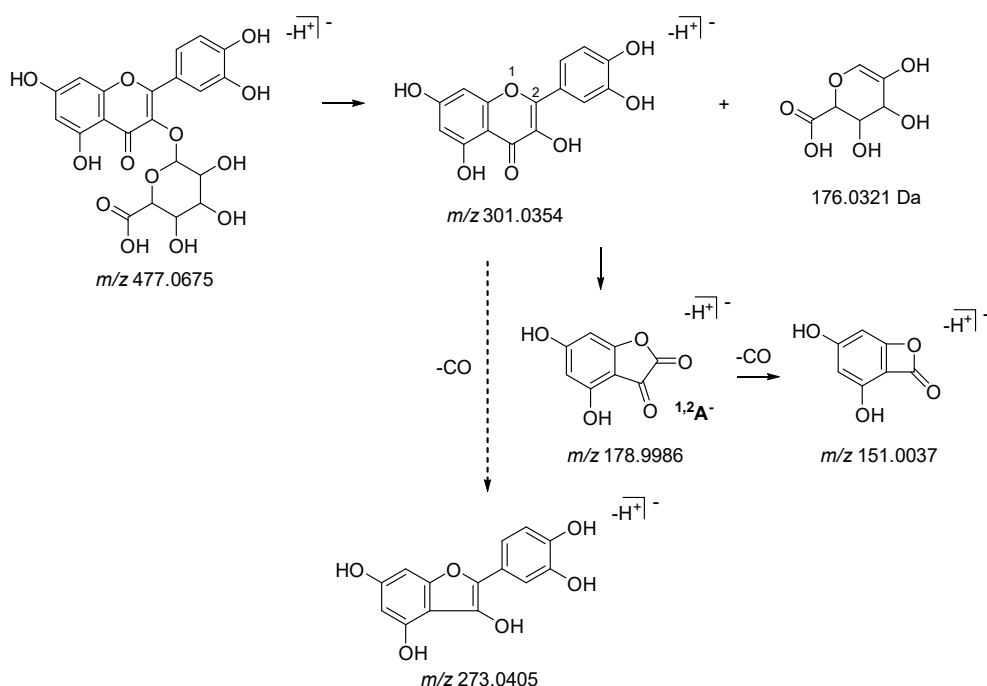


Figure S2. The fragmentation pathway proposed for quercetin 3-O-glucuronide (theoretical m/z values are reported below each structure).

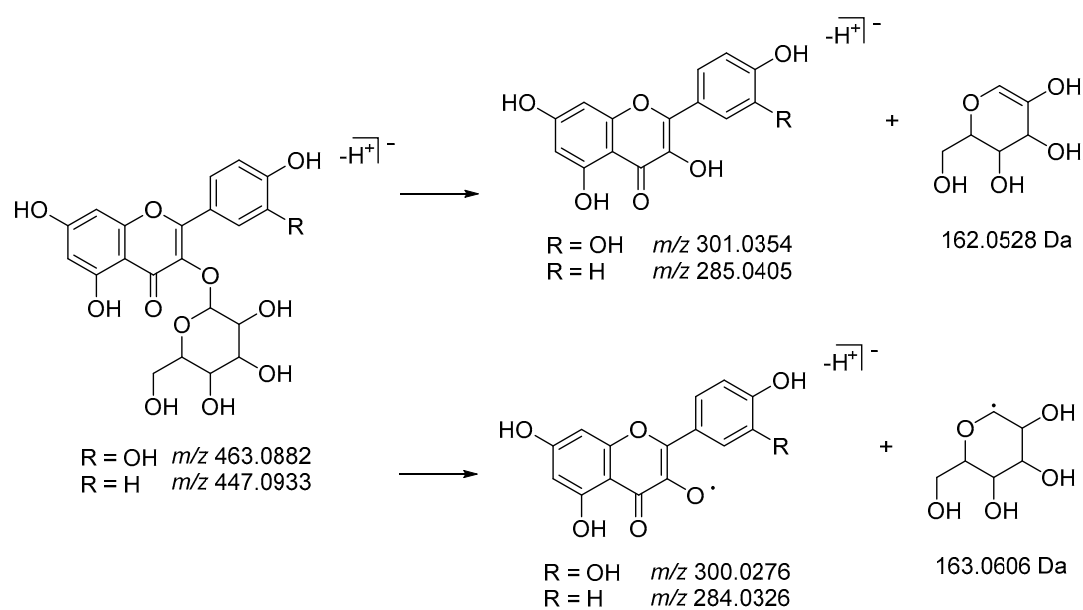


Figure S3. The formation of aglycone ions and the corresponding radical anions observed for hexosyl derivatives of quercetin and kaempferol.

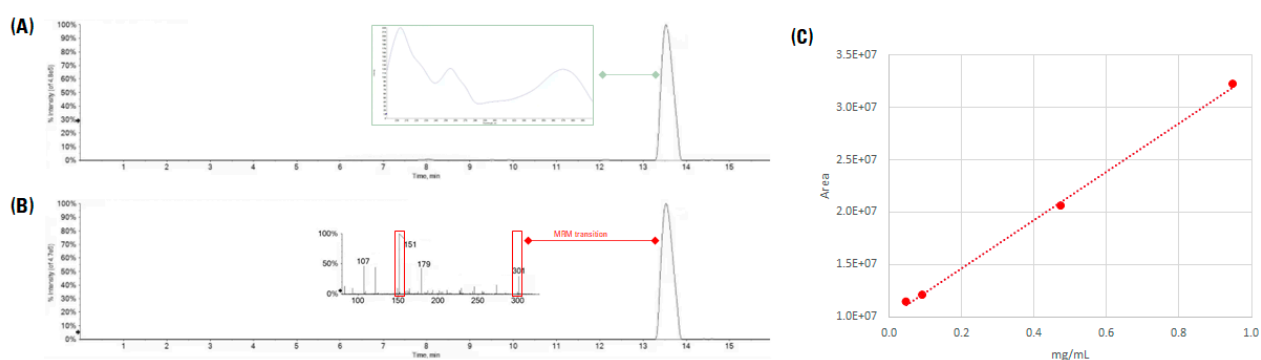


Figure S4. (A) HPLC-UV/DAD chromatogram and UV-DAD spectrum related to quercetin; (B) HPLC-MS chromatogram acquired in MRM mode, choosing the most favorable transition (m/z 301 \rightarrow 151) based on the MS/MS spectrum; (C) quercetin calibration curve.