Supplementary Information

Integrative Approach Based on HPLC-DAD-MS/MS and NMR for Determination of Ellagic Derivatives from *Bertholletia excelsa* Bark Biomass Residues

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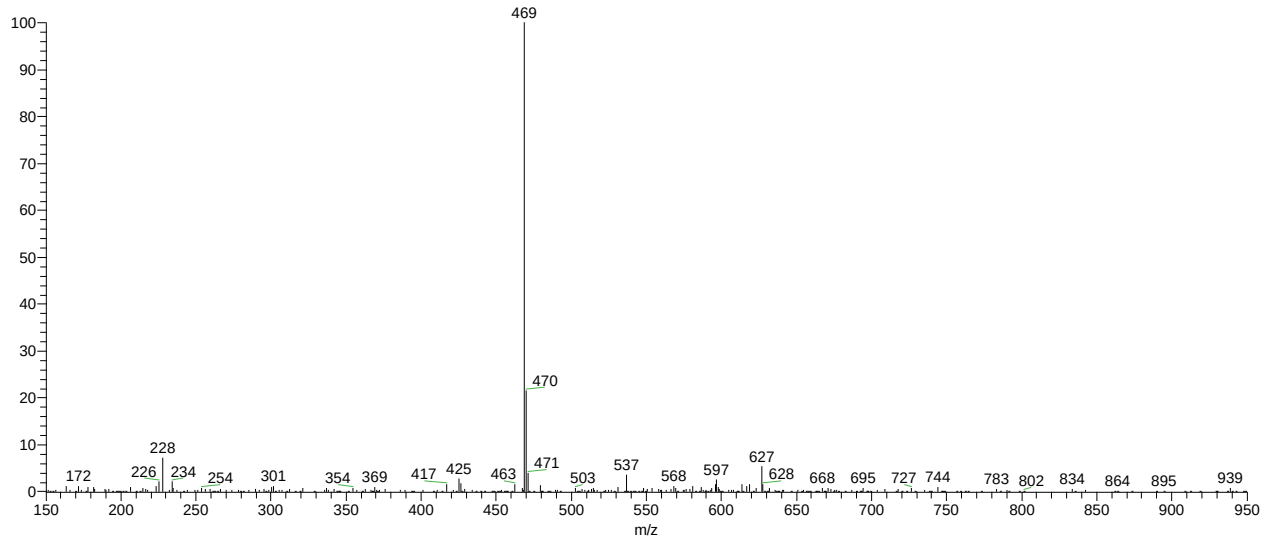

Figure S1. Mass spectrum of the compound **1**.

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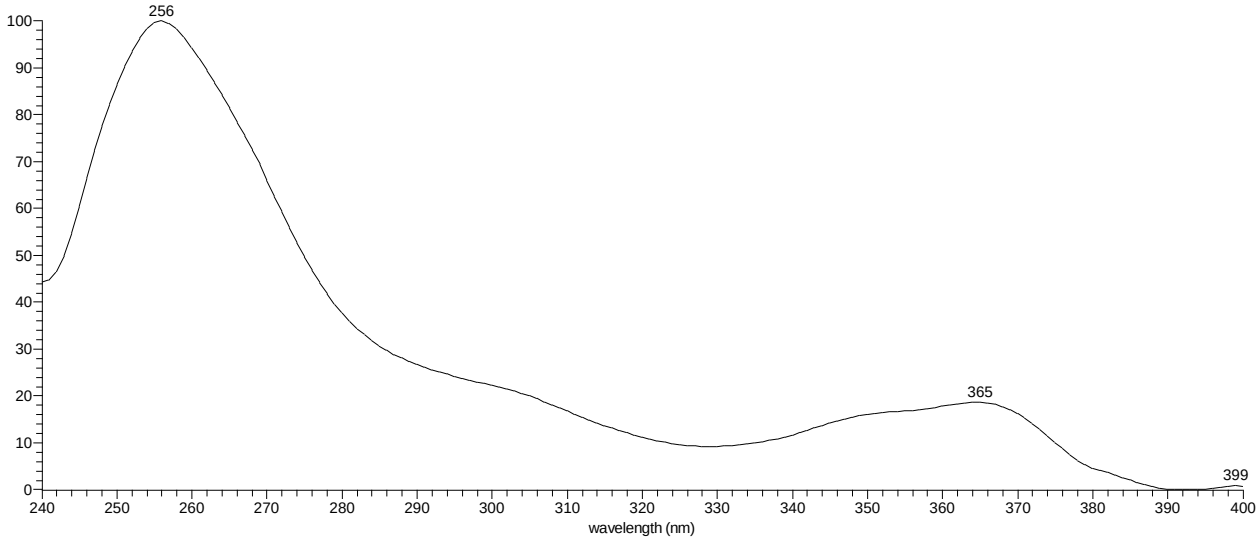

Figure S2. DAD spectra of the compound **1**.

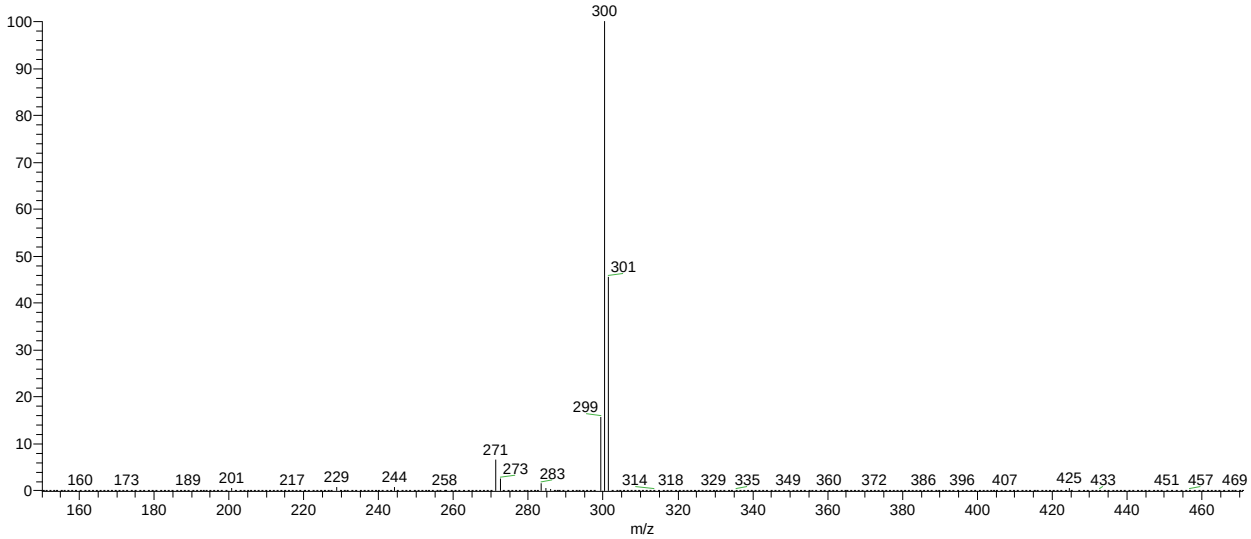

Figure S3. MS^2 spectrum of the ion at *m/z* 469 (compound **1**).

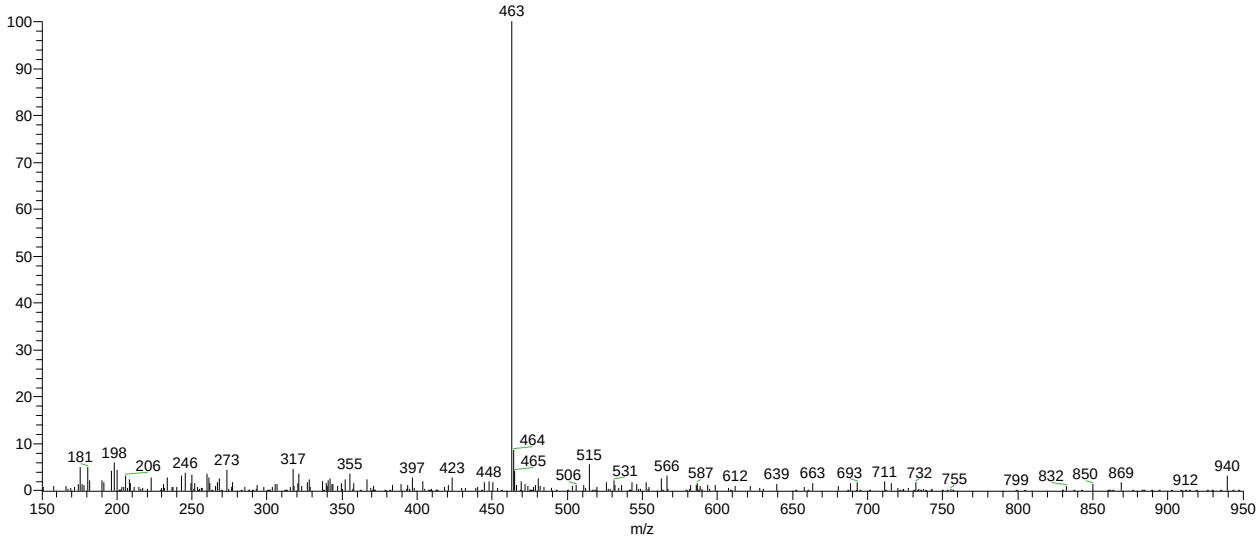

Figure S4. Mass spectrum of the compound **2**.

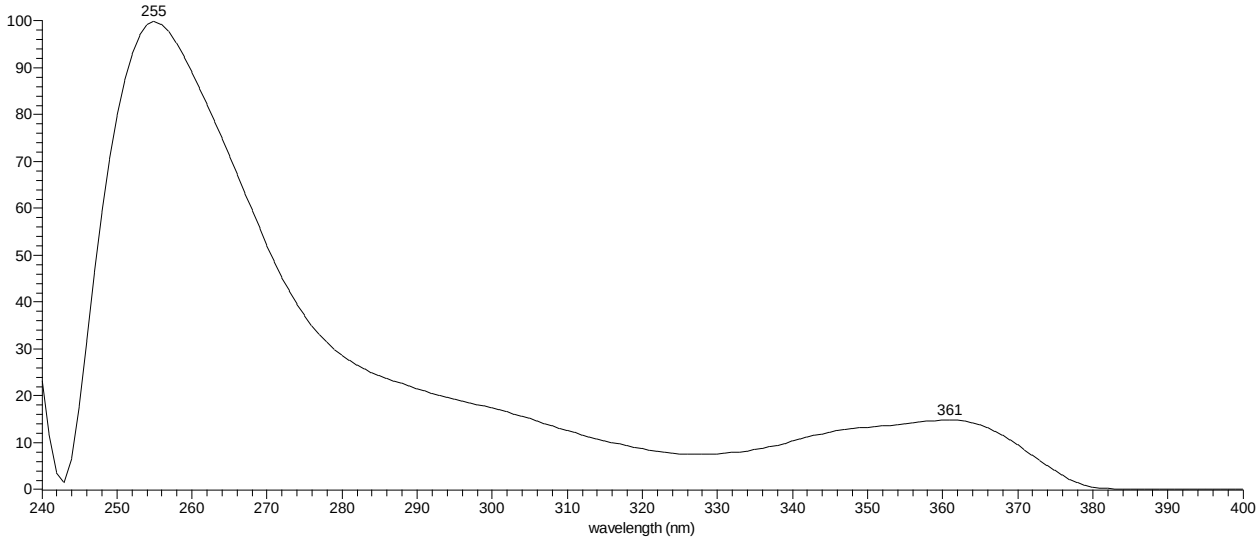

Figure S5. DAD spectra of the compound **2**.

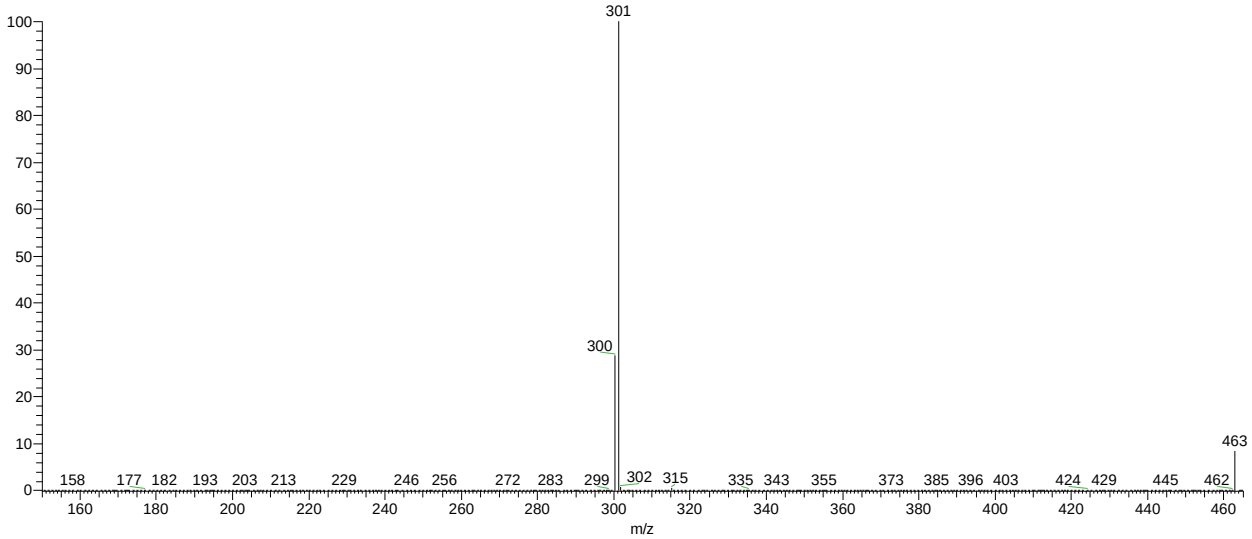

Figure S6. MS^2 spectrum of the ion at *m/z* 463 (compound **2**).

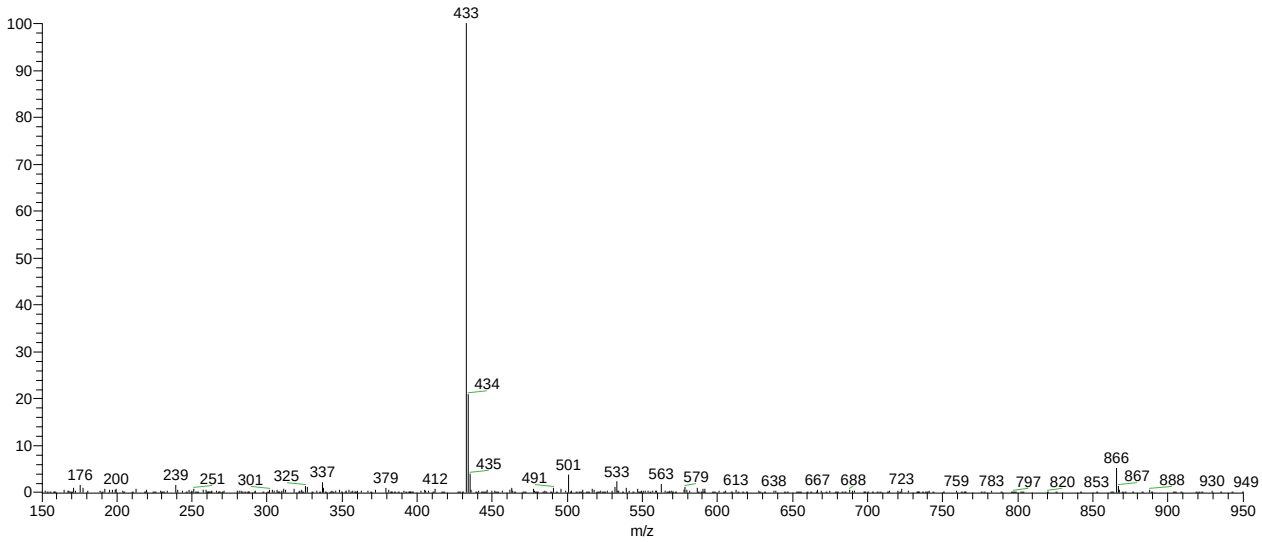

Figure S7. Mass spectrum of the compound **3**.

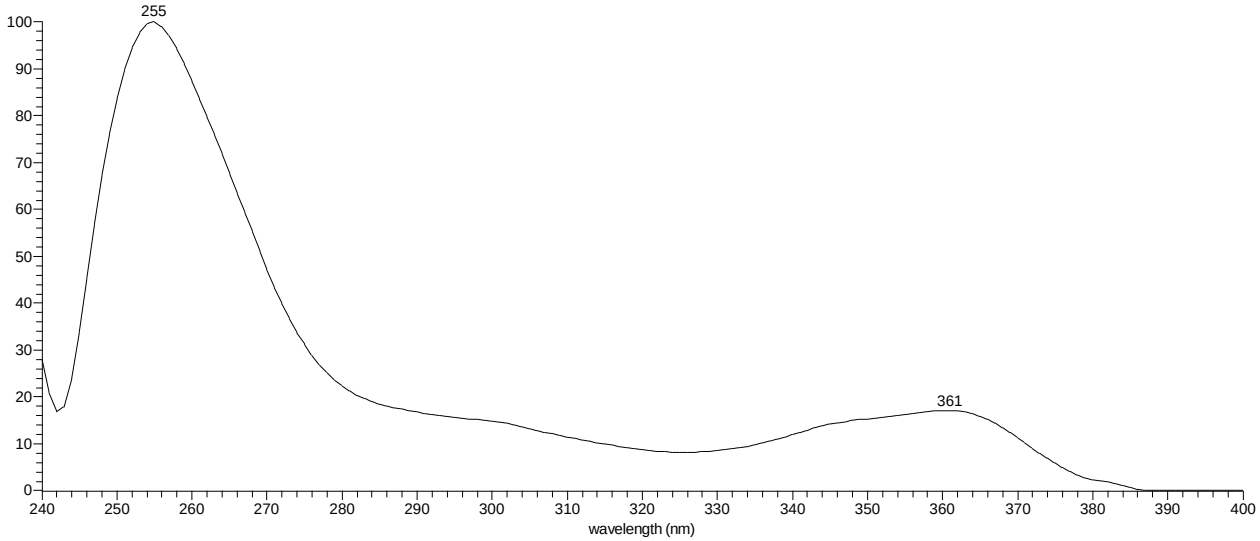

Figure S8. DAD spectra of the compound **3**.

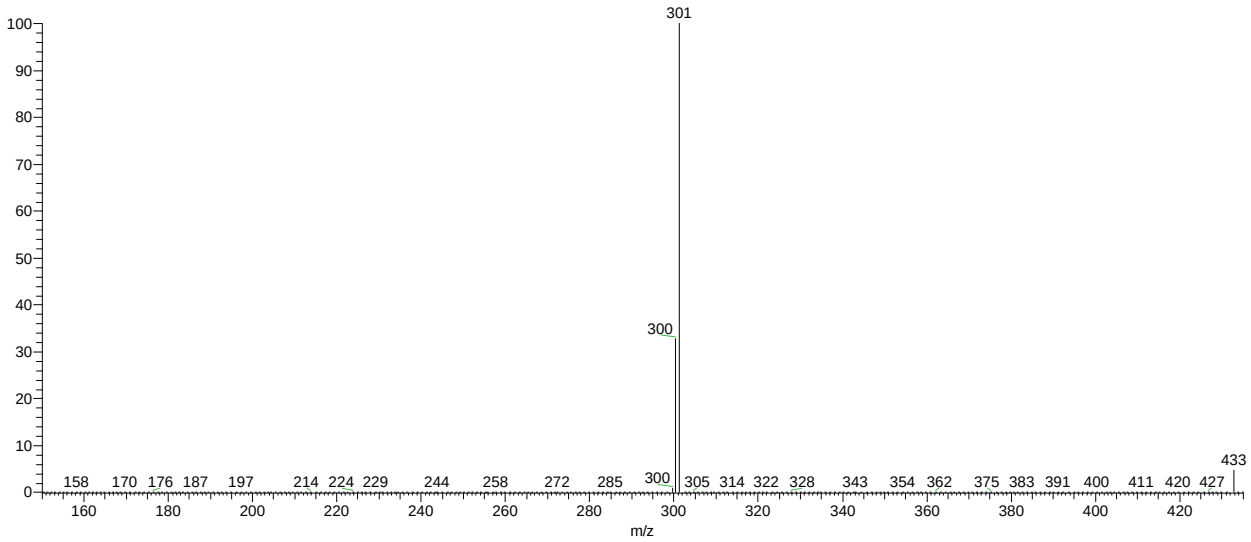

Figure S9. MS^2 spectrum of the ion at *m/z* 433 (compound **3**).

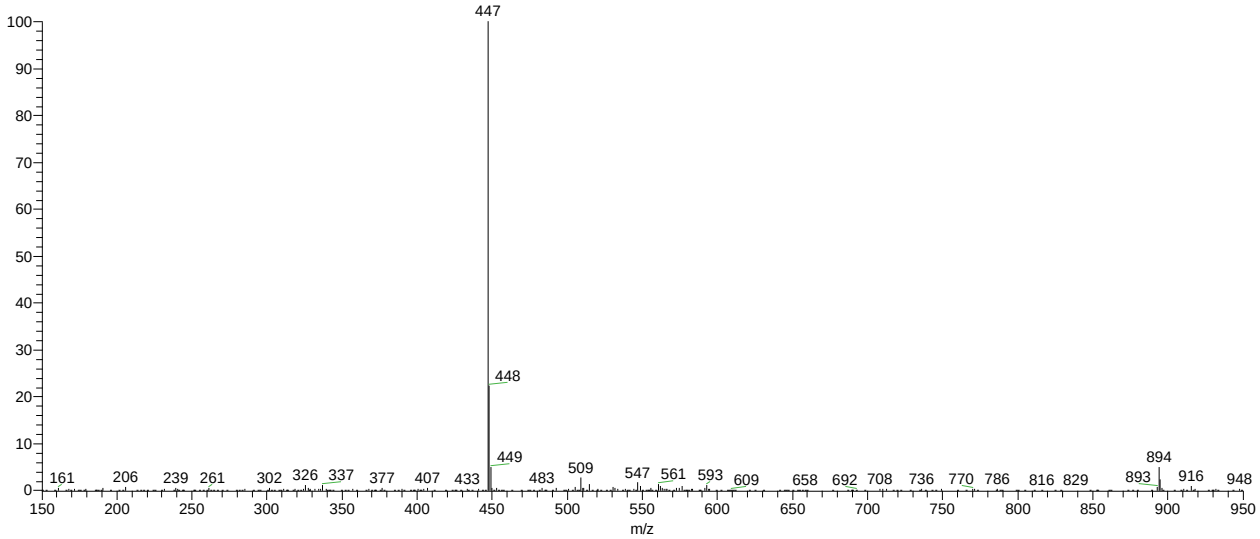

Figure S10. Mass spectrum of the compound **4**.

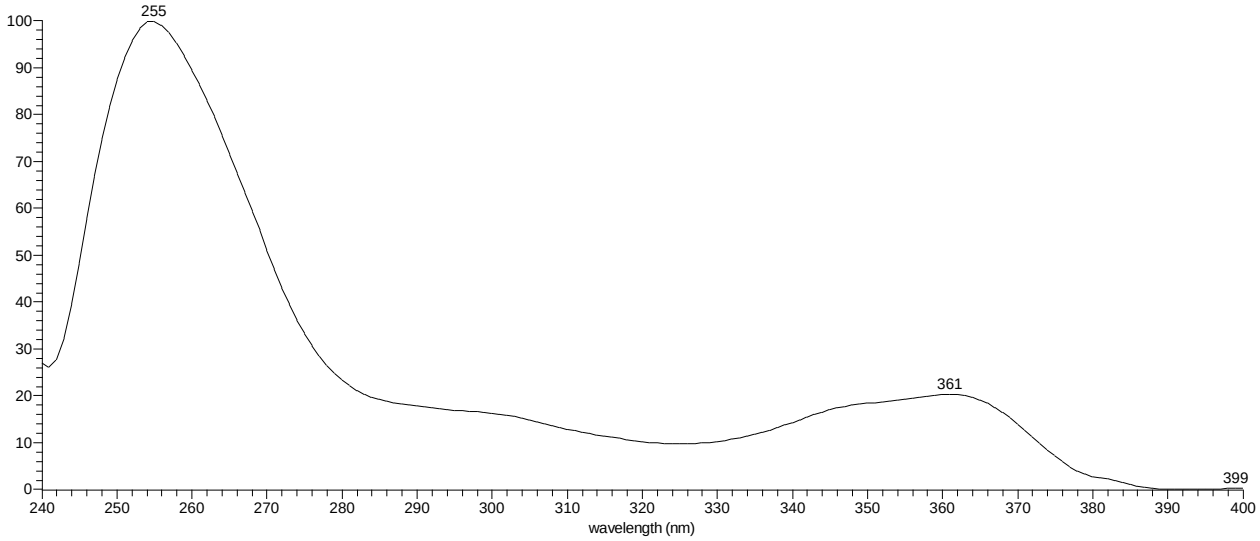

Figure S11. DAD spectra of the compound **4**.

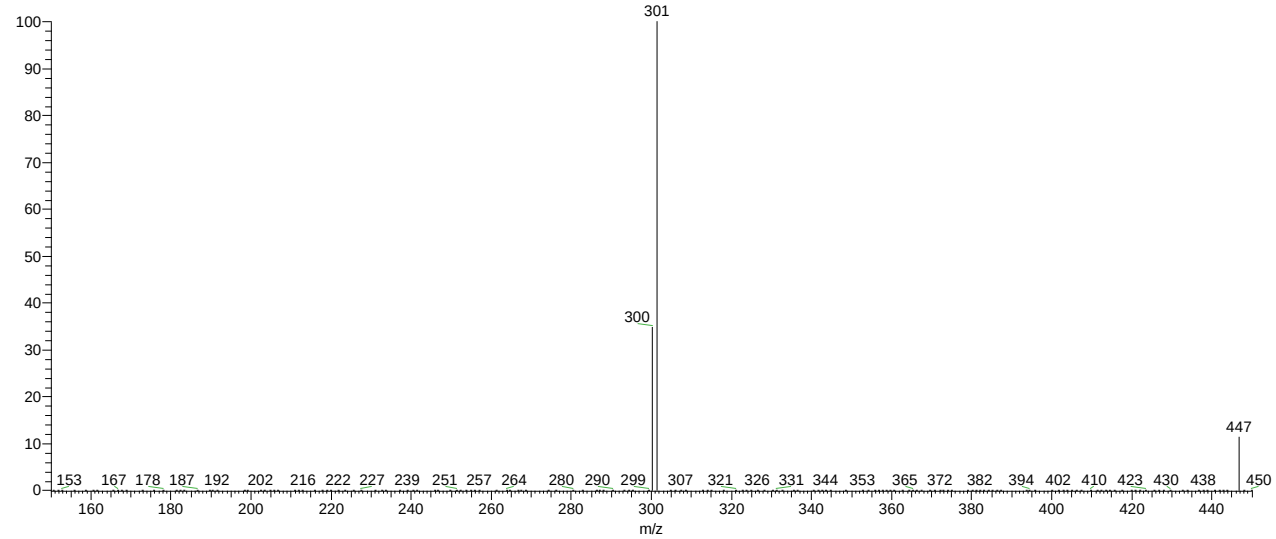

Figure S12. MS^2 spectrum of the ion at *m/z* 447 (compound **4**).

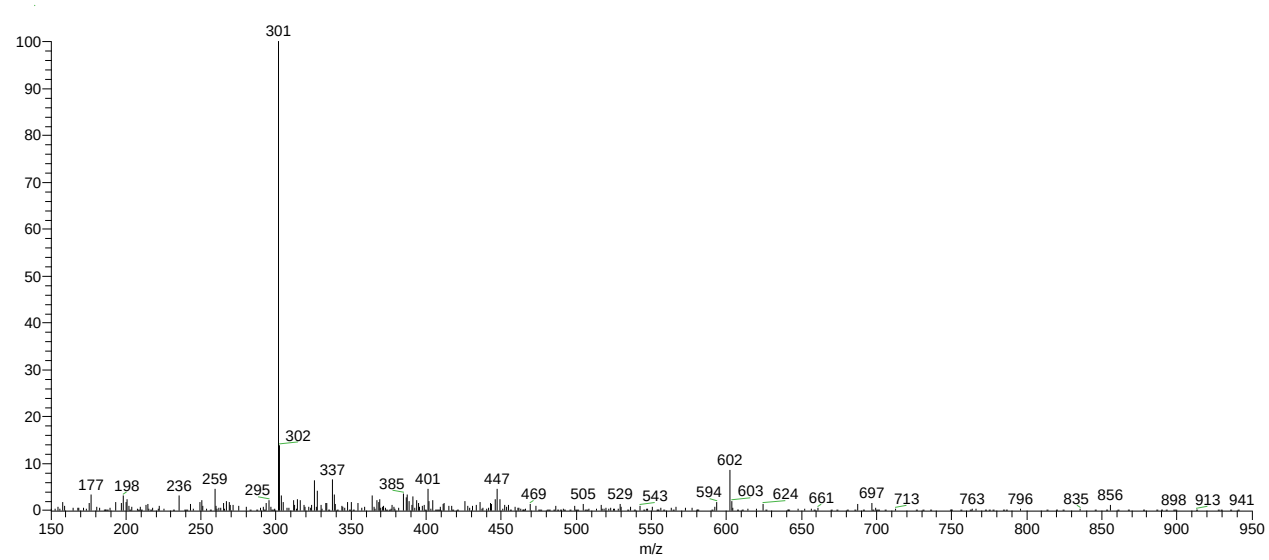

Figure S13. Mass spectrum of the compound **5**.

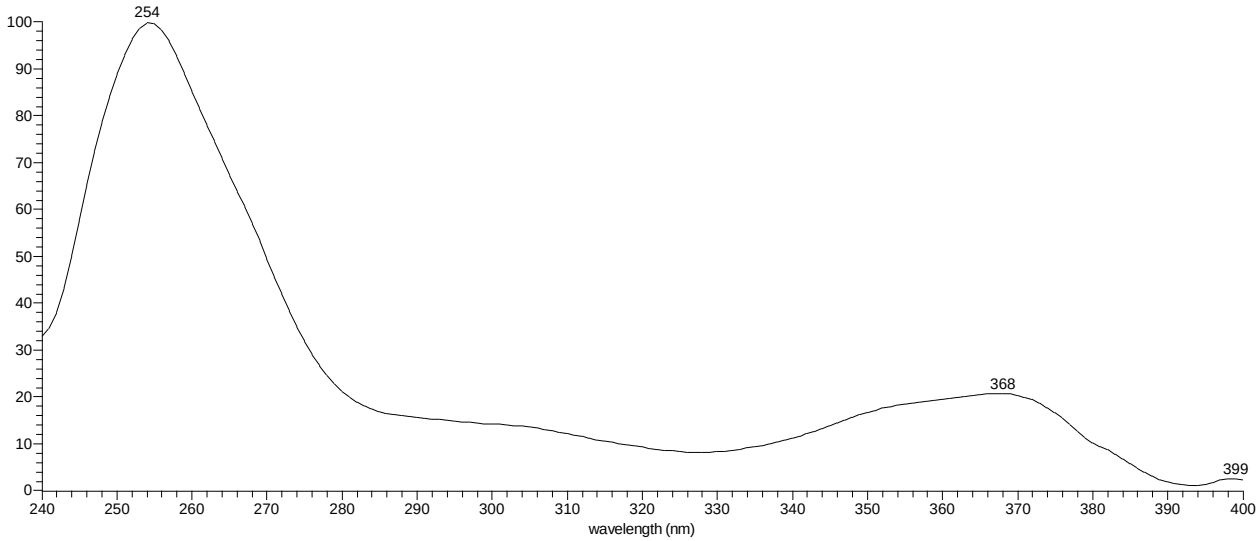

Figure S14. DAD spectra of the compound **5**.

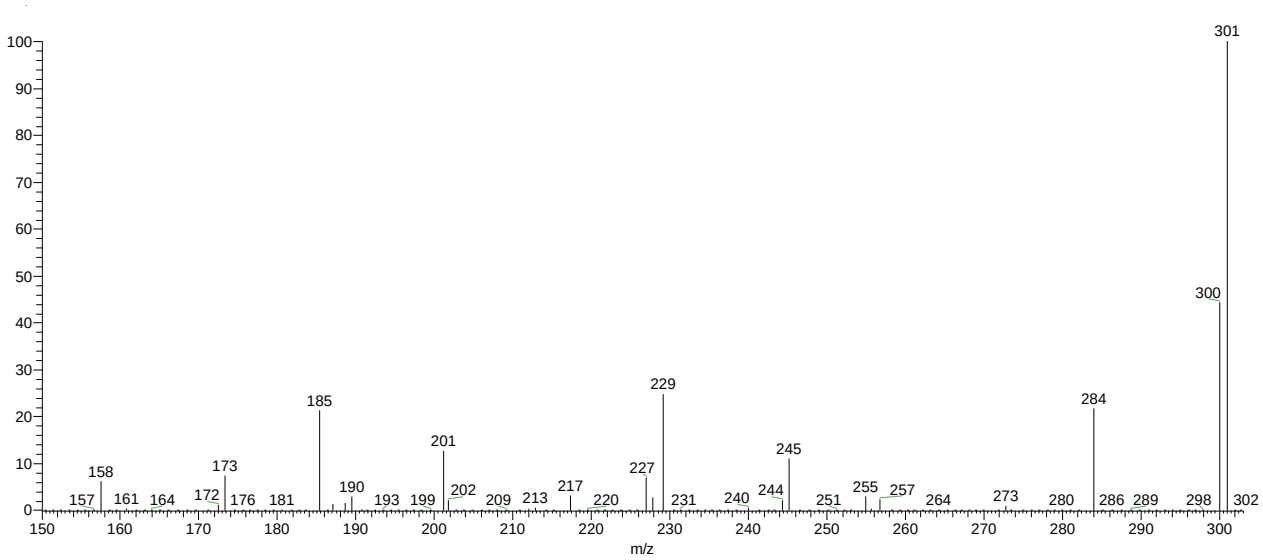

Figure S15. MS^2 spectrum of the ion at *m/z* 301 (compound **5**).

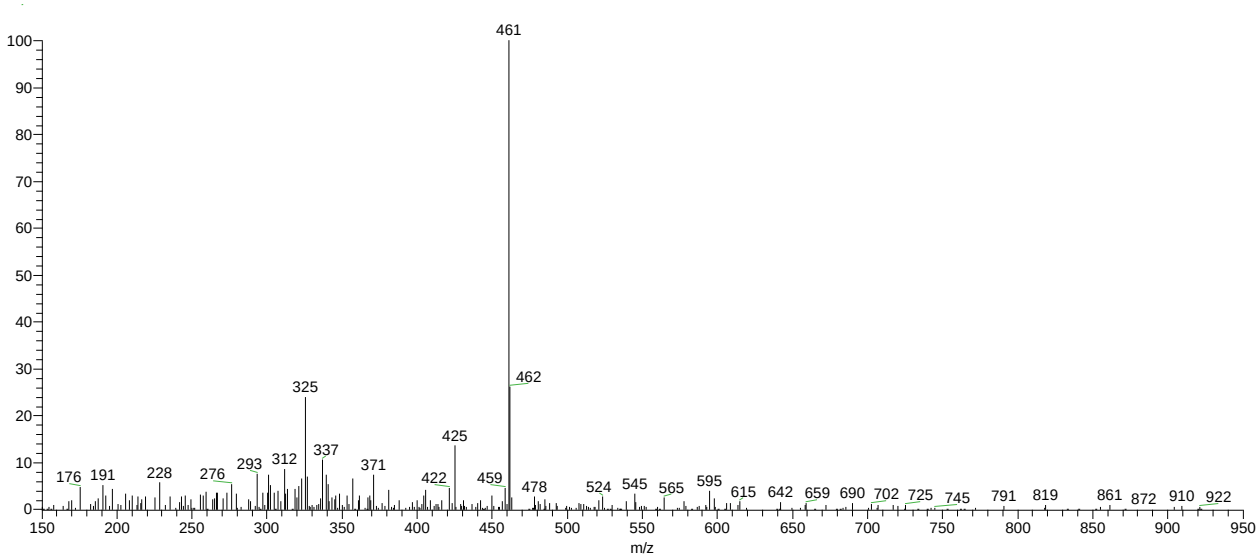

Figure S16. Mass spectrum of the compound **6**.

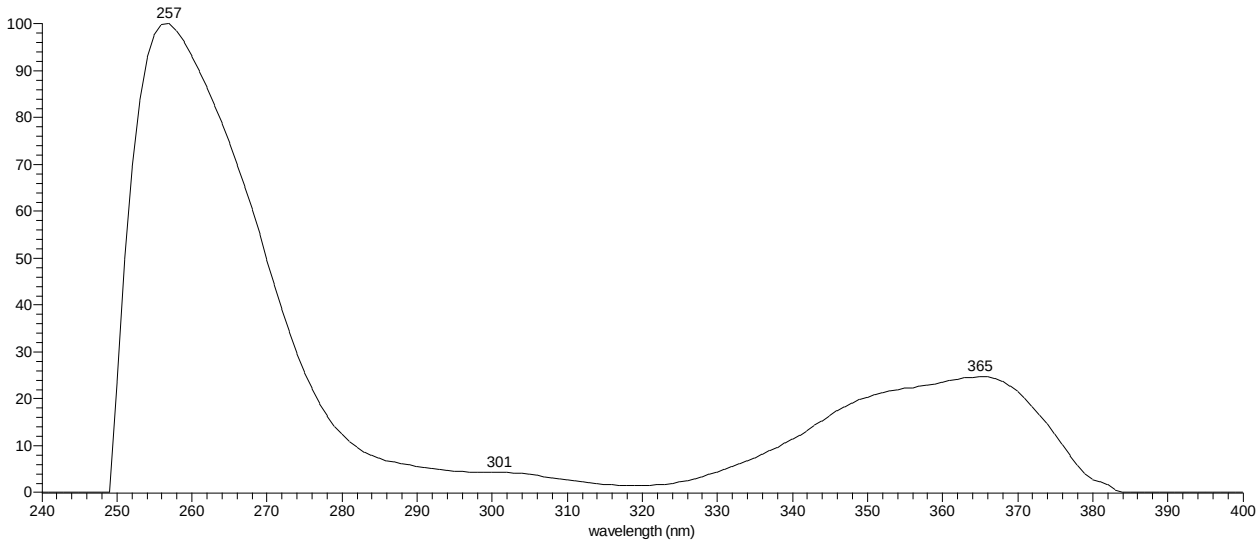

Figure S17. DAD spectra of the compound **6**.

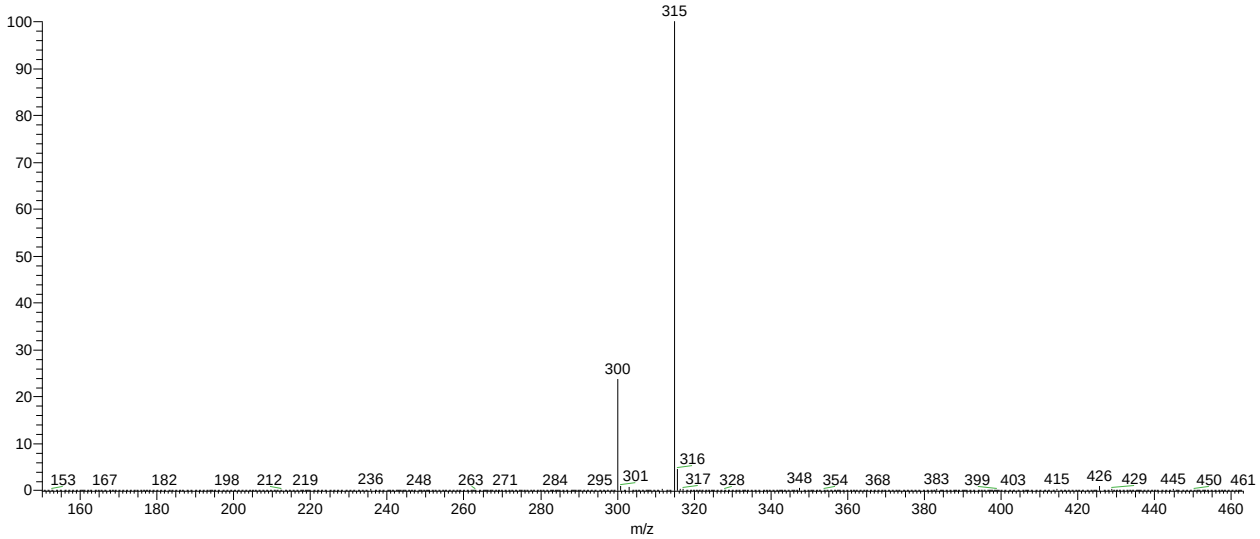

Figure S18. MS^2 spectrum of the ion at *m/z* 461 (compound **6**).

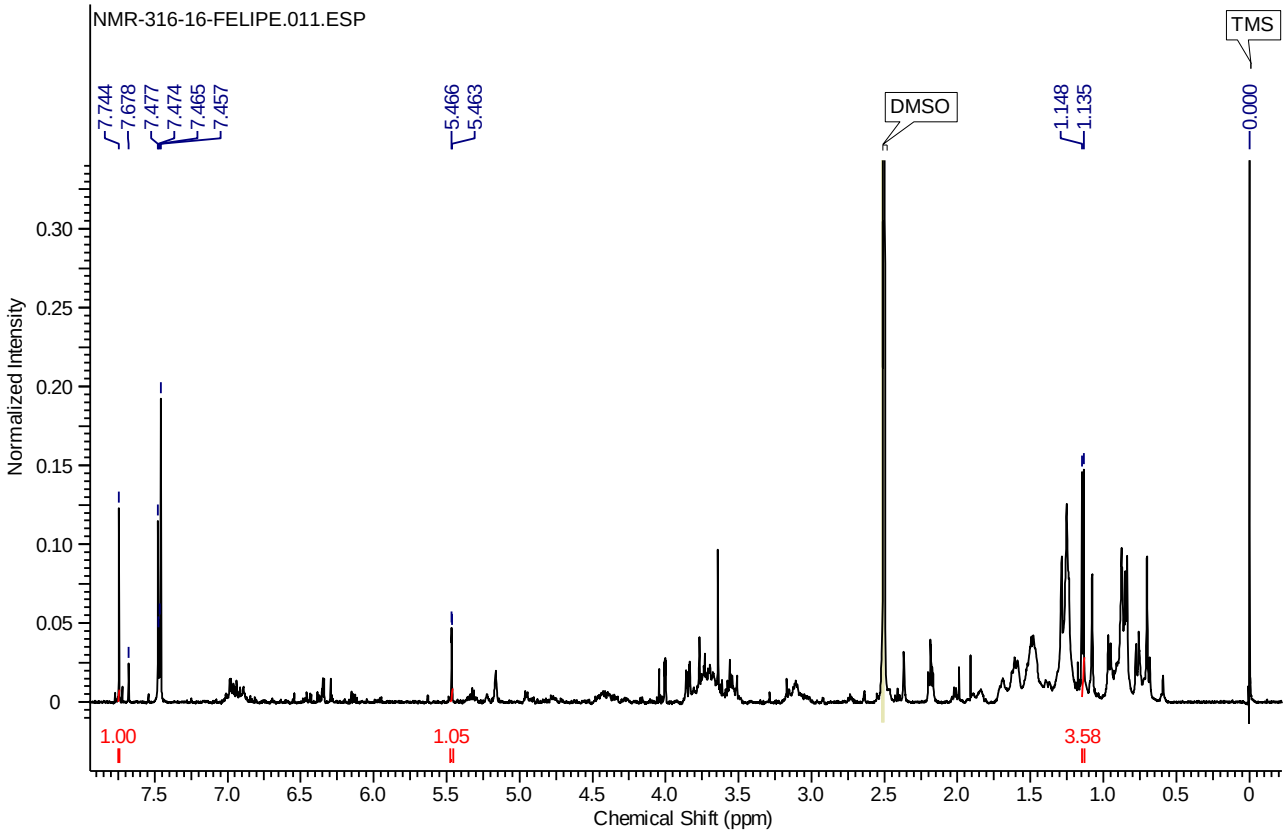

Figure S19. ^{1}H NMR spectrum (500.13 MHz, DMSO-d_6) for the methanol SPE fraction obtained from the SPE fractionation.

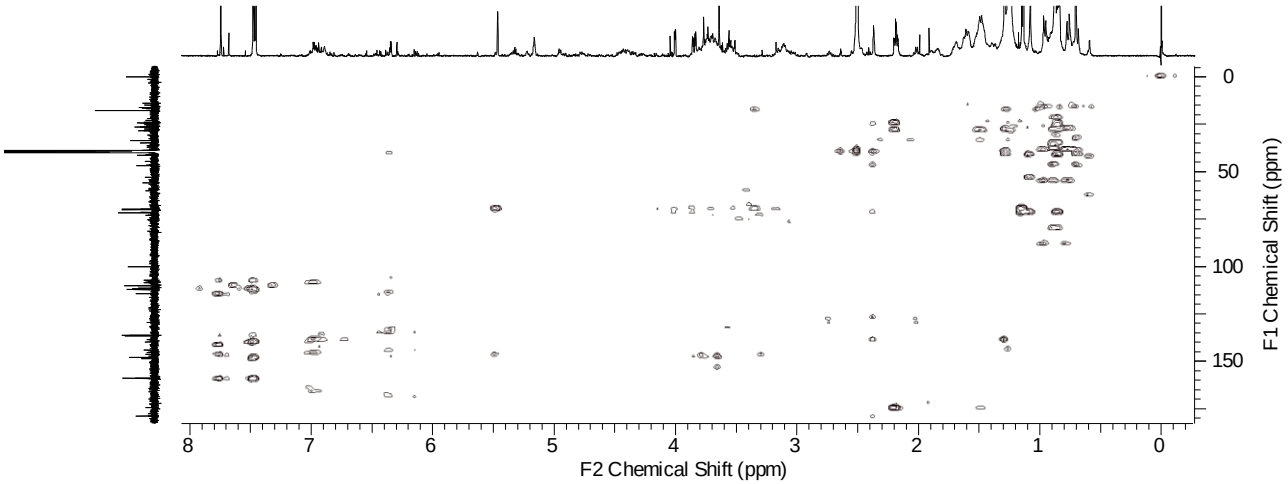

Figure S20. ^{1}H-^{13}C correlations observed by HMBC for the methanol SPE fraction obtained from the SPE fractionation.

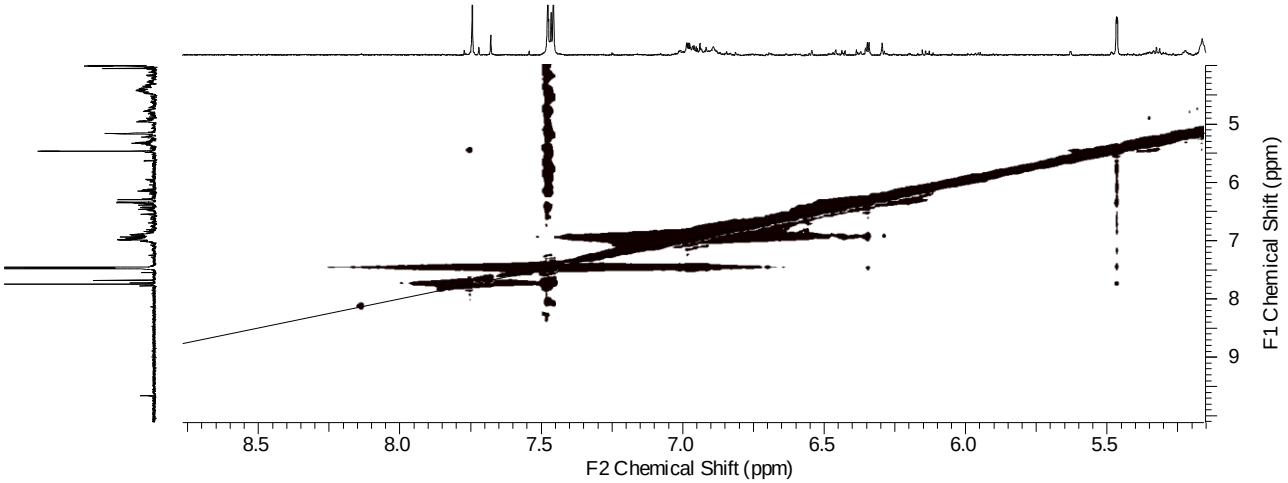

Figure S21. 2D NOESY spectrum (500.13 and 500.13 MHz, DMSO-d_6) for the methanol SPE fraction obtained from the SPE fractionation.

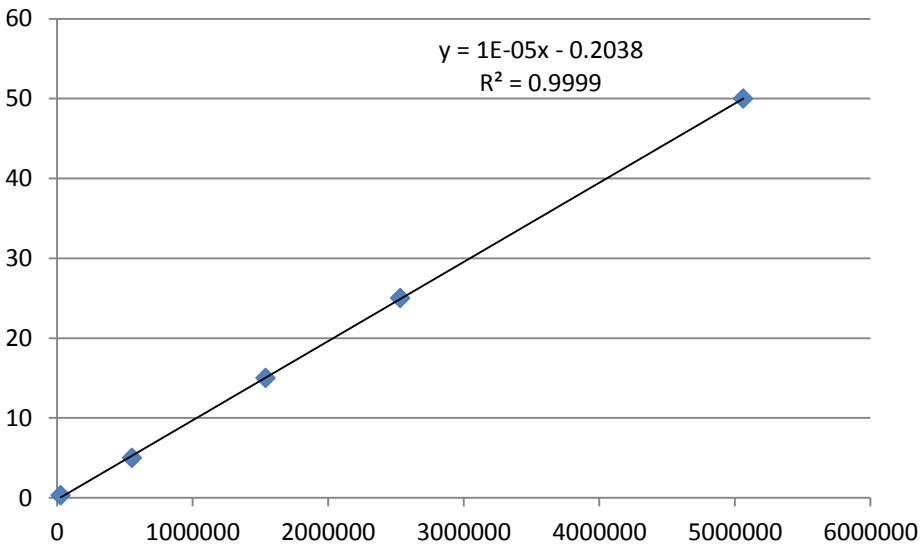

Figure S22. Calibration curve obtained by injecting the ellagic acid standard at 0.3, 5, 15, 25 and 50 µg mL^{-1}.

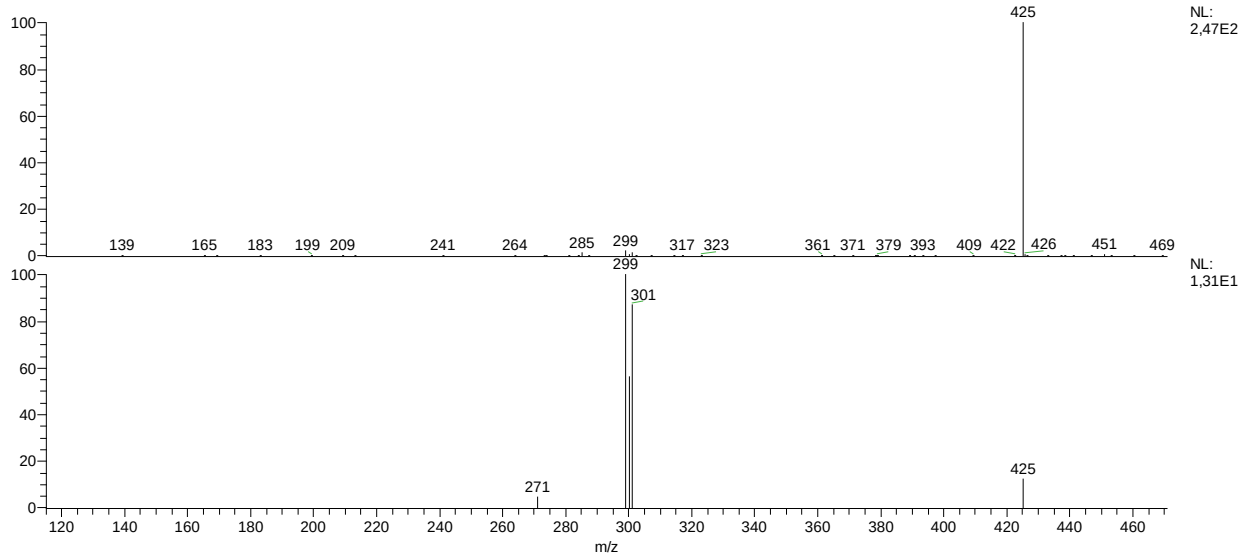

Figure S23. MS^3 spectrum of the ion at *m/z* 469 (compound **1**) through ESI-IT-MS.