

Supporting Information

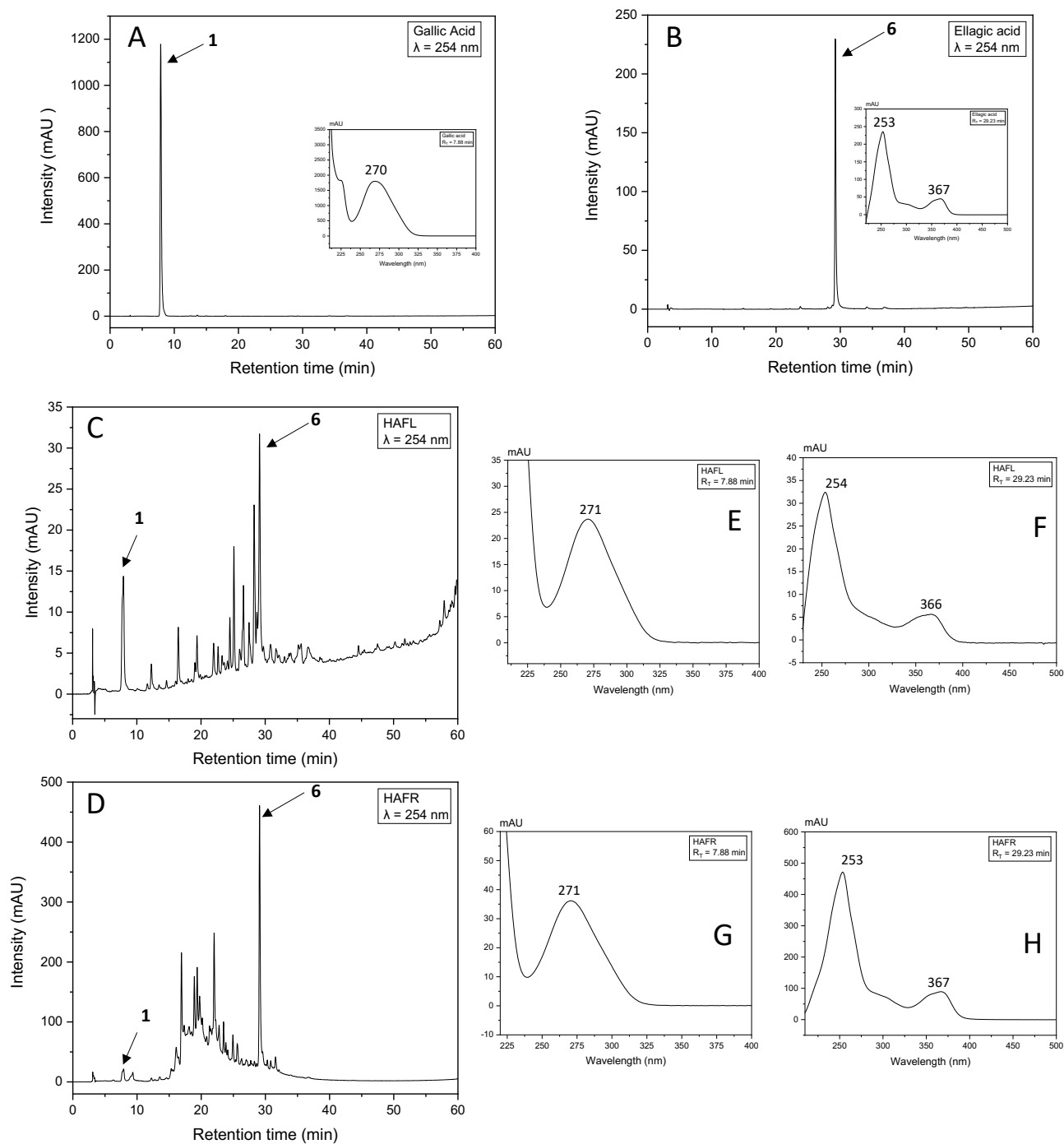


Figure S1. Chromatograms and UV spectrum by HPLC-DAD of gallic acid (1) and ellagic acid (6) standards and HAFL and HAFR extracts: gallic acid (A) and ellagic acid (B) chromatograms and UV Spectrum. HAFL (C) and HAFR (D) extracts chromatograms and (E), (F), (G) and (H) their respective UV spectrum in comparison at same retention time (Rt) of standards.

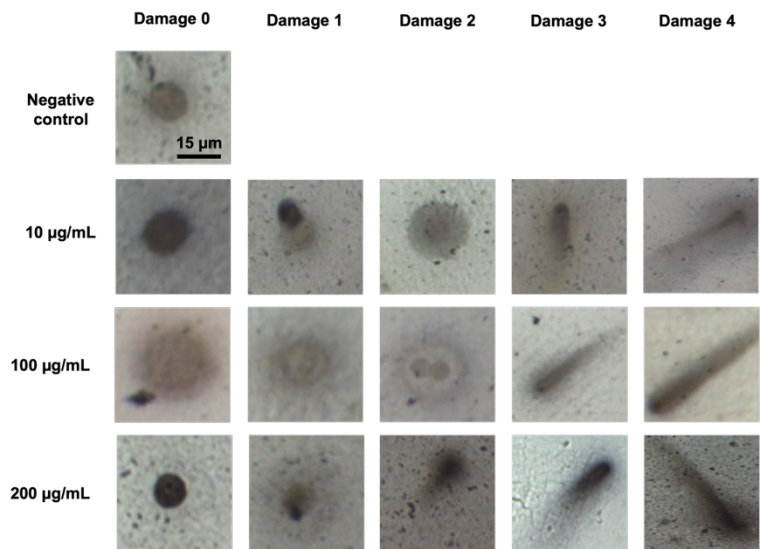
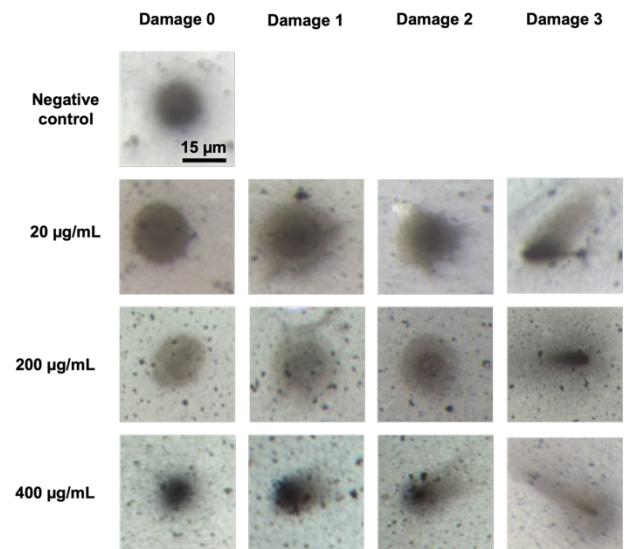
(A) HAFR**(B) HAFL**

Figure S2. Representative images of nuclear DNA damage in MDA-MB-231 cells induced by treatment with HAFR (A) and HAFL (B) extracts. The images illustrate typical patterns of genetic damage used for scoring damage index (D.I.) and damage frequency (D.F.), including tail formation and fragmentation observed in the comet assay.