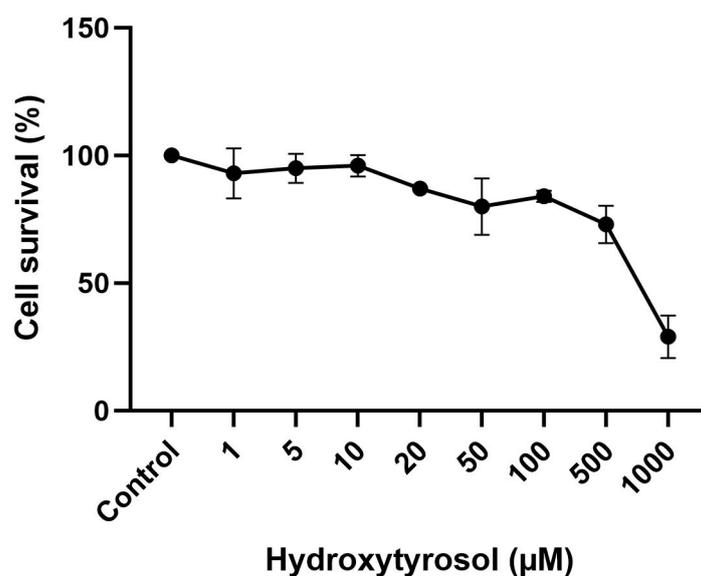


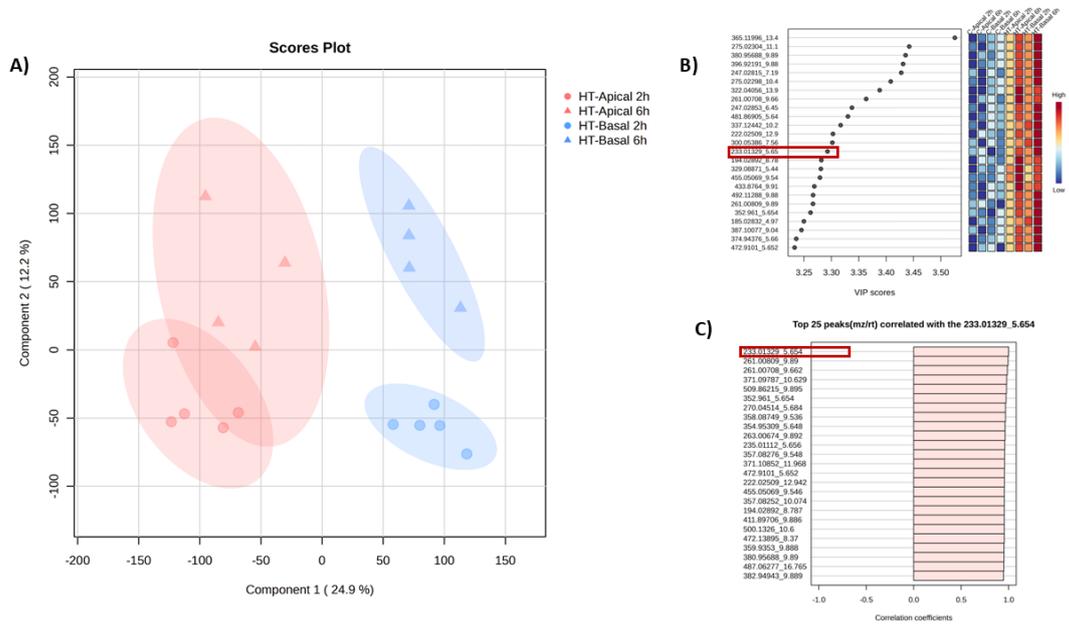
SUPPLEMENTAL MATERIAL

Figure S1. Cell viability (MTT) assay in Caco-2 cells. Cell viability was determined using the MTT assay in Caco-2 cells after 24 hours of treatment with increasing concentrations of hydroxytyrosol (1–1000 μM) to evaluate dose-dependent cytotoxic effects.

Figure S2. Bioavailability study. Separation between samples after 2 and 6 h absorption (apical and basal) detected by untargeted metabolomics. A) PLS-DA analysis; red: apical samples; blue: basal samples; circle: samples measured at 2 hours; triangle: samples measured at 6 hours. B) Heatmap analysis. The colour scale represents metabolite relative intensity, with the darkest red and blue symbolising the highest and the lowest values, respectively. C) Correlation coefficients showing metabolite and HT-sulfate correlations. The x-axis shows the correlation coefficient, whereas the y-axis corresponds to the m/z values and retention time (m/z _Rt) of the tentatively correlated metabolites. The extractions and analyses were performed in triplicate.



Supplemental Figure S1. Noguera-Navarro, C. et al. 2025



Supplemental Figure S2. Noguera-Navarro, C. et al. 2025