

Table S1. Selected method for quantification and specifications, linearity range, R^2 and calibration curve of the main compounds quantified in pomegranate extracts through HPLC-PDA-MS/MS.

Compound	Method	Linearity range ($\mu\text{g/mL}$)	R^2	Calibration curve
Ellagic acid	UV 370 nm	0.1-100	0.999	$y = 44443.1x - 8,761.63$
Luteolin	SRM ⁺ 287→153	0.1-5	0.999	$y = 1181554.7x + 61020.8$
Apigenin	SRM ⁺ 271→153	0.1-5	0.999	$y = 1072063.8x + 545489.2$
Punicalin $\alpha+\beta$	UV 370 nm	5-100	0.999	$y = 5759.8x - 9501.1$
Punicalagin α	UV 370 nm	10-500	0.999	$y = 1834.8x - 11147$
Punicalagin β	UV 370 nm	10-500	0.998	$y = 2425.9x - 1031$

Figure S1. Representative LC-PDA profiles of PGL (A), PGB (B) and PGP (C) extracts ($\lambda=370\text{nm}$)

