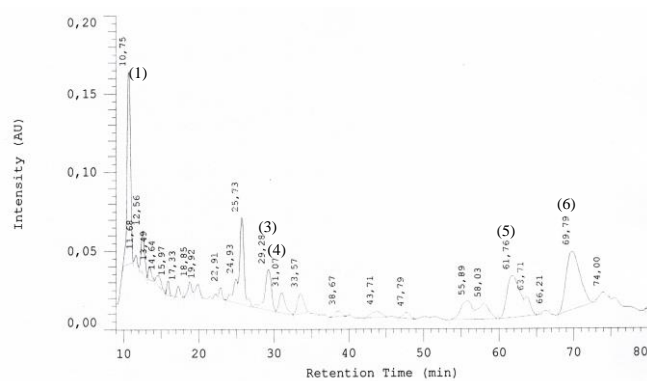
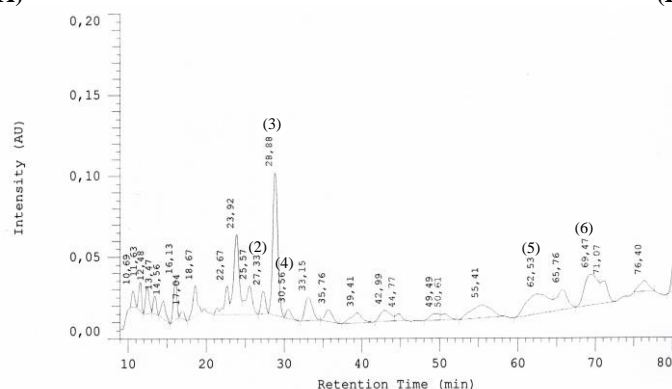


(A)

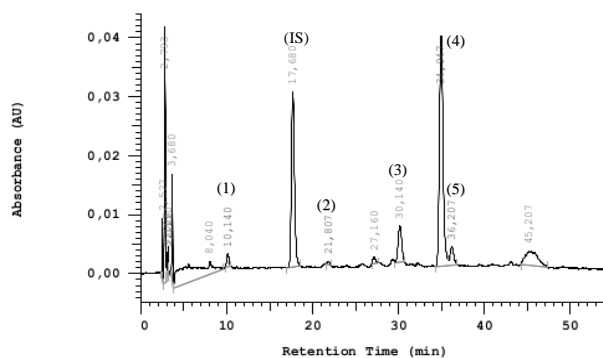


(B)

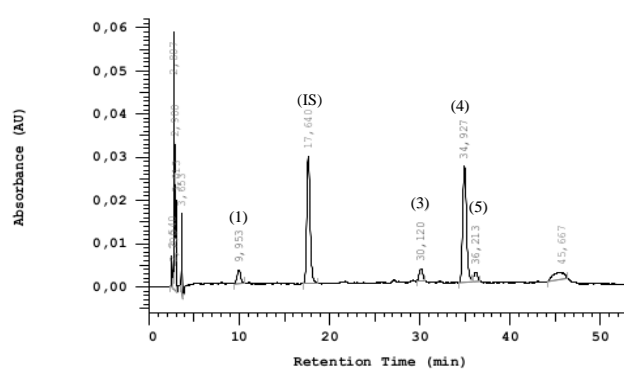


(C)

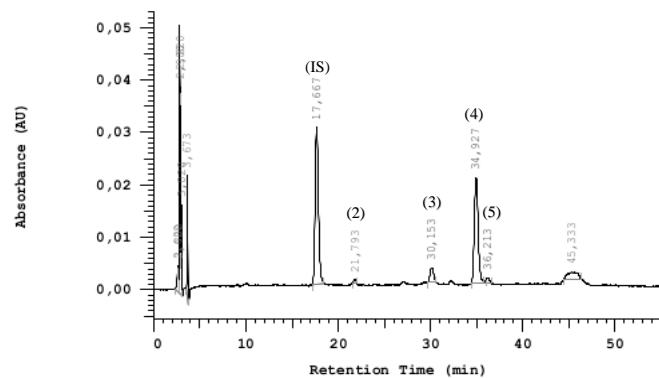
**Figure S1.** Chromatograms of polyphenols of jeriva pulp (A), peel (B) and seeds (C). The phenolic compounds quantified were: fumaric acid (1), catechin (2), hydroxy benzoic acid (3), procyanidin B2 (4), coumaric acid (5) and ferulic acid (6).



(A)



(B)



(C)

**Figure S2.** Chromatograms of carotenoids of jeriva pulp (**A**), peel (**B**) and seeds (**C**). The carotenoids quantified were: (*all-E*)-lutein (**1**), (*all-E*)- $\beta$ -cryptoxanthin (**2**), (*13Z*)- $\beta$ -carotene (**3**), (*all-E*)- $\beta$ -carotene (**4**) and (*9Z*)- $\beta$ -carotene (**5**). (**IS**) represents the internal standard  $\beta$ -apo-8'-carotenal.