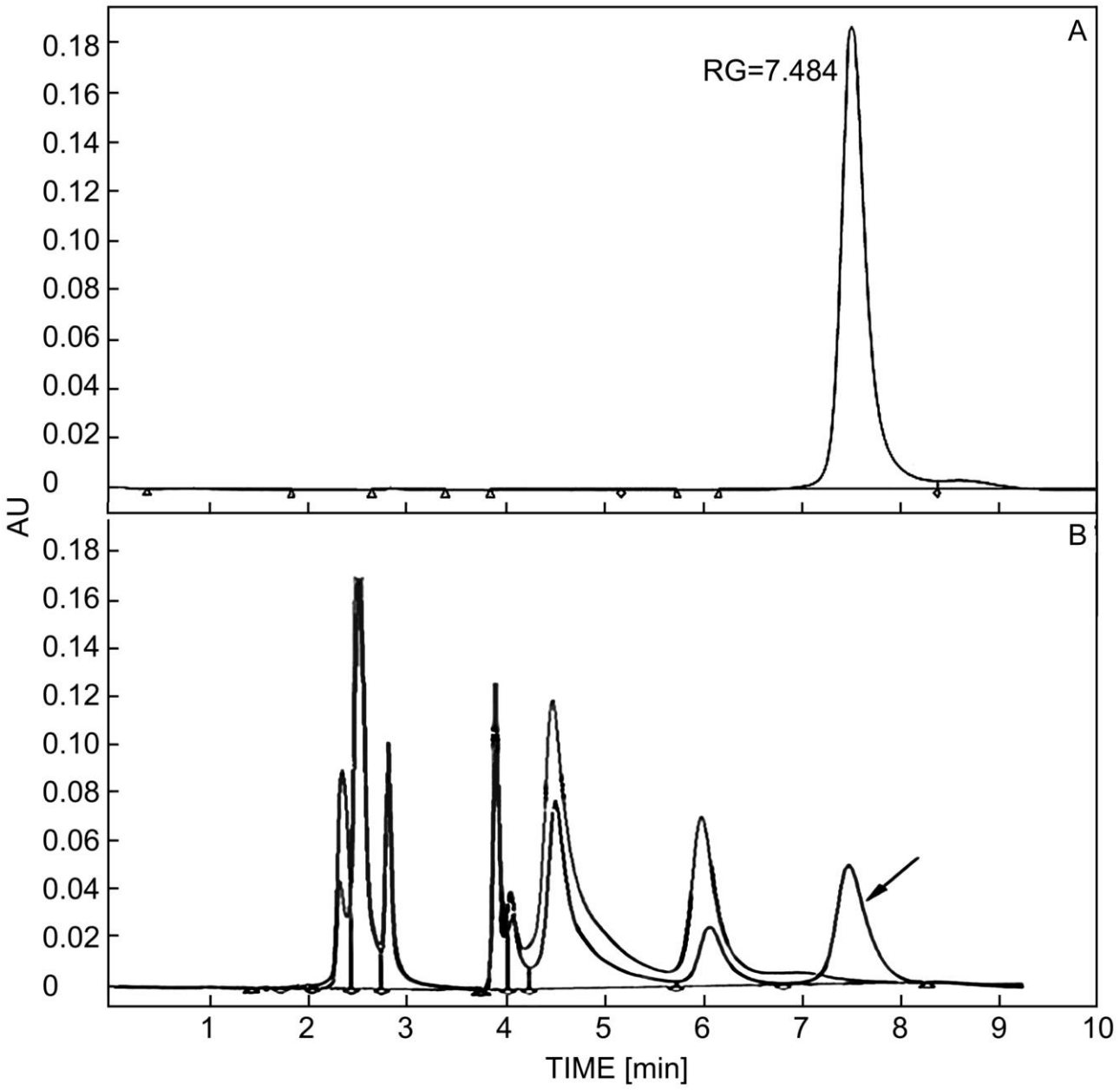

Fig. 1 Suppl. High performance liquid chromatography analysis of extracts from leaves of four-week-old *Arabidopsis*. *A* - The standard *trans*-piceid; *B* - wild-type plant (*grey*) and T3 transgenic line L1 (*black*). Chromatographic profiles at 306 nm reveal a peak at 7.5 min (the *arrow*) in the T3 transgenic line L1 and standard *trans*-piceid, which is not present in the wild-type plant. AU - arbitrary unit.

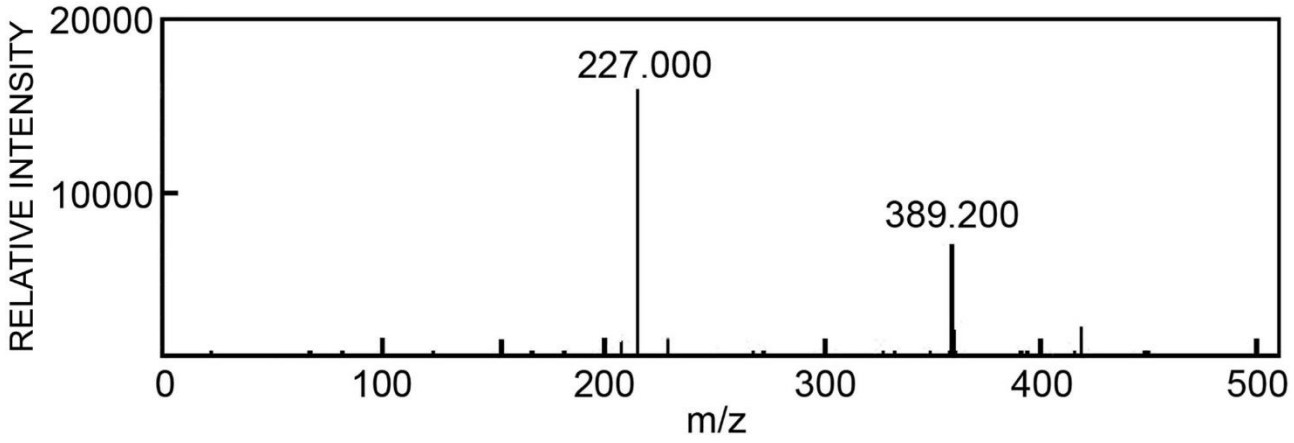

Fig. 2 Suppl. Collision induced dissociation spectra for the distinct peak in the transgenic *Arabidopsis* plants. The spectrum of the $[M-H]^-$ ion (m/z 389) with a prominent $[M-H-C_6H_{10}O_5]^-$ product ion at m/z 227 confirmed the new synthesized compound in transgenic plants as *trans*-piceid.