

Determination of cyanidin-3-glucoside in rat brain, liver and kidneys by UPLC/MS-MS and its application to a short-term pharmacokinetic study

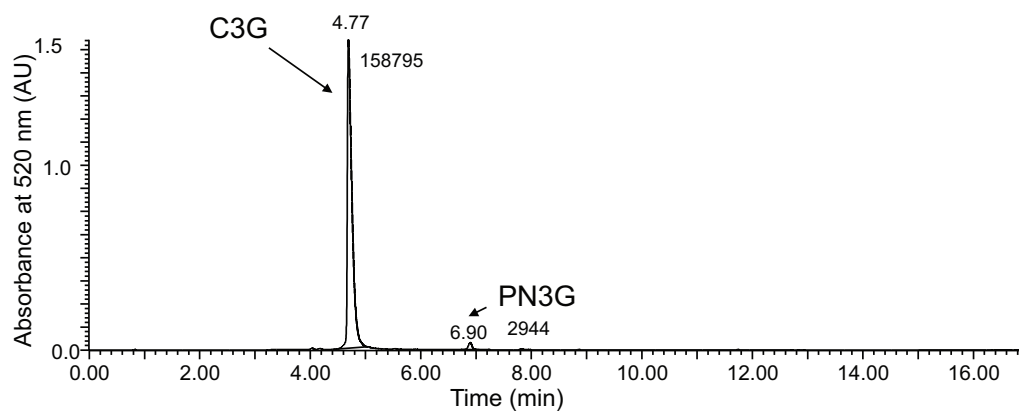
Stefano Fornasaro¹, Lovro Ziberna¹, Mattia Gasperotti², Federica Tramer¹, Urška Vrhovšek², Fulvio Mattivi², Sabina Passamonti^{1, *}

¹University of Trieste, Department of Life Sciences, via L. Giorgieri 1, 34127 Trieste, Italy

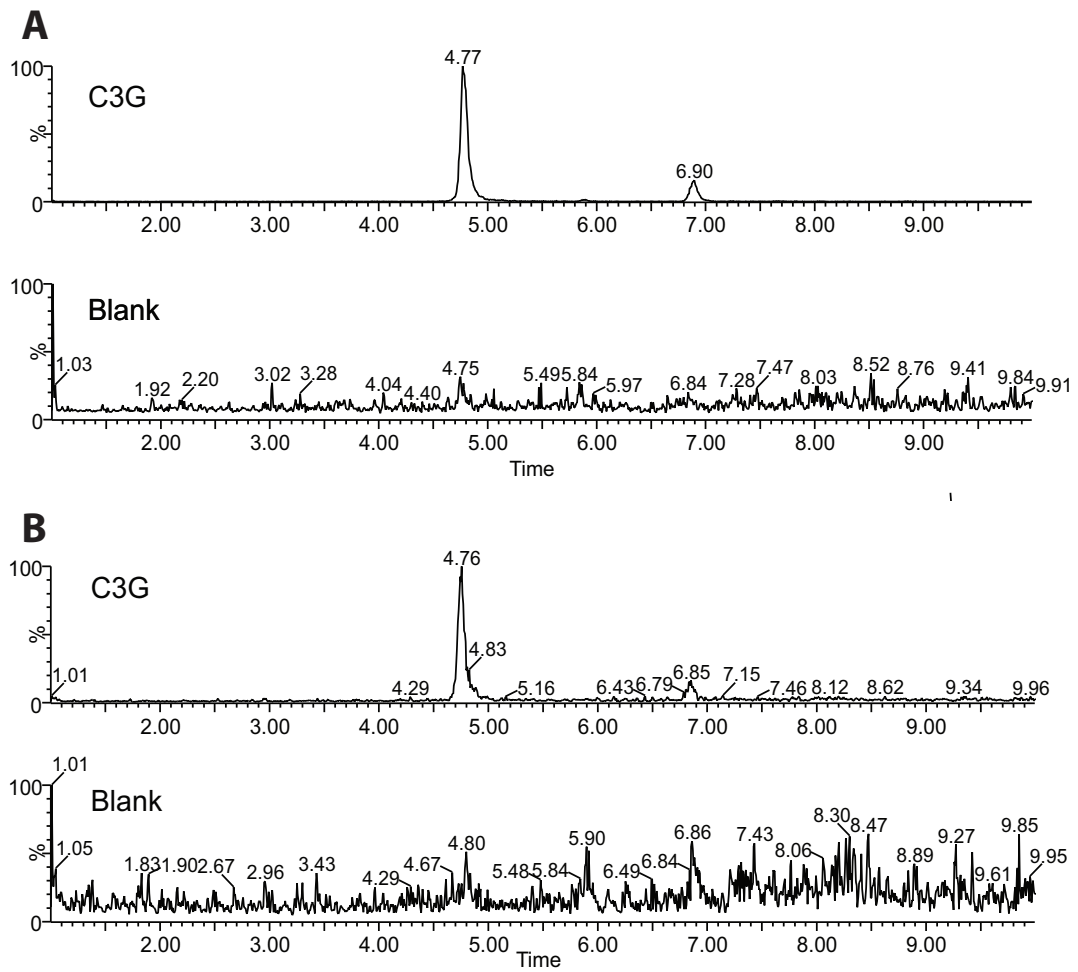
²Fondazione Edmund Mach (FEM), Department of Food Quality and Nutrition, Research and Innovation Centre, via E. Mach 1, 38010 San Michele all'Adige, Italy

*Corresponding author: spassamonti@units.it.

Supplementary information



Supplementary Figure S1. Chromatogram of C₃G solution (1mg/mL). cyanidin-3-glucoside (C₃G) 98,2%; peonidin -3-glucoside (PN₃G) 1,8%.



Supplementary Figure S2 Total ion current (TIC) chromatograms for rat blood (A) and brain (B) at the first time point (0,25 min).