Figure S1. Overlay HPLC-DAD chromatograms of carotenoid standards and MSPD extracts in ethanol: (a) astaxanthin, (b) β-Carotene, (c) zeaxanthin-lutein; and their UV-Vis absorption spectra: (a.1) astaxanthin, (b.1) β-Carotene, (c.1) zeaxanthin-lutein
Figure S2. Mass spectrum obtained by UHPLC-QToF of the carotenoid compounds present in the extract of *H. pluvialis* red. Astaxanthin (a). Canthaxanthin (b). Diadinoxanthin (c).
Figure S3. Mass spectrum obtained by UHPLC-QToF of the carotenoid compounds present in the extract of H. pluvialis red. Echinenone (a), Neoxanthin (b), Violaxanthin (c).