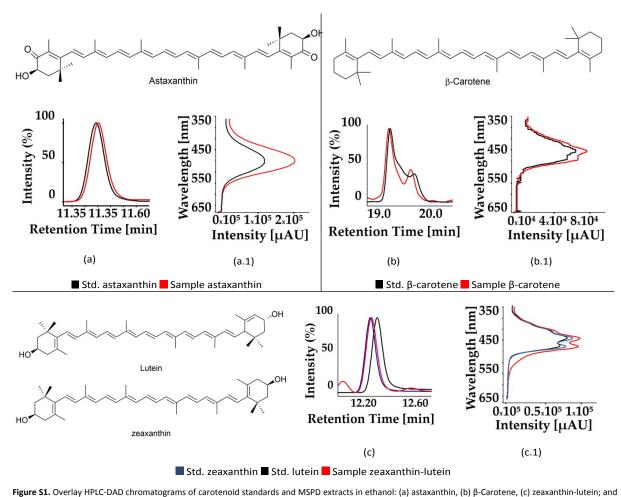
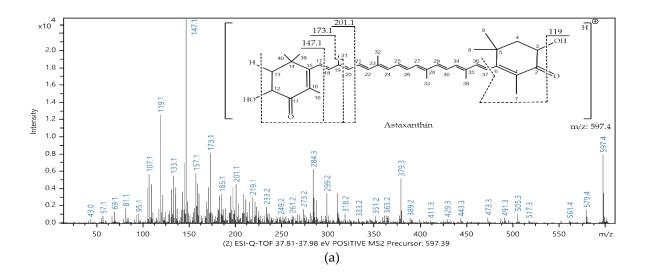
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their UV-Vis absorption spectra: (a.1) astaxanthin, (b.1) β-Carotene, (c.1) zeaxanthin-lutein



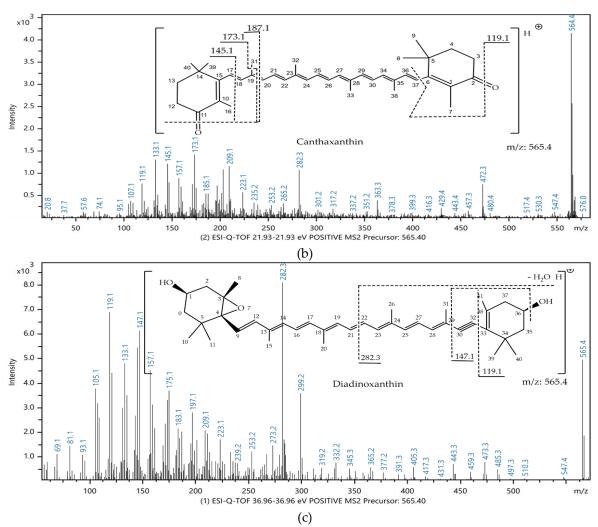
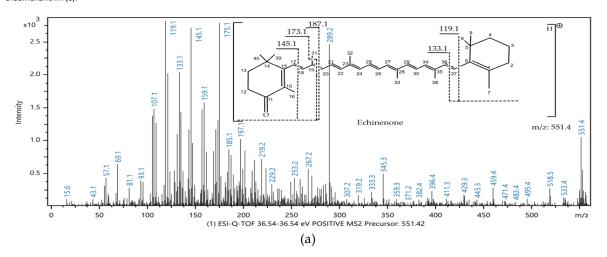


Figure S2. Mass spectrum obtained by UHPLC-QToF of the carotenoid compounds present in the extract of H. pluvialis red. Astaxanthin (a). Canthaxanthin (b). Diadinoxanthin (c).



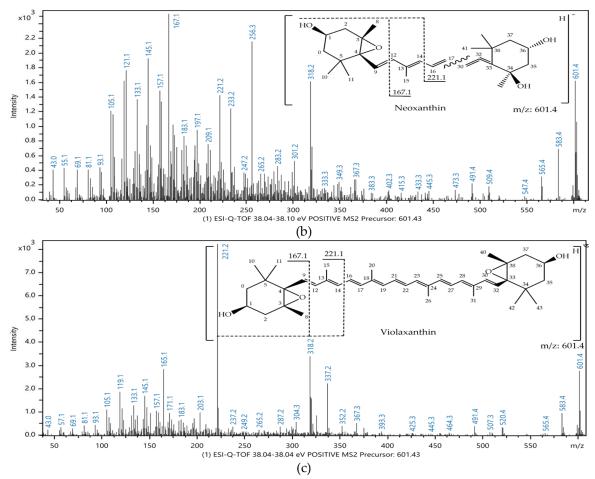


Figure S3. Mass spectrum obtained by UHPLC-QToF of the carotenoid compounds present in the extract of H. pluvialis red. Echinenone (a). Neoxanthin (b). Violaxanthin (c)