

Supplementary Information for:

**Supercritical carbon dioxide extraction of  $\beta$ -carotene and  $\alpha$ -tocopherol from pumpkin :A Box-Behnken design for extraction variables**

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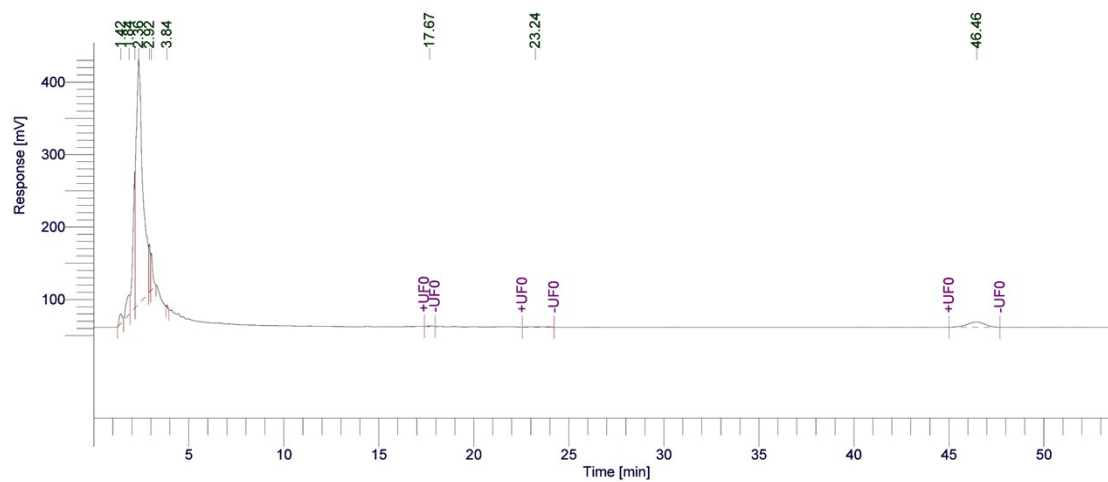
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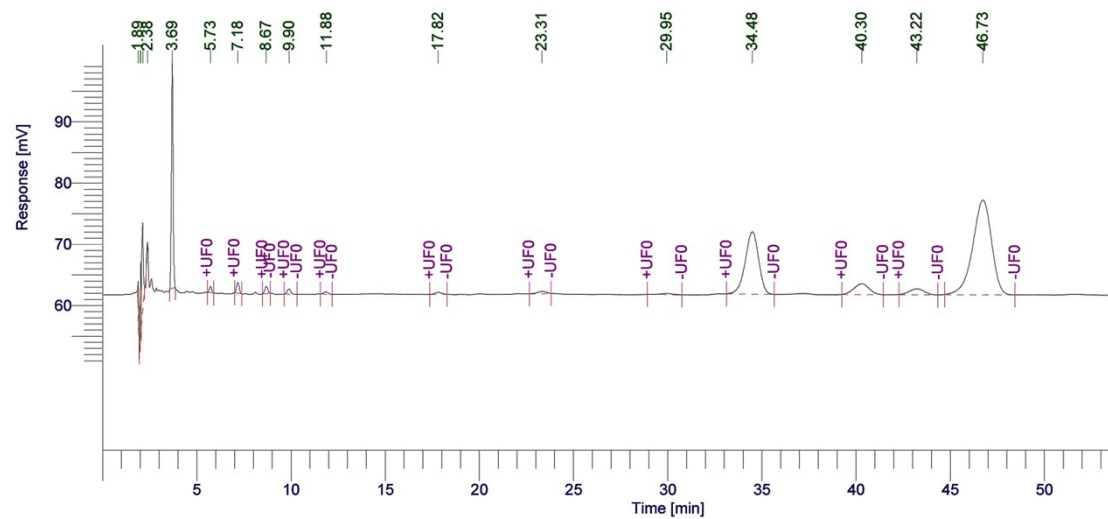
**Supplementary Data**

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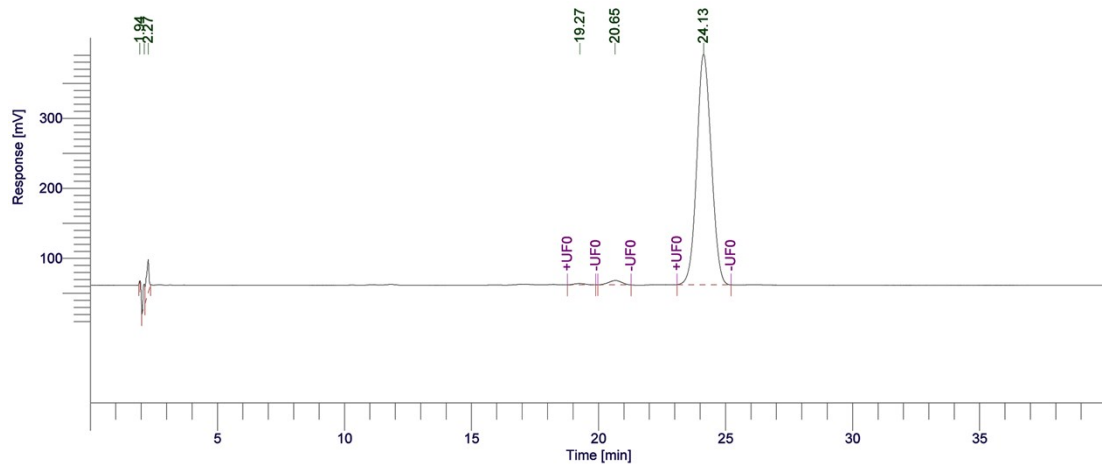


(a)

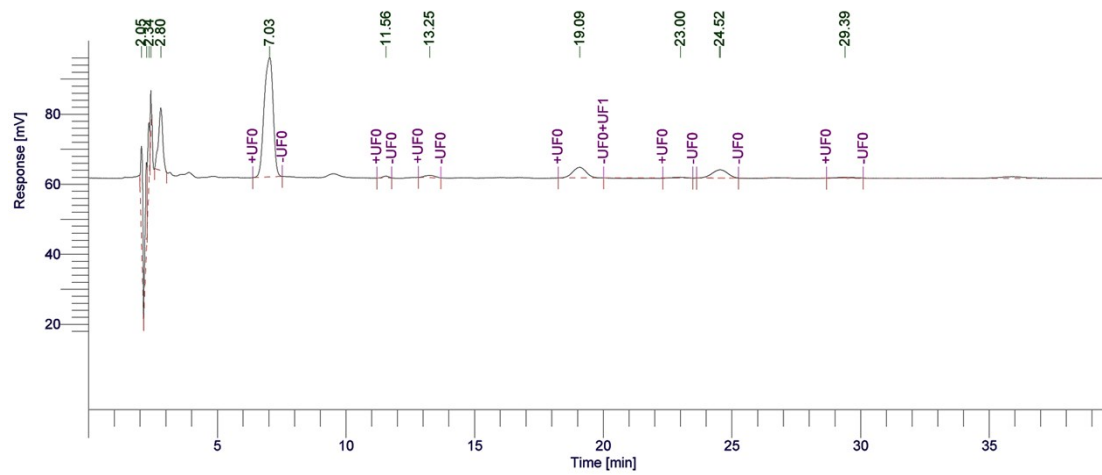


(b)

Fig. S1. HPLC chromatograms showing: (a) standard  $\beta$ -carotene, (b) extracts obtained by supercritical fluid extraction.



(a)



(b)

Fig. S2. HPLC chromatograms showing: (a) standard  $\alpha$ -tocopherol, (b) extracts obtained by supercritical fluid extraction.