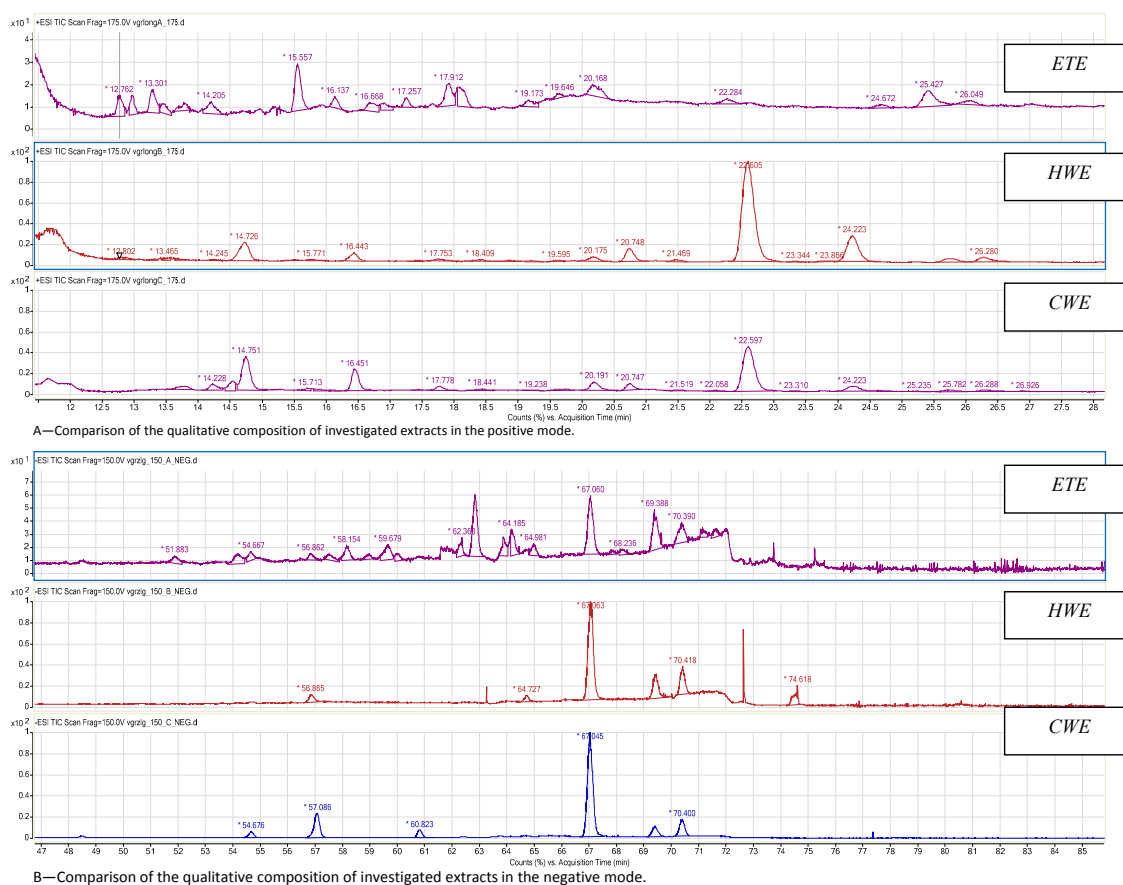


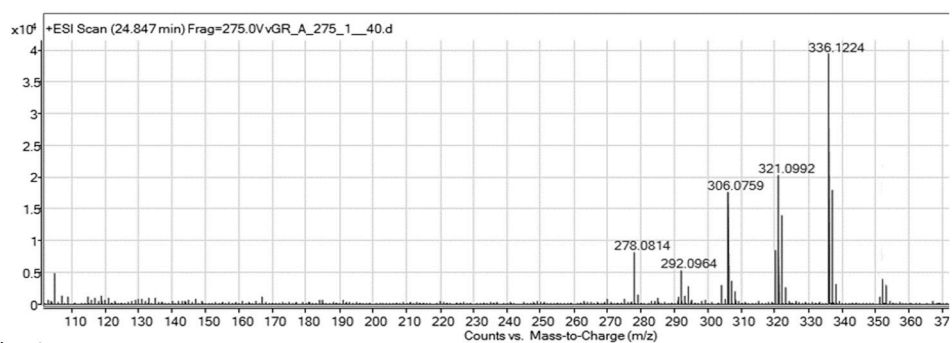
# Supplementary Materials: Evaluation of the Anthelmintic Activity and Composition of Pumpkin (*Cucurbita pepo* L.) Seed Extracts—In Vitro and in Vivo Studies

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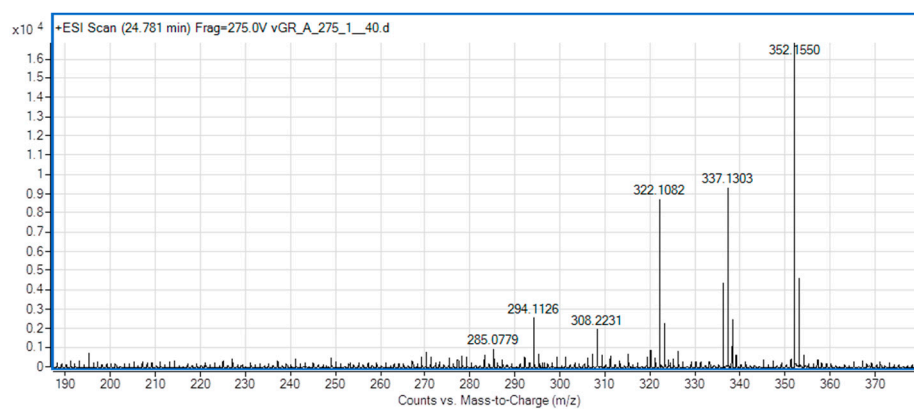


**Figure S1.** Differences in the qualitative composition of extracts, depending on the mass spectrometer operation mode. (A) comparison of the qualitative composition of investigated extracts in the positive mode; (B) comparison of the qualitative composition of investigated extracts in the negative mode.

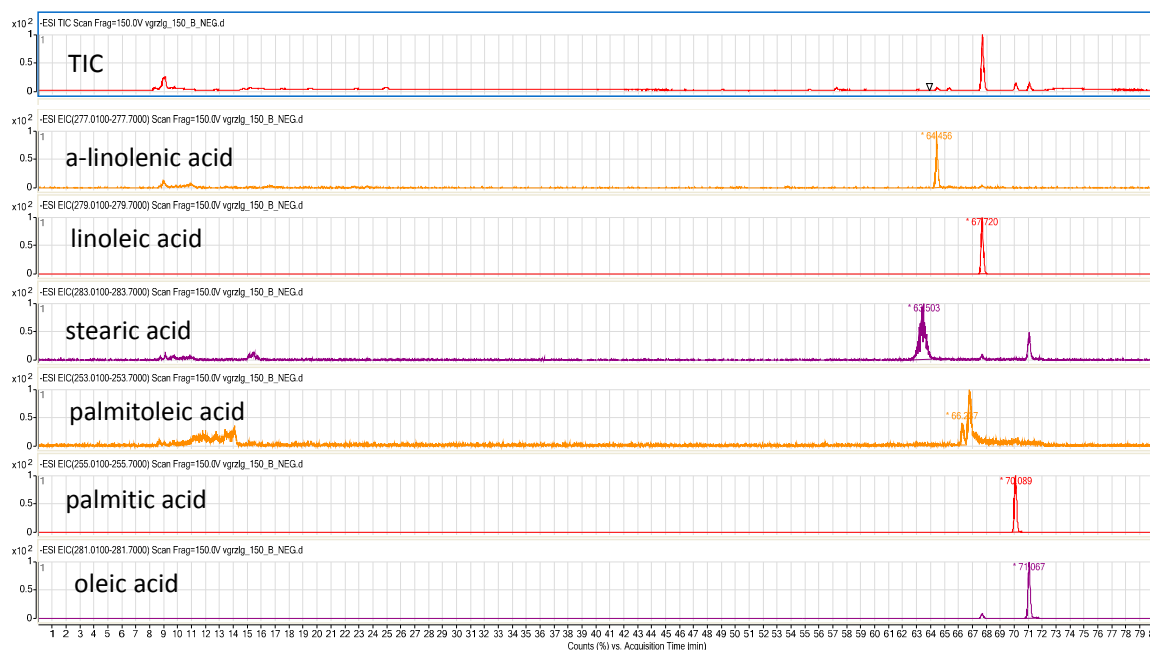
**Berberine**



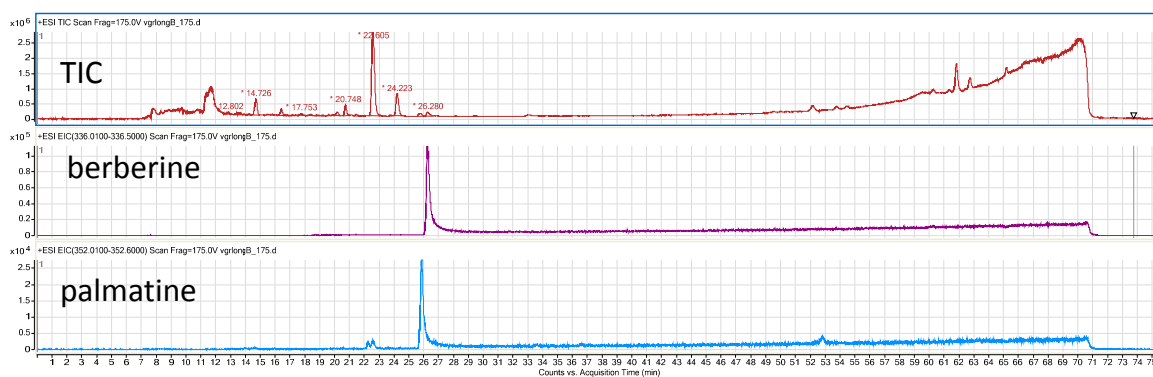
**Palmatine**



**Figure S2.** Fragmentation pattern of berberine and palmatine in the *C. pepo* L. extracts in the given analysis conditions.



**Figure S3.** Extracted Ion Chromatograms (EIC) spectra of fatty acids in a *C. pepo* L. hot water extract (HWE). "\*" —retention time of a compound in the optimized method.



**Figure S4.** Extracted Ion Chromatograms (EIC) of berberine and palmitine in the HWE extract of *C. pepo* L. and their fragmentation patterns. "\*" —retention time of a compound in the optimized method.