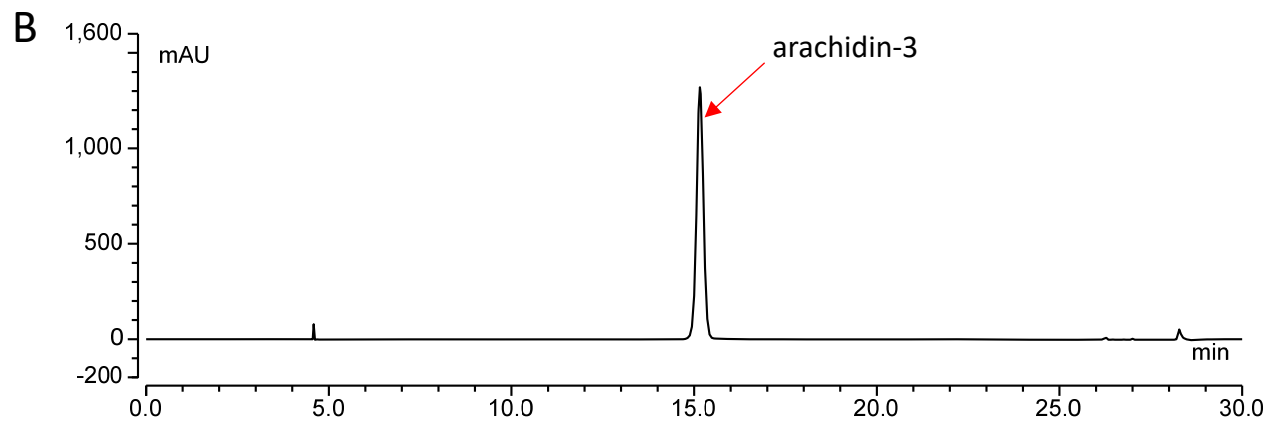
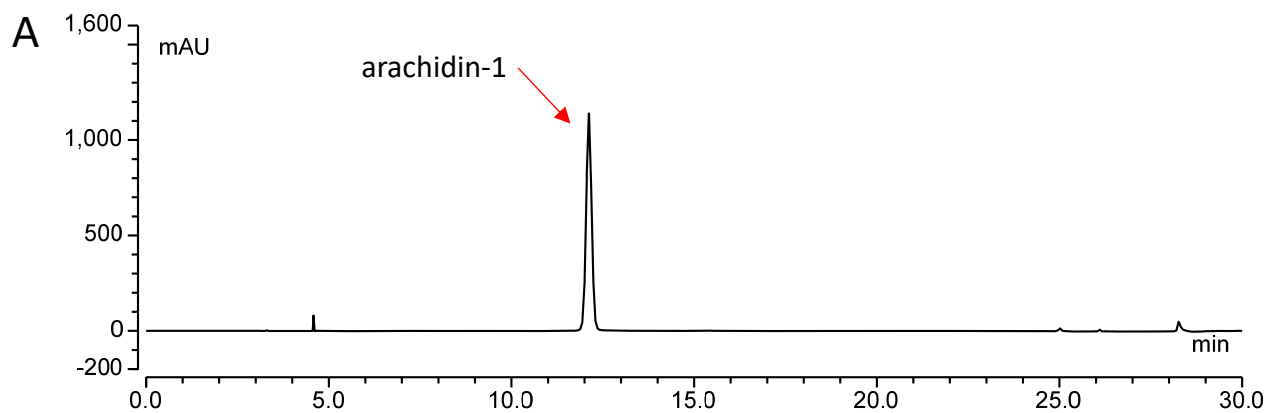
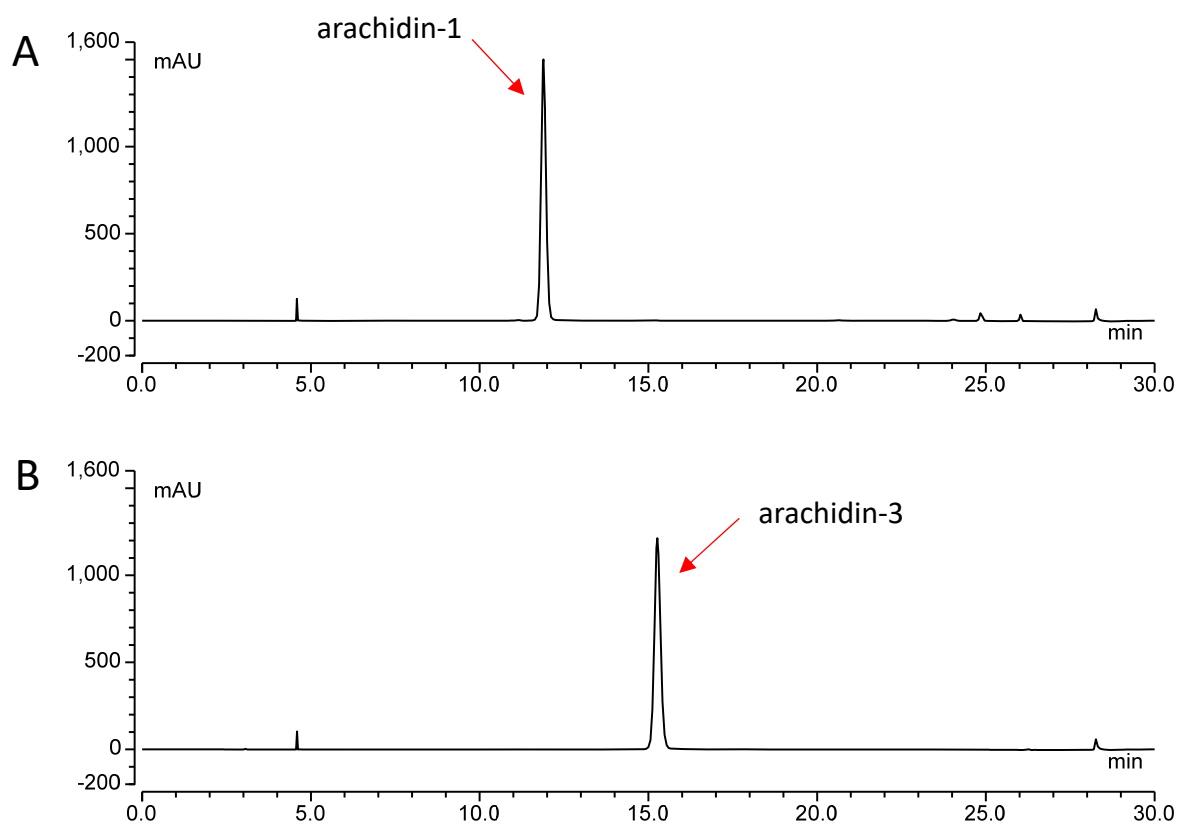


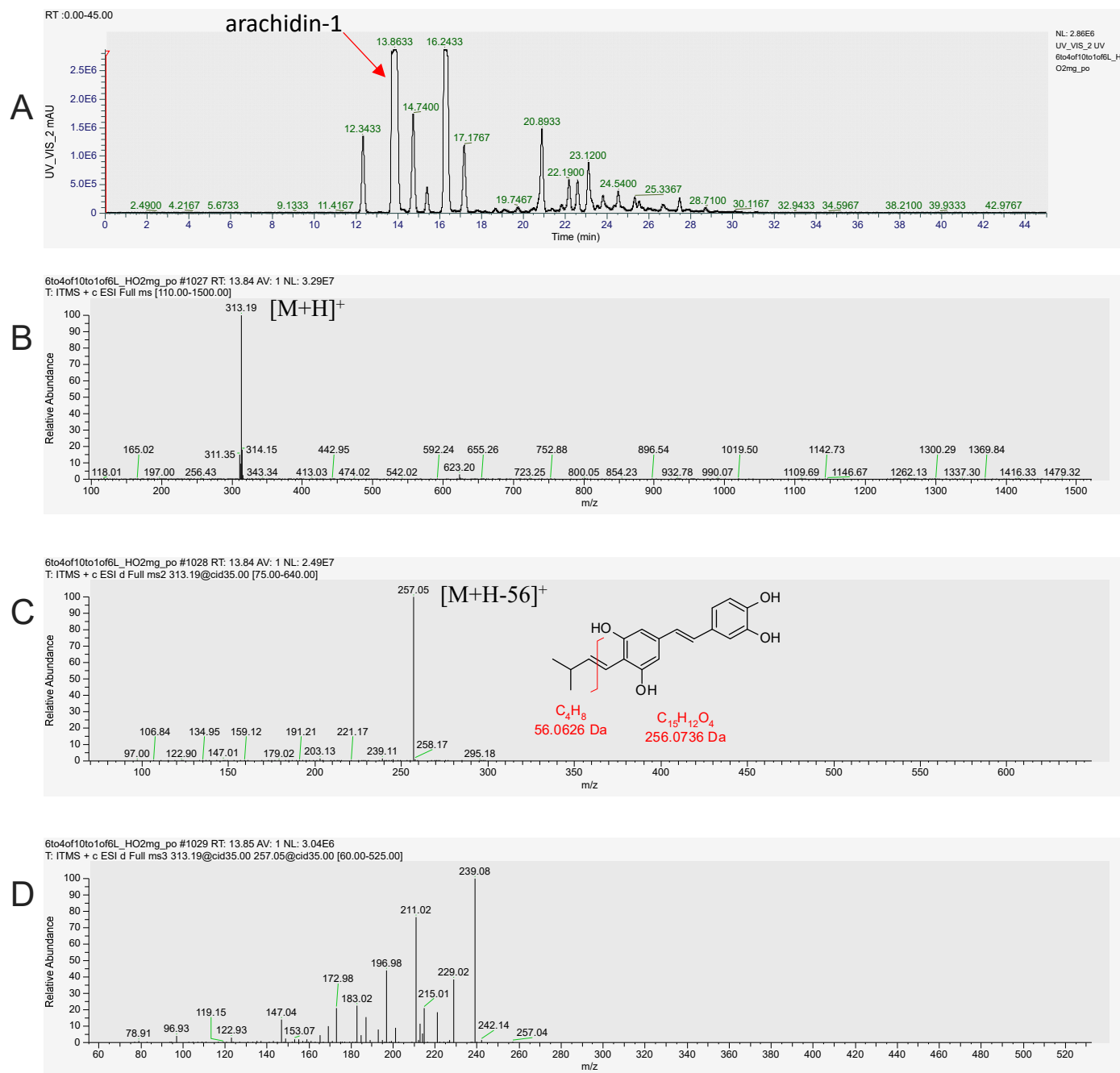
## Supplementary Materials



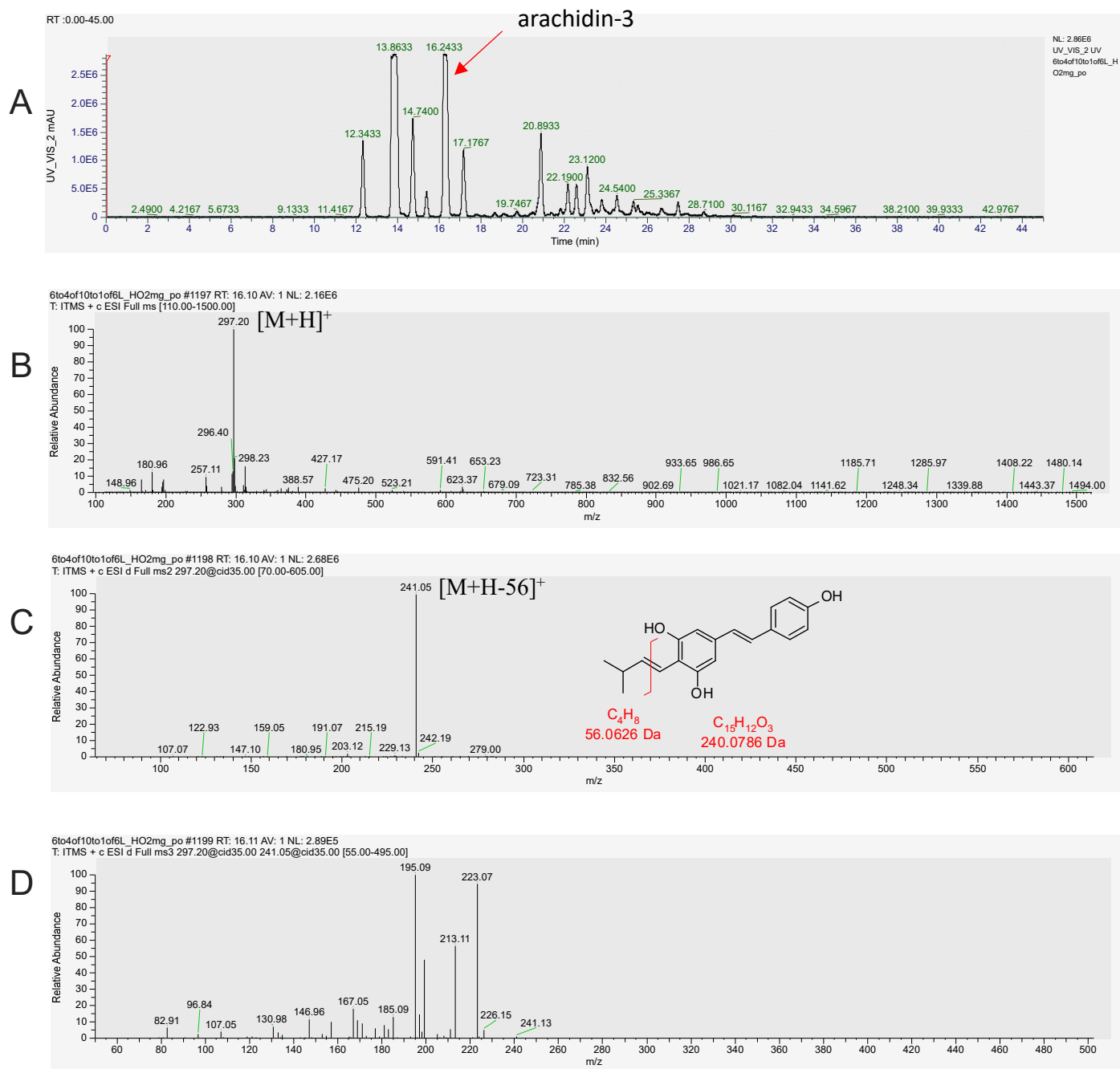
**Figure S1.** HPLC chromatograms of purified (**A**) arachidin-1 and (**B**) arachidin-3 (>95%) from hairy root cultures of peanut elicited with CD+H<sub>2</sub>O<sub>2</sub>. Detection was done at 340 nm.



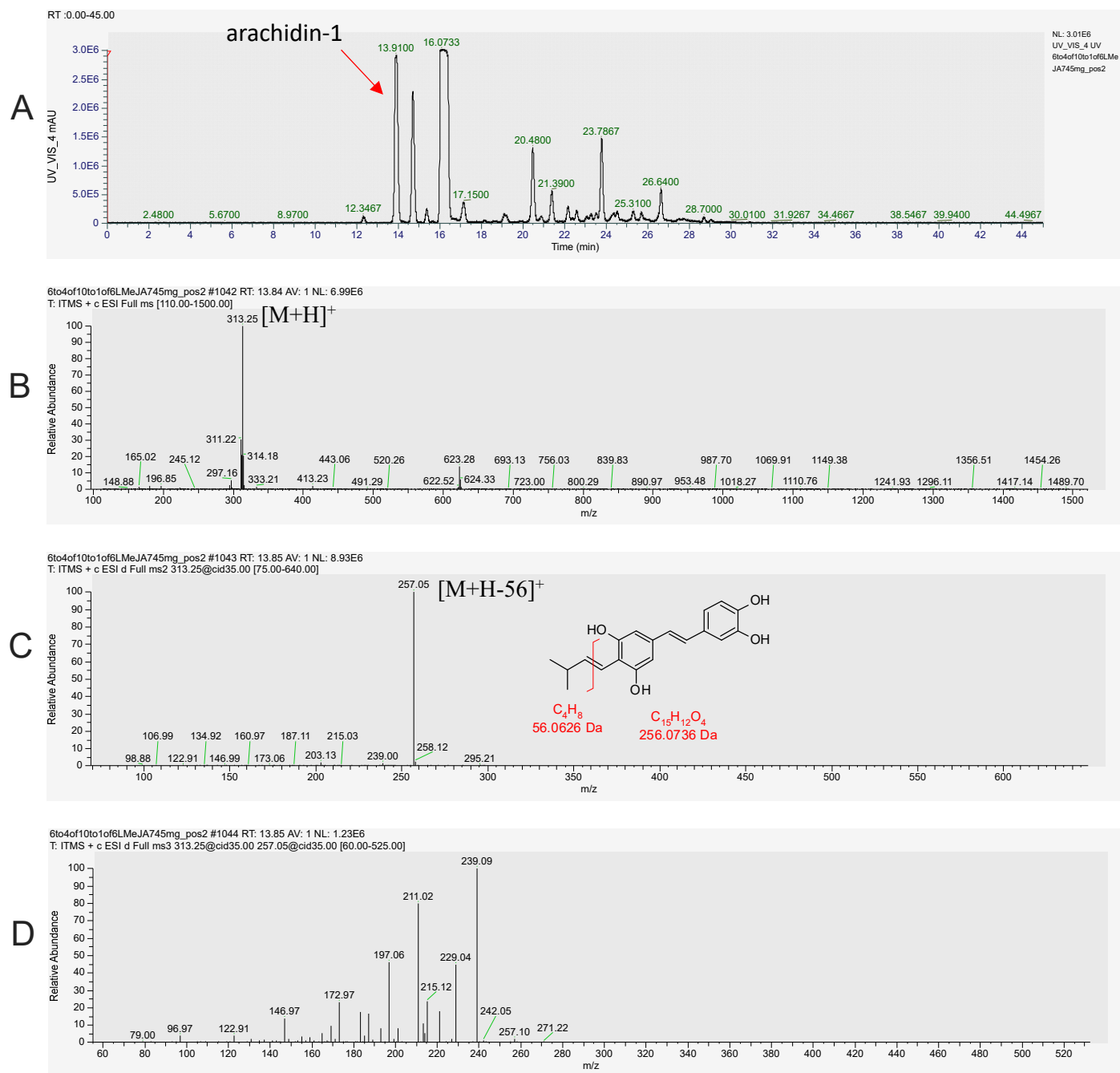
**Figure S2.** HPLC chromatograms of purified (A) arachidin-1 and (B) arachidin-3 (>95%) from hairy root cultures of peanut elicited with CD+MeJA. Detection was done at 340 nm.



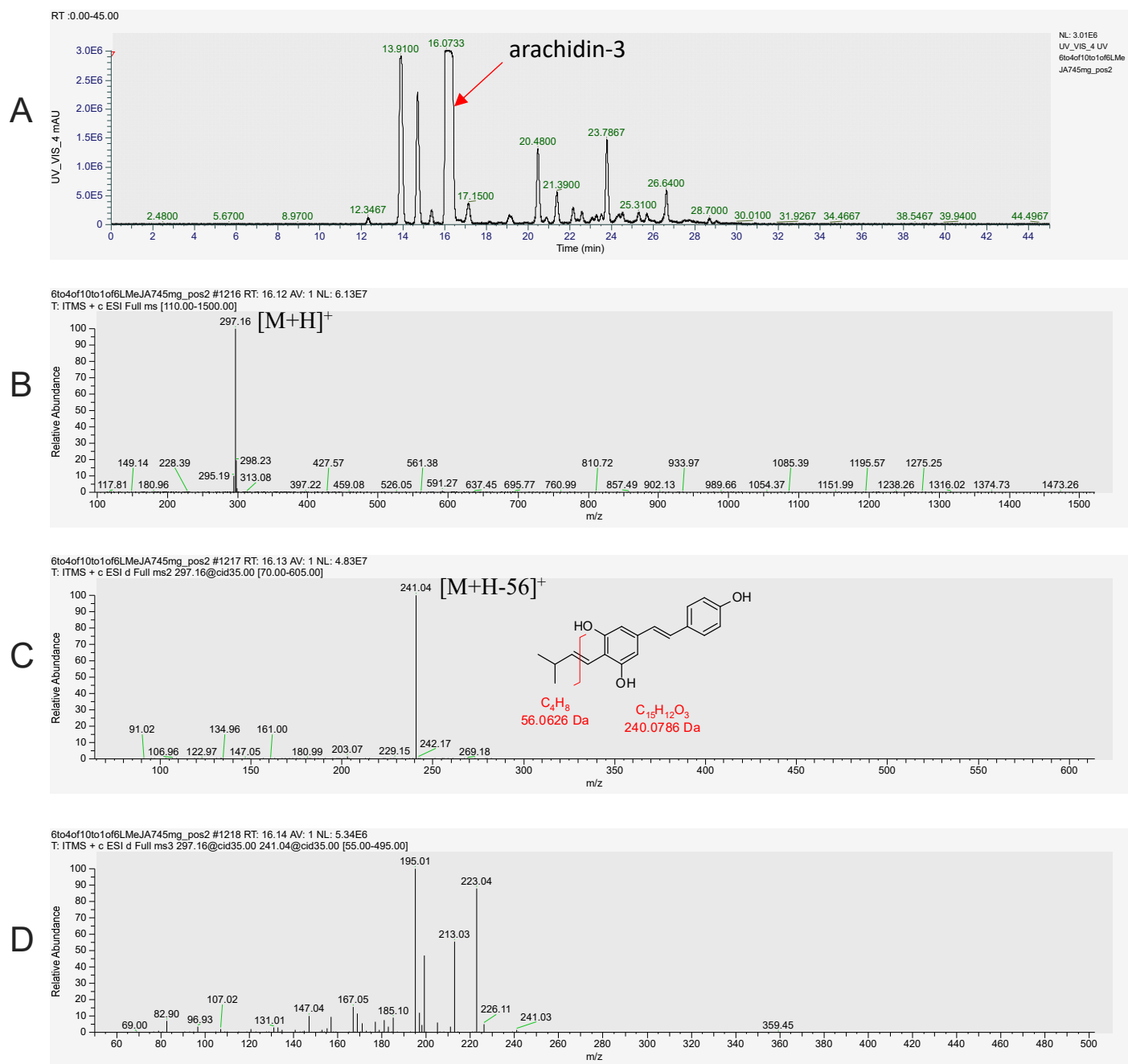
**Figure S3.** LC-MS analysis of arachidin-1 from CD+H<sub>2</sub>O<sub>2</sub> elicited extract in positive ion mode. **(A)** HPLC chromatogram; **(B)** MS ion chromatogram; **(C)** MS<sup>2</sup> ion chromatogram; **(D)** MS<sup>3</sup> ion chromatogram.



**Figure S4.** LC-MS analysis of arachidin-3 from CD+H<sub>2</sub>O<sub>2</sub> elicited extract in positive ion mode. **(A)** HPLC chromatogram; **(B)** MS ion chromatogram; **(C)** MS<sup>2</sup> ion chromatogram; **(D)** MS<sup>3</sup> ion chromatogram.



**Figure S5.** LC-MS analysis of arachidin-1 from CD+MeJA elicited extract in positive ion mode. **(A)** HPLC chromatogram; **(B)** MS ion chromatogram; **(C)** MS<sup>2</sup> ion chromatogram; **(D)** MS<sup>3</sup> ion chromatogram.



**Figure S6.** LC-MS analysis of arachidin-3 from CD+MeJA elicited extract in positive ion mode. **(A)** HPLC chromatogram **(B)** MS ion chromatogram; **(C)** MS<sup>2</sup> ion chromatogram; **(D)** MS<sup>3</sup> ion chromatogram.