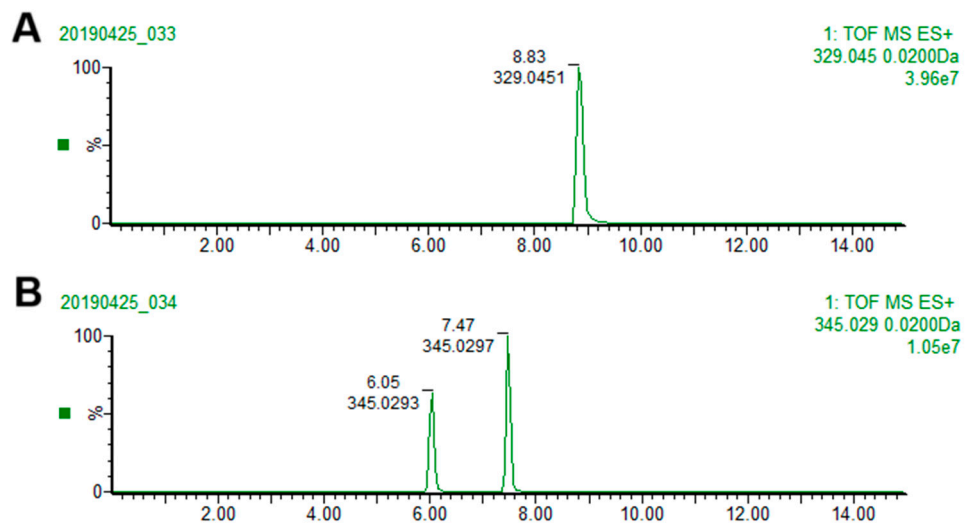


Table S1. Validation parameters for the determination of AFM<sub>1</sub> concentration in milk with HPLC-FLD method.

Item	LOD <sup>1</sup> [µg L <sup>-1</sup> ]	LOQ <sup>2</sup> [µg L <sup>-1</sup> ]	Recovery (%)	Repeatability (% RSD <sup>3</sup> )
AFM1	0.005	0.015	93	5.1

<sup>1</sup>, Limit of Detection; <sup>2</sup>, Limit of Quantification; <sup>3</sup>, Relative standard deviation



**Figure S1.** (A) Selected ion chromatography of AFM<sub>1</sub>; (B) Selected ion chromatography of CotA laccase-mediated AFM<sub>1</sub> oxidation products.