

Analytical and Bioanalytical Chemistry

Electronic Supplementary Material

**MS/MS analysis and imaging of lipids across *Drosophila* brain using
secondary ion mass spectrometry**

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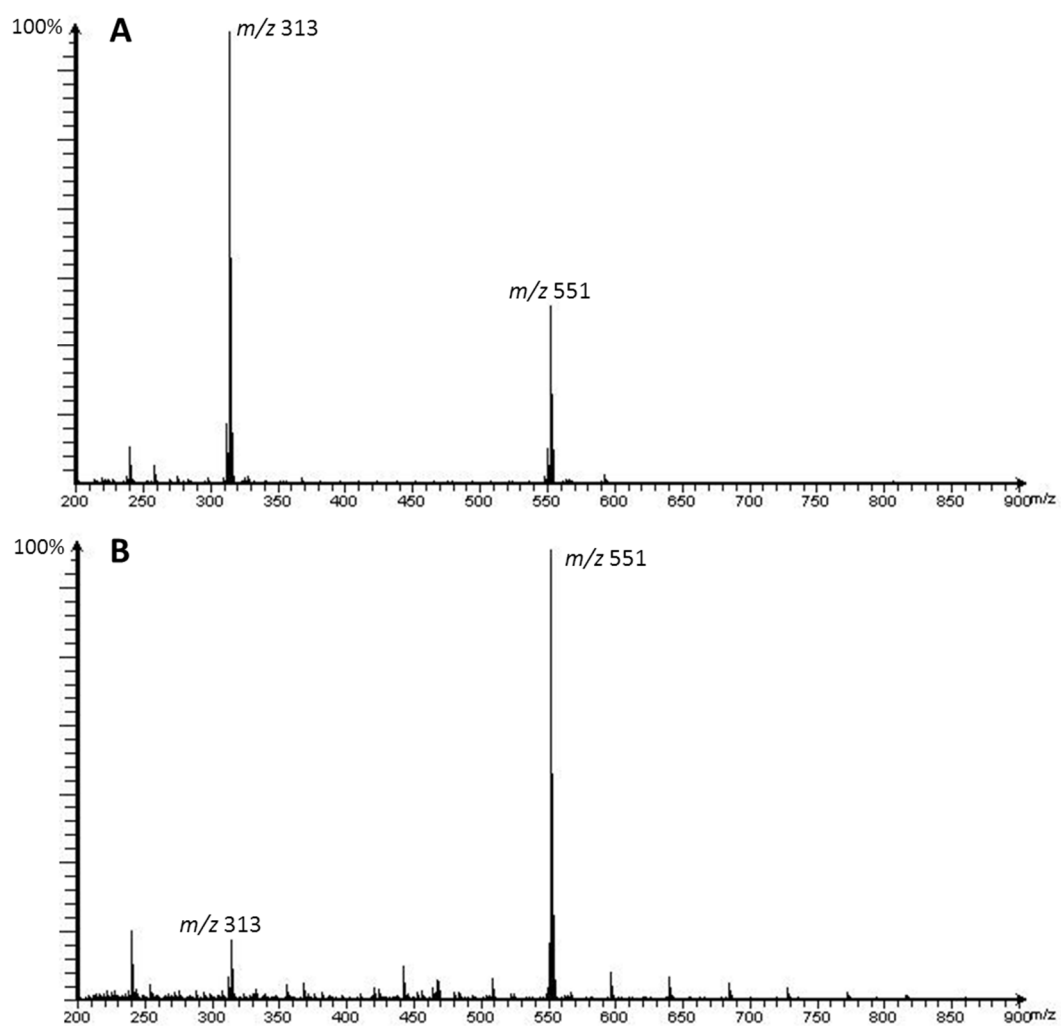


Fig. S1 Reference ToF-SIMS spectra of dipalmitate (a) and tripalmitate (b). The both spectra show the $[\text{RCO}+74]^+$ ion at m/z 313 and a peak at m/z 551 assigned as $[\text{M-OH}]^+$ for the dipalmitate and $[\text{M-RCOO}]^+$ for the tripalmitate