Electronic Supplementary Material (ESI) for Analytical Methods.

Supplementary data

Application of scanning electrochemical microscopy for topography imaging of supported lipid bilayers

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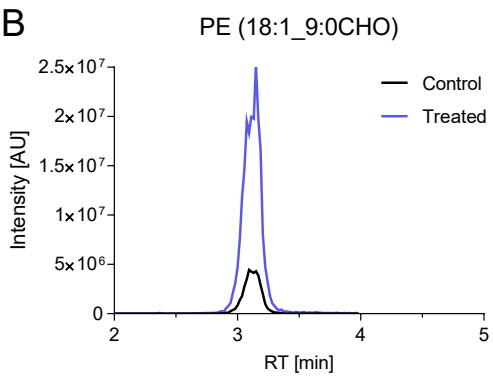
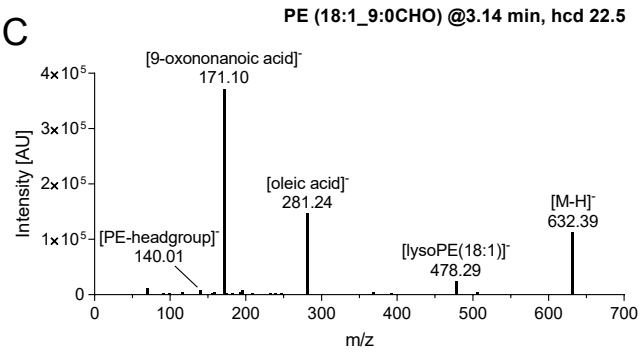
A

Lipid peroxidation product	m/z positive mode	m/z negative mode
DOPE (18:1_9:0CHO)	634.39	632.39
DOPE + 1O/keto/epoxy	760.54	758.53
DOPE + 3O	792.53	790.53





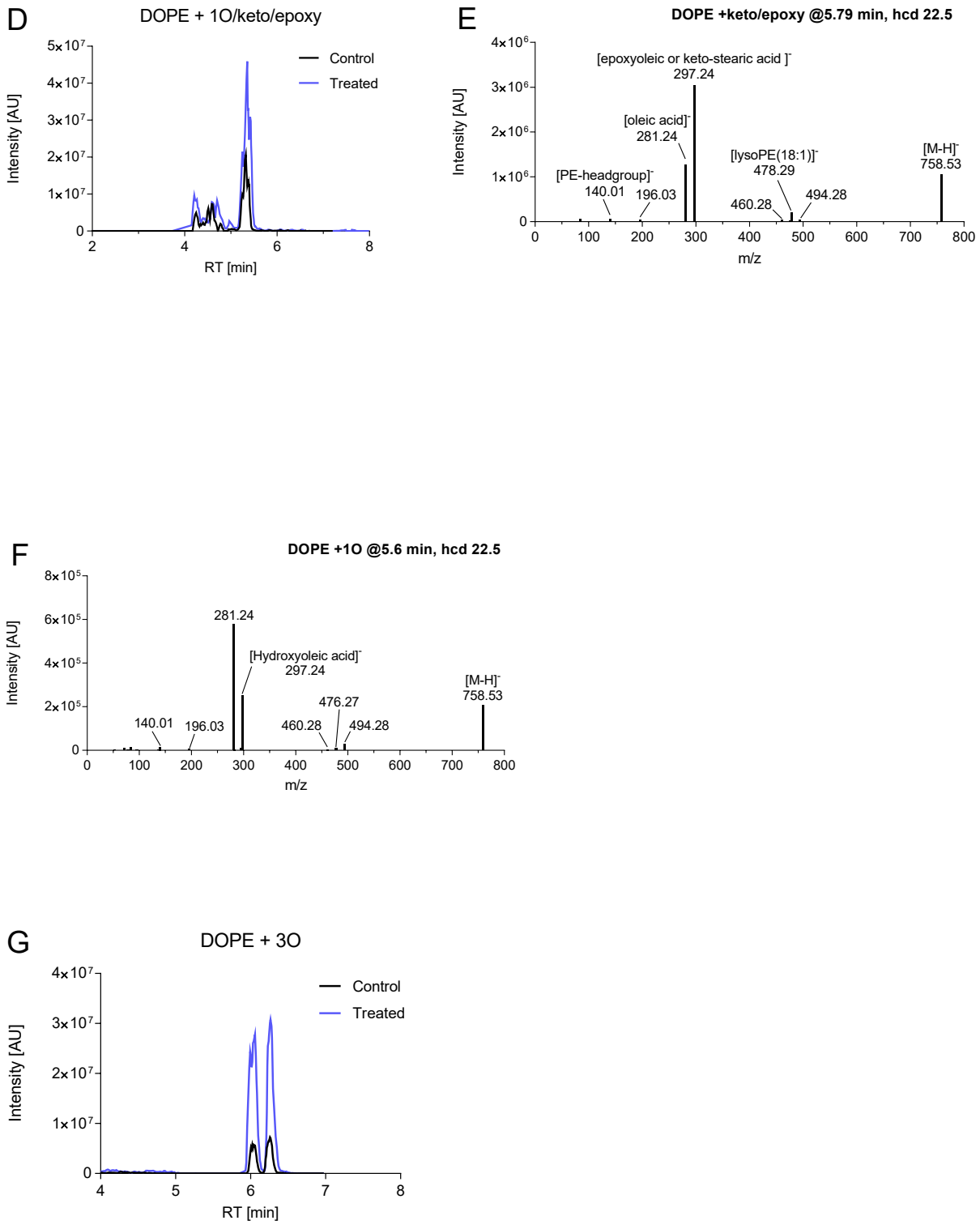


Figure S1: Validation of lipid peroxidation products (A) with corresponding extracted ion chromatograms (B,D,G) and MSMS fragmentation spectrum (E,F). For DOPE +1O/keto/epoxy precursor mass was identical, but MSMS fragmentation showed a distinct differentation between a modification with a keto or epoxy group and a hydroxylation (E,F). A modification with a keto or epoxy group could not be distinguished from each other.