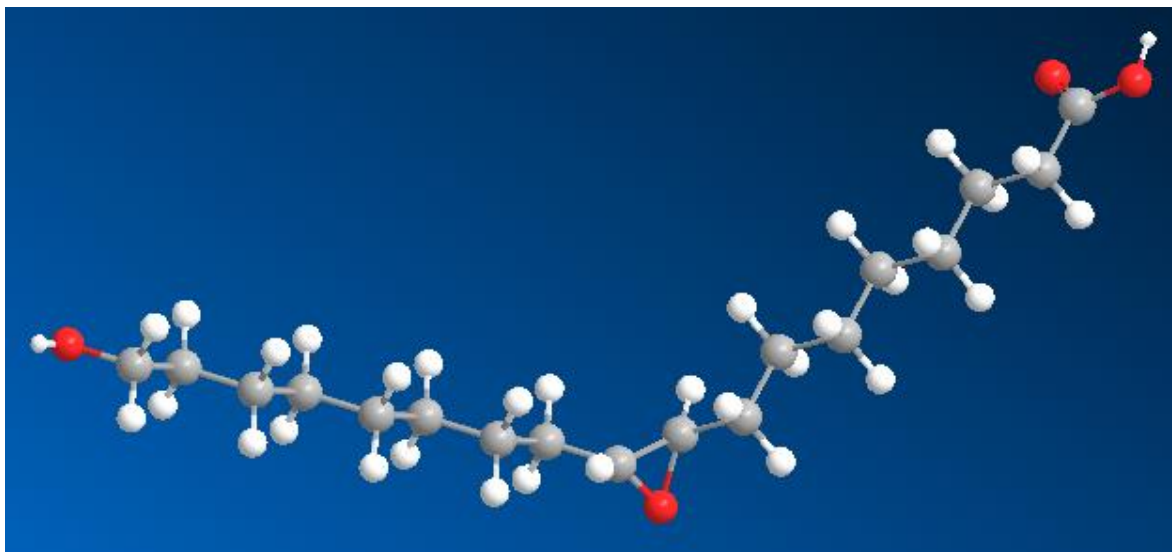


MONOMER I
9,10-EPOXY-18-HYDROXY-OCTADECANOIC ACID



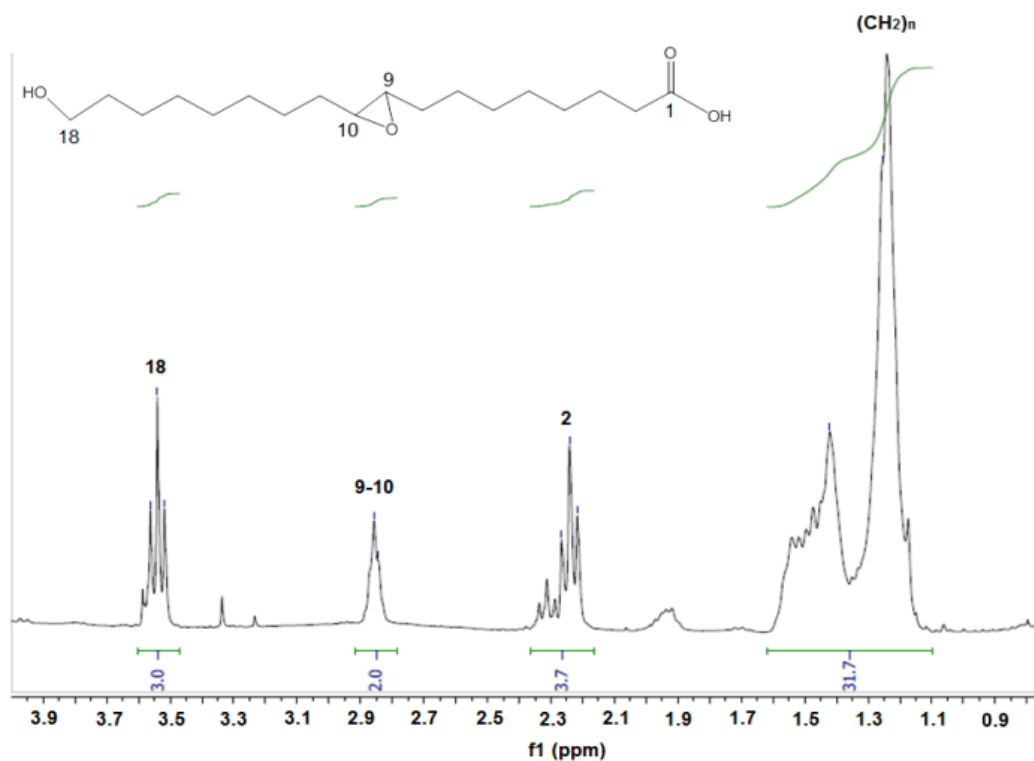


Figure S1. ^1H NMR spectra of 9,10-epoxy-18-hydroxy-octadecanoic acid.

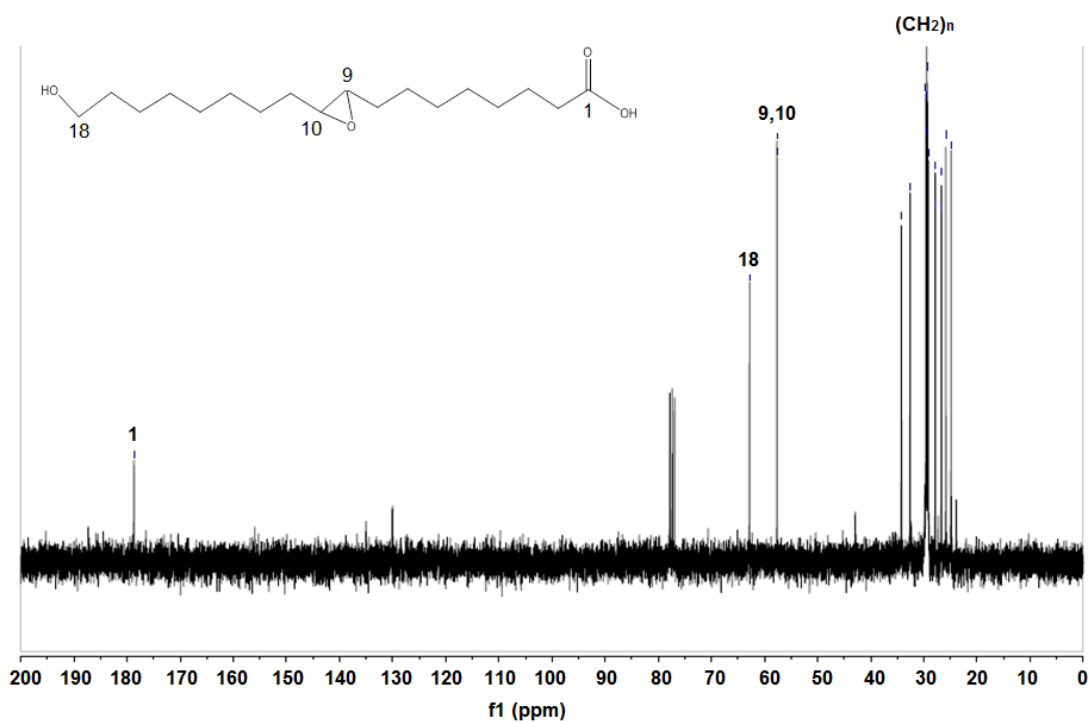


Figure S2. ^{13}C NMR spectra of 9,10-epoxy-18-hydroxy-octadecanoic acid.

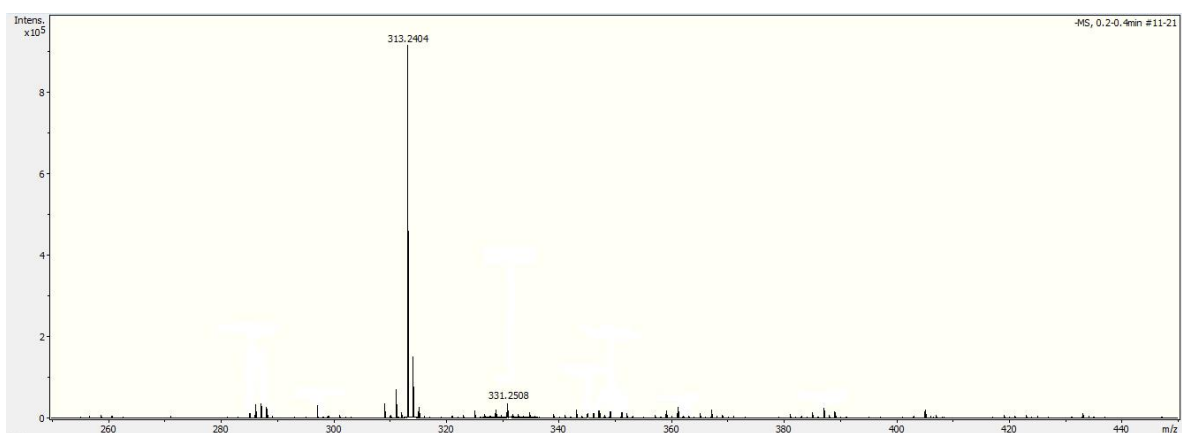


Figure S3. DIESI-MS spectra of 9,10-epoxy-hydroxy-octadecanoic acid.

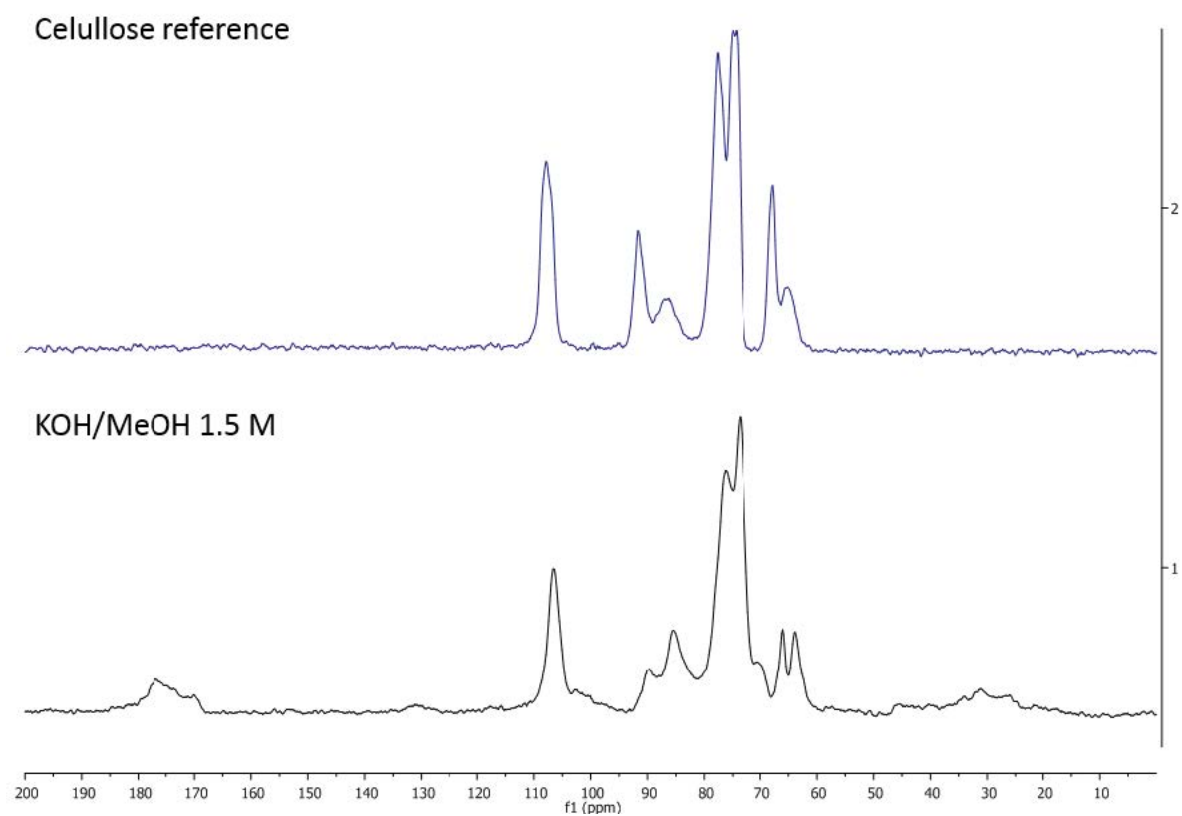


Figure S4. Comparative analysis of the cellulose (upper spectra) and residual cuticular material from the alkaline hydrolysis (KOH/MeOH 1.5 M)

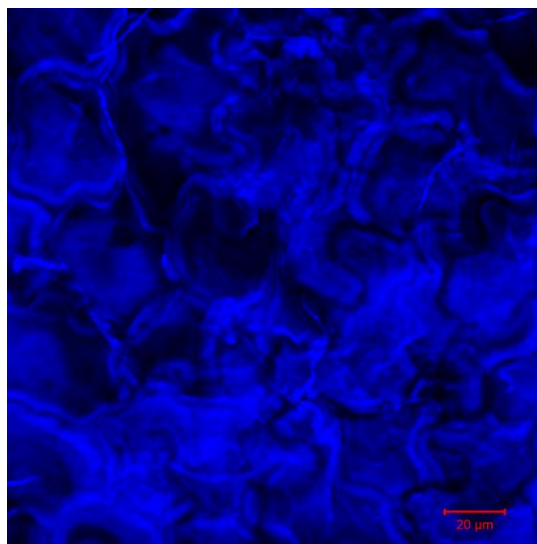


Figure S5. Cellulose fluorescence with calcofluor staining (405 nm) of the residual cuticular material from the alkaline hydrolysis (KOH/MeOH 1.5 M)