

**A facile method for simultaneous analysis of phytosterols,
erythrodiol, uvaol, tocopherols and lutein in olive oils by LC-MS**

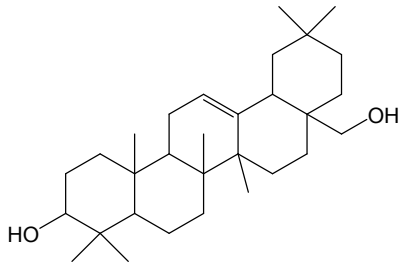
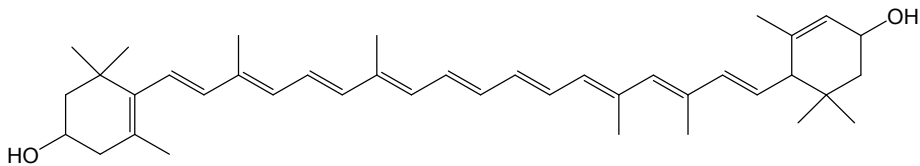
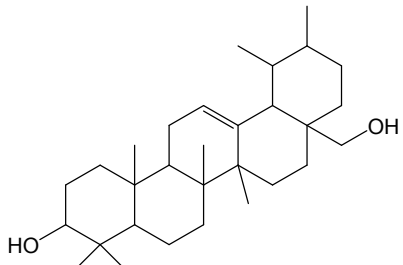
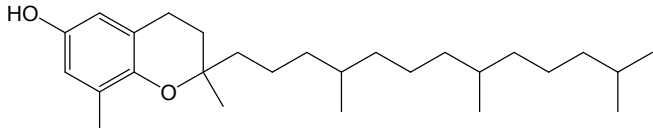
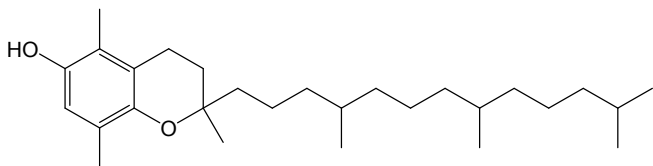
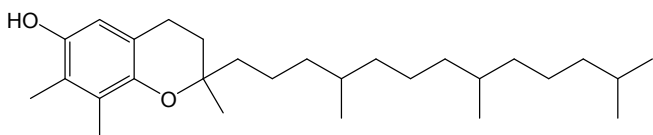
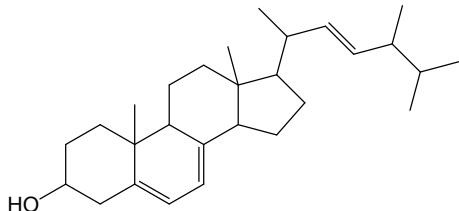
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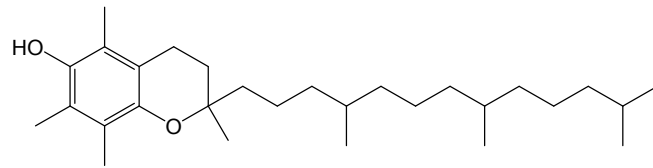
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Supplementary material

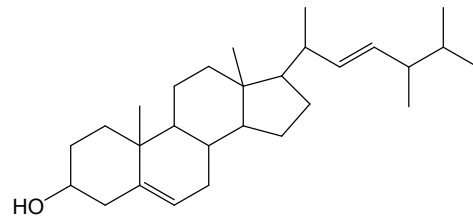
Table S1 Chemical structures of phytosterols, erythrodiol, uvaol, tocopherols and lutein

Compound	Chemical structure
Erythrodiol	
Lutein	
Uvaol	
δ -tocopherol	
β -tocopherol	
γ -tocopherol	
Ergosterol	

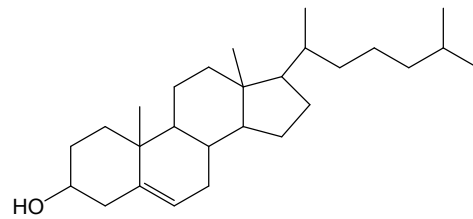
α -tocopherol



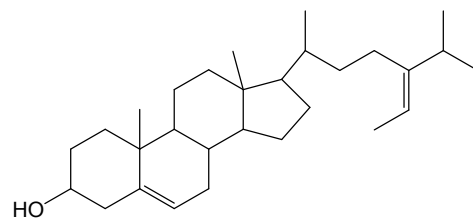
Brassicasterol



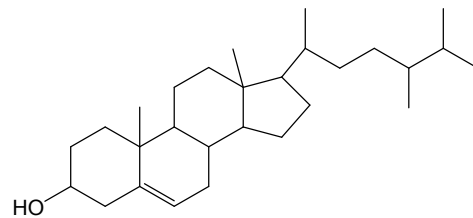
Cholesterol



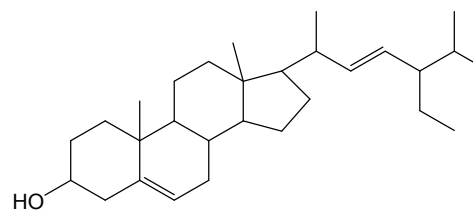
Fucosterol



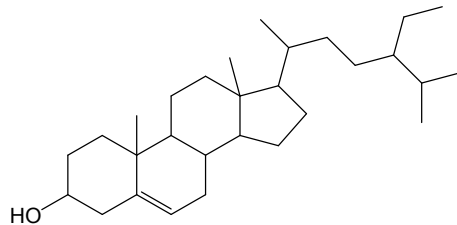
Campesterol

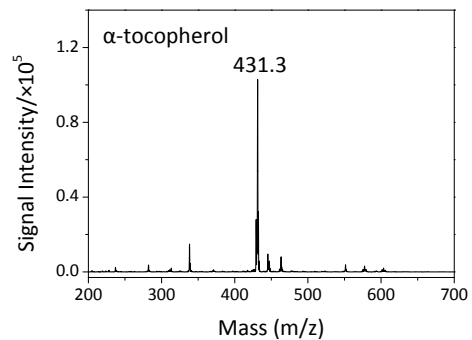
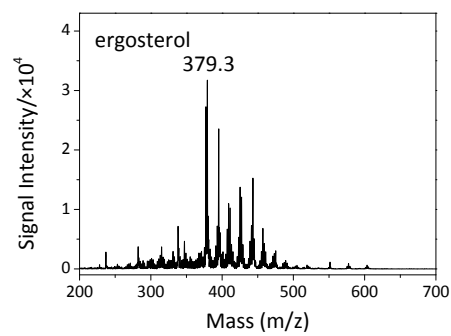
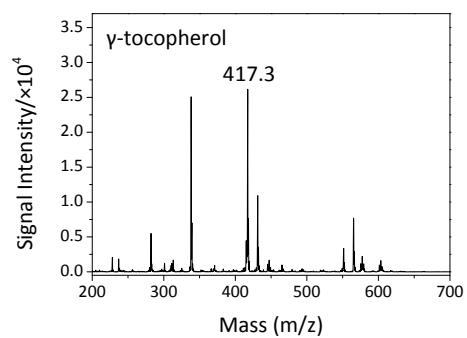
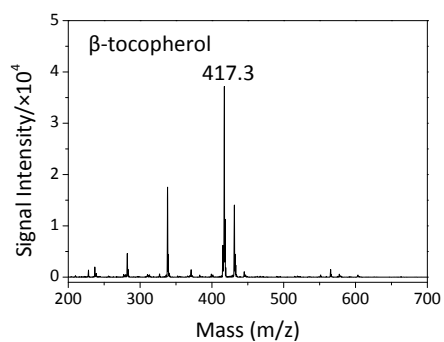
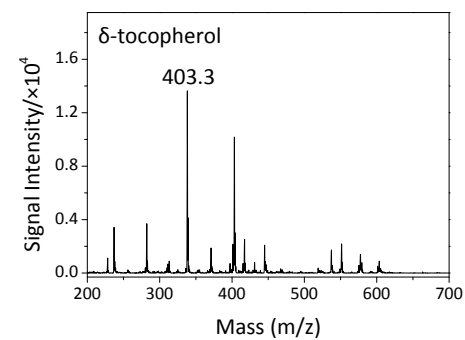
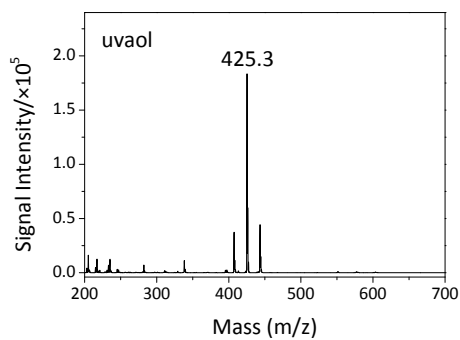
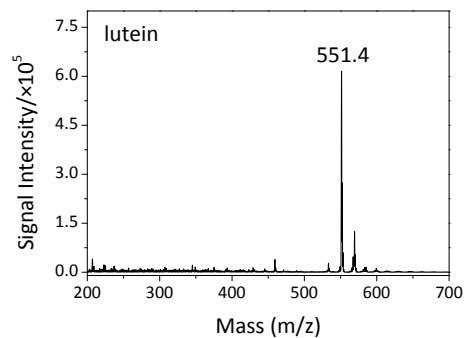
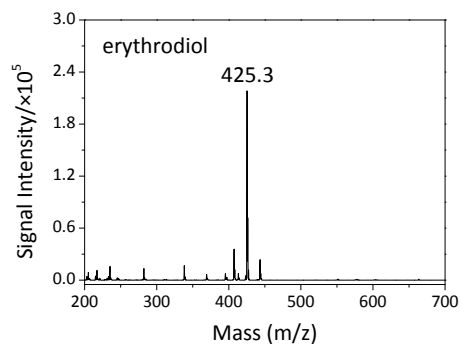


Stigmasterol



β -sitosterol





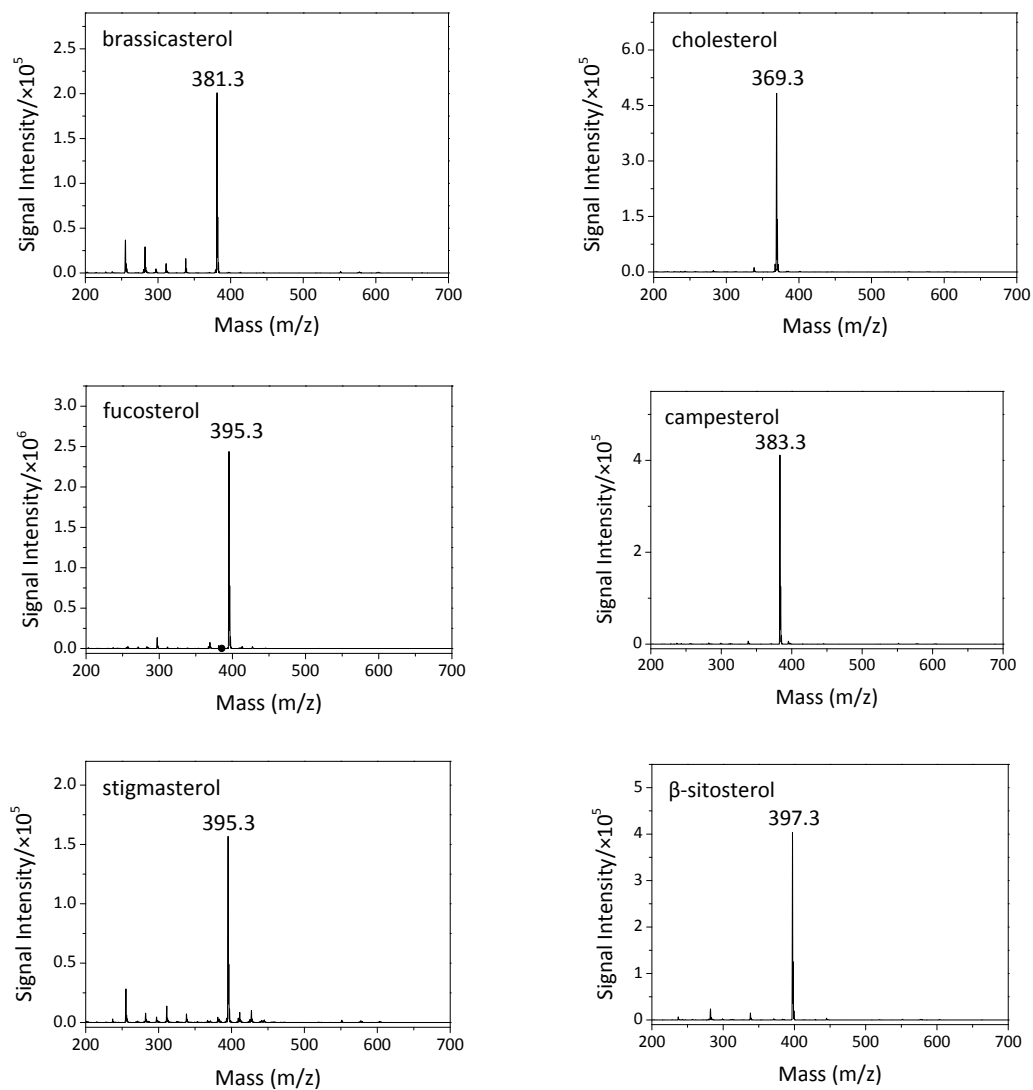


Fig. S1 APCI-MS spectra of phytosterols, erythrodiol, uvaol, tocopherols and lutein standards.