

Figure S1. Outline of the method used for extraction of lipophilic compounds containing carotenoids, sterols, and fatty acids

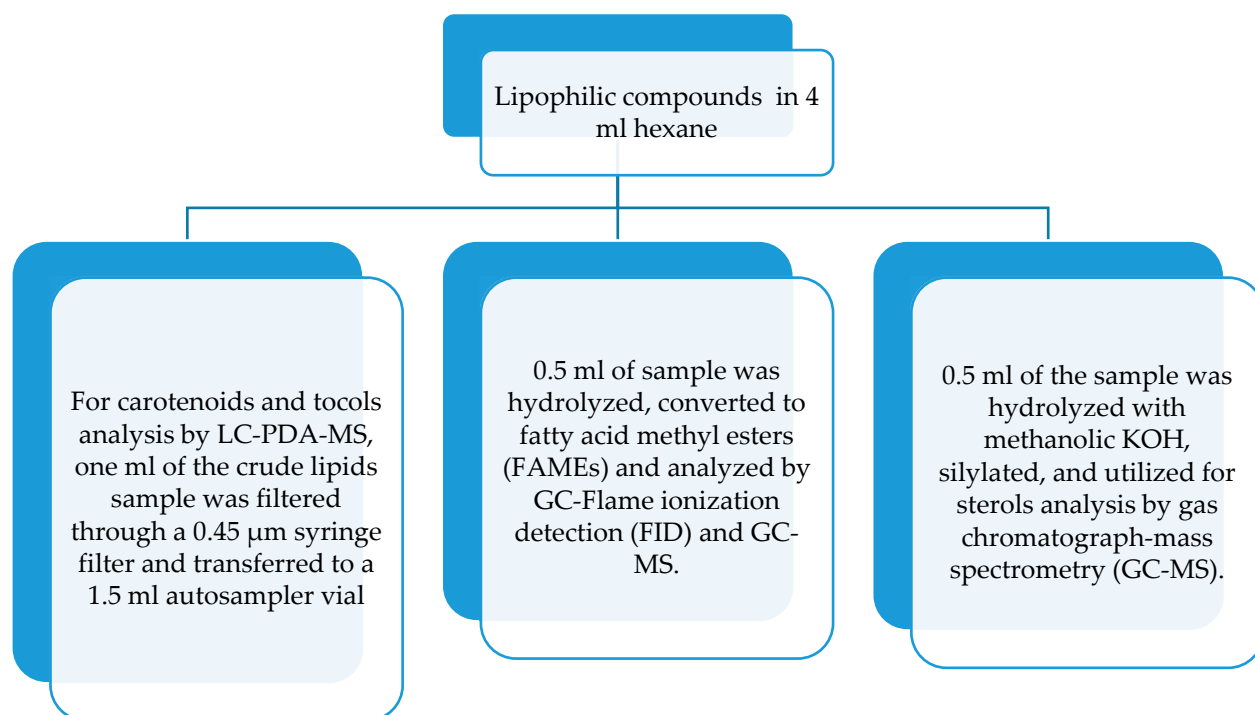
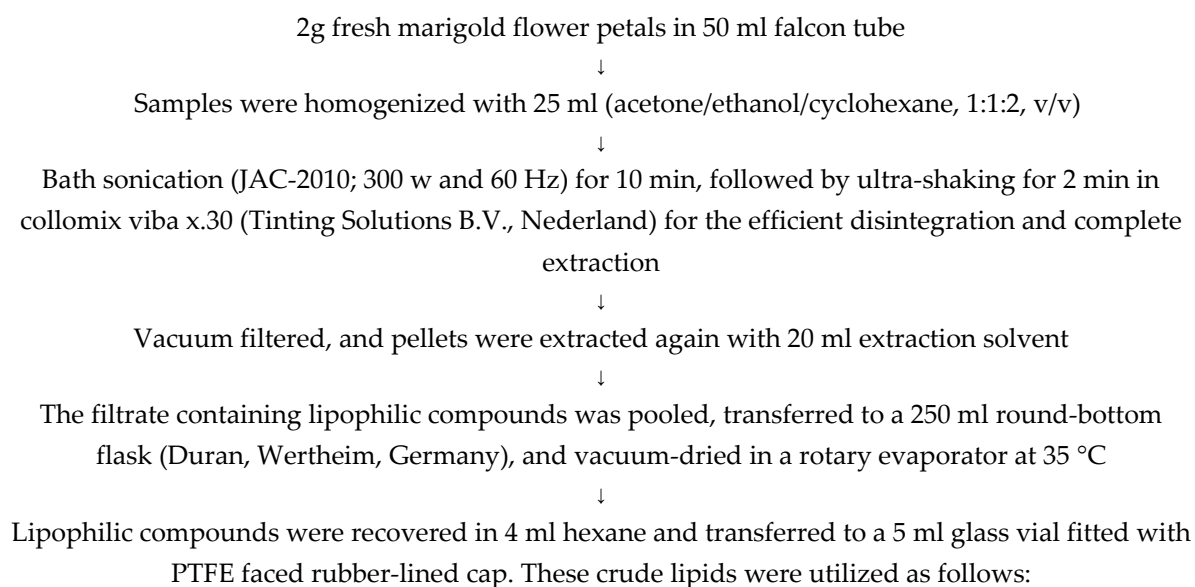


Figure S2. Outline of methods used for the hydrolysis and fatty acid methyl preparation (FAME) for GC-FID and GC-MS analysis

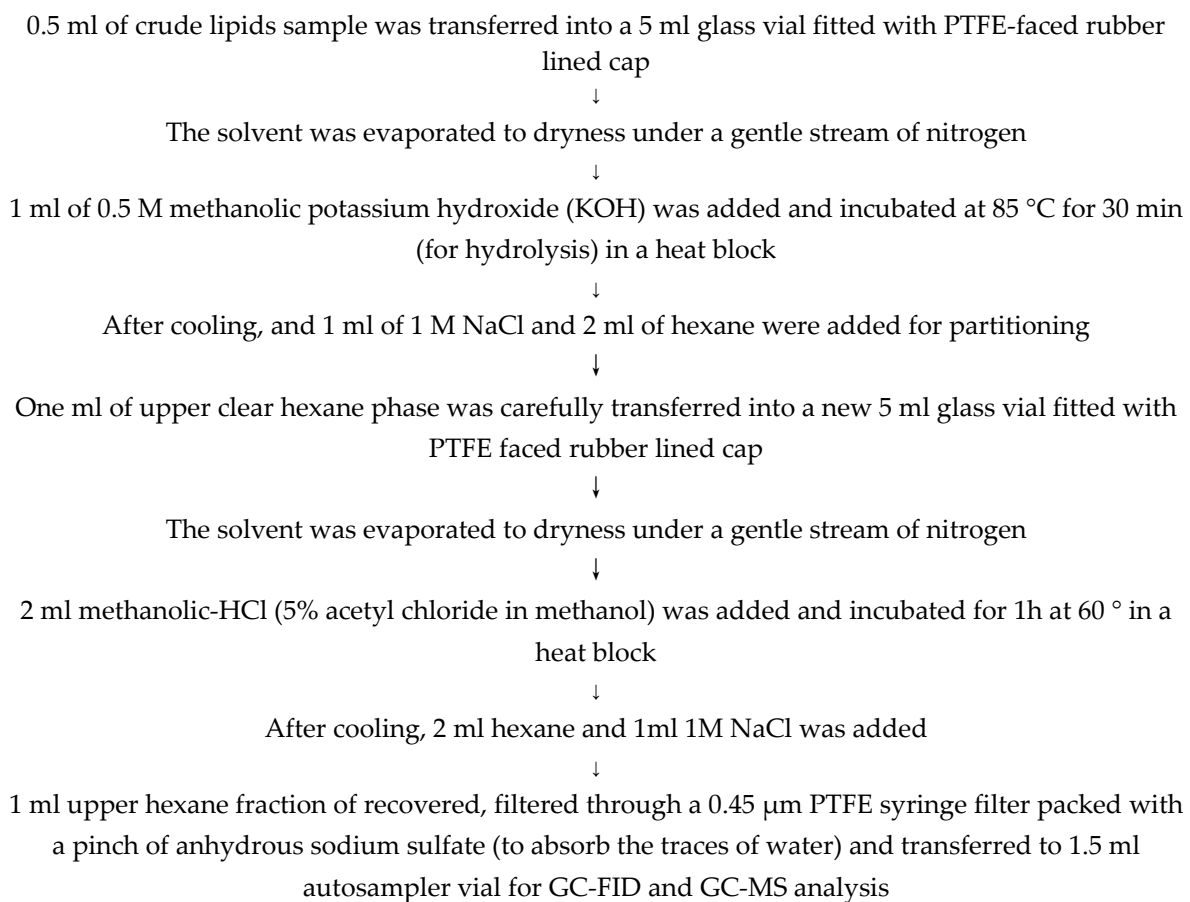


Figure S3. Outline of methods used for the hydrolysis and silylation of sterols for GC-MS

