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Supporting information for

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4 **Biocompatible fluorocarbon liquid underlays for in situ extraction**

5 **of isoprenoids from microbial cultures**

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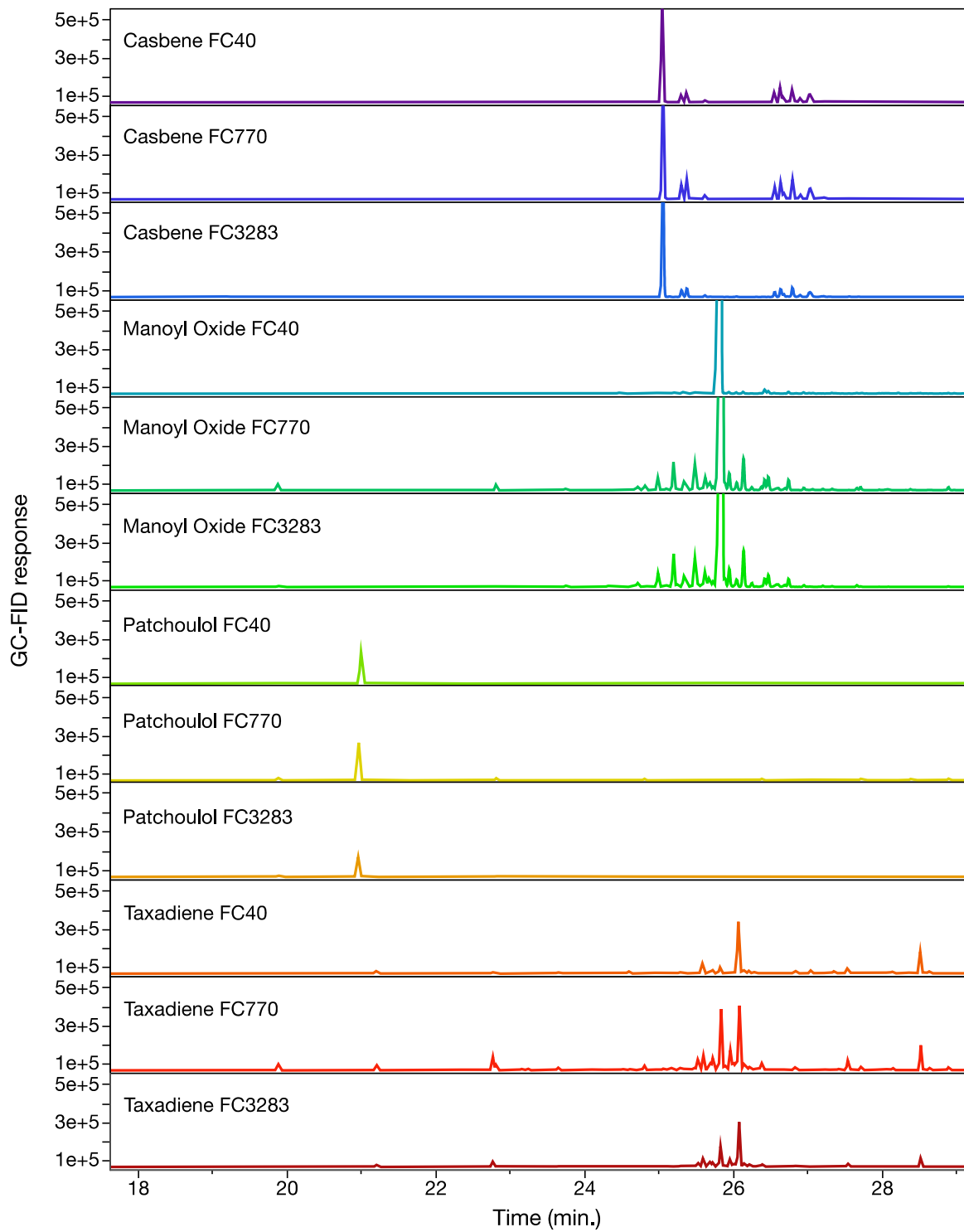
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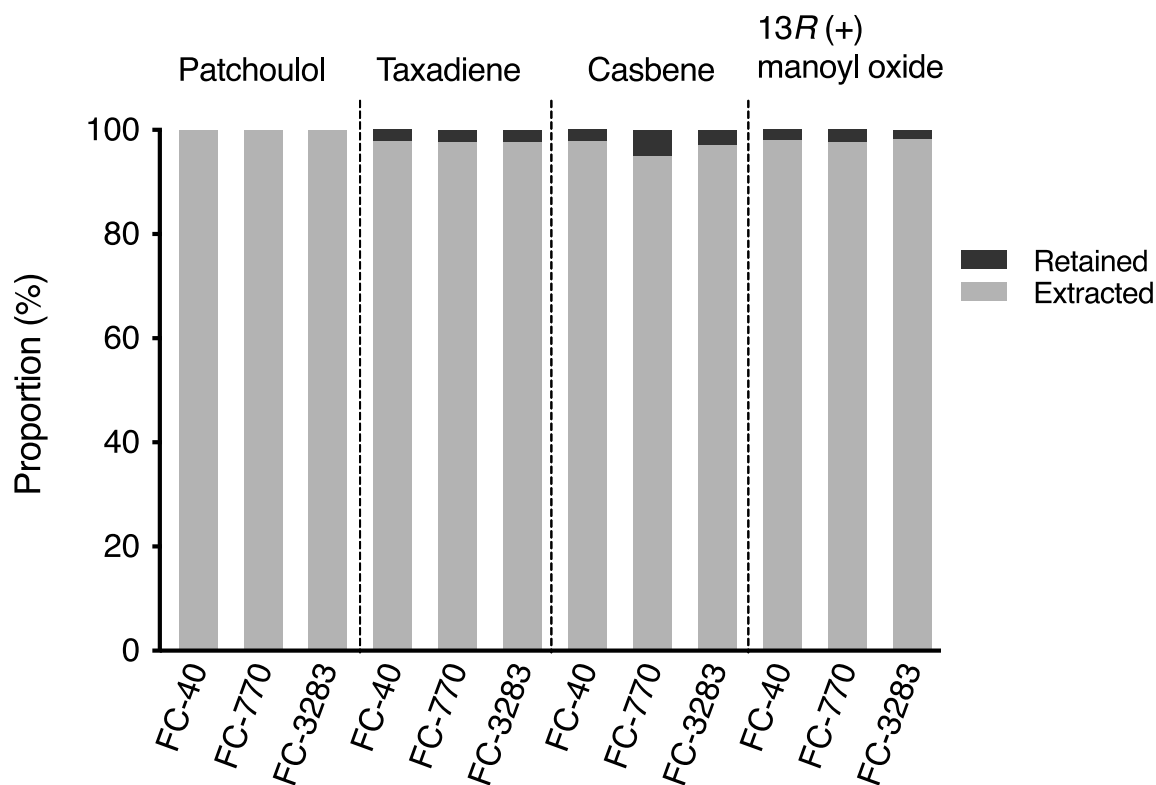
19 Suppl. Figures 1 & 2



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21 **Suppl. Figure 1.** Representative GC-FID chromatograms of FC-40, FC-70 and FC-
 22 3283 underlays after 10 d of 2-phase solvent-medium culturing with different
 23 engineered terpenoid-producing *C. reinhardtii* strains.

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28 **Suppl. Figure 2.** Extraction efficiency of various terpenoids accumulated in different
 29 FCs after accumulation from two-phase engineered algal culture. Liquid-liquid
 30 extraction with 96% ethanol (1:1 v/v) for 16 h was performed on FCs. Grey bars
 31 indicate the proportion (%) of terpenoid concentration observed in ethanol after
 32 extraction compared to starting concentration in each FC.