Supporting Figure Legends

**Supporting Fig. 1.** GC/MS profiles of turmeric rhizome extracts from in vitro propagated T3C, in vitro hydroponic grown T3C, greenhouse grown T3C, in vitro propagated HRT, and greenhouse grown HRT plants. Chromatograms are total ion chromatograms (TICs).

**Supporting Fig. 2.** GC/MS profiles of different tissues: rhizome, root, leaf and shoot, from in vitro propagated / greenhouse grown HRT plants. Chromatograms are total ion chromatograms (TICs).

**Supporting Fig. 3.** LC-ESI-MS profiles of turmeric rhizome extracts from in vitro propagated and greenhouse grown T3C and HRT plants, and from hydroponically grown T3C plants derived from in vitro propagated plantlets. Chromatograms are total ion chromatograms (TICs).