

Supplementary Materials

Puree and juice of Thai mango and pineapple analyzed by
high-performance thin-layer chromatography hyphenated with
effect-directed assays

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Table S1. Investigated mobile phases 1–6, which led to successful separations in previous projects: methanolic extracts (10 μ L; 0.4 g/mL or 4 mg/area) applied as 6 (or 7) x 3 mm area, developed on HPTLC silica gel 60 F₂₅₄ plates with mobile phases as listed up to 60 mm, derivatized with anisaldehyde sulfuric acid reagent and documented at FLD 366 nm.

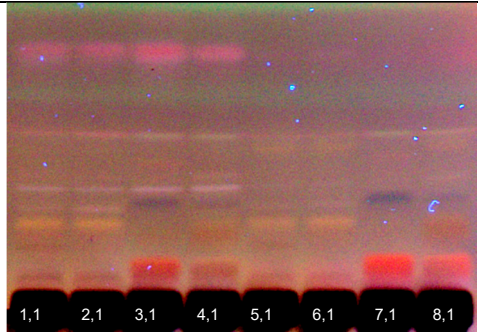
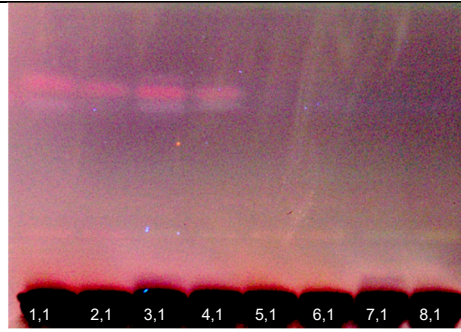
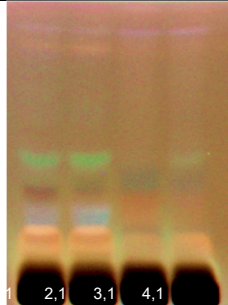
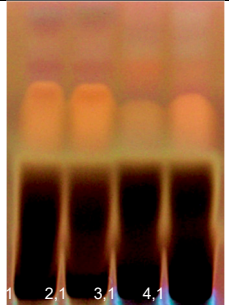
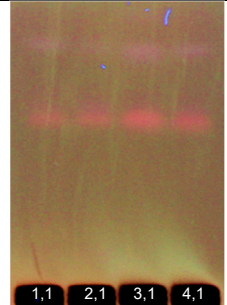
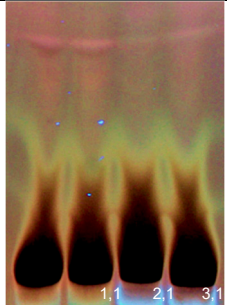
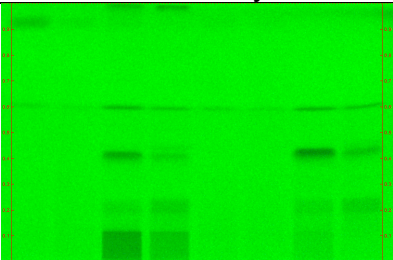

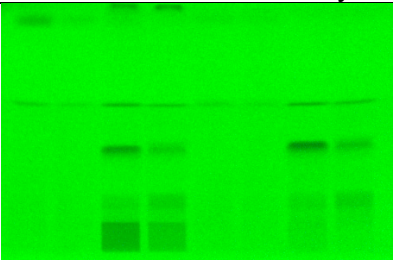

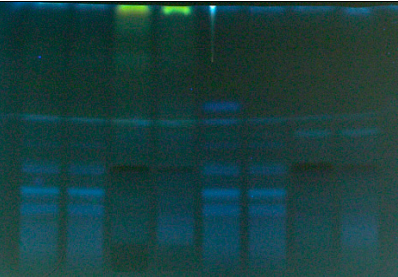
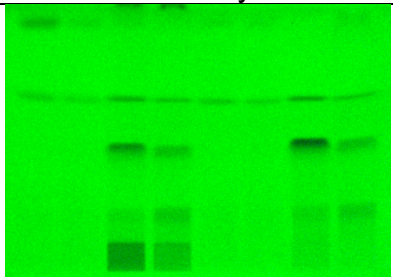
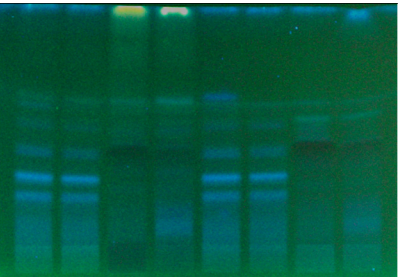
<p>1</p>  <p>1,1 2,1 3,1 4,1 5,1 6,1 7,1 8,1</p> <p>Toluene – ethyl acetate – methanol – formic acid 2.4:1.8:0.7:0.06, V/V/V/V</p>	<p>2</p>  <p>1,1 2,1 3,1 4,1 5,1 6,1 7,1 8,1</p> <p>Toluene – ethyl acetate – formic acid 7:3:0.1, V/V/V</p>		
<p>3</p>  <p>1 2,1 3,1 4,1</p> <p>Ethyl acetate – toluene – formic acid – H₂O 8:2:1.5:1, V/V/V/V</p>	<p>4</p>  <p>1 2,1 3,1 4,1</p> <p>Ethyl acetate – 2-butanone – formic acid – H₂O 5:3:2:1, V/V/V/V</p>	<p>5</p>  <p>1,1 2,1 3,1 4,1</p> <p><i>n</i>-Hexane – ethyl acetate 6.5:3.5, V/V</p>	<p>6</p>  <p>1,1 2,1 3,1</p> <p>Acetonitrile – H₂O 4:1, V/V, + 8 mg diphenylboric acid - 2-aminoethylester</p>

Table S2. Chromatograms at UV 254 nm and FLD 366 nm before the respective assay detection as in Fig. 4.

UV 254 nm	FLD 366 nm
Before the DPPH• assay	
	
Before the <i>A. fischeri</i> bioassay	
	
Before the <i>B. subtilis</i> bioassay	
No F ₂₅₄ plate	
Before the AChE assay	
	
Before the tyrosinase assay	
