The polar fraction was a glycoside mixture which have aglycone TLC profile (after refluxing with 2N HCL) as follows:

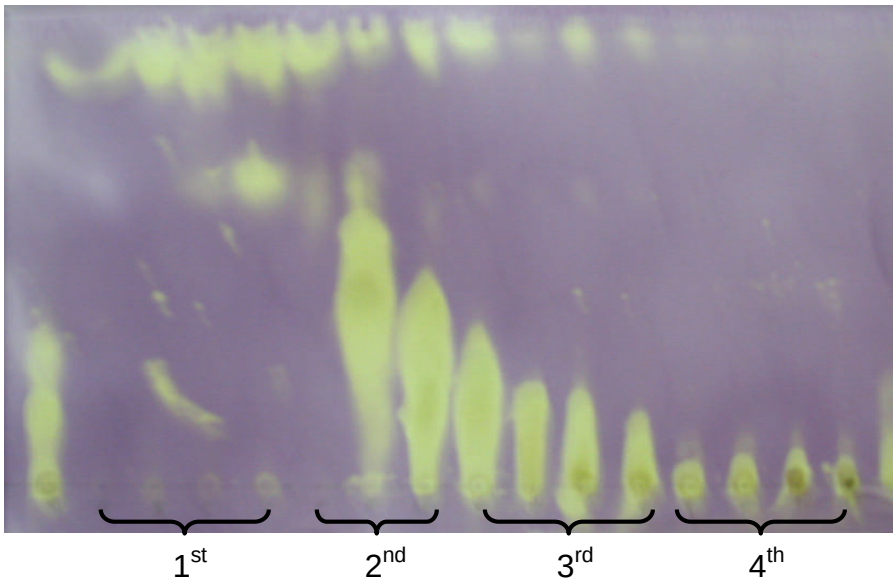

Fig. 1. TLC profile of VLC fractions

(stationary phase: SiO_2,F_{254nm}; mobile phase n-hexane-AcOEt 1:1 /v; visualitation with free radical DPPH)

The fractions then grouped based on the TLC profile. While there are numerous spots which entrap DPPH radical (antioxidant reduce the DPPH radical, producing white spots on a purple background), the potency of these fractions lower than ascorbic acid and only one fraction which have IC_{50} values < 100 ppm i.e 3^{rd} fraction (IC_{50}= 46.24 ppm).

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