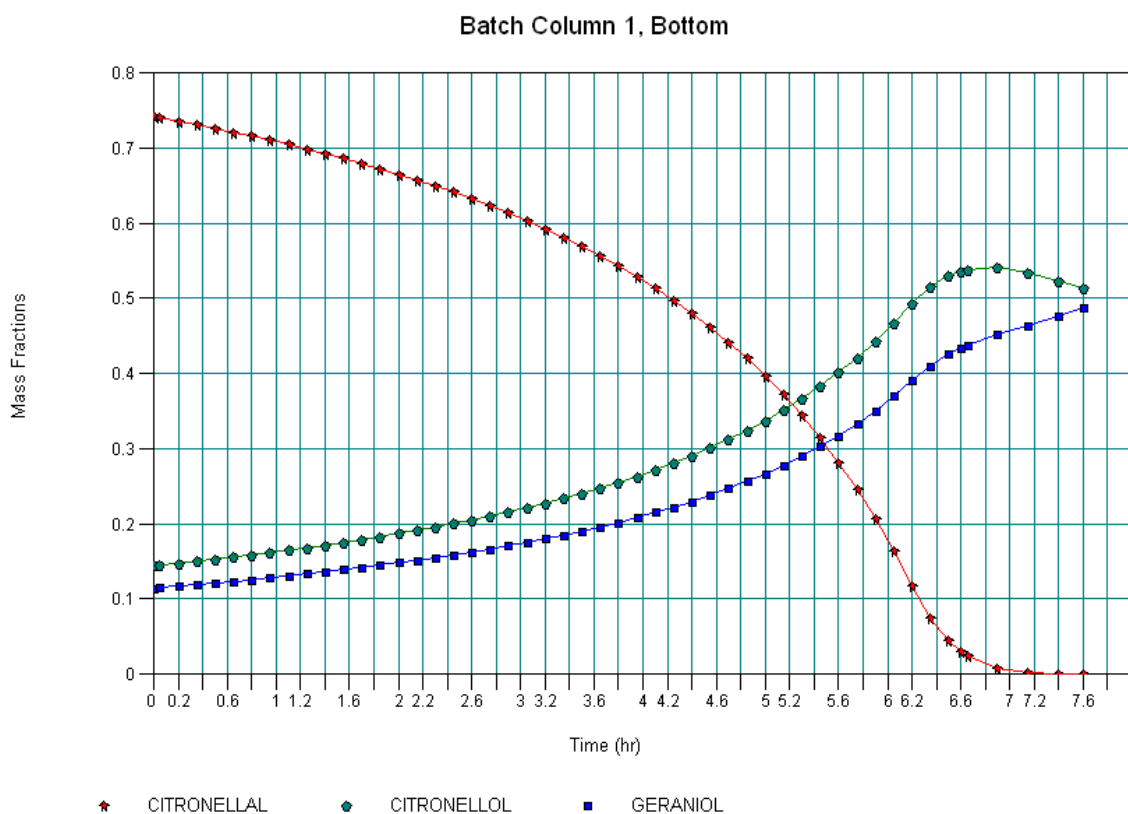


Batch Distillation of Essential Oils (CC-Batch)



DESCRIPTION:

The CC-Batch module is a package for rigorous calculations of batch distillation processes.

A new packed column, equivalent to 34 theoretical plates, was designed to separate Citronella oil into citronellal and mixture of citronellol and geraniol. The process had to be carried out under vacuum of order of 1 mmHg.

The properties of essential oil components have been calculated with prediction features of CHEMCAD.