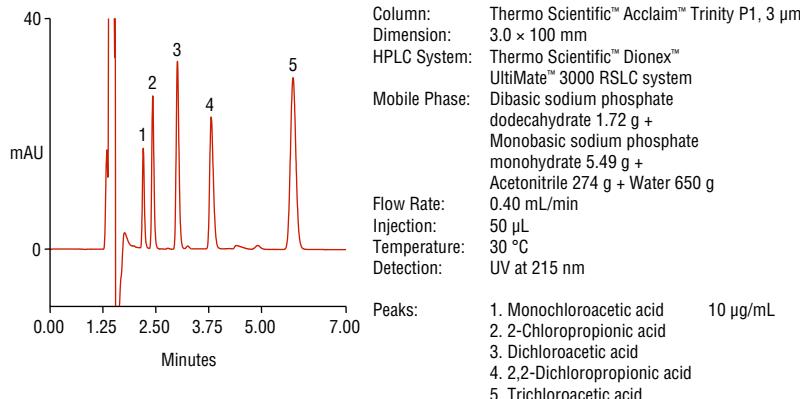


## Chloro-Acids Using Acclaim Trinity P1



PB20651\_E 10/12S

Trichloroacetic acid (TCA) and 2,2-Dichloropropionic acid (Dalapon) are used as herbicides. Occupational exposure limits (1 ppm in air) are established for these substances for industrial workers. Typically, air samples are adsorbed on silica gel, and eluted with deionized water; see OSHA provisional method PV2017. Compared to reversed-phase columns, the Acclaim Trinity-P1 allows better control of the retention and resolution. As a further benefit, this column is resistant to overloading: large injection volumes (up to 100  $\mu$ L) are tolerated with no loss of resolution.