

## Daicel Columns for SFC

Daicel polysaccharide columns are well established for use in SFC separations. In addition to the benefits of speed of separation, speed of method development and improved column efficiency, green SFC technology reduces the use of organic solvents. Although the standard Daicel analytical HPLC columns (see pages 81- 84) can be used in SFC, semi-preparative CHIRALPAK and CHIRALCEL SFC columns are packed specifically to withstand the higher pressures of SFC.

Screening is recommended on the four main immobilized phases (IA, IB, IC and ID) and the four main coated columns (AD, OD, AS and OJ) with varying concentrations of organic modifier. Figures 14 and 15 illustrate the fast and efficient analyses possible using Daicel SFC columns.

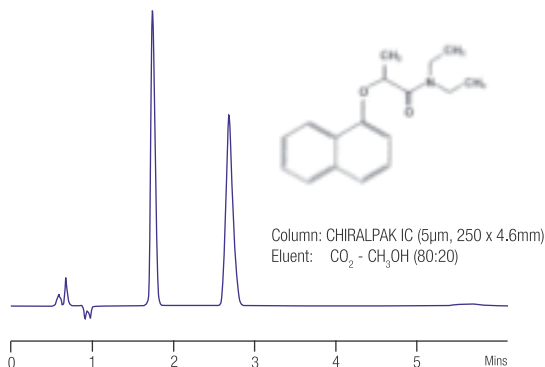


Figure 14. SFC separation of devrinol

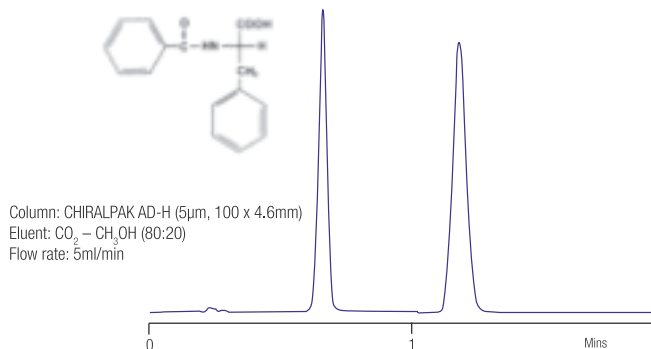


Figure 15. SFC separation of 1-naphthylethanol

### Ordering Information - SFC Phases

5µm Phase	Column Dimensions <sup>1</sup> (mm)		
	100 x 4.6	250 x 10	250 x 20
CHIRALPAK IA SFC	80423	80435	80445
CHIRALPAK IB SFC	81423	81435	81445
CHIRALPAK IC SFC	83423	83435	83445
CHIRALPAK ID SFC	84423	84435	84445
CHIRALPAK IE SFC	85423	85435	85445
CHIRALPAK IF SFC	86423	86435	86445
CHIRALPAK AD-H SFC	19423	19435	19445
CHIRALPAK AS-H SFC	20423	20435	20445
CHIRALCEL OD-H SFC	14423	14435	14445
CHIRALCEL OJ-H SFC	17423	17435	17445
CHIRALPAK AZ-H SFC	61423	61435	61445
CHIRALPAK AY-H SFC	47423	47435	47445
CHIRALCEL OZ-H SFC	42423	42435	42445
CHIRALCEL OX-H SFC	63423	63435	63445

<sup>1</sup> Please enquire regarding larger i.d. prep columns

