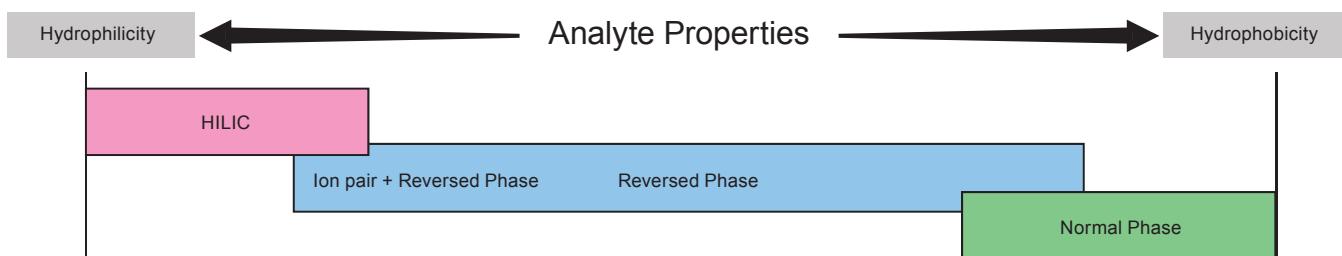
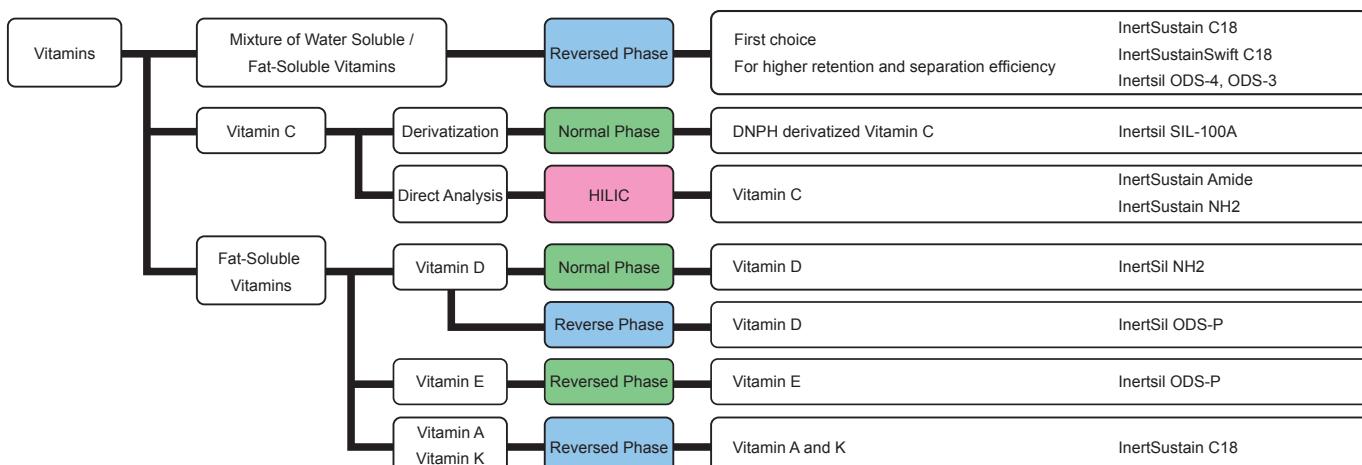


# Column Selection Overview

## Separation Mode Selection for Analyte Polarity



## Column Selection for Analyte Properties



| Water Soluble Vitamins | Phase                        | Detector |
|------------------------|------------------------------|----------|
| Vitamin C              | NH <sub>2</sub> , SIL, Amide | UV       |
| Vitamin B <sub>1</sub> | ODS                          | UV, (FL) |
| Vitamin B <sub>2</sub> | ODS                          | UV, FL   |
| Vitamin B <sub>6</sub> | ODS                          | UV       |
| Niacin                 | ODS                          | UV       |
| Folic acid             | ODS                          | UV       |
| Pantothenic acid       | ODS                          | UV       |

| Fat-Soluble Vitamin | Phase                | Detector |
|---------------------|----------------------|----------|
| Vitamin A           | ODS                  | UV, FL   |
| Vitamin D           | ODS, NH <sub>2</sub> | UV       |
| Vitamin E           | ODS                  | UV, FL   |
| Vitamin K           | ODS                  | UV, (FL) |

\* (FL): Post-column derivatization

