## **Medium Pressure Flow controller; MP-3050FC**

## **MAJOR FEATURES**

- 1) New flow control system allows online GC analysis of products formed by catalytic reaction under 1 MPa.
- 2) Peak retention times on chromatogram are unaffected by pressure (see figure on right).
  - Employing deactivated restrictor tube and Open Split interface, retention times of peaks are independent of pressure.
- Currently used GC, separation column, and detector can be used without modifications.
- Easily upgradable from Tandem and Single μ-Reactors.

## Online analysis of medium pressure catalytic reaction

(Conversion from ethanol to ethylene)



