

FIG. 1

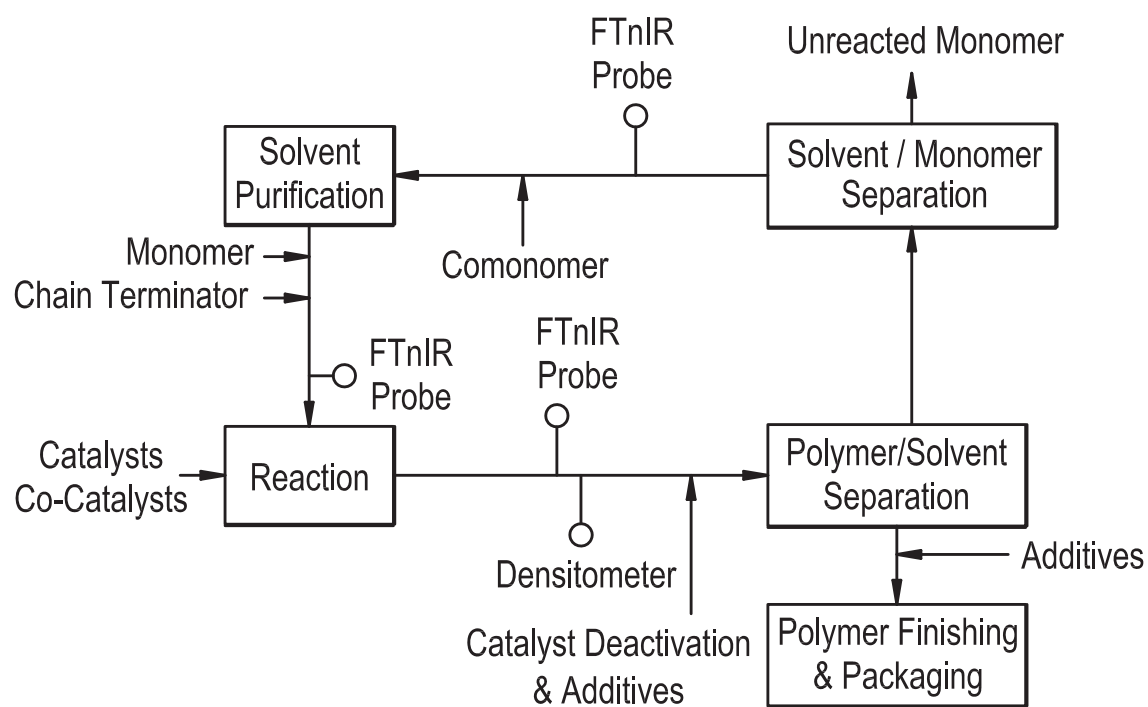


FIG. 2A

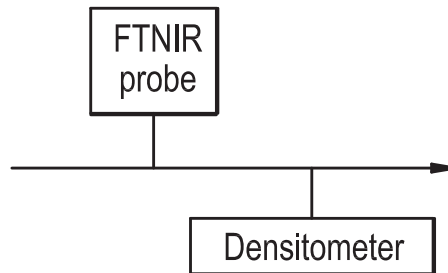


FIG. 2B

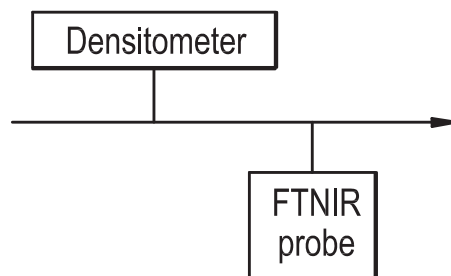


FIG. 2C

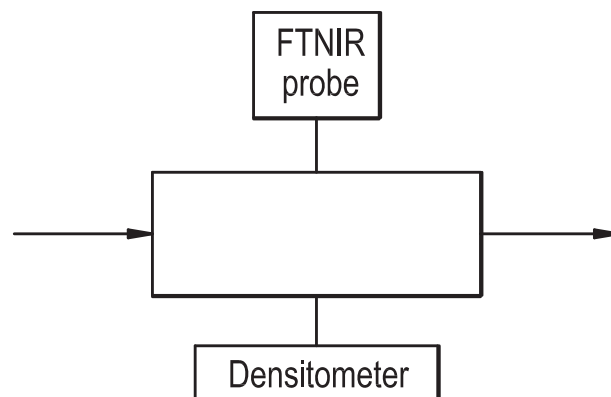


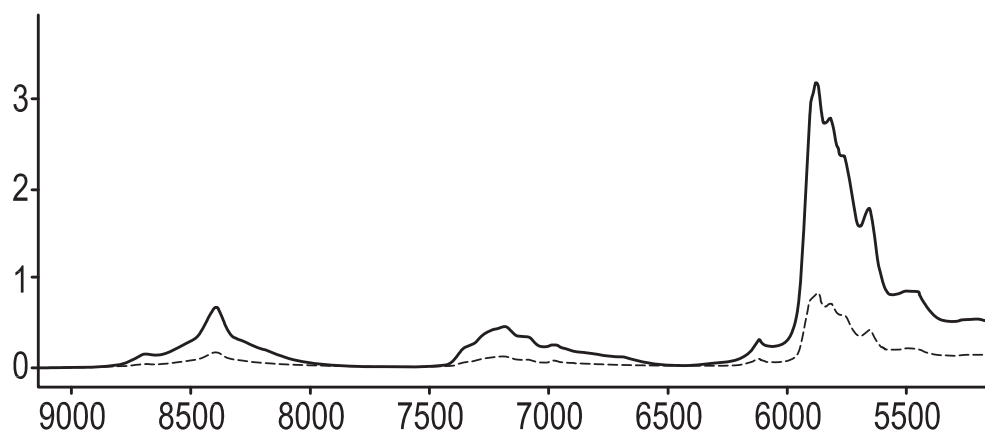
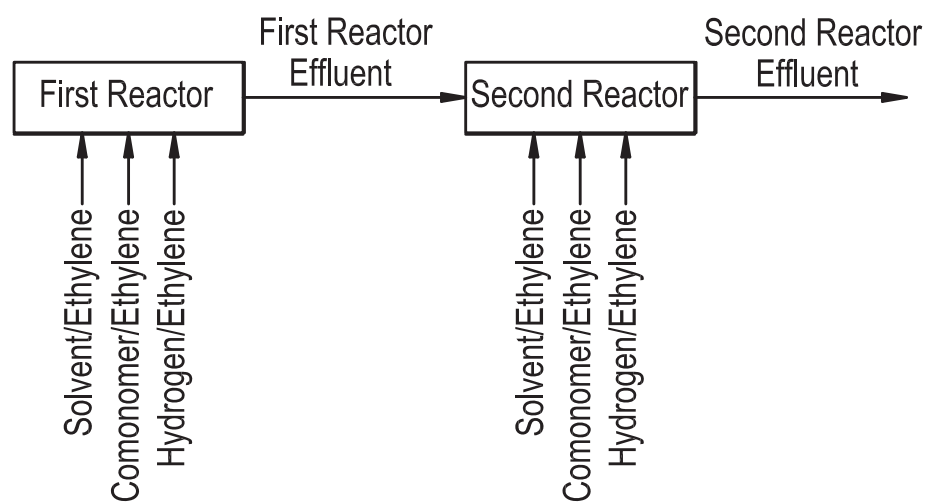
FIG. 3Intensity versus wavelength (cm^{-1})**FIG. 4**

FIG. 5

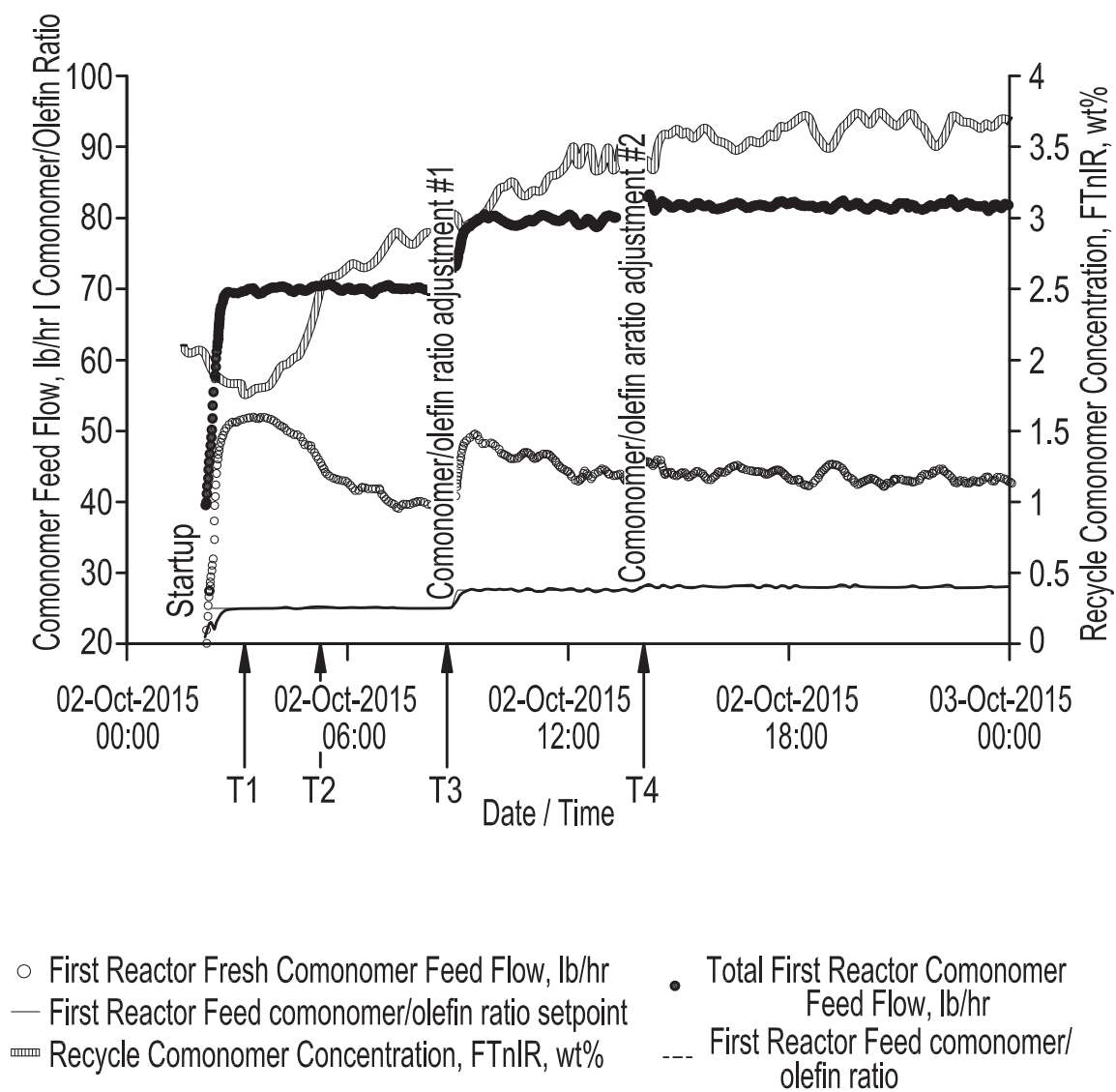
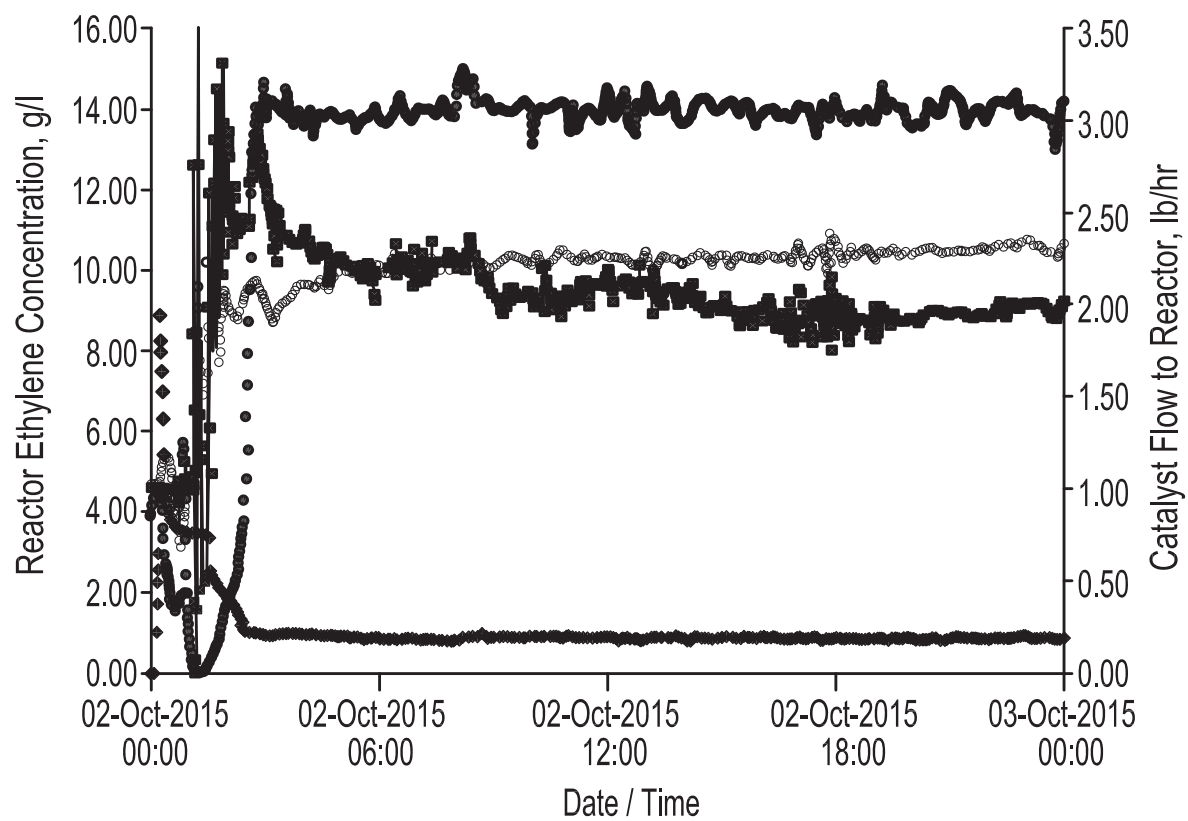


FIG. 6



- Reactor 1 Ethylene Concentration, g/l
- Reactor 2 Ethylene Concentration, g/l
- ◆ Catalyst Flow to Reactor 1, lb/hr
- Catalyst Flow to Reactor 2, lb/hr