

GC-LC Innovations

Formalydehyde in Air by HPLC UV

The SRI Model 210D HPLC system can detect formaldehyde and acetaldehyde in air samples down to 1ppm. The 210D uses a mercury lamp with two strong lines of emission: 254nm and 360nm. EPA method 8315 recommends using the 360nm wavelength for formaldehyde in air, but as shown in the chromatograms below, the 254nm wavelength on the 210D UV detector responds more sensitively than the 360nm.

