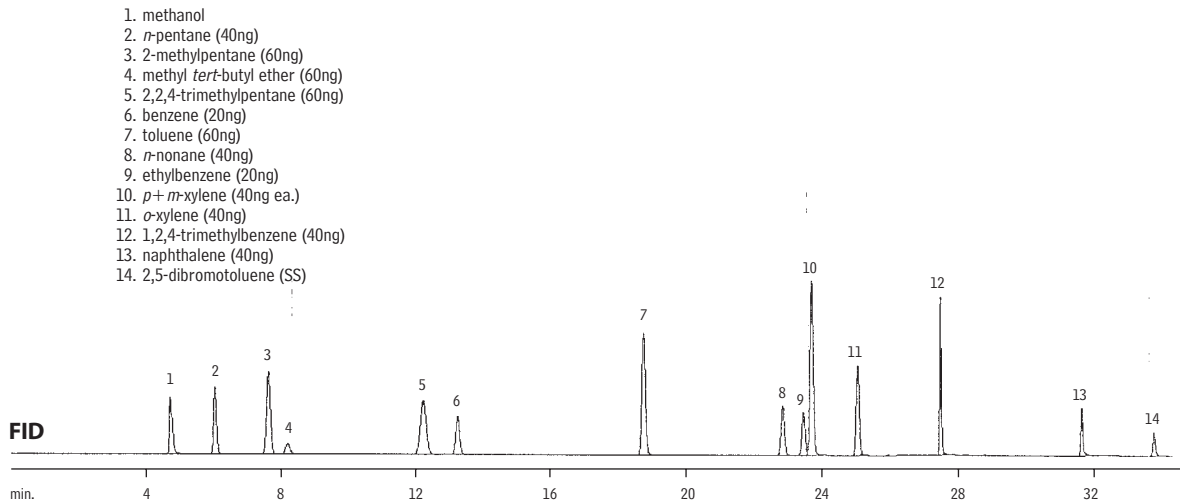
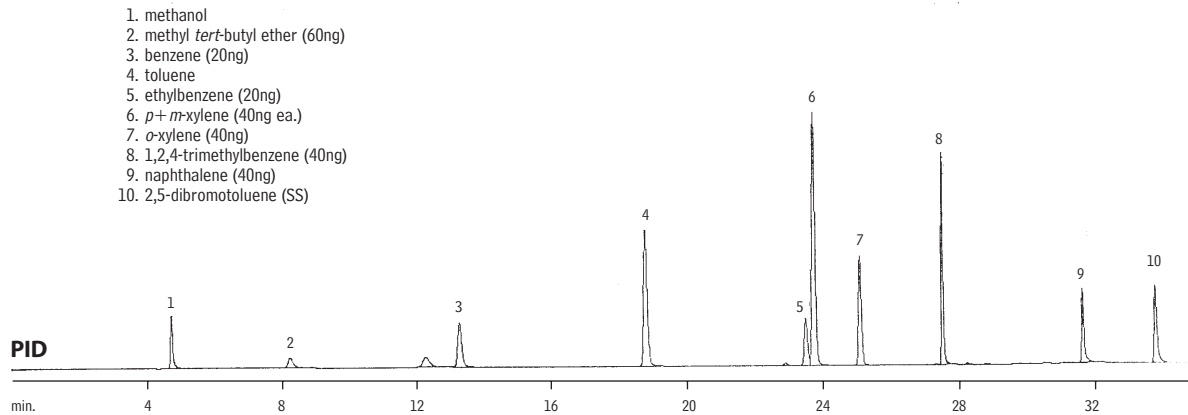


**Volatile Petroleum Hydrocarbons (VPH)**  
**Massachusetts Department of Environmental Protection**  
**Rtx®-502.2**

**For VPH analysis on an Rtx®-502.2 column, use PID for aromatic compounds and FID for aliphatic compounds.**



GC\_EV00063

Column: 105m, 0.53mm ID, 3.0µm Rtx®-502.2 (cat.# 10910).  
 Concentration: on-column at levels listed

Oven temp: 45°C to 90°C @ 3°C/min., to 140° @ 5°C/min.,  
 to 230°C @ 45°C/min. (hold 8 min.)

Carrier gas: helium @ 15mL/min. Tekmar Model LSC 2000

Trap: BTEX

Purge: helium @ 40mL/min. for 11 min.

Dry purge: 2 min.

Desorb preheat: 245°C

Desorb: 2 min. @ 250°C

Bake: 6 min. @ 260°C

Chromatograms courtesy of Severn Trent Laboratories, Burlington, VT.