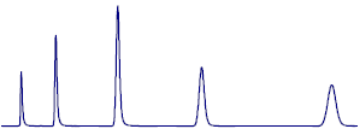
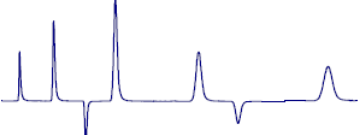




عیب یابی در HPLC

مشکل شماره ۸: ایجاد پیک‌های منفی در کروماتوگرام

Problem	Probable cause	Troubleshooting
Problem No. 8: Negative peaks		
Regular: 	1. Recorder/analog signal lead reversed. 2. Refractive Index of solute less than of mobile phase (RI detector). 3. Sample solvent and mobile phase differ greatly in composition (UV-detector).	1. Check polarity. 2. Use mobile phase with lower refractive index or reverse recorder leads. 3. Adjust or change sample solvent. Dilute sample in mobile phase whenever possible.
Problem: 	4. Mobile phase more absorptive than sample components to UV wavelength (vacancy peaks).	4. Change UV wavelength or use mobile phase that does not adsorb chosen wavelength.