

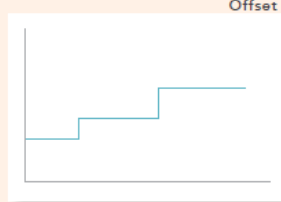


عیب یابی در GC

مشکل شماره ۳: جابجایی خط پایه (Baseline Offset)

Offset Sudden unexplained changes in baseline position.

Symptom



Possible Cause

Line voltage changes.

Poor electrical connections.

Contaminated injector.

Contaminated column.

Column inserted too far into the flame of FID, NPD, or FPD detectors.

Contaminated detector.

Gas generator cycle.

Suggested Remedy

Monitor line voltage for correlation with offset. If correlation is found, install voltage regulator.

Check electrical connections.
Clean any dirty or corroded connections.

Replace glass wool : liner.

Bake out the column. Cut off the first 4 inches of column. Solvent rinse or replace the column

Reinstall the column. Be sure to insert the column into the detector exactly the correct distance specified in the instrument

Clean the detector.

Baseline fluctuations can occur as the generator turns on and off. Add a tank with the appropriate volume after the generator to buffer any pressure changes.