

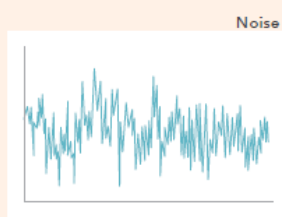


عیب یابی در GC

مشکل شماره ۲: نوسان خط پایه (Baseline Noise)

Noise Rapid, random movement of the signal amplitude.

Symptom



Possible Cause

The column may be inserted too far into the flame of an FID, NPD or FPD detector.

An air leak can result in noise in ECD and TCD detectors.

Incorrect combustion gases or flow rates can generate noise in FID, NPD, or FPD detectors.

Contaminated injector.

Contaminated column.

Drift in gas flow rates.

Defective detector board.

Suggested Remedy

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

Eliminate the leak.

Be sure your gases are the proper grade, as well as clean and dry. Reset the flow rates of the gases to their proper values.

Clean injector. Replace inlet

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

Clean and/or replace parts as necessary.

Consult GC instrument manufacturer.