

ABSTRACT

THERMAL GRADIENT CHROMATOGRAPHY DEVICES AND METHODS OF USING THEM

Certain configurations described herein are directed to gas chromatography devices. In some instances, the gas chromatography devices may comprise at least one heating device which can be moved along a chromatography column to provide a thermal gradient to the chromatography column. In other instances, the gas chromatography devices may comprise a heating device that can receive a moving chromatography column to provide a thermal gradient to the chromatography column. The gas chromatography devices may be configured as portable devices which can be used to perform remote analyses.

FIG. 17