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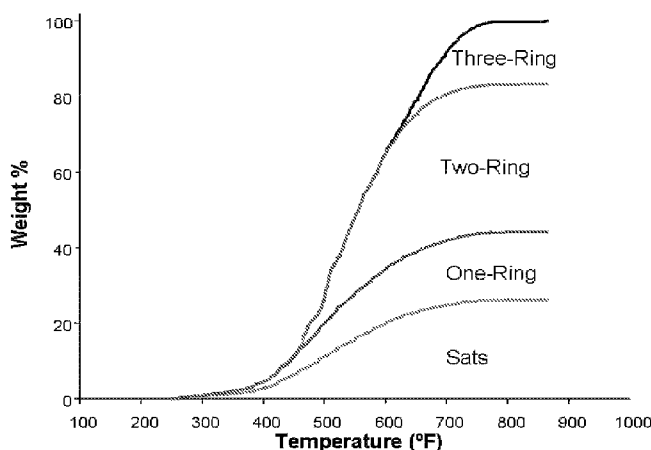
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(54) Title: SIMULATION DISTILLATION BY COMPREHENSIVE TWO-DIMENSIONAL GAS CHROMATOGRAPHY

FIG. 2



(57) Abstract: A method to simulate distillation of a petroleum stream by comprehensive two-dimensional gas chromatography including the step of separating said petroleum stream with a two-dimensional gas chromatograph to determine polarity as a function of temperature, and integrating vertically the two-dimensional gas chromatograph at a given temperature to determine signal intensity as a function of temperature.