

Selective Gas Chromatographic Detectors. Journal Of Chromatography Library, Volume 36.

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This book gives a comprehensive, up-to-date review of all selective detectors used in combination with gas chromatography. For each detector, the historical background, design and principle are described, and the working parameters affecting the detector performance are analyzed critically and in detail. The analytical possibilities of the detectors and the main characteristics such as sensitivity, noise and minimum detectability are discussed. All the selective detectors that are currently used are discussed in detail. Combinations of GC with other techniques such as plasma emission spectroscopy, atomic absorption spectrometry, ion-selective electrodes, piezoelectric sorption detector, mass spectrometry and infrared spectroscopy are discussed briefly. Chromatographers and users of gas chromatographs, especially in the field of environmental protection, agriculture, clinical chemistry, and toxicology will find the book useful to their work. Institutes and organisations dealing with analytical chemistry will also find it of interest. EAN/ISBN : 9780080858395 Publisher(s): Elsevier Science & Technology Format: ePub/PDF Author(s): Dressler, M.

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