

CONTENTS

1. Introduction	1
PART ONE THEORY AND BASICS	
2. Theory of Gas Chromatography	39
3. Columns and Column Selection in Gas Chromatography	113
4. Qualitative and Quantitative Analysis by Gas Chromatography	151
PART TWO TECHNIQUES AND INSTRUMENTATION	
5. Detectors	213
6. Instrumentation	289
7. Trace Analysis by Gas Chromatography	365
8. Selection of Analytical Data from a Gas Chromatographic Laboratory	421
PART THREE APPLICATIONS	
9. Gas Chromatographic Analysis of Food	449
10. Clinical Applications of Gas Chromatography	495
11. Physicochemical Measurements by Gas Chromatography	553
12. Drug Analysis Using Gas Chromatography	591
Index	637