

## CONTENTS

High Pressure Liquid Chromatography The Present Situation	1
Some Early Experience with a moving Wire Liquid Chromatograph	11
Trace Enrichment in Liquid Chromatographic Analysis	17
The Use of Soft Packing materials of Small Particle Size in the Separation of Basic Proteins By HPLC	21
Rapid Ion-Exchange Chromatography of Plasma Aminoacids	23
Analysis of Serum lipids and Lipoproteins by High Speed Liquid Chromatography	33
Separations of Some Steroids, Triterpenes, Glycosides, Bitter Principles, and Related Compounds	51
Separations of Corticosteroids for Measurement by Competitive Protein Binding	59
Separation of Porphyrin Isomers by HPLC Biochemical and Biosynthetic Applications	63
HPLC Analysis of Porphyrins in Biological Materials	71
Porphyryn Profiles in Porphyrias	79
Application of HPLC to the Analysis of Clinically Important Porphyrins	87
The Separation of Bile Pigments by HPLC	97
High Performance Liquid Chromatography of Some Biogenic Amines and Derivatives Implicated in the Aetiology of Schizophrenia	119
Separation of Catecholamines and their Metabolites by High Speed Liquid Chromatography	125
Problems in Separating Urinary Metadrenalines	131
Determination of Anticonvulsants in Serum by Use of High Pressure Liquid Chromatography	143
Analysis of Carbamazepine in Plasma by High Pressure Liquid Chromatography	155
Drug Levels in Plasma Simultaneous Determination of Phenobarbital and Diphenylhydantoin	163
The HPLC Detection of Some Drugs Taken in Overdose	165
Application of HPLC to the Study of the Disposition	175
An Attempt to Isolate and Purify Drug Metabolites by HPLC for Characterization by Physico- Chemical Methods	183
The Determination of the Semi-Synthetic Cephalosporin HR 580 in Plasma and Urine	185
HPLC Analysis of Chlorophenolic Pollutants and of their Oxidation Products	195
An Evaluation of Some HPLC Columns for the Identification and Quantitation of Drugs and Metabolites	201
Separation of Drugs by HPLC and the Application of Fluorimetric Detection to Drug Problems	211
Appendix	218
Index	221

