

CONTENTS

Some basic problems on gas chromatographic analysis	1
Characteristics of capillary columns	7
Handling ul. and ul. quantities of solutions	25
Comment following paper	36
Conditions for the separation of steroids by gas liquid chromatography	39
Systematic analyses of steroids in biological materials	69
Measurement of oestrogens in biological material	89
Comment following papers	115
The ultramicro detection of steroids, using gas liquid chromatography with electron capture detection	117
The R_M approach to the structural analyses of steroid metabolites	129
Fractionation of urinary steroids prior to gas chromatography	143
Quantitative determination of submicrogramme amounts of steroids in blood using electron capture and flame ionization detection following gas liquid chromatography	155
Comment following papers	179
The estimation of cortisol, prednisolone and some their unconjugated metabolites in biological fluids using gas liquid chromatography	183
The use of haloalkylsilyl ether steroid derivatives for analysis by gas liquid chromatography	199
The analysis of plant sterols in faeces	211
Collection of carbon-14 and tritium labelled steroids in gas liquid chromatography with application to the analysis of testosterone in human plasma	229
Abstract of paper	241
Applications of gas chromatography-mass spectrometry to the analysis of bile acids in biological materials	243
Comment following	259
General Discussion	265
Index	283