

thus far obtained from a packed gas chromatographic column.

In 1962 Dr. Scott developed and patented the wire transport detector for use in liquid chromatography. From the late 1960's until the present, he has confined his work to the development of liquid chromatography. He has improved the original wire transport detector and introduced the technique of incremental gradient elution. This technique allows the rapid separation of any complex mixture of compounds which exhibit a wide polarity range. He has also designed and developed suitable apparatus and a rational series of solvents to be used with the system. In 1974 at the International Symposium on Chromatography, Dr. Scott reported the first effective LC/MS system that would provide electron impact spectra of eluted solvents. This apparatus utilized a quadrupole mass spectrometer fitted with novel interfaces, which he devised, to permit a moving wire to pass through the source of the mass spectrometer without affecting its performance.

Dr. Scott edited the 1960 Gas Chromatographic Discussion Group Symposium Proceedings and played an im-

portant part in organizing the meeting. He has authored more than 70 technical papers and written on several topics for a number of textbooks.

## Undergraduate Awardees Receive

### ANALYTICAL CHEMISTRY

The Division of Analytical Chemistry of the American Chemical Society has awarded 15-month subscriptions to ANALYTICAL CHEMISTRY to 407 chemistry students at U.S. colleges and universities in honor of the students' outstanding scholastic records. The recipients were named by the chemistry departments at their respective institutions. Fifteen-month subscriptions will begin with this issue, except in cases where the student is already a subscriber. In these cases, subscriptions will be extended 15 months. In addition, student winners will receive the Analytical Division Newsletters throughout the year. These awards, given by the Division for the past several years, are designed to recognize excellent scholarship and encourage the recipients' interest in

chemistry in general and analytical chemistry in particular.

Geraldine M. Huitink, associate professor of chemistry at Indiana University in South Bend, is in charge of this project for the Analytical Division.

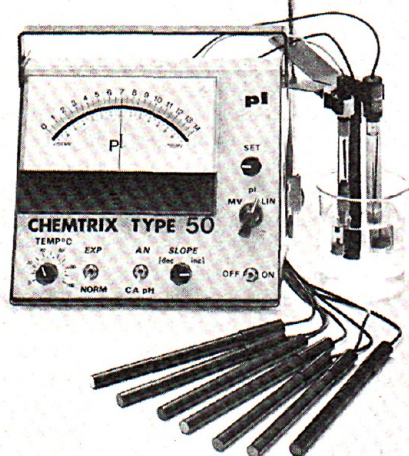
## Symposium on High-Performance Mass Spectrometry

November 3-5

A symposium entitled "Chemical Applications of High-Performance Mass Spectrometry" will be held at the University of Nebraska-Lincoln, November 3-5, 1976. This meeting is jointly sponsored by the University of Nebraska-Lincoln, the National Science Foundation, ABE Scientific, and INCOS Corp. A total of 18 plenary lectures will be presented by leading scientists in research areas which make use of high-performance mass spectrometers. Further information may be obtained from M. L. Gross, Department of Chemistry, University of Nebraska, Lincoln, Neb. 68588. The

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**Lead** ion can be measured directly down to 100 parts per billion and further extended by standard addition down to lower levels. With recent concern over lead poisoning as well as lead contamination in the food industry, the specific-ion technique can be exceptionally valuable where semi-skilled personnel may be used. See "Ion-Selective Electrodes" by Durst NBS Publishing, 314.

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