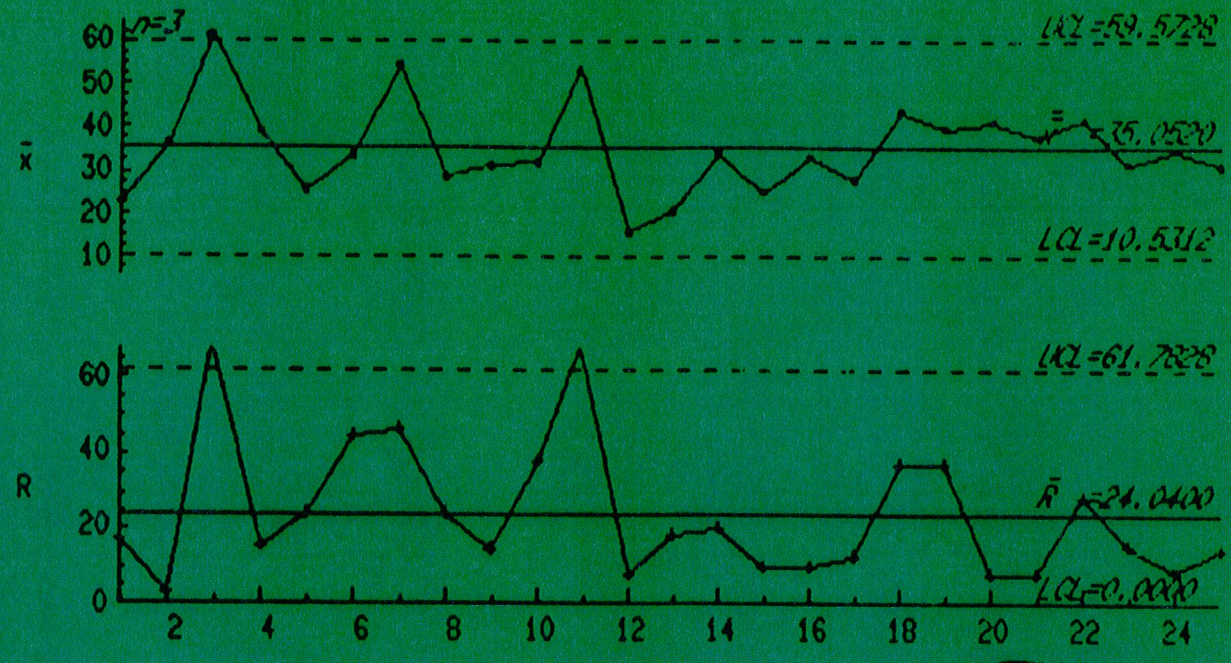
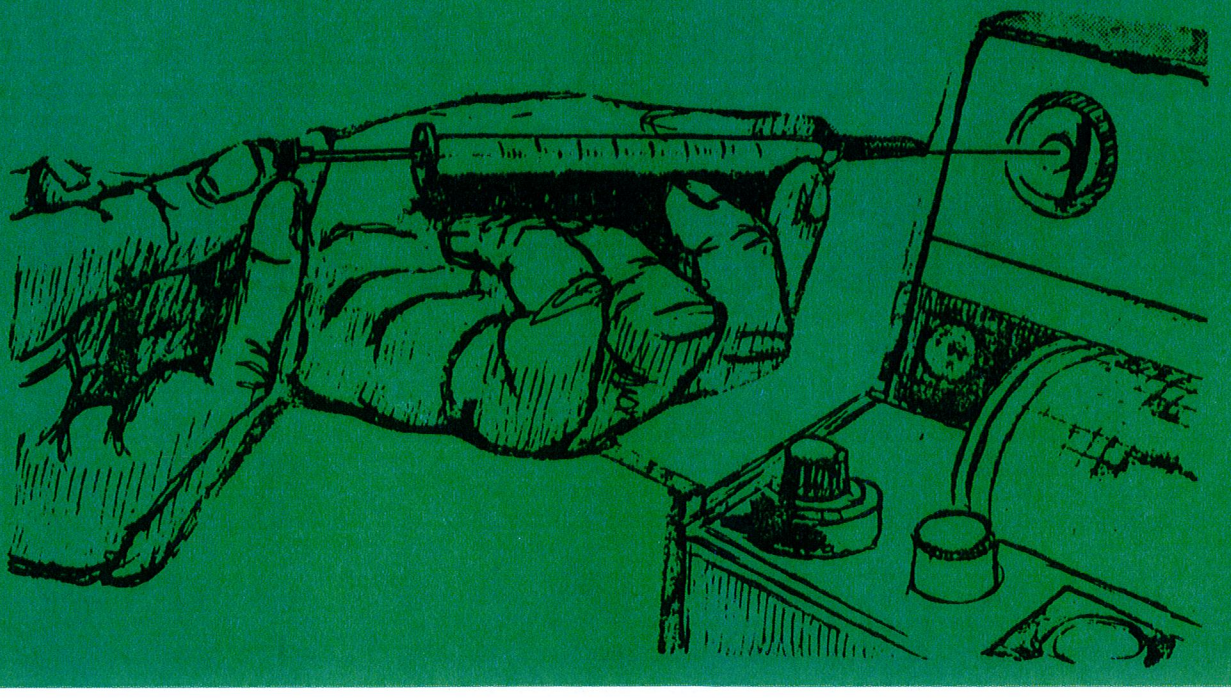
24th ANNUAL
PESTICIDE RESIDUE WORKSHOP

St. Petersburg Beach, Florida
July 19-22, 1987





24th ANNUAL PESTICIDE RESIDUE WORKSHOP
JULY 19 - 22, 1987
DOLPHIN BEACH RESORT, ST. PETERSBURG BEACH, FLORIDA

Sunday, July 19

4:00 - 6:00 p.m. Registration

Meetings and Instrument Displays Are To Be Held In The Royal Dolphin Room

2

EXHIBITORS

ABI Analytical Kratos Division----------Mr. Randy Curles

American Burdick and Jackson----------Mr. Jim Shaw

Analytical Biochemistry Labs., Inc.------Mr. Ralph Waltz

Beckman Instruments----------Mr. Richard Smith

Dionex Corporation----------Dr. Richard Rubin
Mr. Gary Cook

Hewlett-Packard----------Mr. Tom Stocks
Mr. Jack Zimmerman

Microbics Corp.----------Mr. John Razza

Perkin-Elmer Corp.----------Mr. Lawrence Myers
Mr. James Wagner

Sci-Con----------Mr. James Westmoreland

Shimadzu Scientific Instruments-------Mr. James Velinsky

Southern Analytical, Inc.----------Mr. Robert Kunkle
Ms. Charlotte Fowler

Southern Measurement Company----------Mr. Terry Layne

Varian Instrument Group----------Mr. Mickey McAllister

Monday, July 20

8:00 - 9:00 a.m.	Registration
9:00 - 9:30 a.m.	Introduction, Announcements and Remarks - Mr. George Fong
9:30 - 9:50 a.m.	Ontario Provintional Pesticide Residue Laboratory - Survey Activities of 1986 - Mr. B. Stephen Clegg and Mr. Brian D. Ripley
9:50 - 10:05 a.m.	Mississippi Pesticide Residue Activities - 1986-87 Mr. Rubel Cowart
10:05 - 10:20 a.m.	Alabama Pesticide Residue Activities Report - Mr. Danny Lecompti
10:20 - 10:30 a.m.	South Carolina Pesticide Residue Report - Mrs. Betsy Cooper
10:30 - 11:00 a.m.	Break Refreshment - Courtesy of Varian Instrument Group VISIT INSTRUMENT DISPLAY
11:00 - 11:20 a.m.	Analytical Support Services at the University of Hawaii. A Profile in Pesticides, Pigs and PCB's - Dr. Daniel R. Doerge
11:20 - 11:40 a.m.	Florida Report - Overview of Methodology Utilized in the Florida Chemical Residue Laboratory - Ms. Gail Abbott
11:40 - 12:00 noon	Systematic Troubleshooting of the Tracor 700A Hall Detector - Mr. Charles J. Schmidt

12:00 - 1:30 p.m.	Lunch (on your own)
1:30 - 2:00 p.m.	Information Management in the Laboratory - Mr. Jack Zimmerman
2:00 - 2:30 p.m.	Enhancing Productivity in Your Chromatography Lab with PC/XT/AT Based Chromatography Station - Mr. Jay Kyne and Mr. Jim Westmoreland
2:30 - 2:45 p.m.	PC's in the Lab - A User's Perspective - Dr. Barry Boerner
2:45 - 3:30 p.m.	Break Refreshment - Courtesy of Proctor and Gamble Company VISIT INSTRUMENT DISPLAY
3:30 - 3:55 p.m.	Sulfonylurea Residue Analysis - Dr. Edward W. Zahnow
3:55 - 4:10 p.m.	Fresh Water Fish Survey - Mr. John D. Corry
6:00 - 7:00 p.m.	Get Acquainted Party - Compliments of Dolphin Beach Resort

Tuesday, July 21

8:00 - 8:30 a.m.	Registration
8:30 - 9:00 a.m.	Trends in Residue Method Development - More, Faster and Better - Mr. Stephen M. Walters, Keynote Speaker
9:00 - 9:30 a.m.	Photolysis for Generation of Amines - Extending EPA Method 531 - Dr. Anson Moye
9:30 - 9:45 a.m.	Determination of Daminozide in Food Products by GC/MS - Ms. Margaret K. Conditt

9:45 - 10:30 a.m.	Break and Group Picture Refreshment - Courtesy of Hewlett-Packard VISIT INSTRUMENT DISPLAY
10:30 - 10:50 a.m.	Why do we tune Mass Spectrometer? - Mr. Tom Stocks
10:50 - 11:20 a.m.	Simultaneous Detection of Organophosphate Pesticides on ECD/FPD - Ms. Mindy Ashman
11:20 - 11:40 a.m.	Carbamates - Dr. Steve Scypinski
11:40 - 12:00 noon	Comparison of HPLC Detection Methods for Carbamates Pesticides - Dr. Richard B. Rubin
12:00 noon	Luncheon - Tickets purchased in Advance Speaker - Dr. C. Bronson Lane "Fuel for Physical and Mental Fitness"
1:40 - 2:00 p.m.	FDA Response to Congressional Concern of FDA's Enforcement of Pesticide Residue Tolerances - Mr. Sander Bellman
2:00 2:20 p.m.	Survey of Pesticides in well water of Ontario - Mr. B. Stephen Clegg and Mr. Brian D. Ripley
2:20 - 2:35 p.m.	Diquat Revisited - Mr. Larry Lagman
2:35 - 3:00 p.m.	HPLC Assay of Paraquat and Diquat by Post Column Reaction and Direct Detection - Dr. Verne A. Simon
3:00 - 3:30 p.m.	Break

3:30 - 4:00 p.m.	Results of 1984-86 Federal Survey of PCBs in Atlantic Coast Bluefish - Dr. Stuart J. Wilk and Dr. Malcolm Meaburn
4:00 - 4:15 p.m.	Tebuthiuron (HPLC Analysis in Water and Soil) - Mr. Frank Long

Wednesday, July 22

8:30 - 8:45 a.m.	Automatic Evaporation of Various Matrix and Residue Type on Stream and/or by Batch Process - Mr. Frank McCullough and Mr. Ralph Waltz
8:45 - 9:05 a.m.	Solid Phase Reagents - Dr. Alan P. Thio
9:05 - 9:20 a.m.	Solid Phase Extraction and HPLC Analysis of Selected Phenylurea, Uracil and Triazine Herbicides from well water - Mr. Allan Mitch
9:20 - 9:40 a.m.	Experience with Manual and Automatic on Column Capillary Injection - Mr. Wayne Pask
9:40 - 10:00 a.m.	Analysis of Pesticides and Herbicides by 0.53 mm ID Capillary Gas Chromatography - Mr. Drew T. Dougherty
10:00 - 10:30 a.m.	Break Refreshment - Courtesy of Analytical Biochemistry Laboratory, Inc.
10:30 - 10:45 a.m.	Background Evaluation of Aluminum Clad Versus Polymide Capillaries with Selected Detectors - Dr. Ken Mahler

10:45 - 11:00 a.m.	Updating of studies for Absorption of Dilutes in Concentrated Pesticide Solution in Organic Matrix Followed by Biodegradable Income Posting Type Pits - Mr. R. W. Young
11:00 - 11:20 a.m.	Pesticide Use in Ontario and Analysis of Triazine and Chloracetamide Herbicides - Mr. B. Stephen Clegg and Mr. Brian D. Ripley
11:20 - 11:35 a.m.	Testing a New Purge and Trap - Mr. Lamar Hendricks

GENERAL MEETING ADJOURNED

12:00 - 1:00 p.m.	Southern States Check Sample Program Report - (A Closed Meeting for Participants Only) Check Sample Committee Members: Ms. Gail Abbott - Chairman Dr. Larry Lane Mr. John Pardue - Mr. Steve Gonzales Mr. Wayne Pask Mr. Danny Lecompti
1:30 - 2:30 p.m.	FDACS Chemical Residue Laboratory Chemists Planning Meeting

Program Participants

Abbott, Gail, Florida Department of Agriculture & Consumer Services, Chemical Residue Laboratory, 3125 Conner Boulevard, Tallahassee, FL 32399-1650

Ashmen, Mindy, Commonwealth of Virginia, Division of Consolidated Laboratory Services, Pesticide Residue Laboratory, 1 North 14th Street, Richmond, VA 23219

Bellman, Sander W., Food and Drug Administration, 60 Eighth Street N.E., Atlanta, GA 30067

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Pask, Wayne M., Indiana State Chemists Office, Residue Section, BCHM Control, Purdue University, West Lafayette, IN 47907

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Simon, Vern, Dr., Department of HRS, Laboratory Services, 1217 Pearl Street, Jacksonville, FL 32202

Stocks, Tom, Hewlett-Packard Company, Division of Analytical Instruments, 6177 Lake Ellenor Drive, Orlando, FL 32809

Thio, Alan, Dr., University of Kentucky, Regulatory Services, Pesticide Residue Laboratory, 102 Scovell Hall-Washington & Lime Street, Lexington, KY 40546

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Waltz, Ralph, Analytical Biochemistry Laboratory, Inc., P.O. Box 1097, Columbia, MO 65205

Wilk, Stuart J. and Meaburn, Malcolm, Dr., USDC, Northeast Fisheries Center, Sandy Hook Laboratory, Highlands, NJ 07732

Young, R.W., Virginia Tech., Animal Science Bldg., Room 352, Blacksburg, VA 24061

Zahnow, Ed, Dr., E.I. DuPont de Nemours & Co., Agricultural Products Department, Wilmington, DE 19898

Zimmerman, Jack, Hewlett-Packard, P.O. Box 105005,
Atlanta, GA 30348

Program Changes

Monday, July 20

10:05 - 10:20 a.m.	FDA Methods Development Projects - Bernadette McMahon, Food and Drug Administration, Bureau of Foods HFF-426, 200 C Street, Washington, D.C. 20204
4:10 - 4:25 p.m.	Tips from a Counsel for Chemists Who Testify as Expert Witnesses - Frank Graham, Florida Dept. of Agriculture and Consumer Services, Mayo Building, Tallahassee, FL 32399-1650

Tuesday, July 21

1:30 -2:00 p.m.	FDA Response to Congressional Concern of FDA's Enforcement of Pesticide Residue Tolerances - Mr. Sander Bellman
4:15 - 4:30 p.m.	Report from AOAC - Ms. Rita Bahner, AOAC, 1111 N. 19th St., Suite 210, Arlington, VA 22209

Exhibitors

Microbics	Will Not Exhibit
Tekmar Company	Mr. Ron Henner