

Applications Programs

At asterisk prompt (*) press appropriate key to start program.

1 File Manager

Manage your disk files with wildcards using the COPY, DELETE, DIRECTORY, FORMAT, LIST, and RENAME commands.

2 Batch Reprocess

Reprocesses existing data files using new method or sequence parameters. Calibration files can be reprocessed to update their calibration information.

- Updates calibration information of the current method.
- Updates calibration information of a specified calib file.

3 Plot Calibration Curve

Plots the response curves of calibrated peaks from a method or multi-level calibration file.

- Plots with defaults or enter plotting parameters.
- Plots selected peaks or the entire file.

5 Bar Coded Methods (Dual Channel only)

Automates runs without a sequence. The method, inj volume, cal level, and the number of injections is coded on each bar coded vial.

- Prepare bar code labels ahead of time.

6 Sequence Chaining

Chains a set of sequences together.

- Each sequence can be assigned an optional Autoscheduler file for scheduling postrun programs.

8 Plot Baseline

Replots the original chromatogram with its baseline.

- Set OP() 2 to store signal data and processed peak files.
- Store bunched data when possible.
- E:BASELINE.BAS can be scheduled as a postrun program.

9 Autoscheduler

Schedules postrun programs and provides access to the AUTONAME and AUTO_2CH (dual channel) programs.

- Press 0 to start an autoscheduled run or sequence.

Autoname

E:AUTONAME.BAS is an application program that automatically renames the signal data, processed peak, and report files after each run.

- Enter the file name prefix in the Autoscheduler dialog.
Prefix = TEST and Run#=002, then TEST002.BNC
Prefix = TEST*, Vial#=20, and Inj#=02, then TEST2002.BNC
If no prefix, sample names are read from the active sample table
- Schedule E:AUTONAME.BAS as a postrun program.
- Press 0 to start an autoscheduled run or sequence.

HP 5890 Dual Channel

E:AUTO_2CH.BAS is the Dual Channel application program.

- The Dual Channel program must be the first postrun program on the buffered channel.
- Press 0 to start an autoscheduled run or sequence.

0 Auto Start

Start key for autoscheduled run or sequence.



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Chart Control

START Starts run

* **SEQ** **START** Starts a sequence of runs

PLOT Starts plot without integration

STOP Stops run or plot

CHT SP 1 **ENTER** Sets chart speed to 1 cm/min

ZERO 1 0 **ENTER** Positions plot 10% away from left margin

ATT 2 5 **ENTER** Sets attenuation to 5

† **KA** Sets top of form for 66 line pg (USA)

† **VA4** Sets top of form for 70 line pg

† **LFF** Form feed

† **A** Advances paper 1/8 line

† **W** Prints using large font

† **D** Prints using small font

† **N** Presentation plot

† **O** Draft plot

TIME Prints run time during a run

ZERO **ENTER** Zeros chart during a run

* **OP()** 1 **ENTER** Specifies plot type and presentation or draft plot

* **OP()** 5 **ENTER** Specifies form feeds before and after reports, perforation skips in plots and reports, and large or small font

Data Storage

DIR [sp] A : **ENTER** Lists files on A: disk

A : **ENTER** Changes default disk from M: disk to A: disk (Default disk is M: unless otherwise specified)

FORMAT [sp] A : , VOL1, 200 **ENTER**
Initializes external disk in drive A: names it VOL1 and divides it into 200 files

COPY [sp] M: Q00332D7. BNC,
A: DATA391 **ENTER** Copies data file M:Q00332D7 to A:DATA391

RENAME [sp] M: Q00332D7. NC,
DATA391 **ENTER** Renames data file A:Q00332D7 to A:DATA391

PACK [sp] A : **ENTER** Consolidates files on A: disk

PURGE [sp] METHOD1 **ENTER** Deletes file named METHOD1

* **OP()** 2 **ENTER** Stores bunched or raw signal data and processed peaks

Timetable

LIST **TIME** **ENTER** Lists all current timetable entries

TIME . 5 **CHT SP** 7 **ENTER** Sets chart speed to 7 cm/sec at 0.5 min into the run

DEL **TIME** **ENTER** Deletes entire timetable

DEL **TIME** 1 **ENTER** Deletes all entries for 1 min

TIME 1 **INTG()** 8 **ENTER** Turns on Start/Stop marks 1 min into run

TIME 2 **INTG()** - 8 **ENTER** Turns off Start/Stop marks 2 min into run

* = Press SHIFT key and hold down while pressing next key

† = Press CTRL key and hold down while pressing next key

[sp] = spacebar

Status/Calendar

LIST **LIST** Lists current run parameters

R E A **ENTER** Checks system readiness

S Y **ENTER** Lists current system configuration

LIST * **OP ()** **2** **ENTER**
Lists current status for Option 2

T I M E **8 : 3 5 : 3 0** **ENTER**
Sets the clock to 8:35:30 AM

D A T E **6 / 1 / 9 0** **ENTER**
Sets the calendar to June 1, 1990

Reports

* **AREA%**
Prints uncalibrated percent composition report for data in default file

* **REPORT** Prints calibrated report

N O T E P A D **ENTER**
Adds notes to printed report

I D [sp] **L A B 1** **ENTER**
Adds identifier to report header

I D " " **ENTER**
Deletes identifier from report header

* **OP ()** **4** **ENTER**
Specifies local report suppression, report title, amount label, inclusion of uncalibrated peaks, and report format

* **OP ()** **5** **ENTER**
Specifies postrun report storage, external printing, and listing of additional information after a report.

* = Press SHIFT key and hold down while pressing next key
[sp] = spacebar

Methods

* **PREP** * **METH** Prepares a method step by step

* **EDIT** * **METH** Edits an existing method

LIST * **METH** **M E T H 6 2 5** **ENTER** Lists METH625 from default disk

* **STORE** * **METH** **A : M E T H 6 2 5** **ENTER**
Stores current method parameters under METH625 on disk A:

* **LOAD** * **METH** **A : M E T H 6 2 5** **ENTER**
Loads METH625 into integrator from A: disk

DEL * **METH** **A : M E T H 6 2 5** **ENTER** Deletes METH625 from A: disk

* **OP ()** **5** **ENTER** Lists GC (remote) method

* **OP ()** **6** **ENTER** Sends commands to specified remote device

LIST * **OP ()** **ENTER** Lists all option dialogs

Sequences

Syntax same as for methods using * **SEQ** key ; see above

* **OP ()** **7** **ENTER** Specifies use of sample table in manual run

External Events (HP 19405A)

EXT () **1** **ENTER** Turns on external event 1

EXT () **- 1** **ENTER** Turns off external event 1

TIME **1** **EXT ()** **5** **ENTER** Turns external event 5 on at 1 min into the run

DEL **TIME** **1** **EXT ()** **ENTER** Deletes external events programmed for 1 min into run

DEL **TIME** **EXT ()** Deletes entire external events timetable

LIST **TIME** **EXT ()** Lists external event timetable

TIME **1** **EXT ()** **ENTER** Sets equilibration time to 1 min and activates auto reset function

Calibration/Calculations

* **PREP** * **CALIB** **ENTER** Prepares calibration step by step

* **EDIT** * **CALIB** **ENTER** Edits existing calibration

LIST * **CALIB** **C A L 6 2 5** **ENTER**
Lists calibration file CAL625 from default disk

* **STORE** * **CALIB** **A : C A L 6 2 5** **ENTER**
Stores current calibration parameters to CAL625 on disk A

* **LOAD** * **CALIB** **A : C A L 6 2 5** **ENTER**
Loads CAL625.CAL into integrator from A: disk

DEL * **CALIB** **C A L 6 2 5** **ENTER** Deletes CAL625.CAL

* **OP ()** **3** **ENTER** Specifies response factor for uncalibrated peaks, calibration fit, retention time updating, internal standard peak number, internal standard amount, sample amount, and multiplication factor

* **OP ()** **4** **ENTER** Specifies area or height for calculations

* **OP ()** **7** **ENTER** Specifies values for internal standard amount, sample amount, and multiplication factor without sample table

Recalibration

* **CALIB** **2** **ENTER** Manually initiates averaging for response data for level 2 of current calibration

* **CALIB** **- 2** **ENTER** Replaces old data with new data for level 2 of current calibration

Integration/Reintegration

PK WD **. 0 1** **ENTER** Sets peak width to .01 min

THRS **5** **ENTER** Sets threshold to 5

THRS **ENTER** Measures noise and sets threshold

THRS **-** **ENTER** Aborts noise measurement

AR REJ **8 0 0** **ENTER** Sets area rejection limit to 800

INTG () **0** **ENTER** Sets baseline now

- 1** Sets baseline at next valley
- 2** Sets baseline at all valleys
- 3** Processes next peak as solvent peak
- 4** Turns off automatic solvent detection
- 5** Draws horizontal line
- 6** Measures and updates threshold
- 7** Turns off retention time labeling
- 8** Turns on Start/Stop marks
- 9** Turns off integration
- 10** Increments threshold
- 11** Inverts negative peaks
- 12** Clamps negative peaks
- 13** Shows functions 11 and 12
- 14** Starts peak sum window

A N **ENTER** Reintegrates data in default file

A N , I **ENTER** Reintegrates data in default file using original PK WD profile

A N [sp] **D A T A 1** **ENTER** Reintegrates data in DATA1 file

A N [sp] **D A T A 1 , I** **ENTER** Reintegrates data in DATA1 file using original PK WD profile

A N [sp] **Q : B F R . R A W** **ENTER** Downloads and reintegrates buffered channel data

* **OP ()** **1** **ENTER** Specifies integration plot type

* = Press SHIFT key and hold down while pressing next key
[sp] = spacebar