HP 3395/3396 Quick Reference Card

Chart Control

START **Starts run**

[SHFT] 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 10 ENTER **Positions plot 10% away from left margin**

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

[CTRL] K A **Sets top of form for 66 line pg (USA)**

[CTRL] V A4 **Sets top of form for 70 line pg**

[CTRL] L FF **Form feed**

[CTRL] A **Advances paper 1/8 line**

[CTRL] W **Prints using large font**

[CTRL] D **Prints using small font**

[CTRL] N **Presentation plot**

[CTRL] O **Draft plot**

TIME **Prints run time during a run**

ZERO ENTER **Zeros chart during a run**

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

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

Data Storage

A: = Optional floppy disk drive (HP 3396 only)
E: = Optional EPROM
H: = Optional Host memory
M: = Main memory

DIR [space] M: ENTER **Lists files on M: disk**

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

FORMAT [space] M:, VOL1, 200 ENTER **Initializes internal disk in drive M: names it VOL1 and divides it into 200 files**

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

RENAME [space] M:DATA391.BNC, M:Q00332D7 ENTER **Renames data file M:DATA391.BNC to M:Q00332D7**

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

[SHFT] OP() 2 ENTER **Specify whether to store data; determine either bunched or raw signal data; and where to store**

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**

[SHFT] = Press SHIFT key and hold down while pressing next key
[CTRL] = Press CTRL key and hold down while pressing next key
[space] = Press the spacebar and release it

Status/Calendar

LIST LIST **Lists current run parameters**

REA ENTER **Checks system readiness**

SY ENTER **Lists current system configuration**

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

TIME 8:35:30 ENTER
Sets the clock to 8:35:30 AM

DATE 6/1/90 ENTER
Sets the calendar to June 1, 1990

Reports

[SHFT] AREA% **Prints uncalibrated percent report for data in default file**

[SHFT] REPORT **Prints calibrated report**

NOTEPAD ENTER
Adds notes to printed report

ID [sp] LAB1 ENTER
Adds identifier to report header

ID " " ENTER
Deletes identifier from report header

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

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

Methods

[SHFT] PREP **[SHFT]** METH **Prepares a method step by step**

[SHFT] EDIT **[SHFT]** METH **Edits an existing method**

LIST **[SHFT]** METH **METH625** ENTER **Lists METH625 from default disk**

[SHFT] STORE **[SHFT]** METH **M:METH625** ENTER **Stores current method parameters under METH625 on disk M:**

[SHFT] LOAD **[SHFT]** METH **M:METH625** ENTER **Loads METH625 into integrator from M: disk**

DEL **[SHFT]** METH **M:METH625** ENTER **Deletes METH625 from M: disk**

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

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

LIST **[SHFT]** OP( ) ENTER **Lists all option dialogs**

Sequences

Syntax same as for methods using [SHFT] SEQ key ; see above

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

External Events (HP 19405A) (HP 3396 only)

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**

[SHFT] = Press SHIFT key and hold down while pressing next key
[CTRL] = Press CTRL key and hold down while pressing next key
[space] = Press the spacebar and release it

Calibration/Calculations

[SHFT] PREP [SHFT] CALIB ENTER **Prepares calibration step by step**

[SHFT] EDIT [SHFT] CALIB ENTER **Edits existing calibration**

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

[SHFT] STORE [SHFT] CALIB M : C A L 6 2 5 ENTER
Stores current calibration parameters to CAL625 on disk M

[SHFT] LOAD [SHFT] CALIB M : C A L 6 2 5 ENTER
Loads CAL625.CAL into integrator from M: disk

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

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

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

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

Recalibration

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

[SHFT] 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**

THRSH 5 ENTER **Sets threshold to 5**

THRSH ENTER **Measures noise and sets threshold**

THRSH − ENTER **Aborts noise measurement**

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

TIME . 0 1 INTG() 0 ENTER **Sets baseline at .01 min**

- 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 [space] D A T A 1 ENTER **Reintegrates data in DATA1 file**

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

[SHFT] OP() 1 ENTER **Specifies integration plot type**

[SHFT] = Press SHIFT key and hold down while pressing next key
[CTRL] = Press CTRL key and hold down while pressing next key
[space] = Press the spacebar and release it

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 (HP 3396 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 (HP 3396 only)

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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