pytc-gui Documentation

Release 1.2.2

Hiranmayi Duvvuri

Aug 25, 2018

Contents:

pytc-gui is a graphical interface for pytc, a flexible package for fitting Isothermal Titration Calorimetry data.

- Installation
- How to do fits
- Full pytc docs

Contents:

CHAPTER 1

Start-up

After the pytc-gui is installed, double-click the icon for the installed program run `pytc-gui` on command line.

CHAPTER 2

Workflow

Demo heat files are here.

- Integrate raw power curves using Origin or NITPIC, creating files containing heats per shot.

- Load heat files and choose model describing experiment.

- Choose the fitter.

- Link individual fit parameters to global parameters.

- Fit the model to the data.

- Evaluate the fit statistics.

- Export the results, which will save a csv file and pdf files showing the fit and corner plot

CHAPTER 3

Reference

- Programming reference

CHAPTER 4

Indices and tables

- genindex
- modindex
- search