

Package: ShinyChromViewer (via r-universe)

November 2, 2024

Title Shiny Gadget for Interactive Viewing and Exploration of Chromatograms

Version 0.1.0

Description Shiny Gadget for interactive viewing and exploration of chromatograms.

License GPL (>= 3)

Imports chromatographR, cowplot, dplyr, DT, ggplot2, magrittr, scales, shiny, shinydashboard, shinyWidgets, stats, tidyr,

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.0

Repository <https://ethanbass.r-universe.dev>

RemoteUrl <https://github.com/ethanbass/ShinyChromViewer>

RemoteRef HEAD

RemoteSha 410e17ef0e8d7f2c723b08f28d774d4ecbade37c

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chrom_viewer	<i>Shiny gadget for viewing chromatograms</i>
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Description

Shiny gadget for viewing chromatograms

Usage

```
chrom_viewer(peak_table, chrom_list)
```

Arguments

peak_table	A peak_table object.
chrom_list	A list of chromatograms.

Value

No return value.

Author(s)

Ethan Bass

Examples

```
data(Sa_warp)
data(pk_tab)
chrom_viewer(pk_tab)
```

convert_chrom	<i>Converts chromatograms to long format</i>
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Description

Converts chromatograms to long format

Usage

```
convert_chrom(x)
```

Arguments

x	A chromatographic matrix in wide format.
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Value

A chromatographic matrix in long format.

Author(s)

Ethan Bass

summarize_peak_info *Summarizes peak information*

Description

Summarizes peak information

Usage

```
summarize_peak_info(peak_table)
```

Arguments

peak_table A peak_table object.

Value

A peak_table object.

Author(s)

Ethan Bass

tidy_chrom_converter *Converts list of chromatograms to long format*

Description

Converts list of chromatograms to long format

Usage

```
tidy_chrom_converter(x)
```

Arguments

x A list of chromatographic matrices in wide format.

Value

A list of chromatographic matrices in long format.

Author(s)

Ethan Bass

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