

File Exchange > Category:Signal Processing

>

Integration Tool

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|--------------------------|---------------------|----------------------|---------------------|
| Author: | Michael Buess | Date Added: | 5/23/2004 |
| Downloads: | 2307 | Last Update: | 2/1/2006 |
| Total Ratings: | 4 | File Size: | 21088 Bytes |
| Average Rating: | ★★★★☆ | File Name: | IntegrationTool.zip |
| Created Using: | Origin 7.5 | File Version: | 2.0 |
| Working Versions: | 7.5,7.0,6.1,6.0,5.0 | | |
| License: | Free | | |

Summary:

Graphical integration of data plots.

Description:

PURPOSE

Obtains these baseline-subtracted results from a region of the active curve:

Total Area: Total integration area.

Peak Center: X value at curve maximum.

Peak Height: Curve maximum.

Peak Width: Full width at half maximum.

Peak Centroid: Center of gravity.

Peak Variance: Second moment about the centroid.

INSTALLATION

Extract all files from IntegrationTool.zip to Origin's program folder or your User files folder in Origin 7.5. See the project IntegrationTool.opj for setup and operating instructions.

CHANGES

Setup now works in Origin 6.0 and is accomplished in all Origin versions by a text button in the IntegrationTool project. (2/1/2006)

CONTACT THE AUTHOR

[Click here](#) to email questions, suggestions or bug reports to the author. Please include your Origin version in the message.

Category

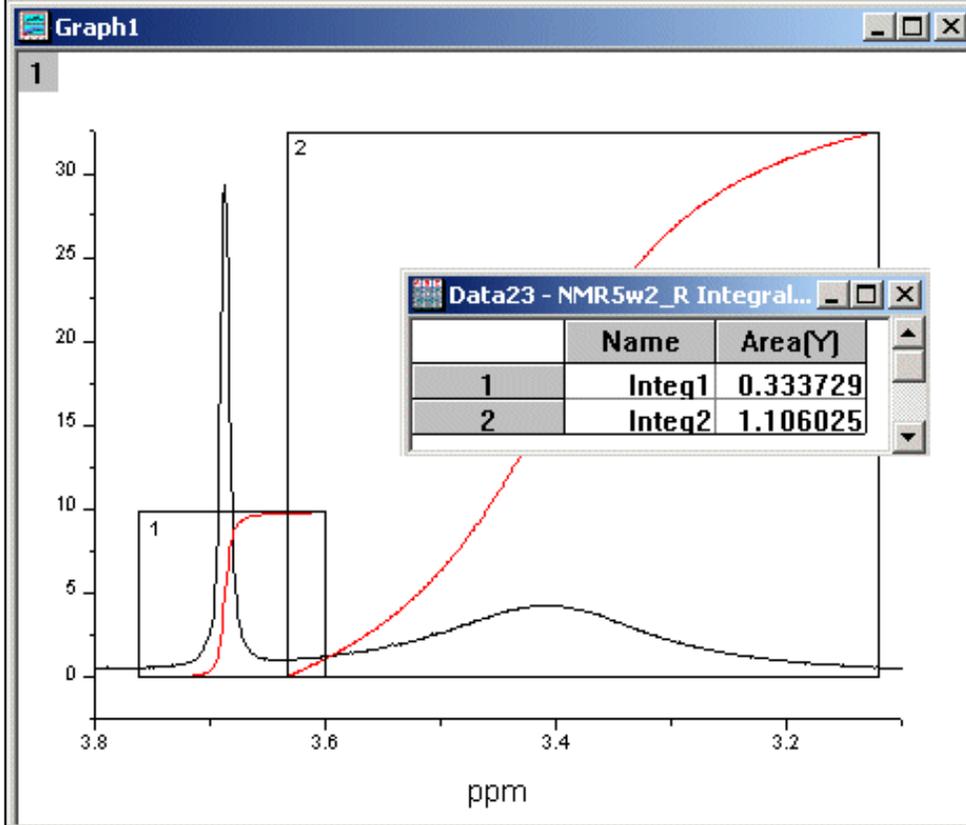
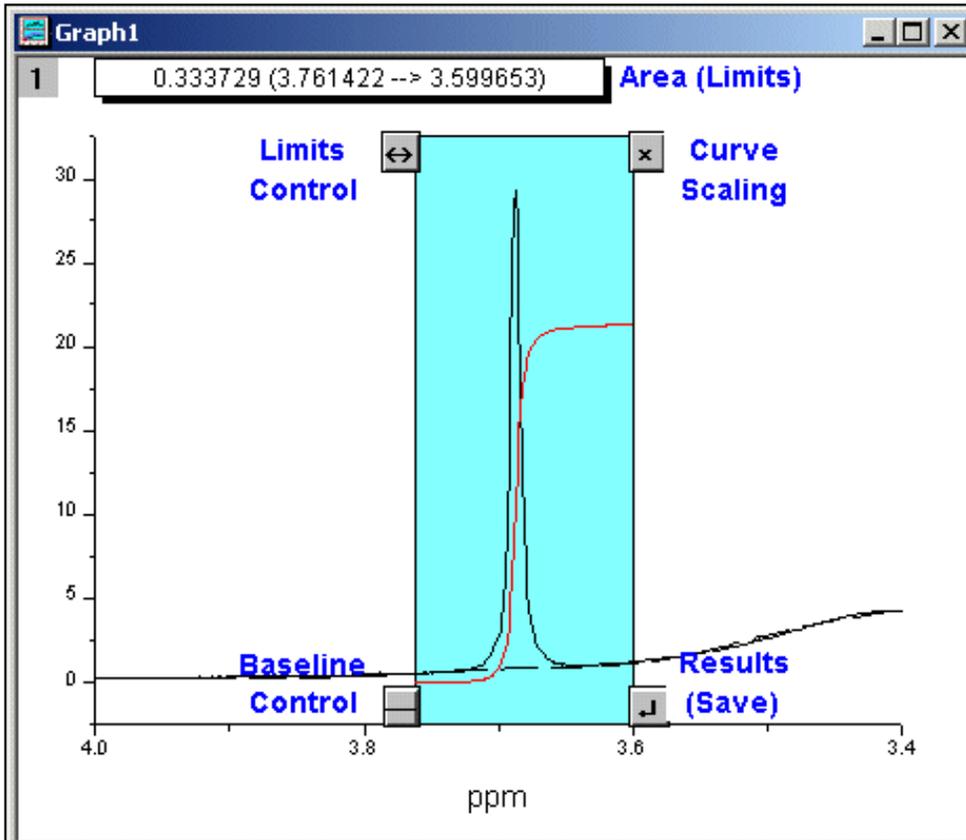
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Reviews:Rated by: **Mike Buess**

Date: (9/27/2005 12:40:06 PM)

asp06 - Did you unzip all files to your program folder (v7.0) or User Files folder (v7.5) before running IntegrationTool.opk?

Rated by: **asp06**

Date: (9/26/2005 3:36:06 PM)

Can not even install it. No toolbar appeared although can Uninstalled through Origin's Tools-->Uninstall OPK. Tried on v7.5sr5 and v7.0

Rated by: **Mike**

Date: (1/12/2005 2:15:20 PM)

I get the following error: _INTEG_AREA*=intx*2^IntNorm is a built in function that can not be renamed. Origin 7.5 SR5

Rated by: **Damian**

Date: (9/1/2004 6:00:30 PM)

useful, and well done.

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1 2 3 4 5

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