

Starting in the Analysis Method (choose Instruments → PDA Detector)

In the Tab “General” the wavelength range should cover all absorbance channels which will be used in the method.

Purpose Instruments Sample List Processing Reporting History

Home Instrument Method Configuration

Instruments Sections

General 2D Channels Analog Out Events

General Settings

Sampling rate: 20 points/sec

Filter time constant: Normal 0.10 sec

Exposure time: Automatic Manual: 0.0 msec

Filter options: Use UV blocking filter (below 210 nm) Interpolate 2nd order filter (340 nm) Region Interpolate 656 nm line region

Negative absorbance margin: -0.07 AU

Lamp state: Lamp on

3D Channel

3D data: Enable

Starting wavelength: 200 nm

Ending wavelength: 500 nm

Resolution: 1.2 nm

Comment:

Wavelength range should cover all utilized absorbance nm

Workaround:

1. When changing the tab to “2D Channels” UNIFI blocks all other tabs (see Selection Home and all the Instruments in grey). If trying to save the method, the error message opens up:

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General 2D Channels Analog Out Events

Channel Parameters

Add Delete

Channel	Data mode	Spectral channel resolution	Wavelength 1 (nm)	Wavelength 2 (nm)	Minimum channel ratio
Channel 1	Absorbance	1.2	200		
Channel 2	Absorbance	1.2	210		
Channel 3	Max Plot				

Error

Please fix the highlighted errors before saving the method.

OK

There is no highlighted error and it is not possible to change the tabs as they are still blocked. Click on Ok. All other tabs are still blocked. Close the method and open it again from the Explorer App. Go to the tab “2D Channels” again without trying to save the method.

It should be possible to add another channel by clicking on “add”.

The screenshot shows the 'Instrument Method Configuration' window with the '2D Channels' tab selected. The 'Channel Parameters' section contains a table with three channels. The 'Add' button is highlighted with a red box.

Channel	Data mode	Spectral channel resolution	Wavelength 1 (nm)	Wavelength 2 (nm)	Minimum channel ratio
Channel 1	Absorbance	1.2	200		
Channel 2	Absorbance	1.2	210		
Channel 3	Max Plot				

Another channel is created. With this highlighted the method is unlocked and can be edited.

The screenshot shows the 'Instrument Method Configuration' window with the '2D Channels' tab selected. The 'Channel Parameters' section contains a table with four channels. The 'Add' button is highlighted with a red box, and a new channel (Channel 4) is added to the table.

Channel	Data mode	Spectral channel resolution	Wavelength 1 (nm)	Wavelength 2 (nm)	Minimum channel ratio
Channel 1	Absorbance	1.2	200		
Channel 2	Absorbance	1.2	210		
Channel 3	Max Plot				
Channel 4	Absorbance	1.2	254		

Once completed the new added channel can be deleted. When the channel is deleted the block on the method is also removed. Saving the method with all required Channels is now possible. No interference is then observed when running the revised method.

Instruments Sections <<

Instruments Sections

Home

Quaternary Solvent Manager

Sample Manager FTN

PDA Detector

Xevo G2-XS QToF

Column Manager

General 2D Channels Analog Out Events

Channel Parameters

Add Delete

<input type="checkbox"/>	Channel	Data mode	Spectral channel resolution	Wavelength 1 (nm)	Wavelength 2 (nm)	Minimum channel ratio
<input type="checkbox"/>	Channel 1	Absorbance	1.2	200		
<input type="checkbox"/>	Channel 2	Absorbance	1.2	210		
<input type="checkbox"/>	Channel 3	Max Plot				

Instruments not grayed out anymore