



**VARIAN**

**Number: SHT-PS335 - 03**

**Date: September 03, 2007**

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## ***SERVICE How To***

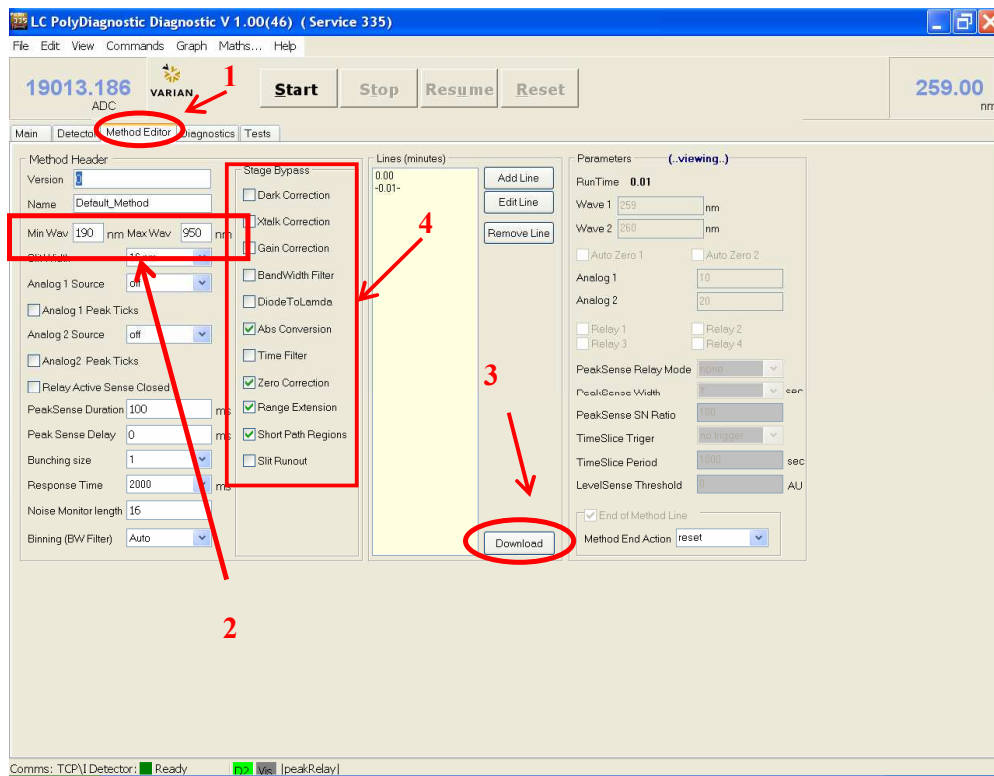
|                                    |                                   |                                    |
|------------------------------------|-----------------------------------|------------------------------------|
| Model Number:<br><b>PS 335 DAD</b> | Originator:<br><b>Des Wichems</b> | Topic<br><b>Wavescan Procedure</b> |
|------------------------------------|-----------------------------------|------------------------------------|

### **335 Wavescan procedure**

You can run this test with nothing in your flow cell. I like to leave the flow cell in the detector (obviously make sure there is nothing in the cell that can reduce your signal throughput i.e bubbles, dark liquids etc)

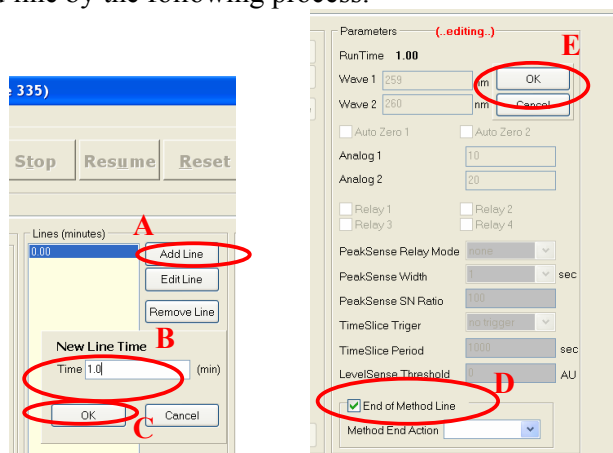
#### ***Procedure:***

1. Connect to the desired detector and turn on the D<sub>2</sub> lamp. Let the lamp warm-up for 15- 25 min.
2. Open LC PolyDiagnostics and select the Method Editor tab (1)

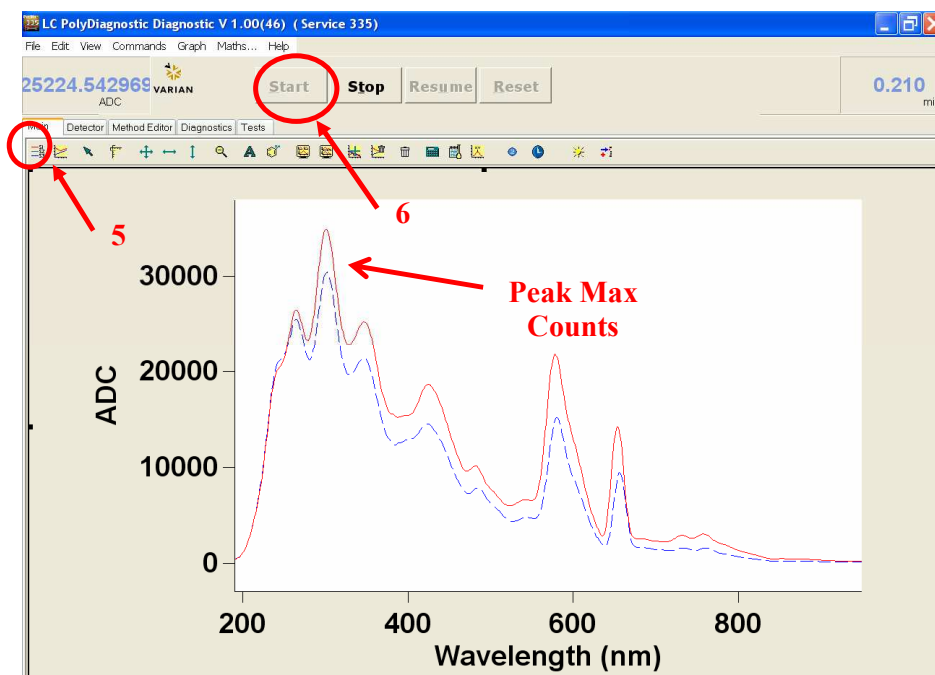


- If the default method does not open create a method with the parameters shown below. Take extra care that the wavelength range selected covers the full range (190-950nm) as shown (2), or you will only show a partial wavescan.
- Once the parameters have been entered, and the appropriate boxes checked (4), add the end of method line by the following process:

- Press the Add a line button (A)
- Enter a time of 1.0 min and select OK (B)
- Click the End of Method box (C)
- Select the end of method line option (D)
- Click on OK (E)



- Select the download button (3)
- Once the method has been downloaded (check the status at the bottom of the program, the *Start* button will be enabled).
- Proceed to the *Main* tab (5) and select the *Start* button (6).



- Save or make a screen capture of the resulting graph.

9. If the Peak Max intensity is below 10,000 counts, please insert a new D<sub>2</sub> and repeat the above procedure. If you still have low lamp intensity counts, then you most probably have foggy optics and should check the mirrors.