

Agilent 1260 Infinity II Analytical SFC System Installation Instructions

Checkout Procedure

This technical note describes the checkout procedure for the 1260 Infinity II SFC System.

Introduction

Exemplary configuration:

- 1260 Infinity II SFC Control Module (G4301A)
- 1260 Infinity II SFC Binary Pump (G4782A)
- 1260 Infinity II SFC Multisampler (G4767A)
- 1260 Infinity II Multicolumn Thermostat (G7116A)
- 1260 Infinity II Diode Array Detector WR (G7115A)

The SFC checkout sample (5799-0014) contains 125 ng/ μ L each of three components dissolved in methanol.

The three components are:

- Thymine (CAS# 65-71-4)
- Theophylline (CAS# 58-55-9)
- Theobromine (CAS# 83-67-0)

The checkout sample is run on the checkout column: Infinity Lab Poroshell 120 HILIC, 4.6 x 100 mm, 2.7 μ m (695975-901T).

The following sections list the method settings for the modules.



Set up the Checkout Method

- 1 Load the default method def_LC.m.
- 2 Change the method settings for the SFC Control Module G4301A.

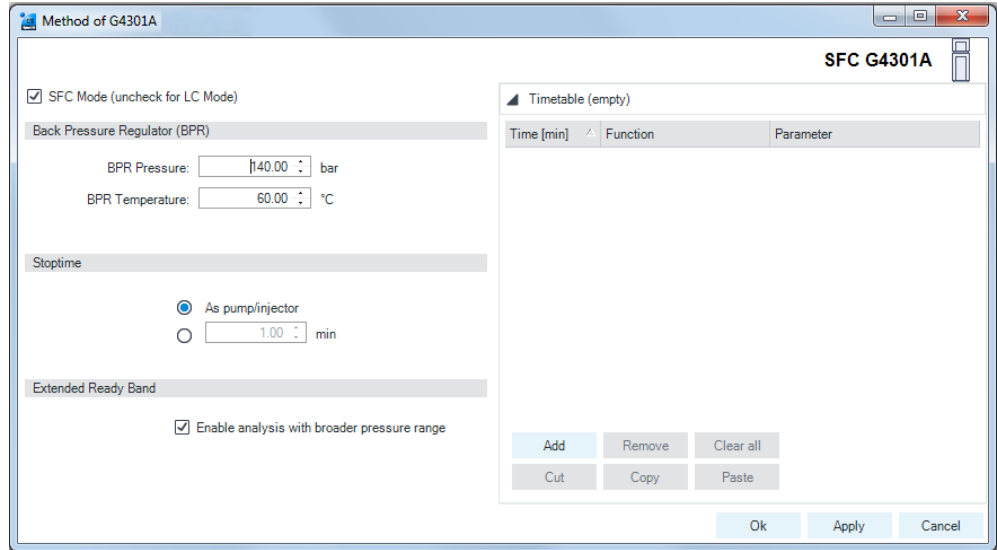


Figure 1 Method settings G4301A

- 3 Change the method settings for the SFC Binary Pump G4782A.

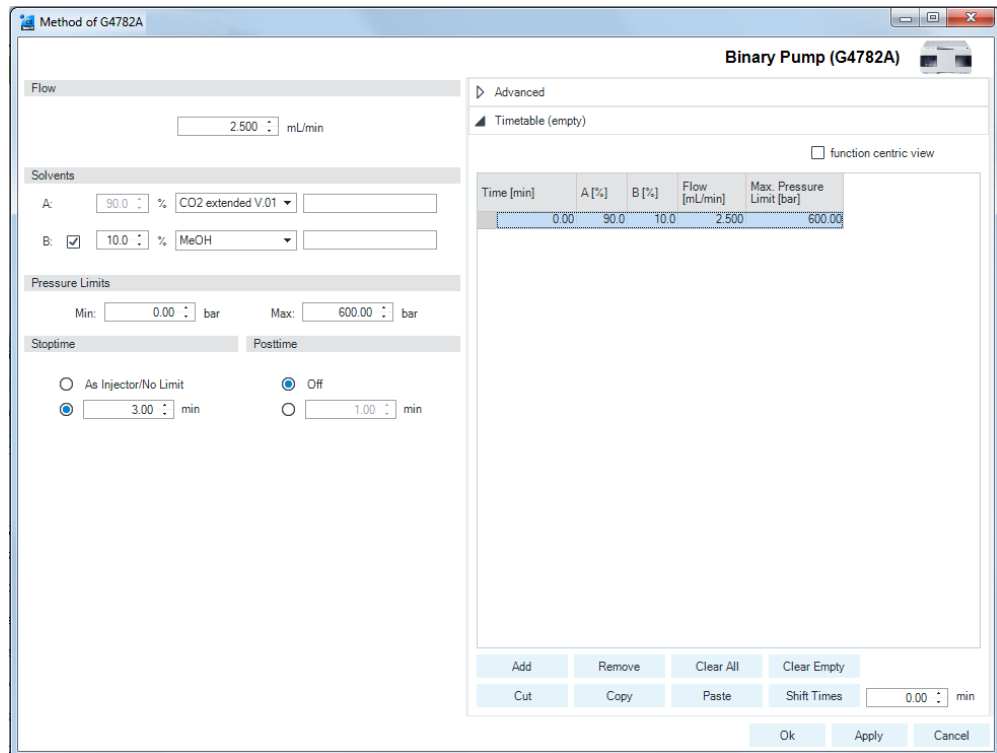


Figure 2 Method settings G4782A

4 Change the method settings for the SFC Multisampler G4767A.

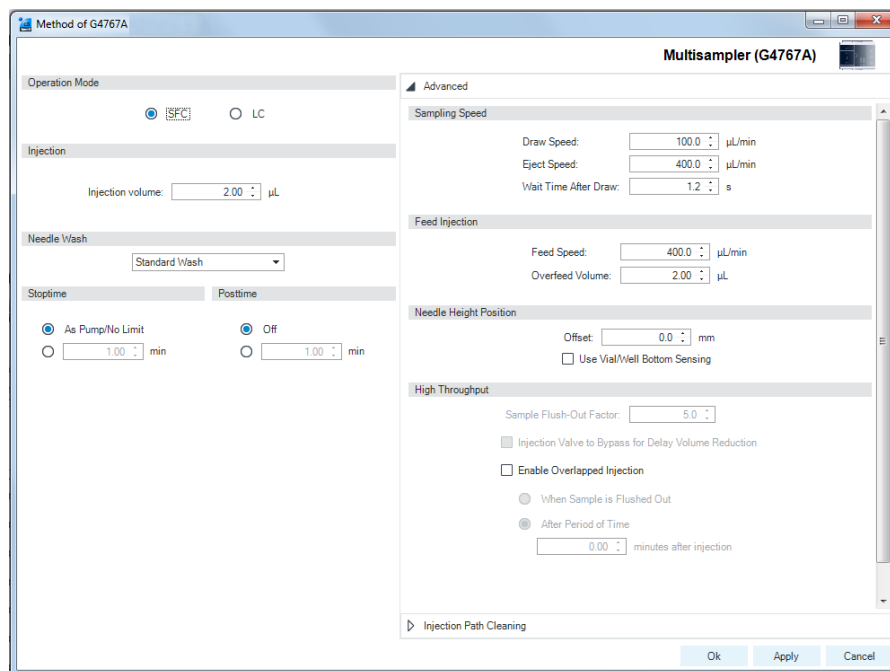


Figure 3 Method settings G4767A

5 Change the method settings for the Multicolumn Thermostat G7116A.

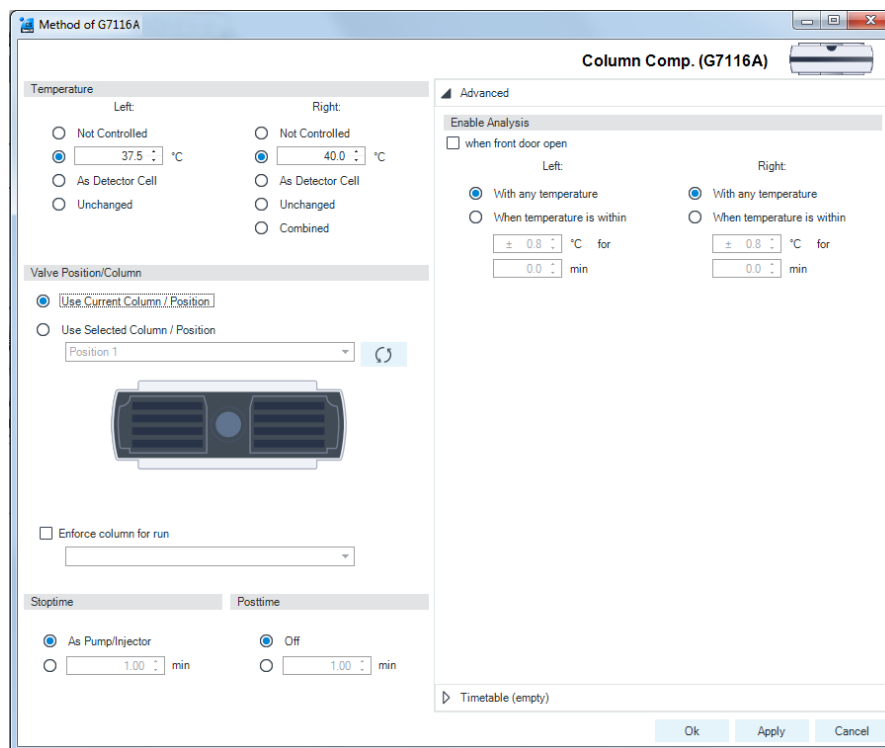


Figure 4 Method settings G7116A

6 Change the method settings for the Diode Array Detector G7115A.

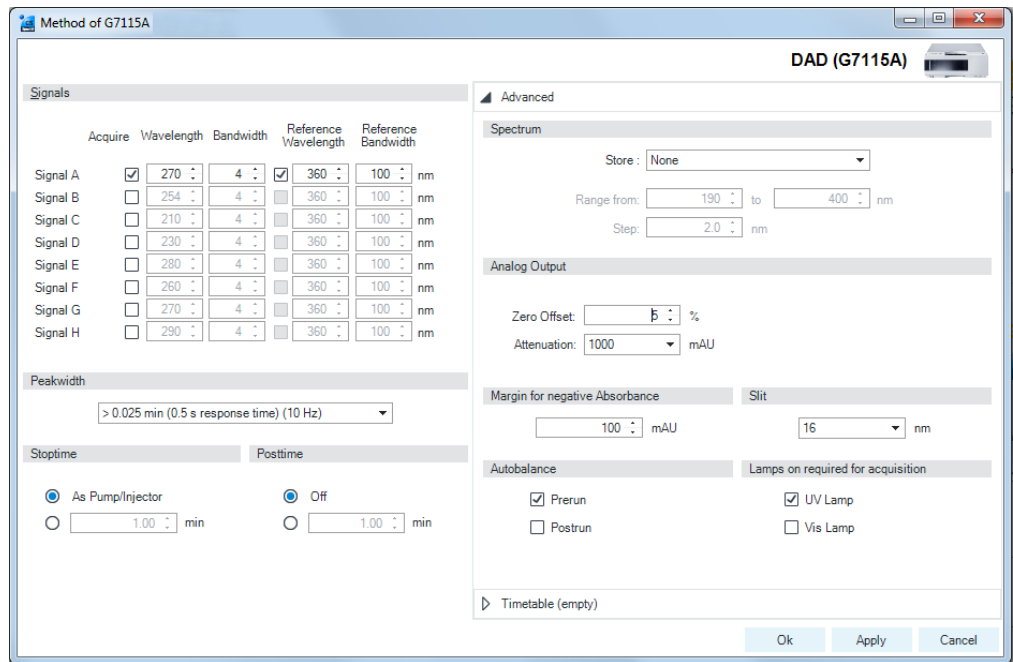


Figure 5 Method settings G7115A

- 7 Save the method as SFC_CHECKOUT.M.
- 8 Equilibrate the System for 10 min under checkout conditions.
- 9 Run and evaluate the checkout method.

