

# Response letter of ⟨RSI19-AR-01677⟩ Based on the Referees' Report

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**Chin-Tu Chen**  
**Associate Editor**  
**Review of Scientific Instruments**

Revision of the paper ⟨RSI19-AR-01677⟩ submitted to the Review of Scientific Instruments, entitled “*A high-repetition-rate, fast temperature programmed gas chromatograph and its on-line coupling to a supercritical fluid chromatograph (SFC×GC)*”, based on the referees' report.

Dear Chin-Tu Chen:

Thank you for your email dated 30 January 2020 enclosing the reviewers' comments. We have carefully reviewed the comments and have revised the manuscript accordingly. Our responses are given in a point-by-point manner below.

We hope the revised version is now suitable for publication and look forward to hearing from you in due course.

Yours sincerely,  
D. Malan  
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University of Pretoria

## Comments by Reviewer #1

will [give an] acceptable

The sentence was corrected.

middle paragraph. The sentence construction is complicated with the nested parentheses.

The parentheses were removed and a sentence providing more detail was added.

Also the text describes a micro union brazed onto the block,  
but the figure shows a drilled and tapped hole.

Although the relevant figure was intended to be conceptual in nature, we agree that a difference between the text and the figure can be confusing. The figure was changed to match the text.

p11 digital to analog converter converter . converter is  
repeated.

The repeated word was removed.

p15. Chromatographically, would it be better if the warmer  
side of the column was towards the detector or towards the  
inlet?

A sentence and a citation was added to show a possible benefit if the warmer end of the column was towards the inlet.