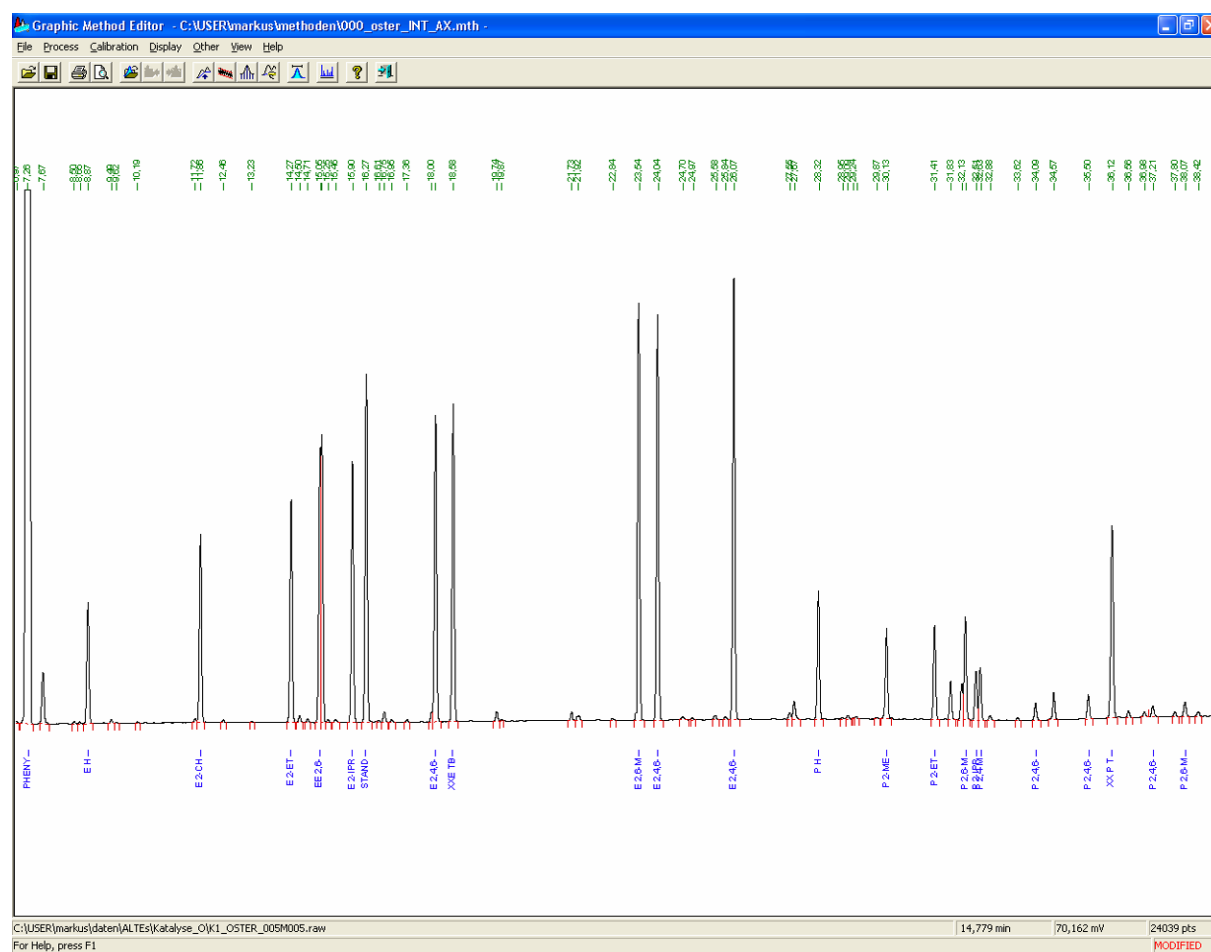
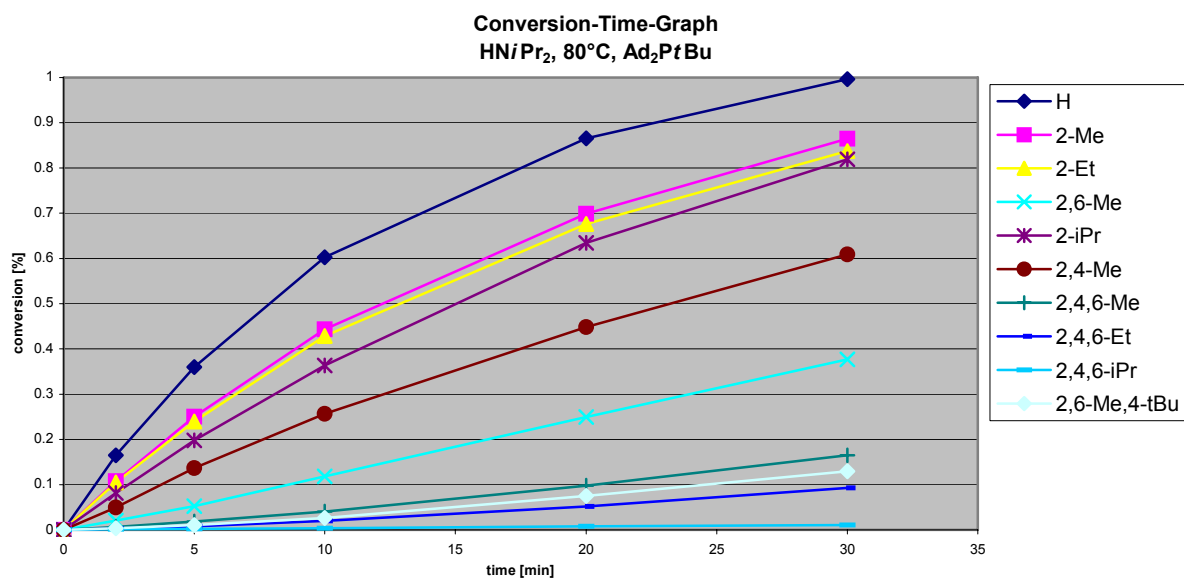


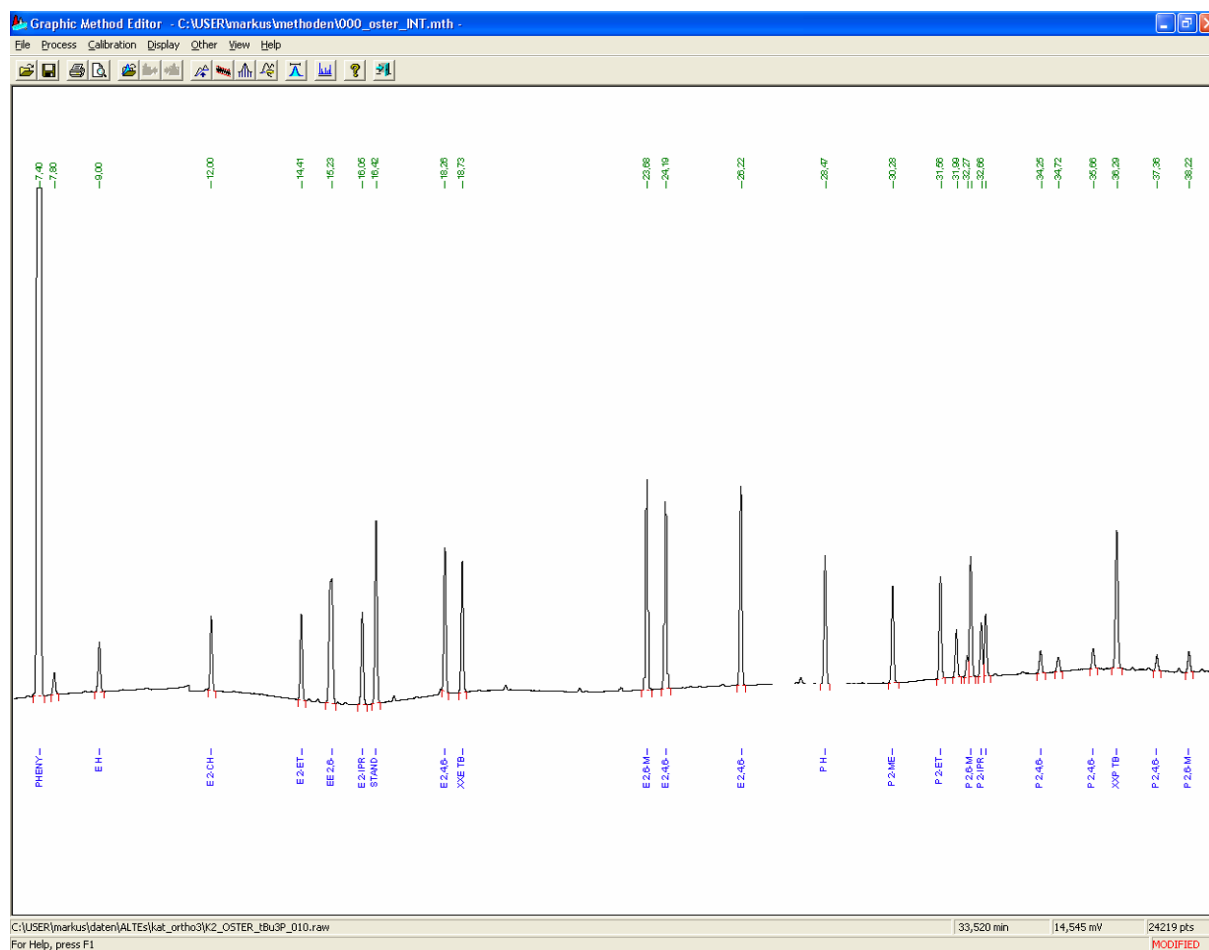
The Effect of steric Bulk in Pd-catalyzed Cross-Coupling Reactions

Markus an der Heiden and Herbert Plenio

Supplementary material

Typical Sonogashira parallel multisubstrate reaction conversion-time curve.





GC-separation real screen

Experimental details for GC

Separation and quantification of the reaction components was done on a *GC/FID Clarus 500 GC with autosampler*. Temperature program: 100°C for 3 min, heating to 300°C with 5°C/min, isotherm for 5 min Carrier gas: Nitrogen at a flow of 0.4 mL·min⁻¹; Split ratio 20:1. column: Varian CP-SIL 8CB, 15 m · 0.25 mm, Df= 1 µm. Validation process of the GC-FID method was performed according standard procedures and EURACHEM guidelines.¹ The methods were validated in terms of limit of detection (LOD), limit of quantitation (LOQ), linearity, precision and trueness.

1. The fitness for purpose of analytical methods: A laboratory guide to method validation and related topics. Eurachem Guides, 1st ed., 1998, Teddington, www.eurachem.ul.pt

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