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# Optimal design of an intensified column with side-reactor configuration for the methoxy-methylheptane process

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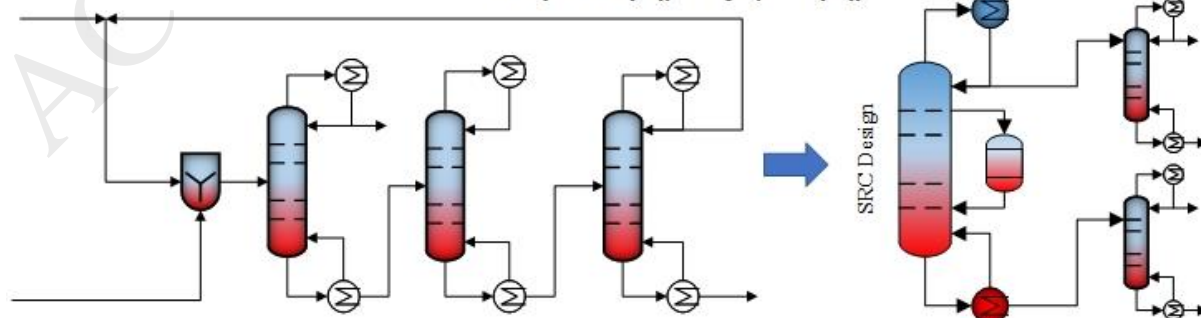
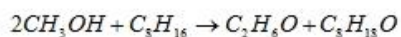
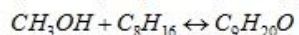
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Graphical abstract

Process intensification through column configured with a side-reactor can save 20.4 % operating cost in the methoxy-methylheptane (MMH) process.



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