

## *Supplementary Information*

# Ultrasound mediated synthesis of aldimines from non-enolizable aldehydes at room temperature

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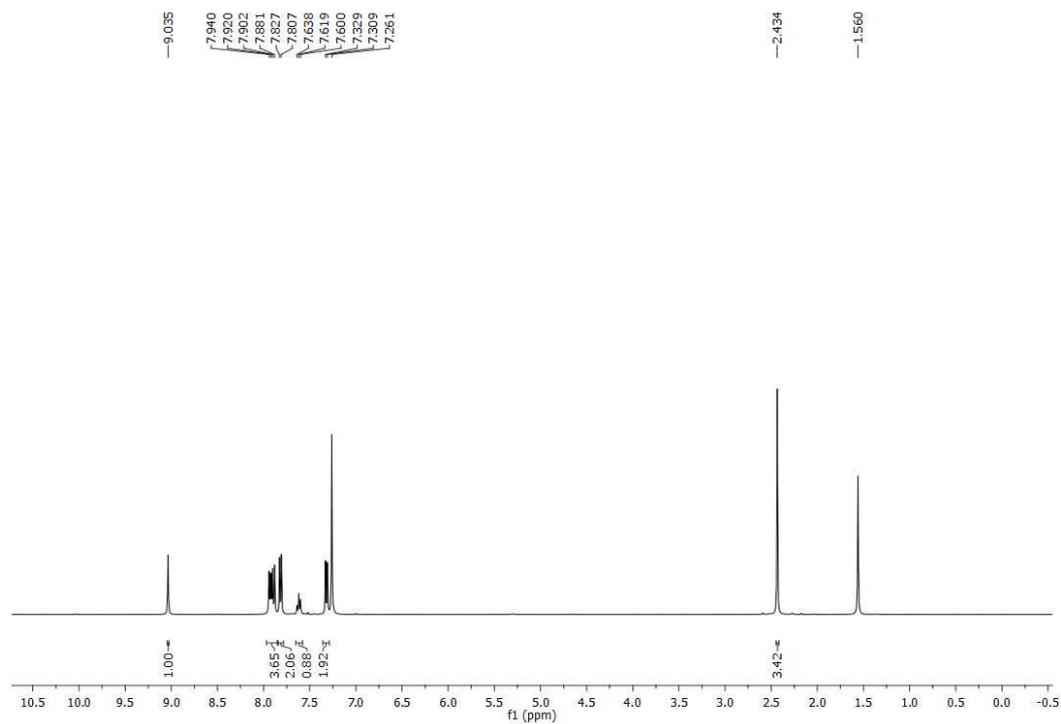
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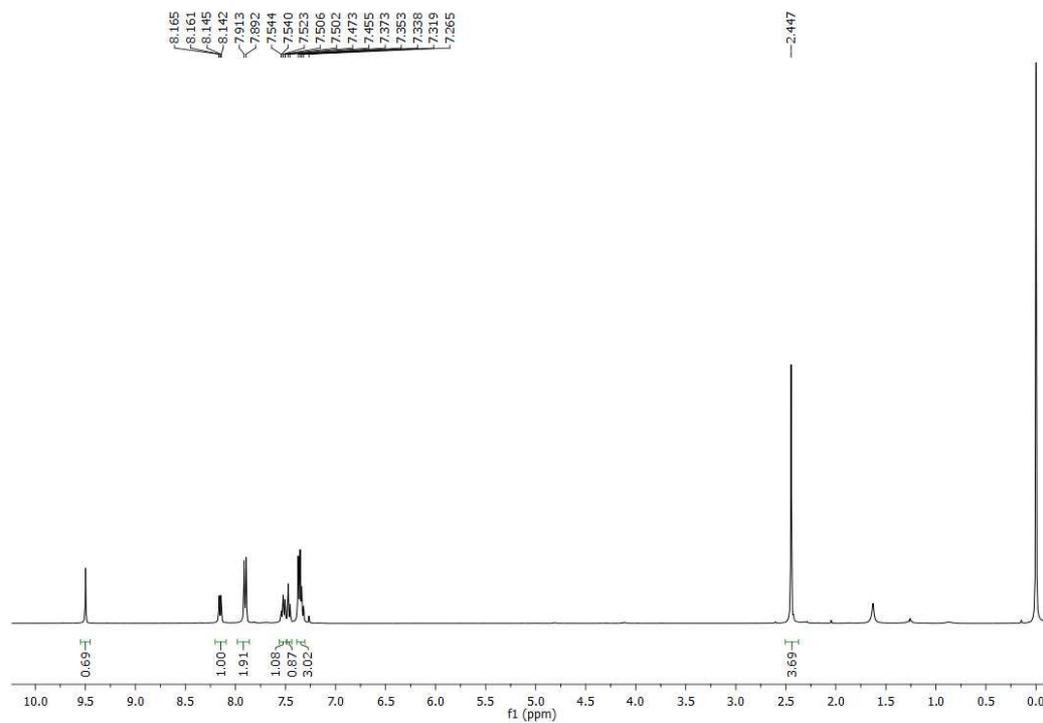
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*N*-Benzylidene-4-methylbenzenesulfonamide (**3a**)

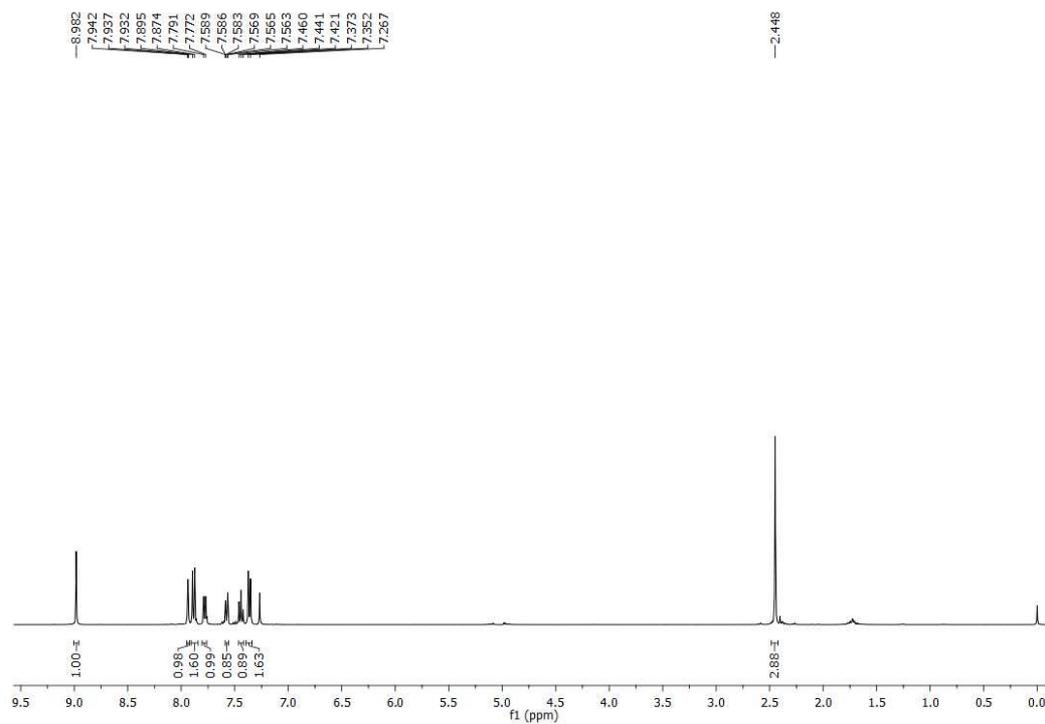


*N*-(2-Chlorobenzylidene)-4-methylbenzenesulfonamide (**3b**)

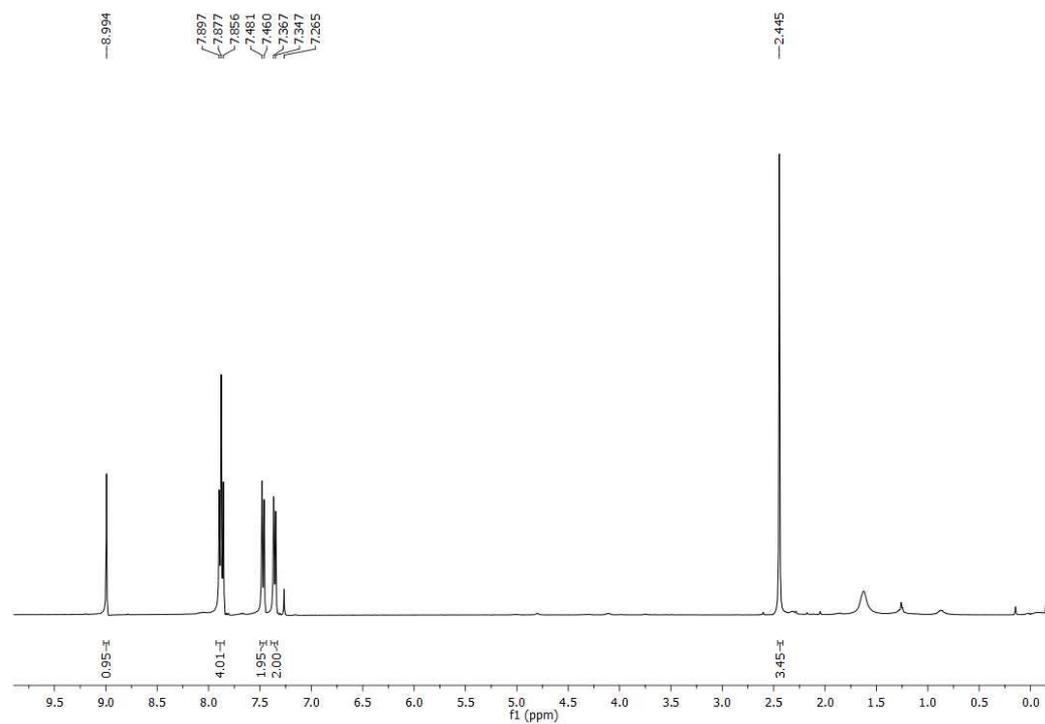




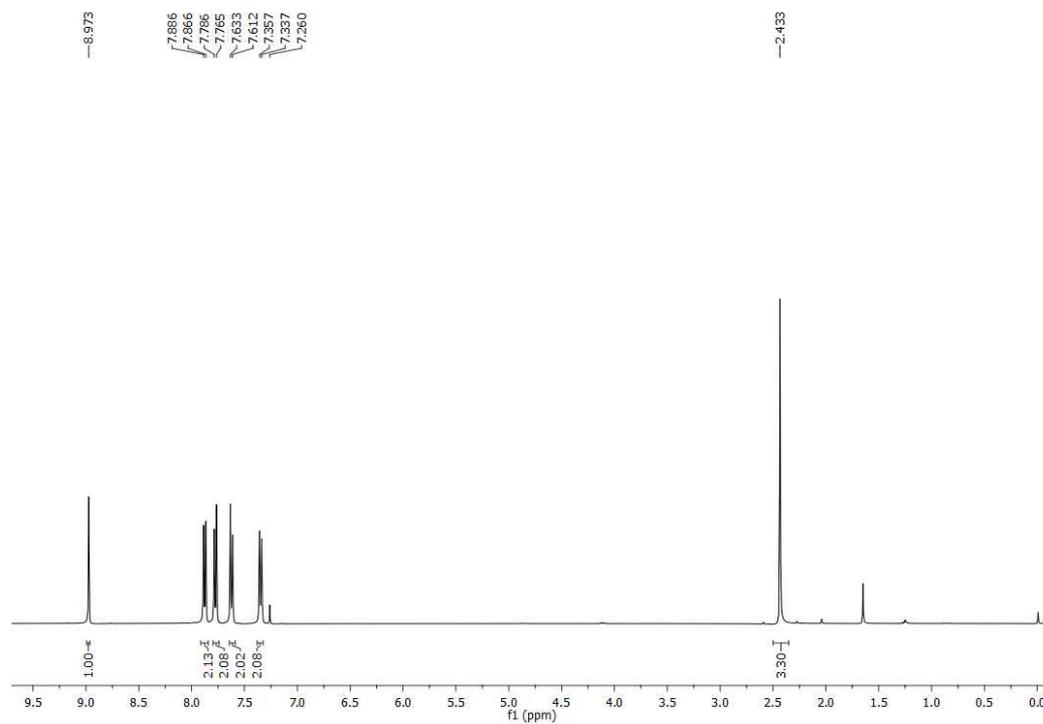
*N*-(3-Chlorobenzylidene)-4-methylbenzenesulfonamide (**3c**)

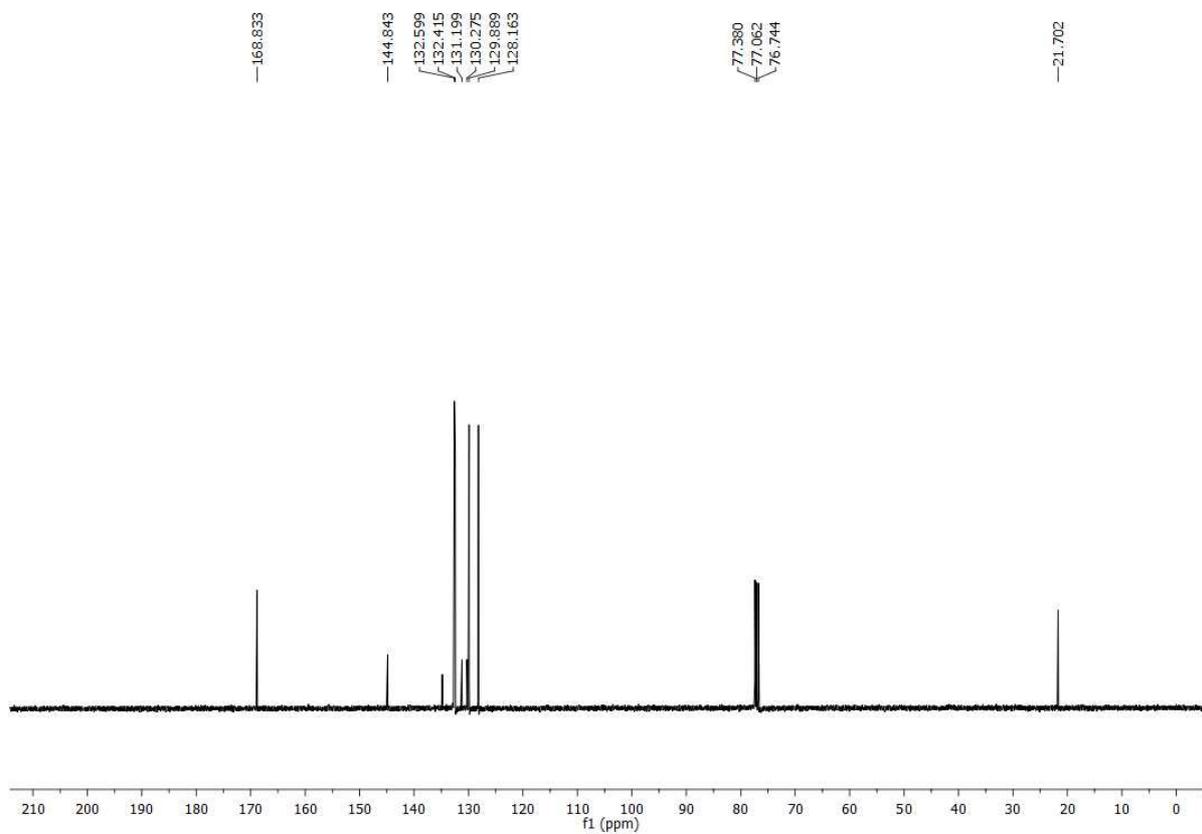


*N*-(4-Chlorobenzylidene)-4-methylbenzenesulfonamide (**3d**)

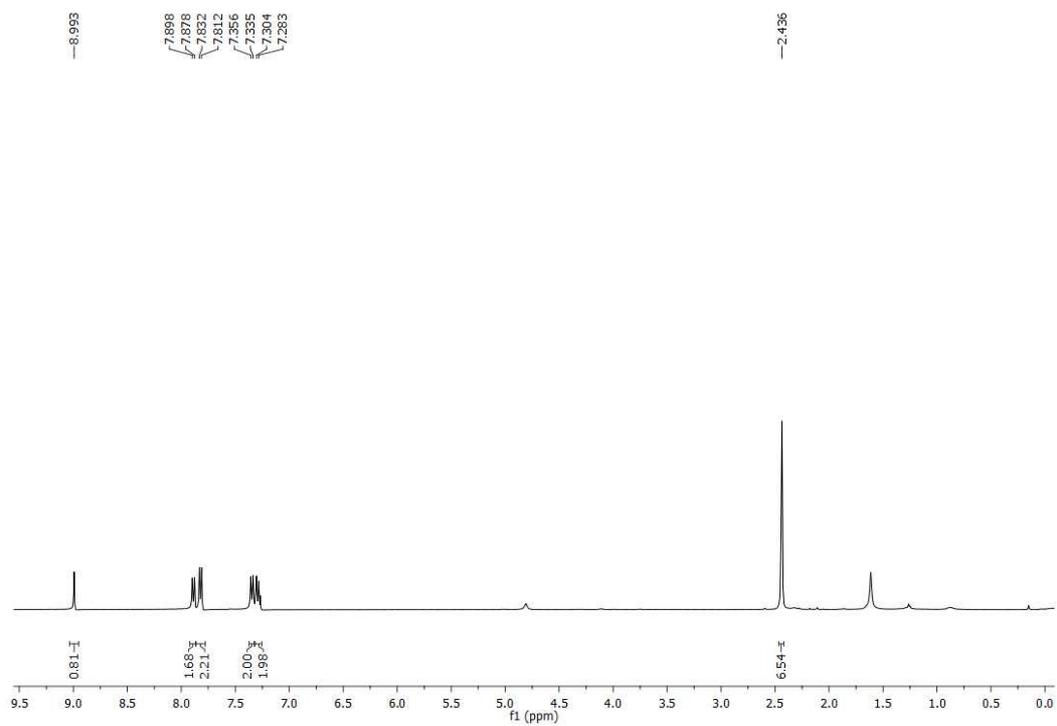


*N*-(4-Bromobenzylidene)-4-methylbenzenesulfonamide (**3e**)

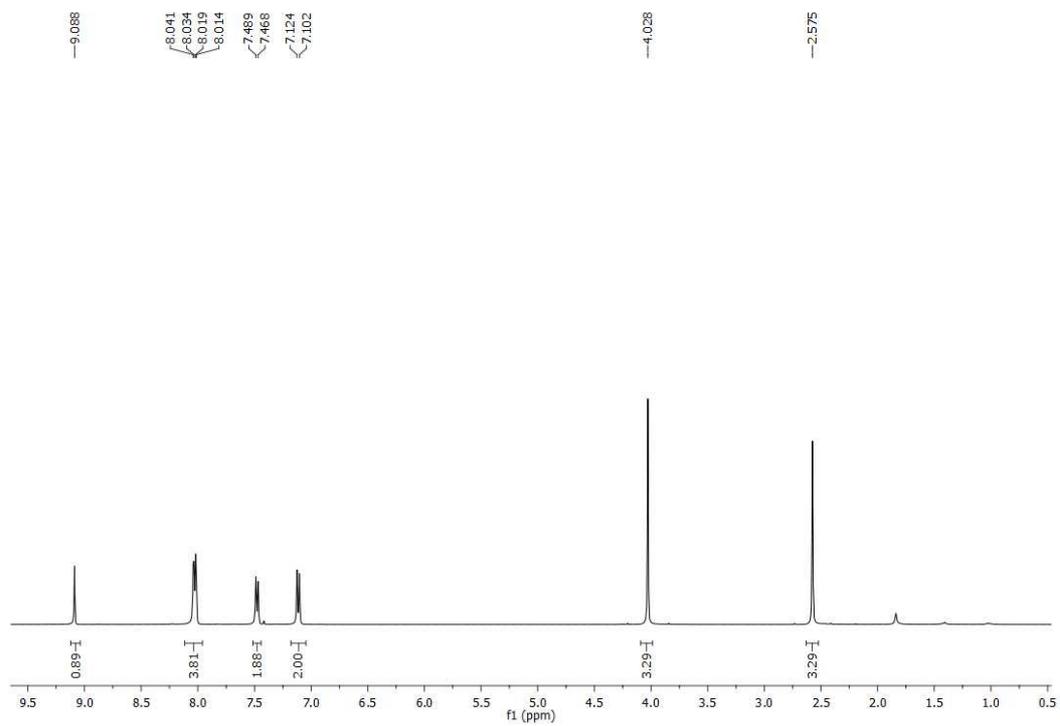




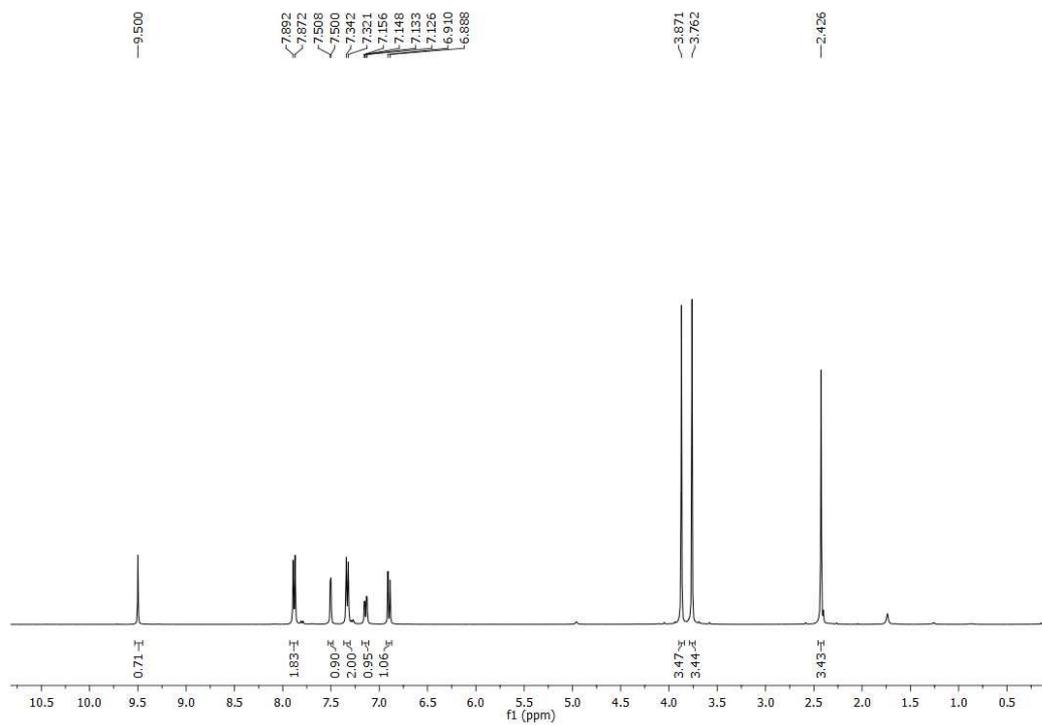
*4-Methyl-N-(4-methylbenzylidene)benzenesulfonamide (3f)*



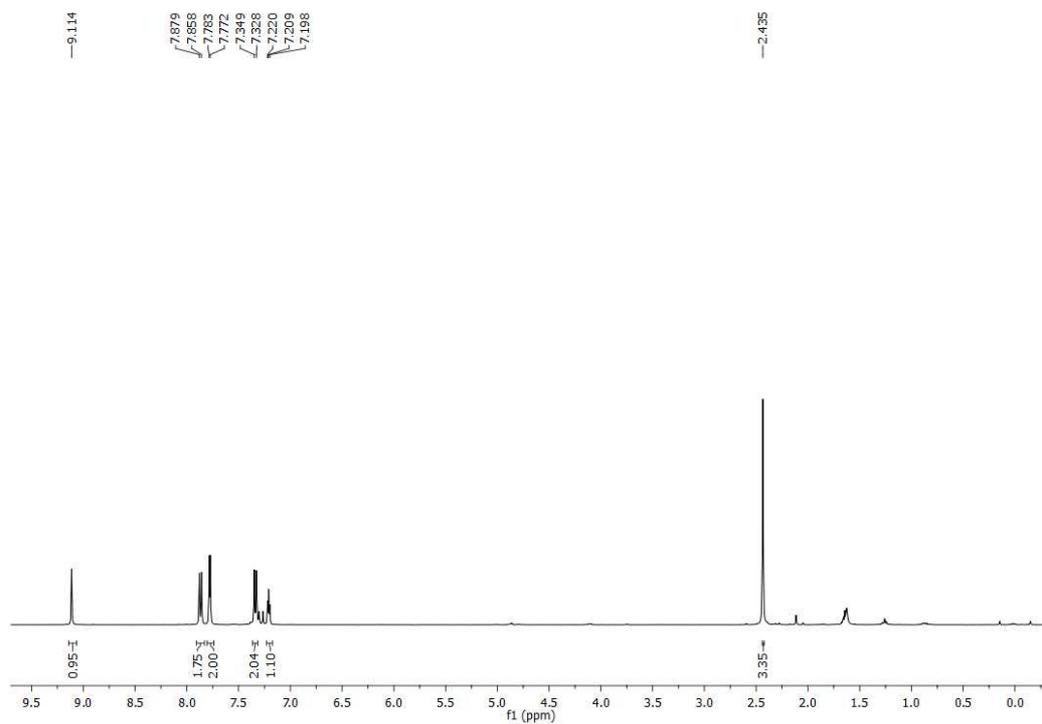
*N*-(4-Methoxybenzylidene)-4-methylbenzenesulfonamide (**3g**)



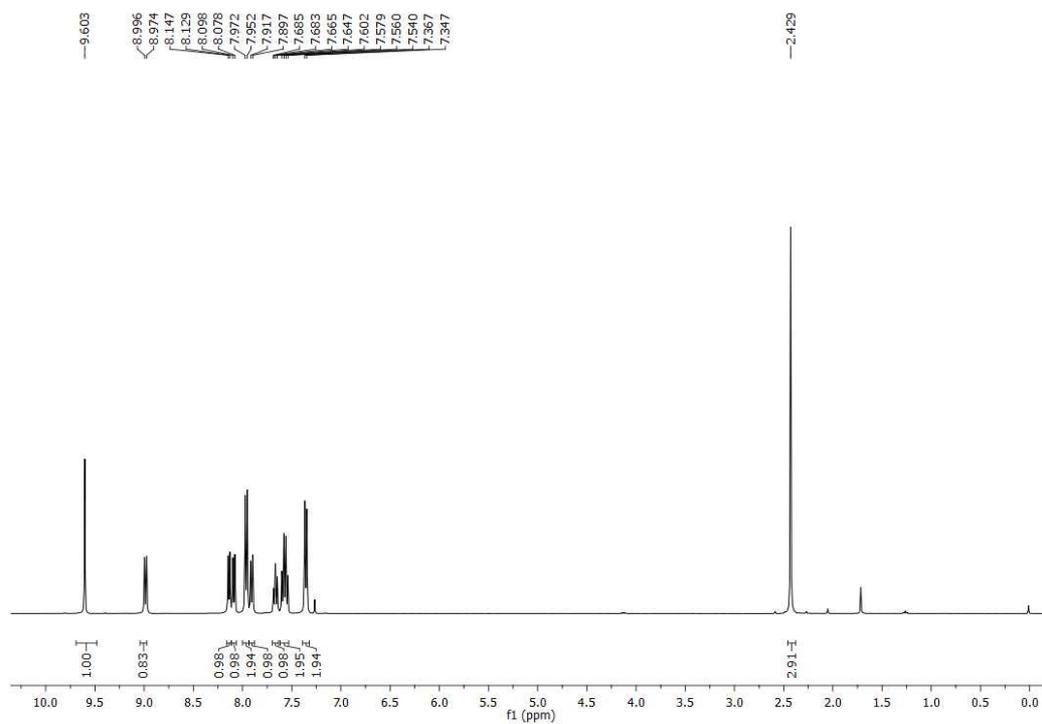
*N*-(2,5-Dimethoxybenzylidene)-4-methylbenzenesulfonamide (**3h**)

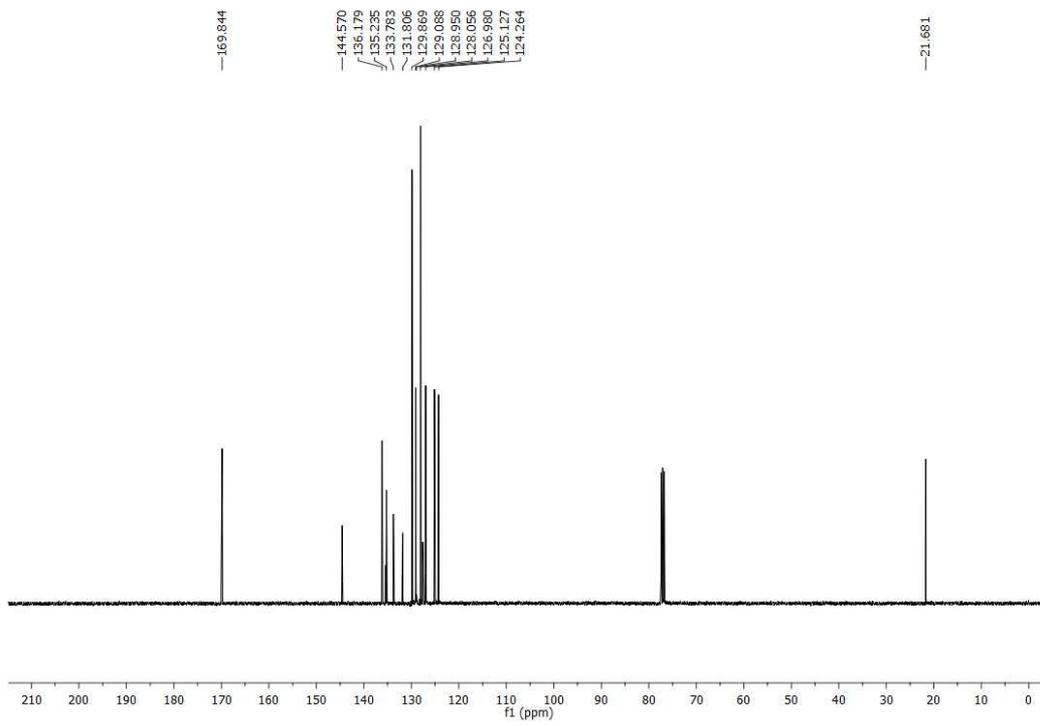


4-Methyl-N-(thiophen-2-ylmethylene)benzenesulfonamide(3i)

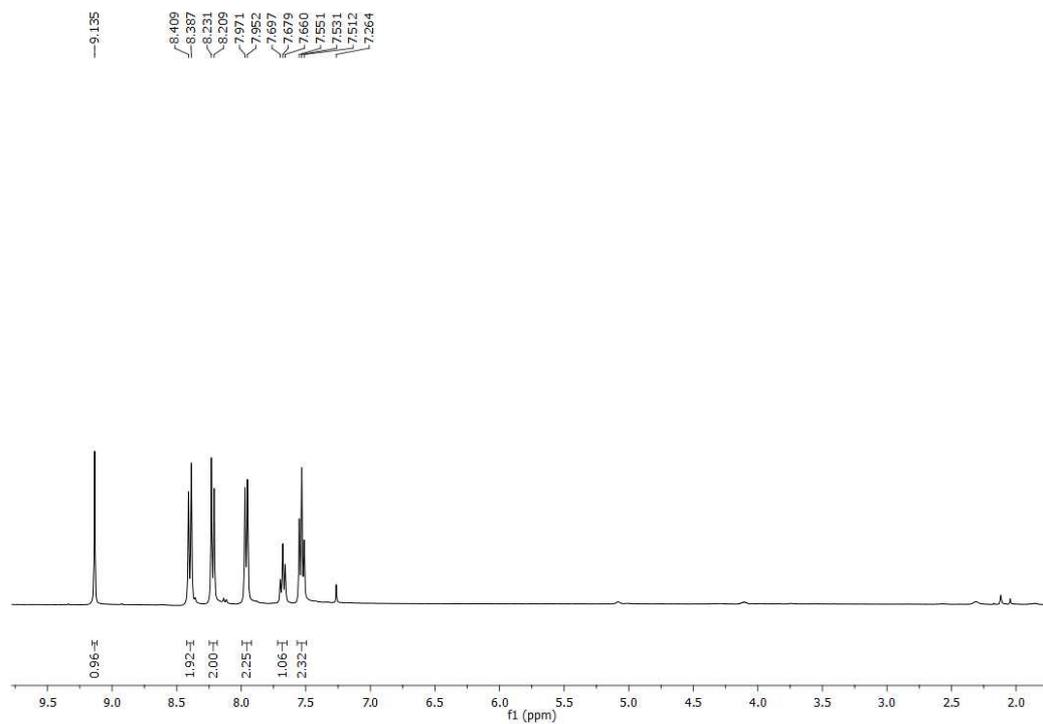


4-Methyl-N-(naphthalen-1-ylmethylene)benzenesulfonamide(3j)

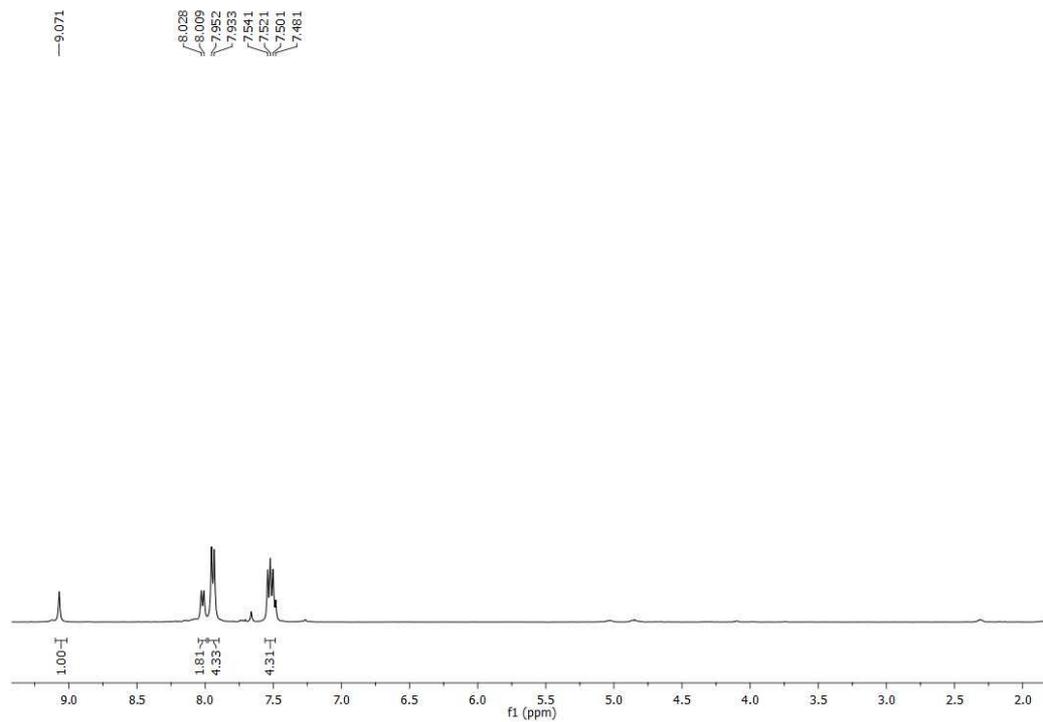




*N*-Benzylidene-4-nitrobenzenesulfonamide (**3k**)



*N*-Benzylidenebenzenesulfonamide(**3l**)



*4-Methyl-N'-(naphthalen-1-ylmethylene)benzenesulfonylhydrazide* (**3m**)

