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Article

Optimization of Biochemical Screening Methods for Volatile and Unstable Sesquiterpenoids Using HS-SPME-GC-MS

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Supplementary Materials

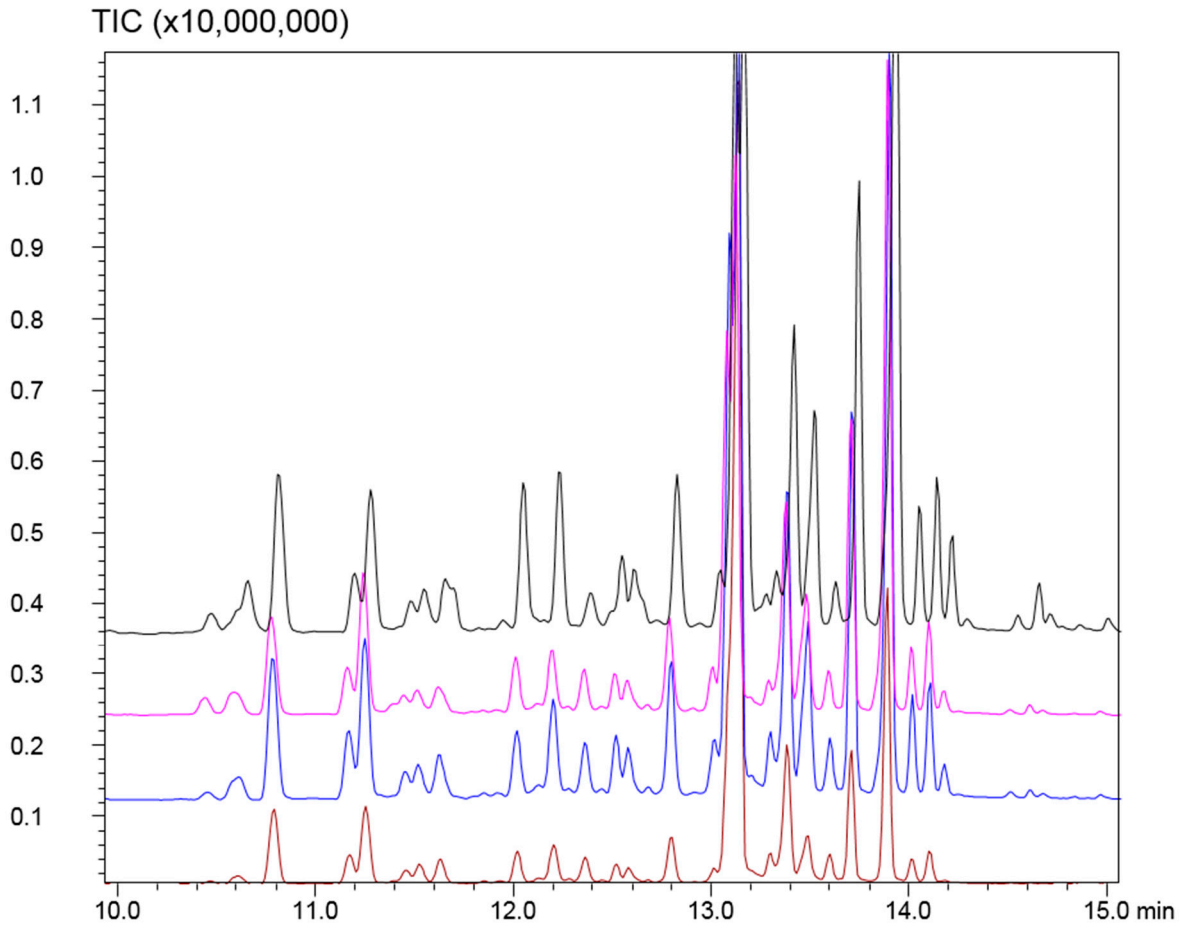

Figure 1. *Tl*TPS7414 profile using PDMS/DVB/CAR. Injection port temperature 160 °C (brown), 190 °C (blue), 220 °C (pink) and 250 °C (black).

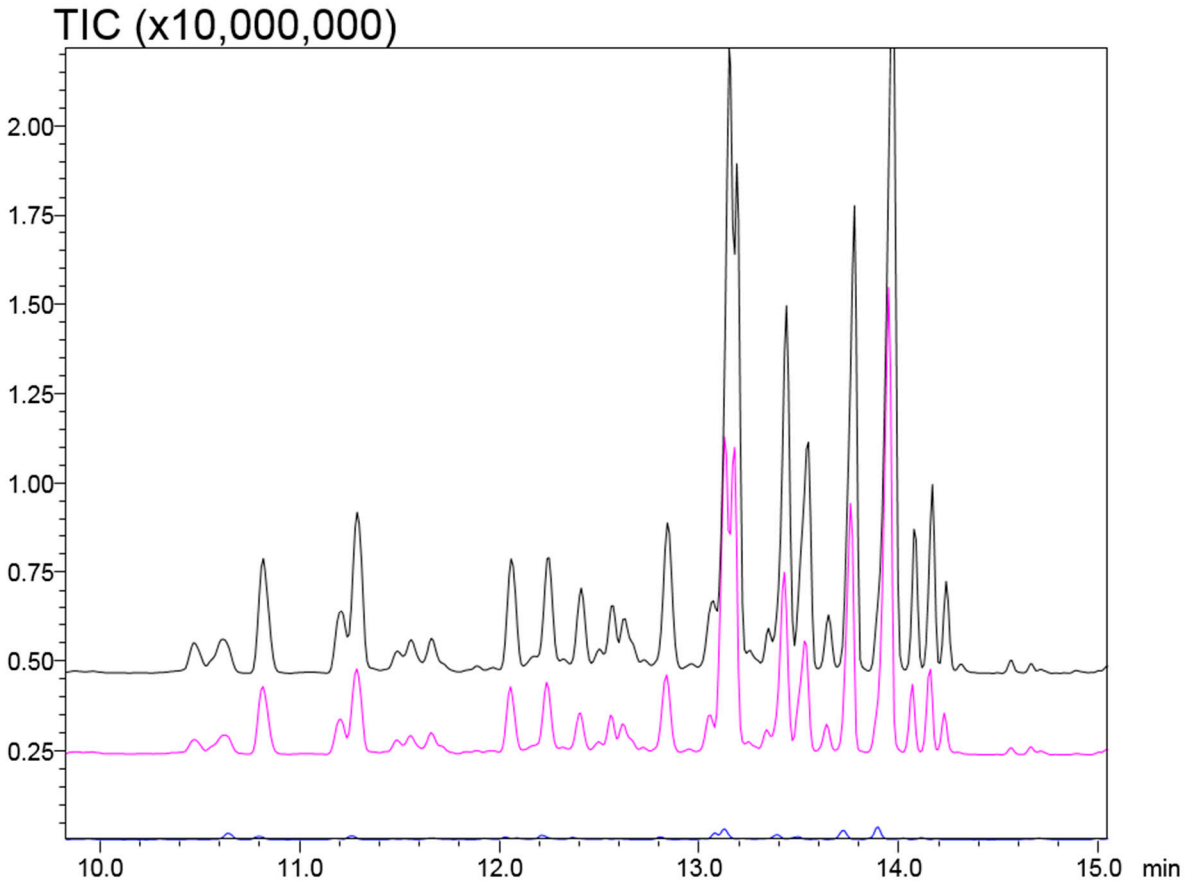

Figure 2. *Tl*TPS7414 Injection port temperature 250 °C using PDMS/CAR/DVB fiber. Black: co infiltration with DXS. Pink: co infiltration with HMGR. Blue: without any co-infiltration. It is clear that the use of either DXS or HMGR boost the production of terpenoids.

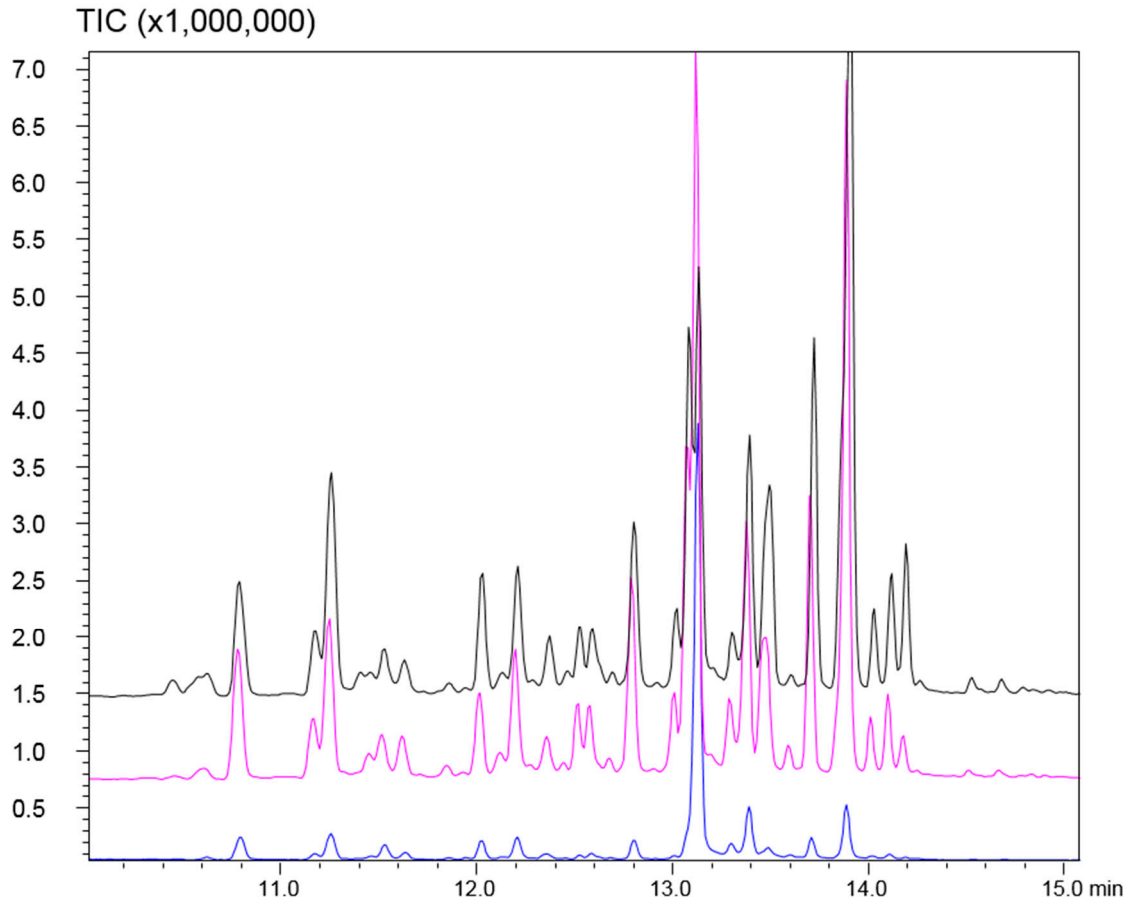

Figure 3. *Tt*TPS7414 profile using CAR/PDMS. Injection port temperature 110 °C (blue), 160 °C (pink) and 250 °C (black).

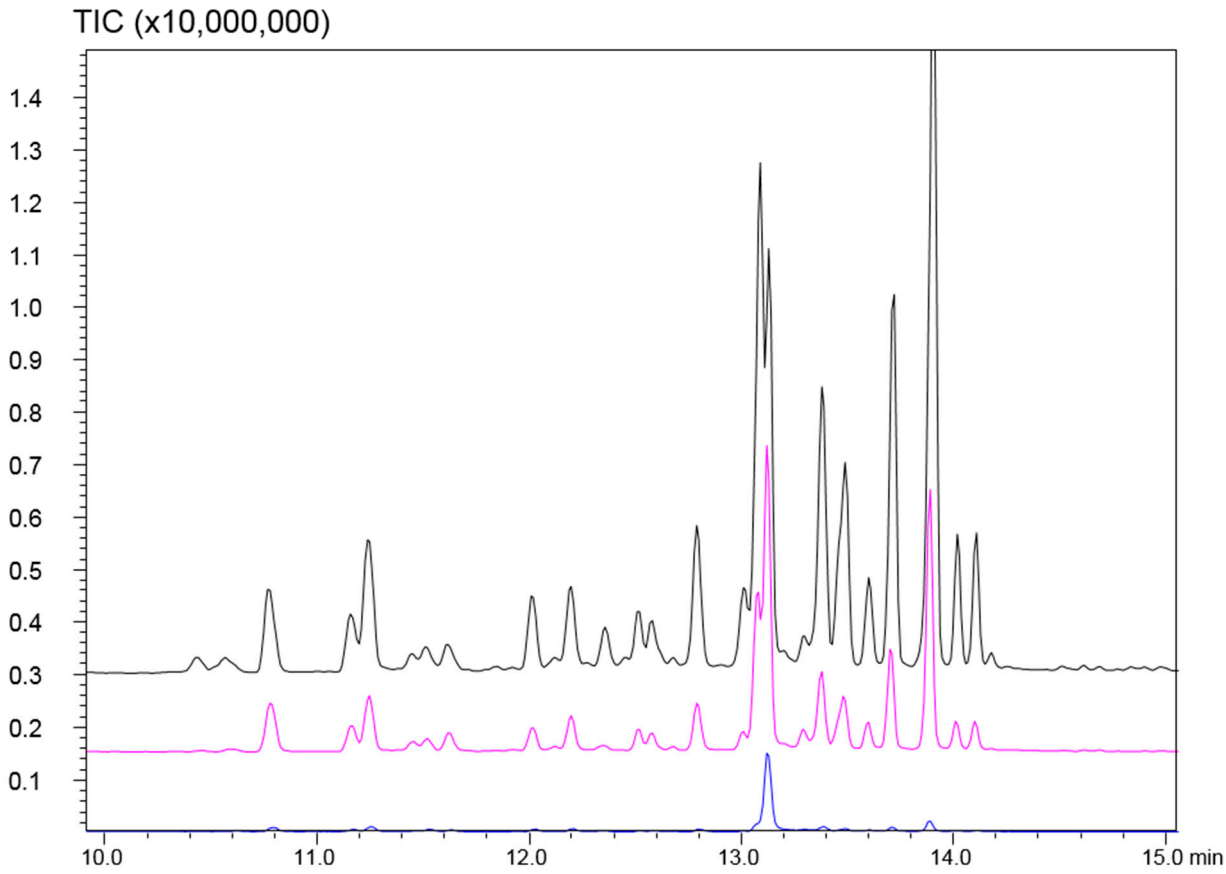

Figure 4. *Tt*TPS7414 profile using PDMS/DVP. Injection port temperature 110 °C (blue), 160 °C (pink) and 250 °C (black).

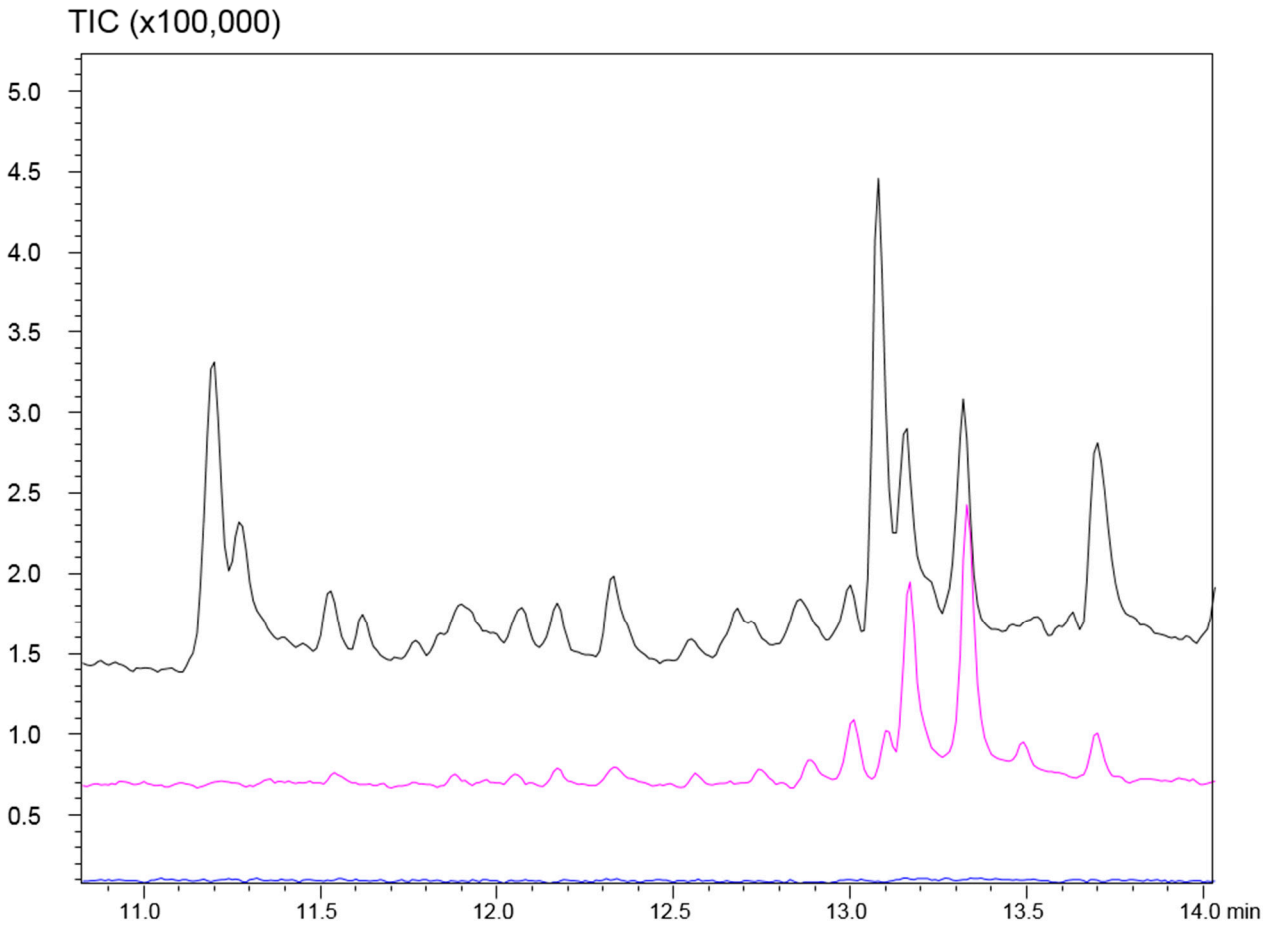

Figure 5. *Tp*GAS profile using PDMS/DVP. Injection port temperature 110 °C (blue), 160 °C (pink) and 250 °C (black).

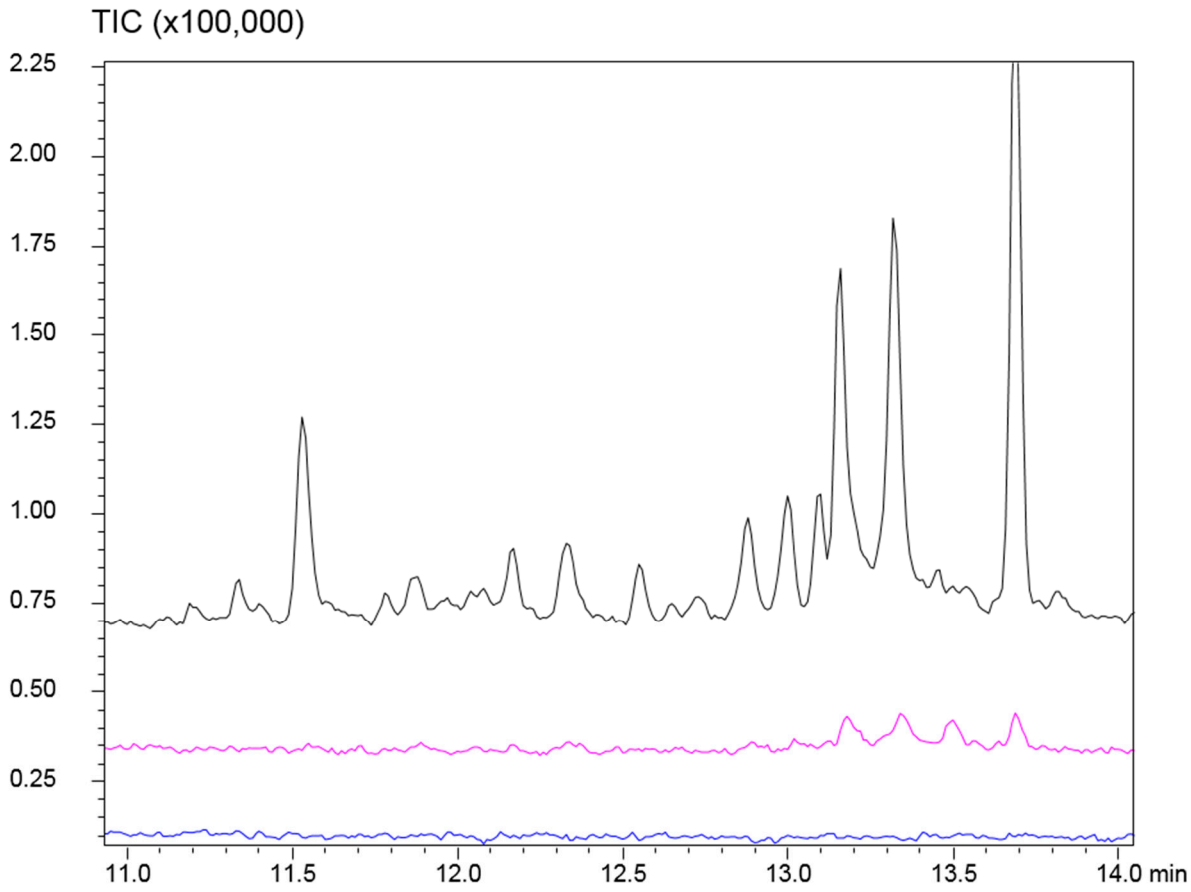

Figure 6. *Tp*GAS profile using CAR/PDMS. Injection port temperature 110 °C (blue), 160 °C (pink) and 250 °C (black).

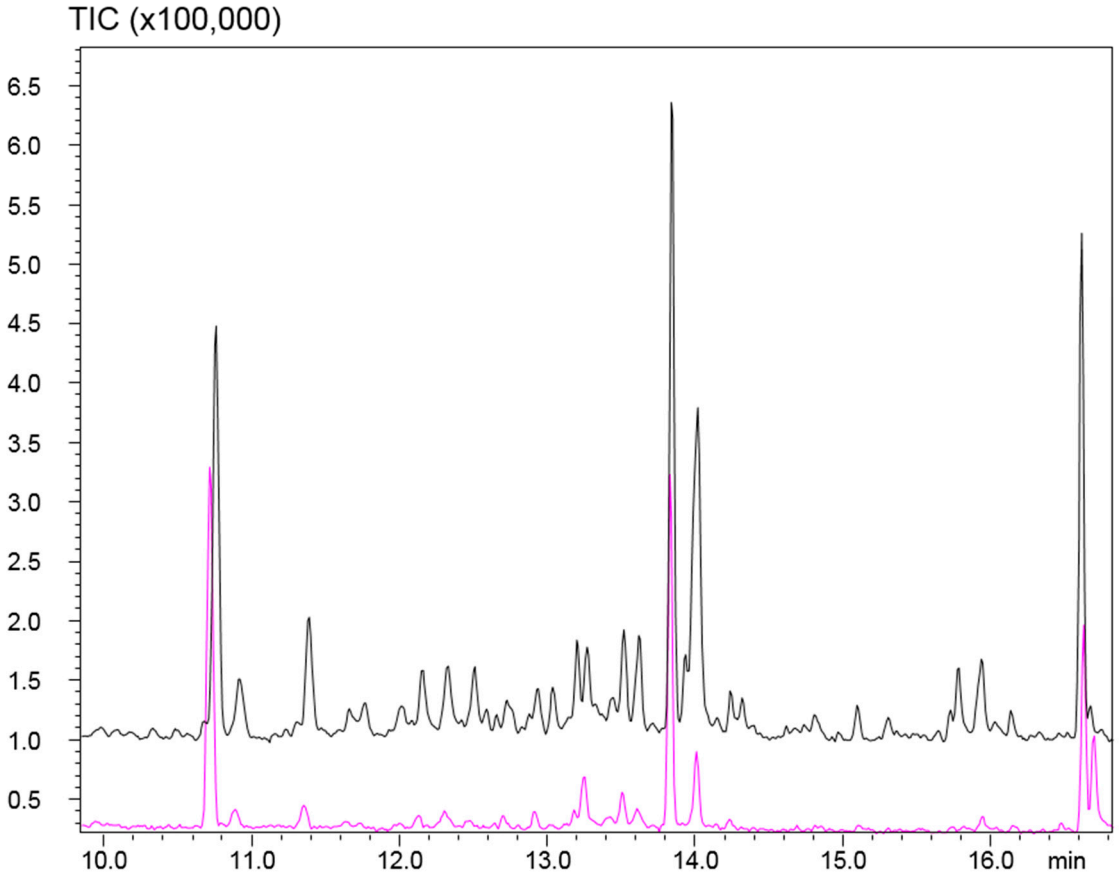

Figure 7. *Tg*TPS2 profile using CAR/PDMS. Injection port temperature 160 °C (pink) and 250 °C (black).

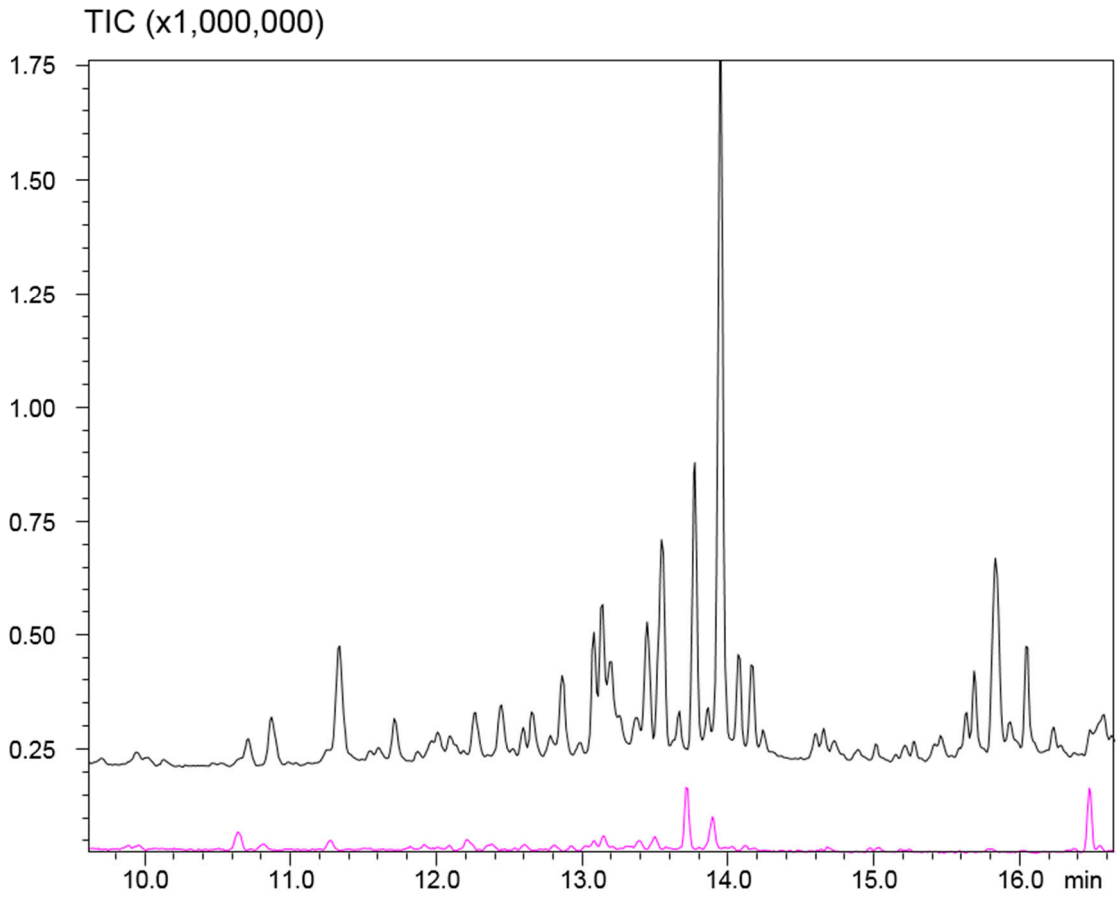

Figure 8. *Tg*TPS2 profile using PDMS/DVP. Injection port temperature 160 °C (pink) and 250 °C (black).s