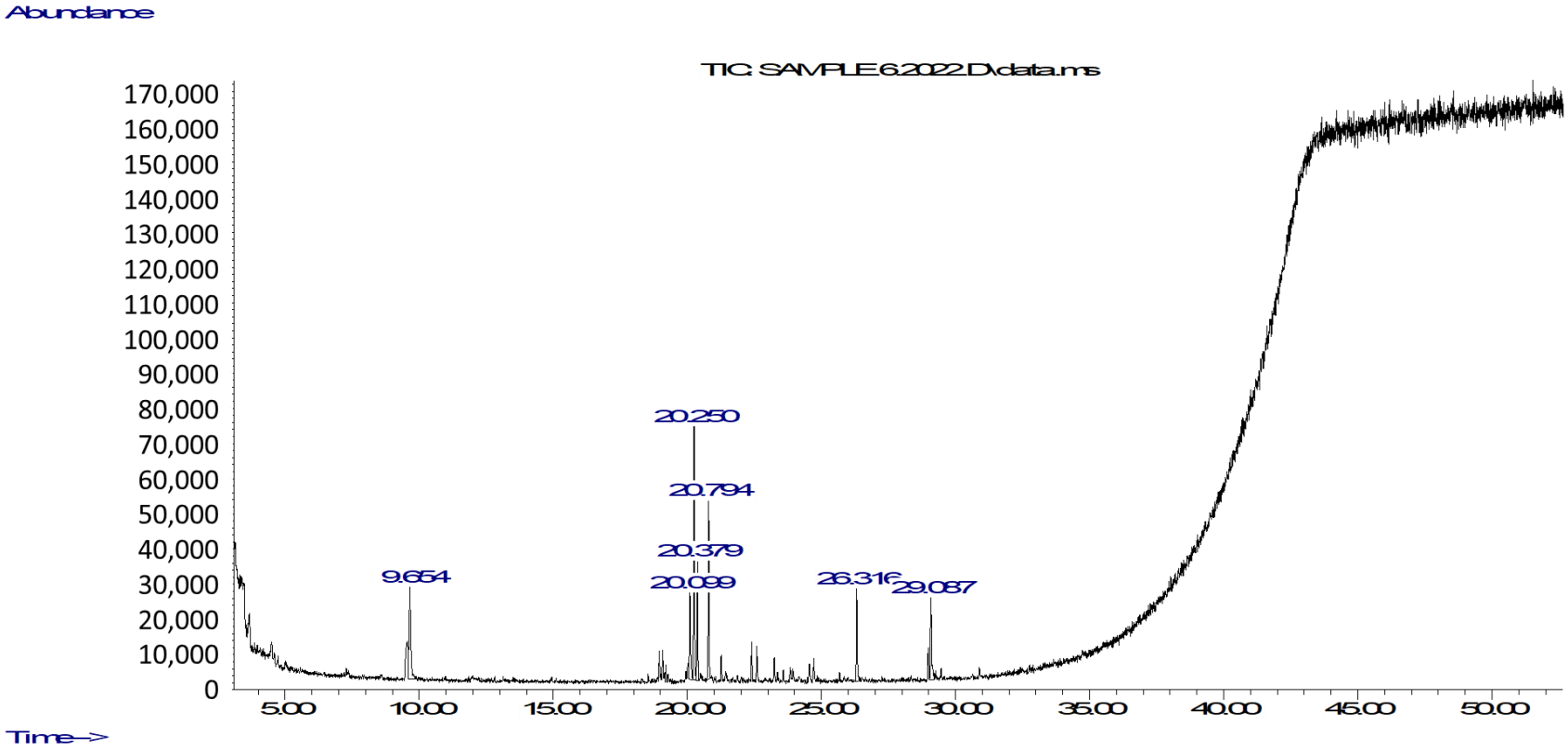


Figure S1. GC-MS chromatogram of leaf extract of *Artemisia monosperma.*

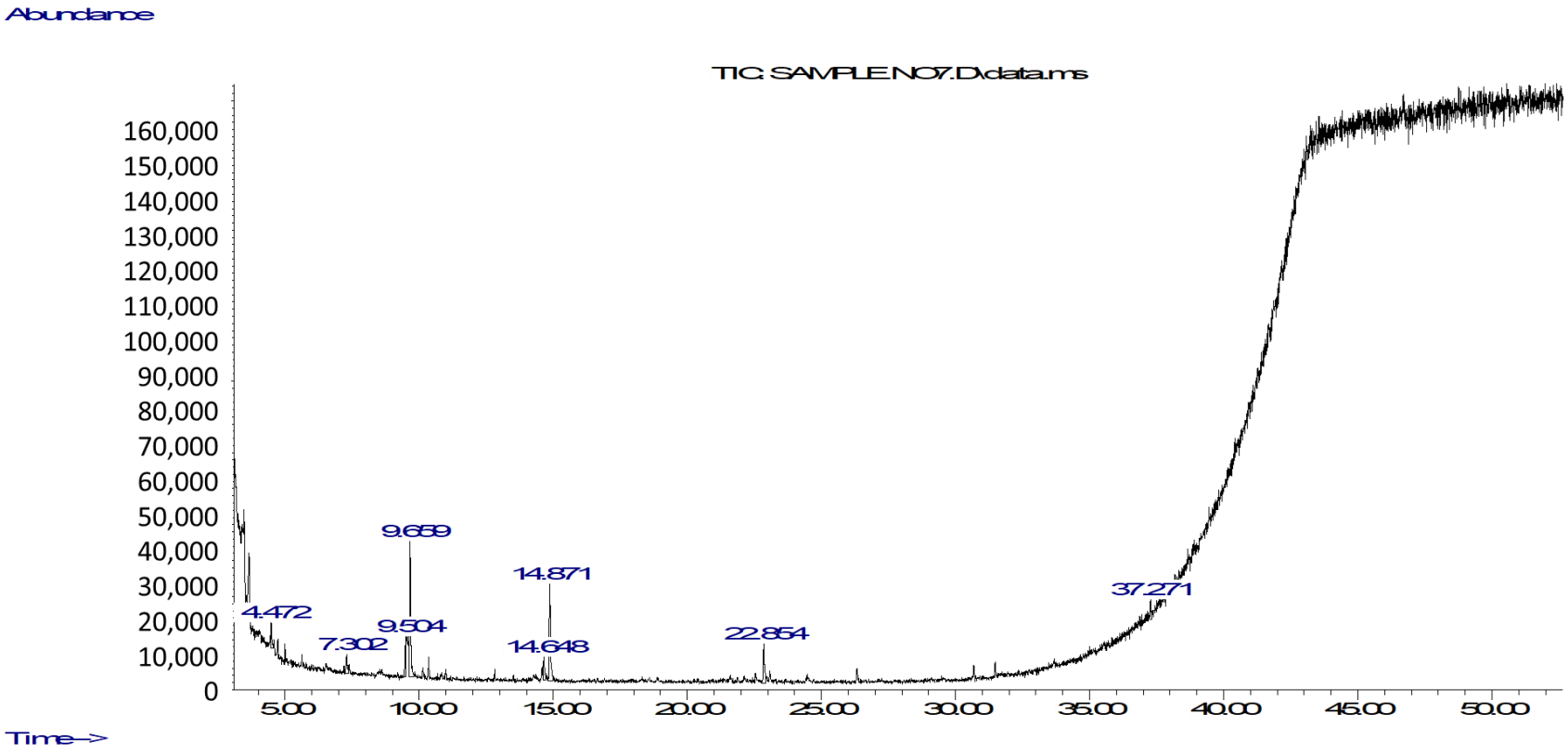


Figure S2. GC-MS chromatogram of leaf extract of *Artemisia sieberi.*

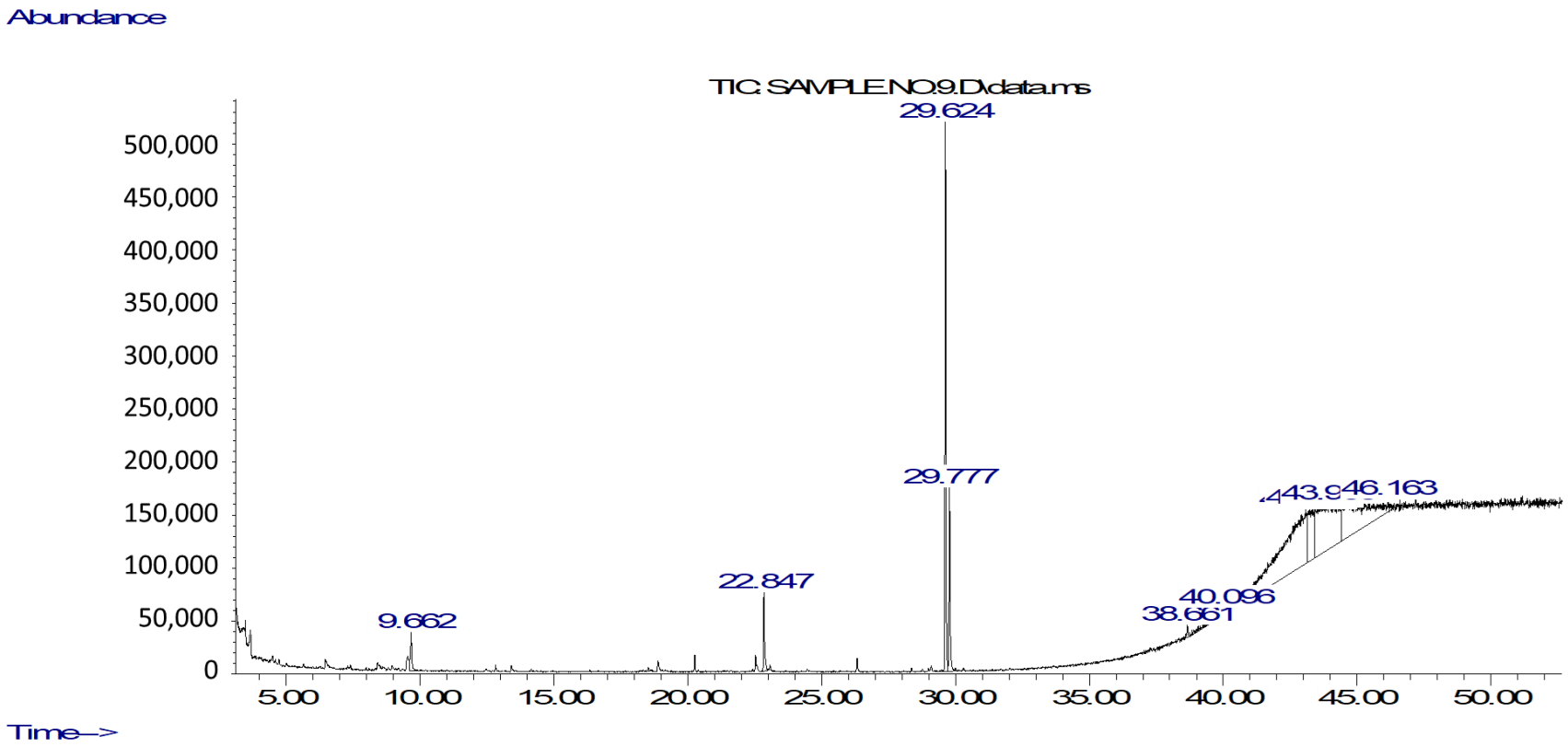
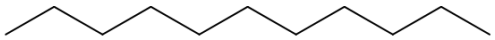
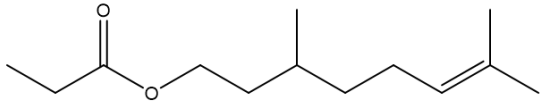


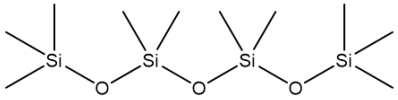
Figure S3. GC-MS chromatogram of leaf extract of *Artemisia judaica.*



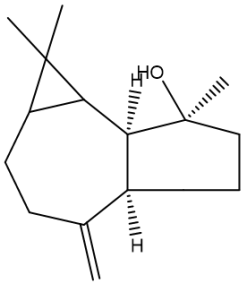
Undecane



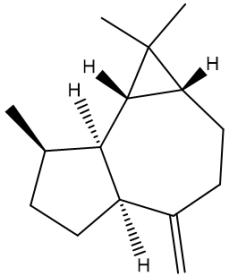
6-Octen-1-ol, 3,7-dimethyl-, propanoate



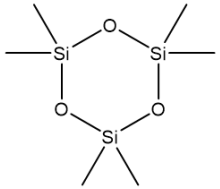
Tetrasiloxane, decamethyl-



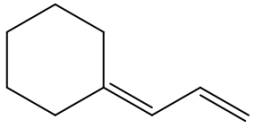
(-)-Spathulenol



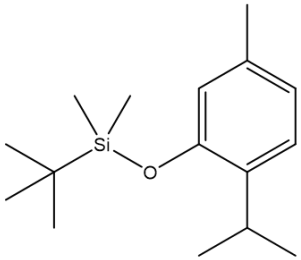
Aromadendrene



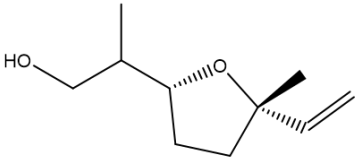
Cyclotrisiloxane, hexamethyl-



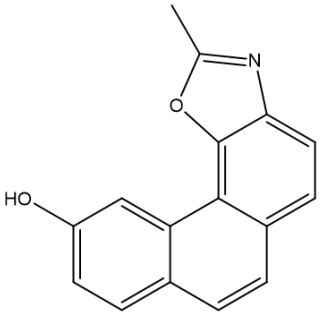
Allylidenecyclohexane



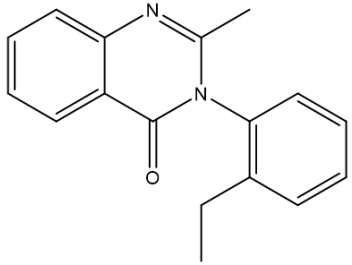
Benzene, 2-[(tert-butyldimethylsilyl) oxy]-1-isopropyl-4-methyl-



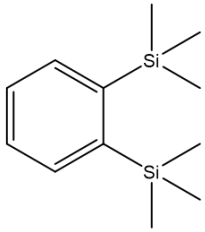
Lilac alcohol C



2-Methylphenanthro[3,4-d] [1,3] oxazol-10-ol



Etaqualone



1,2-Bis(trimethylsilyl)benzene

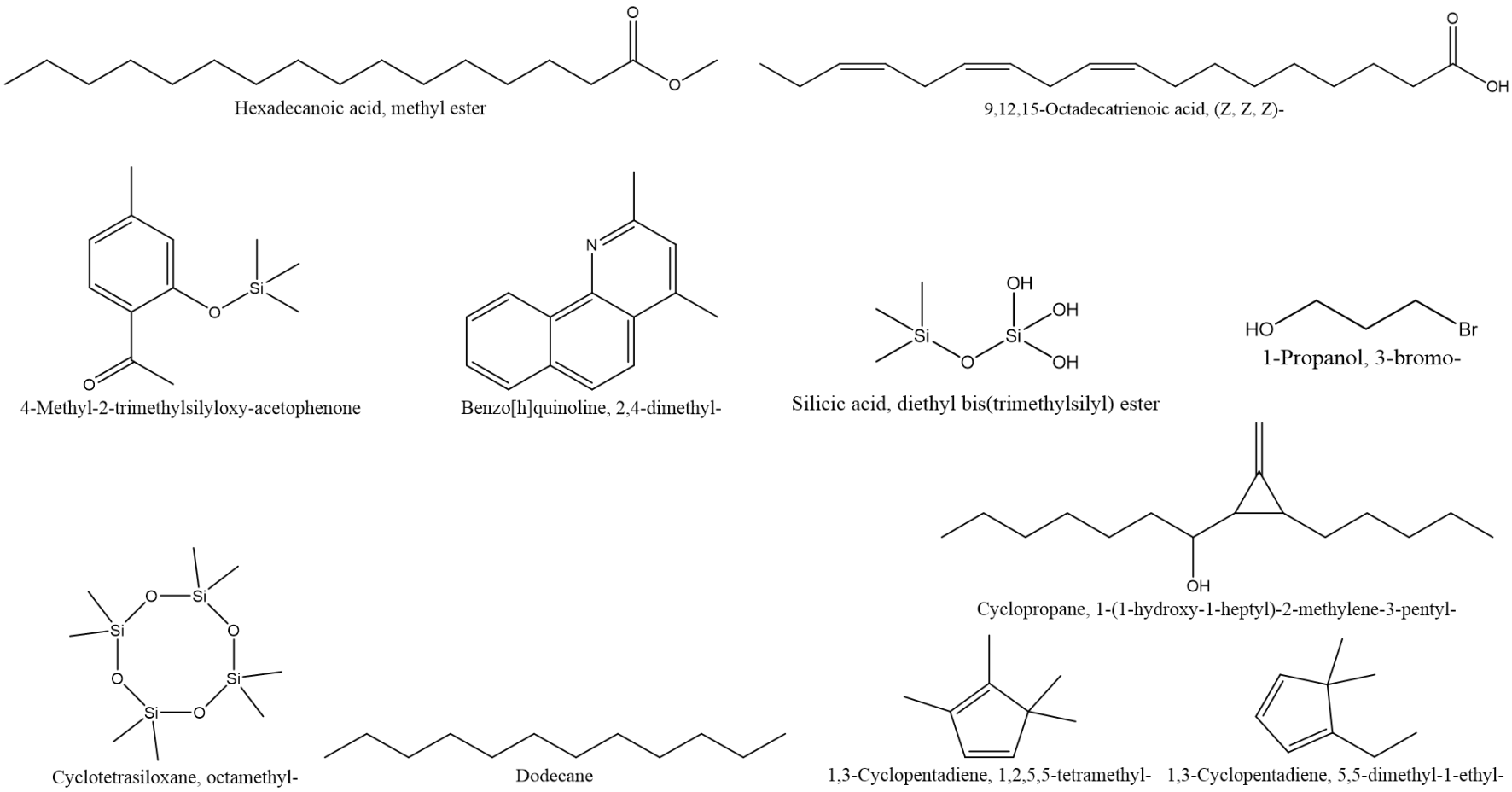


Figure S4. Chemical structures of identified phytochemical compounds from leaf extract of different species (*A. monosperma, A. judaica and A. sieberi*) of *Artemisia.*