

Supplementary Materials

for the article:

Volatilomic signatures of AGS and SNU-1 gastric cancer cell lines

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Submitted to:

Molecules

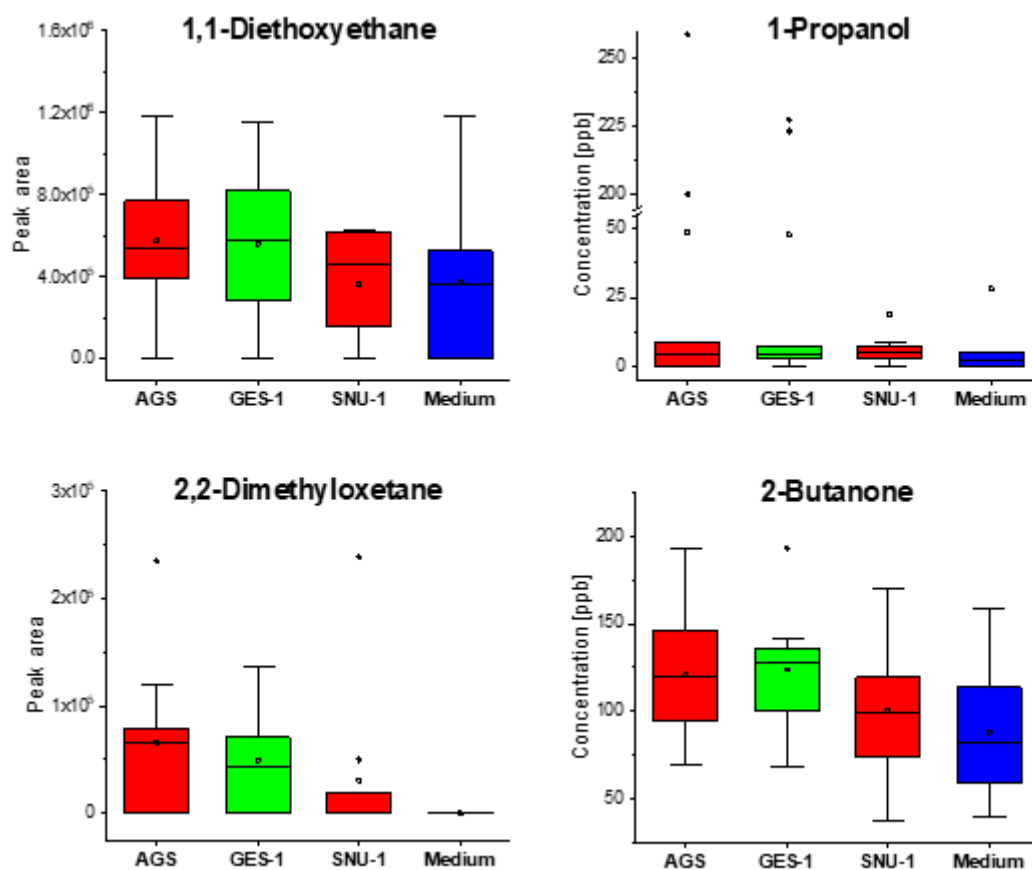


Figure S1. Comparison of the headspace concentrations of 1,1 diethoxyethane, 1-propanol, 2,2 dimethoxyethane and 2-butanone over the cultures of AGS, SNU-1, GES-1 cells and medium.

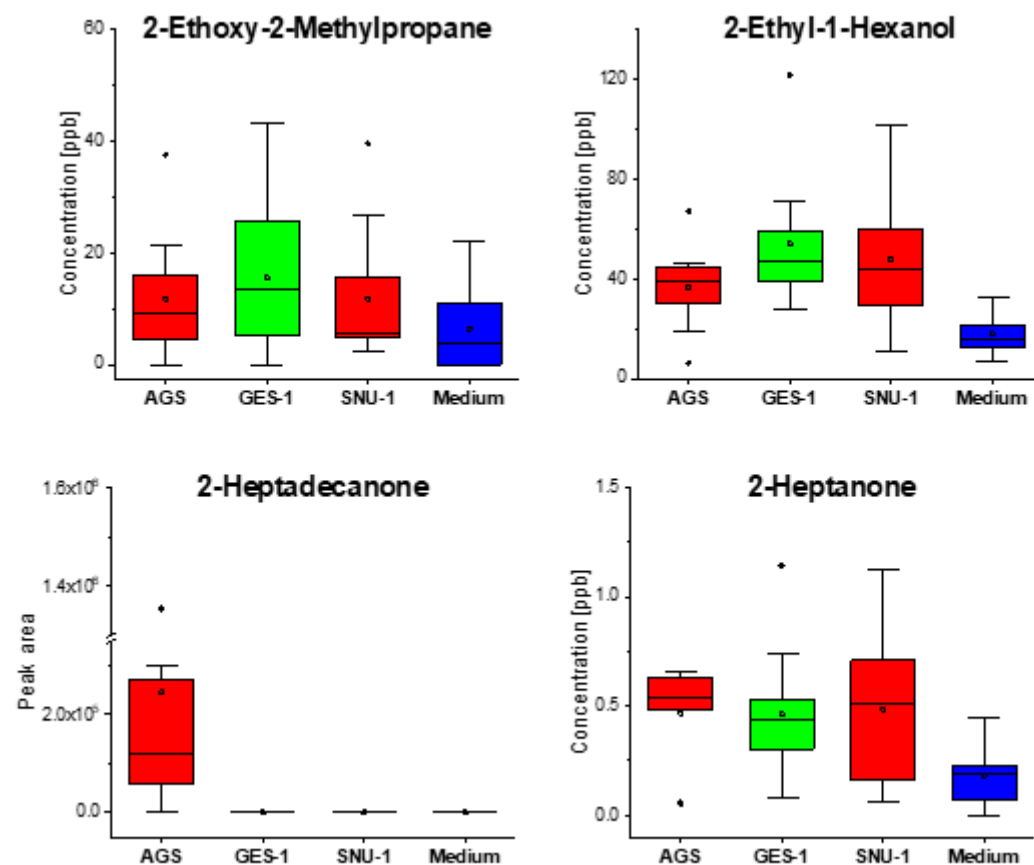


Figure S2. Comparison of the headspace concentrations of 2-ethoxy-2-methylpropane, 2-ethyl-1-hexanol, 2-heptadecanone and 2-heptanone over the cultures of AGS, SNU-1, GES-1 cells and medium.

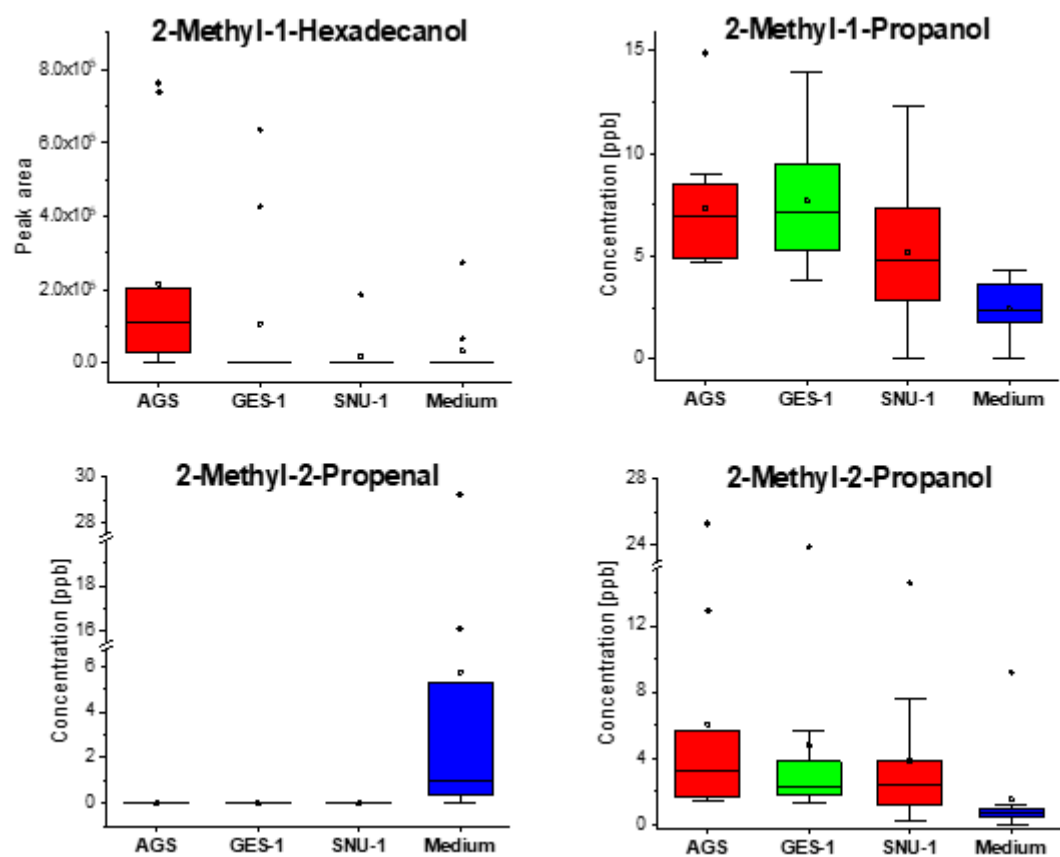


Figure S3. Comparison of the headspace concentrations of 2-methyl-1-hexadecanol, 2-methyl-2-propenal, 2-methyl-1-propanol and 2-methyl-2-propanol over the cultures of AGS, SNU-1, GES-1 cells and medium.

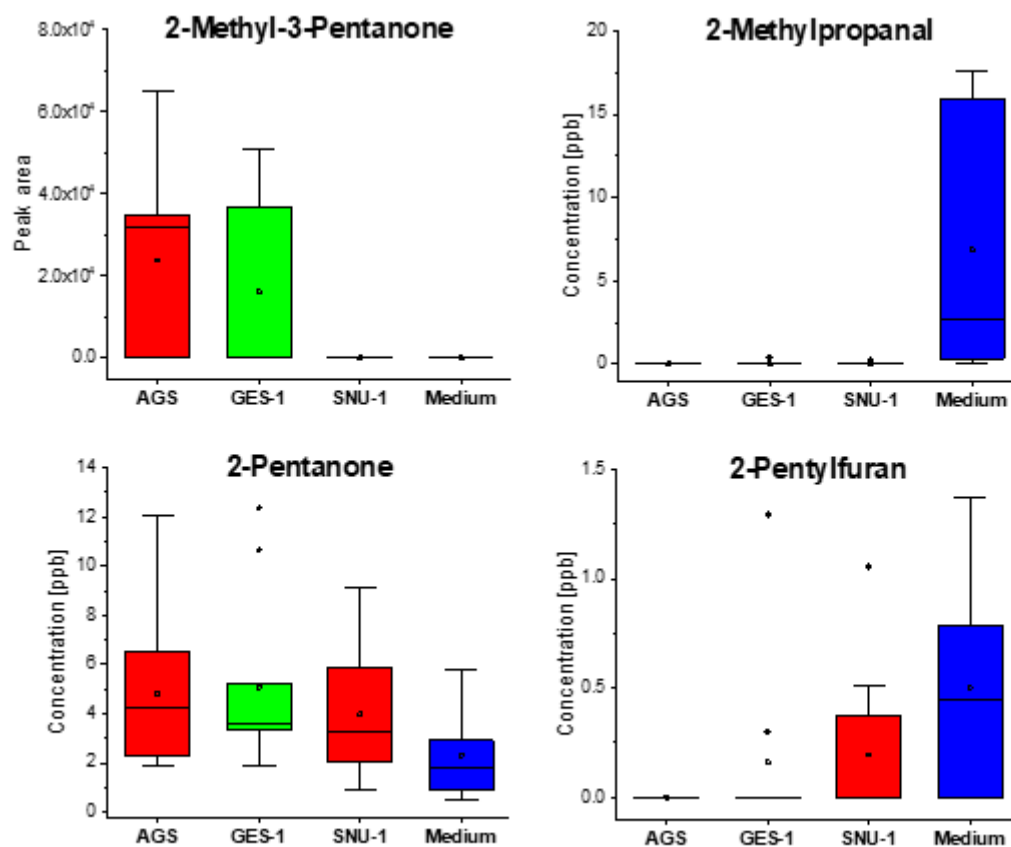


Figure S4. Comparison of the headspace concentrations of 2-methyl-3-pentanone, 2-methylpropanal, 2-pentanone and 2-pentylfuran over the cultures of AGS, SNU-1, GES-1 cells and medium.

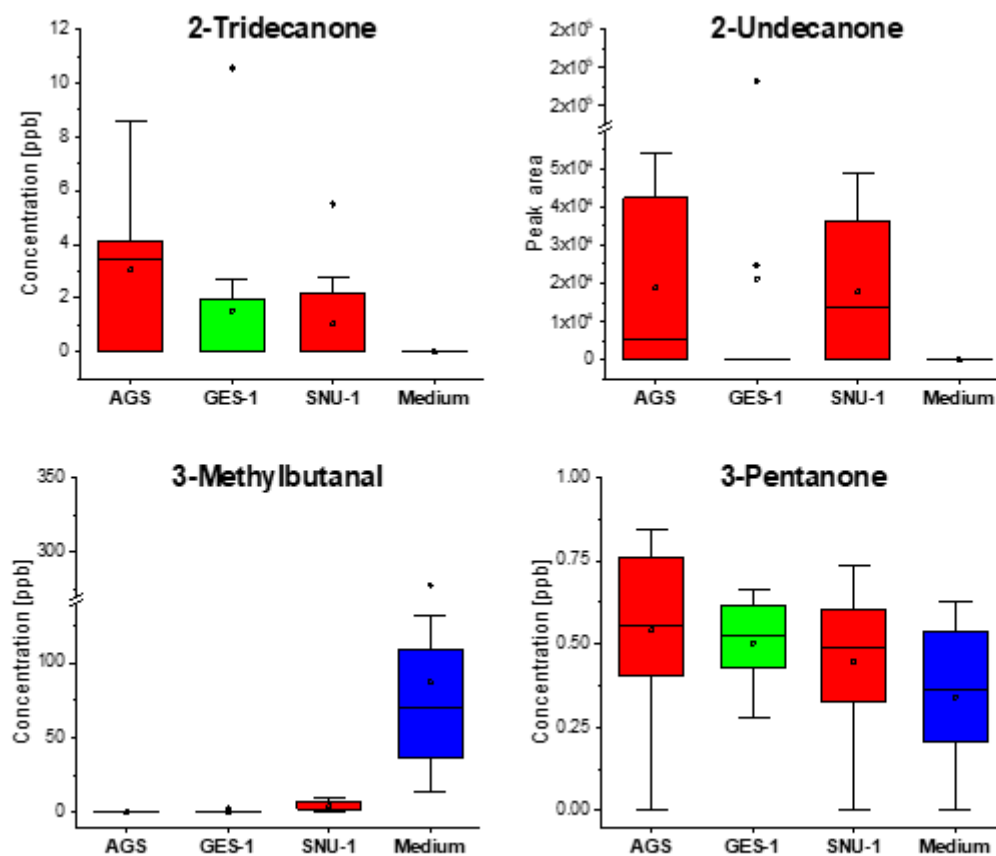


Figure S5. Comparison of the headspace concentrations of 2-tridecanone, 2-undecanone, 3-methylbutanal and 3-pentanone over the cultures of AGS, SNU-1, GES-1 cells and medium.

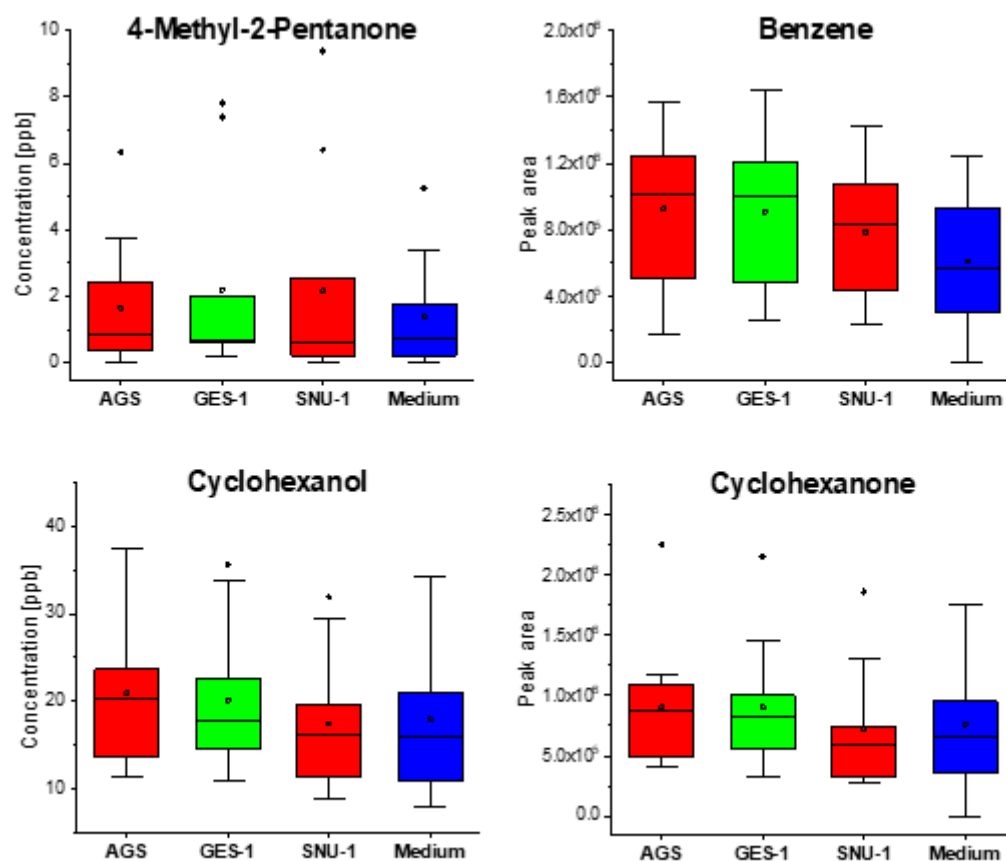


Figure S6. Comparison of the headspace concentrations of 4-methyl-2-pentanone, benzene, cyclohexanol and cyclohexanone over the cultures of AGS, SNU-1, GES-1 cells and medium.

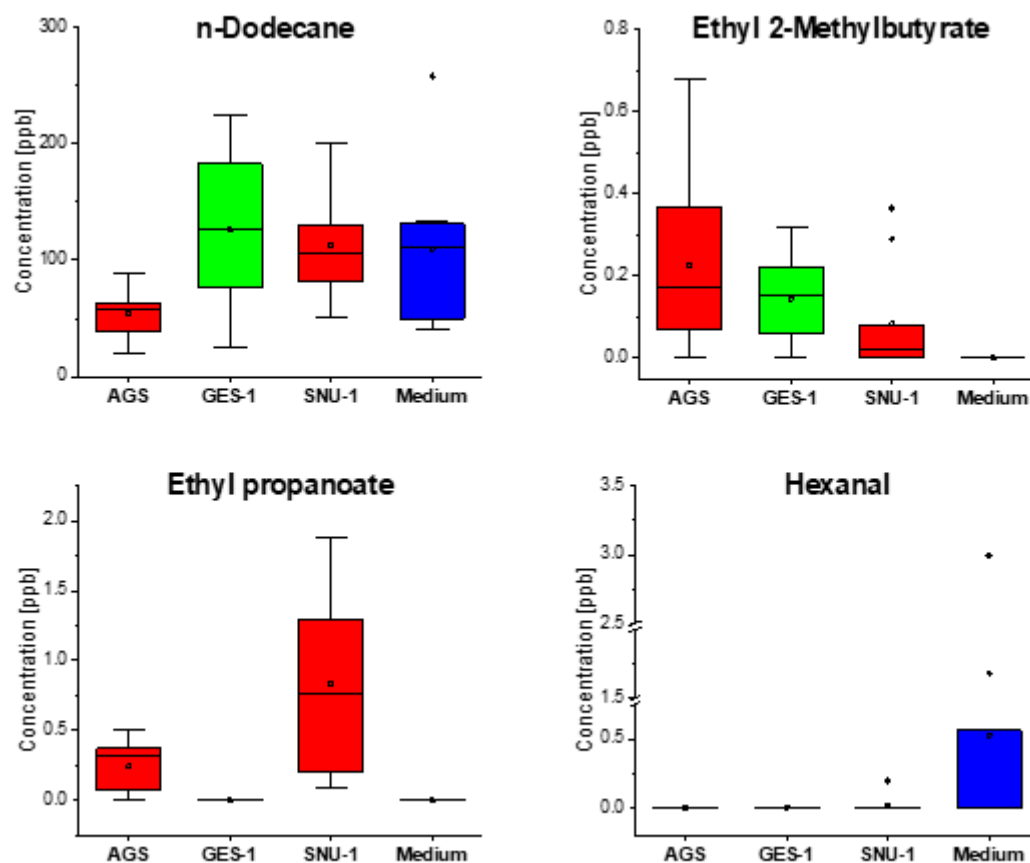


Figure S7. Comparison of the headspace concentrations of n-dodecane, ethyl 2-methylbutyrate, ethyl propanoate and hexanal over the cultures of AGS, SNU-1, GES-1 cells and medium.

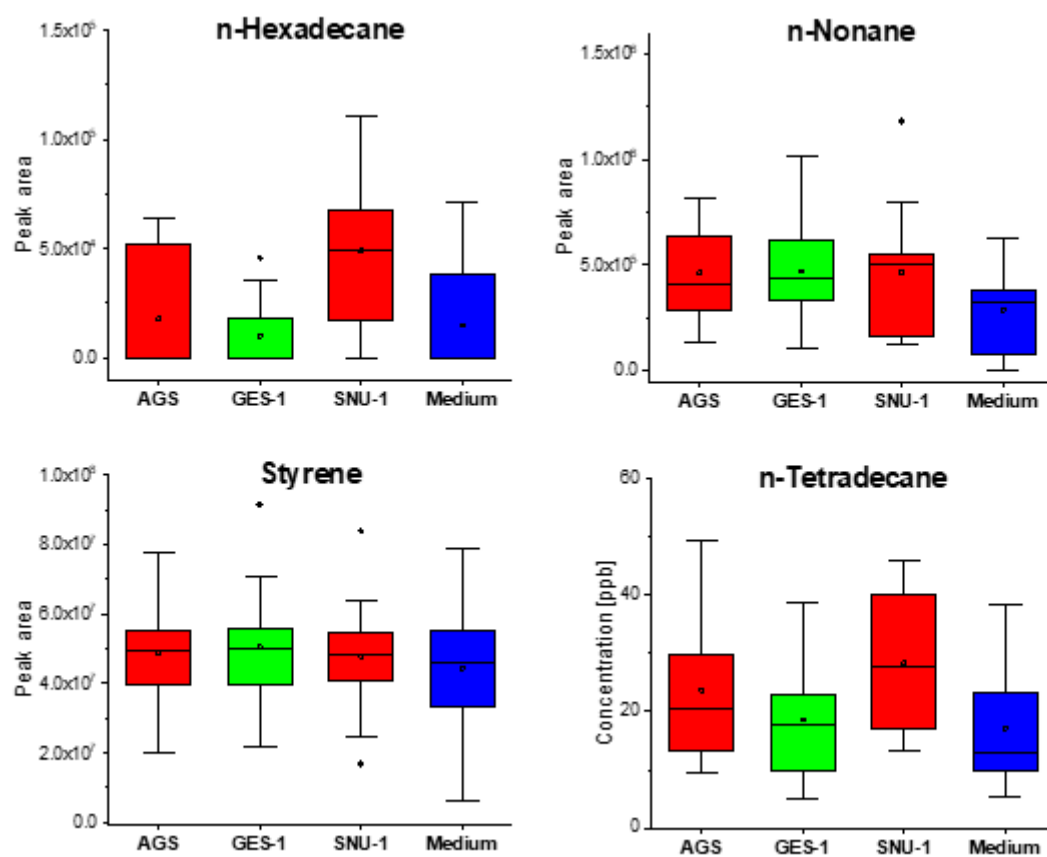


Figure S8. Comparison of the headspace concentrations of n-hexadecane, n-nonane, styrene and n-tetradecane over the cultures of AGS, SNU-1, GES-1 cells and medium.

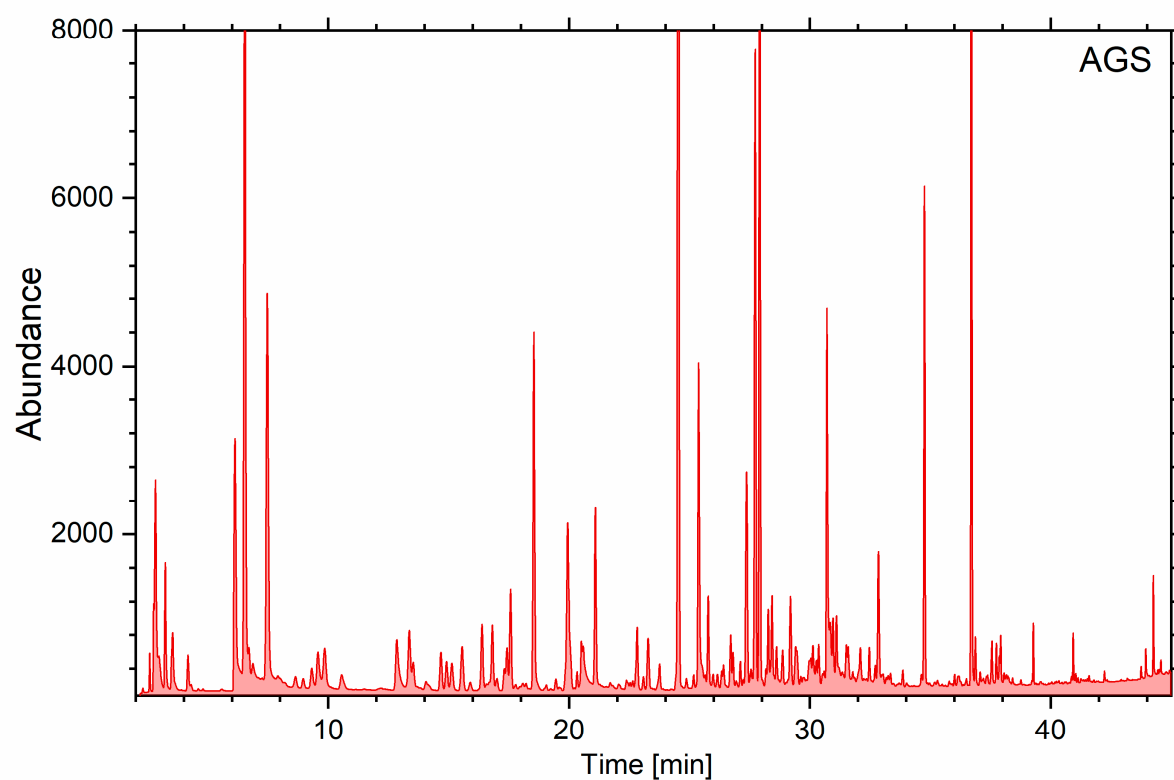


Figure S9 Exemplary chromatogram from HS-NTE-GCMS analysis of an AGS cell culture head-space.

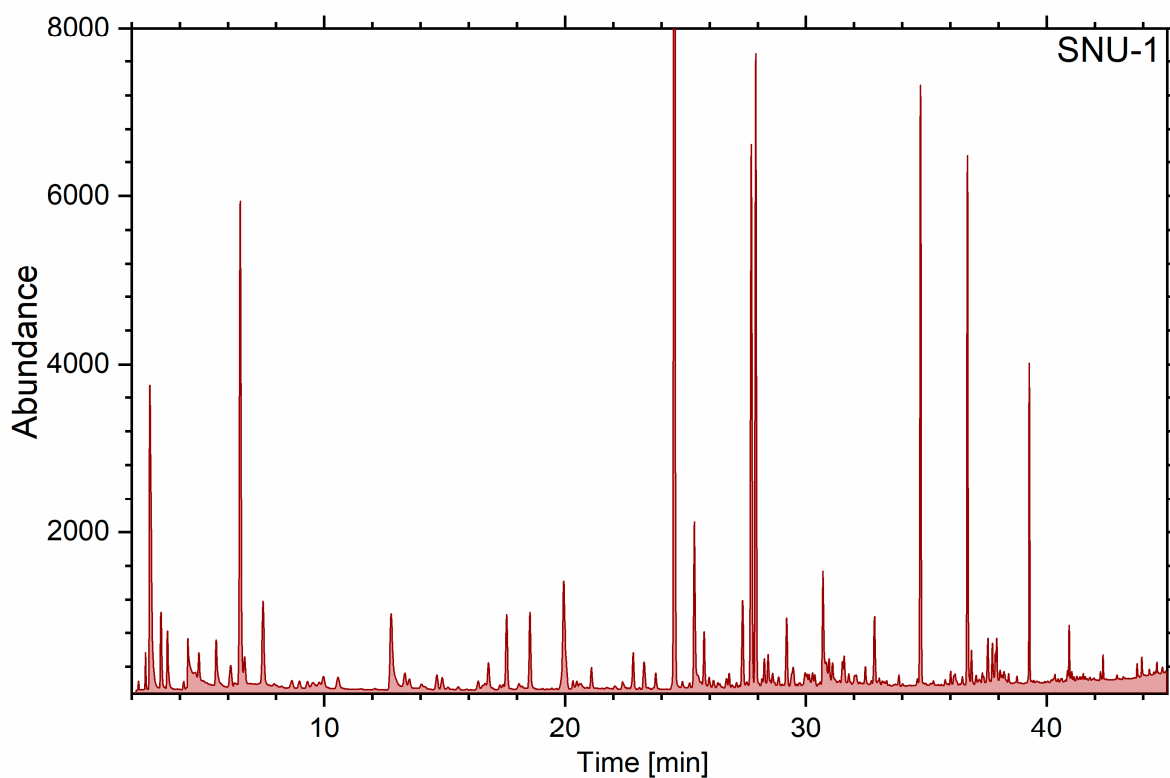


Figure S10 Exemplary chromatogram from HS-NTE-GCMS analysis of a SNU-1 cell culture head-space.

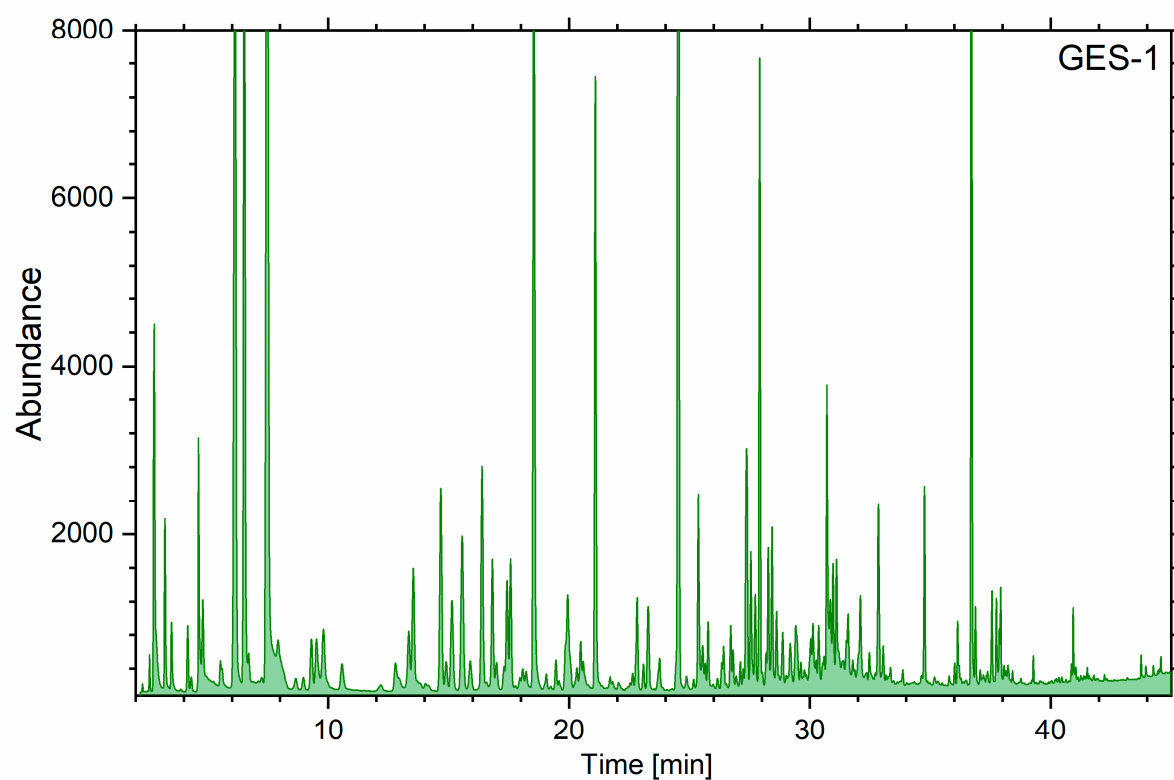


Figure S11 Exemplary chromatogram from HS-NTE-GCMS analysis of a GES-1 cell culture head-space.

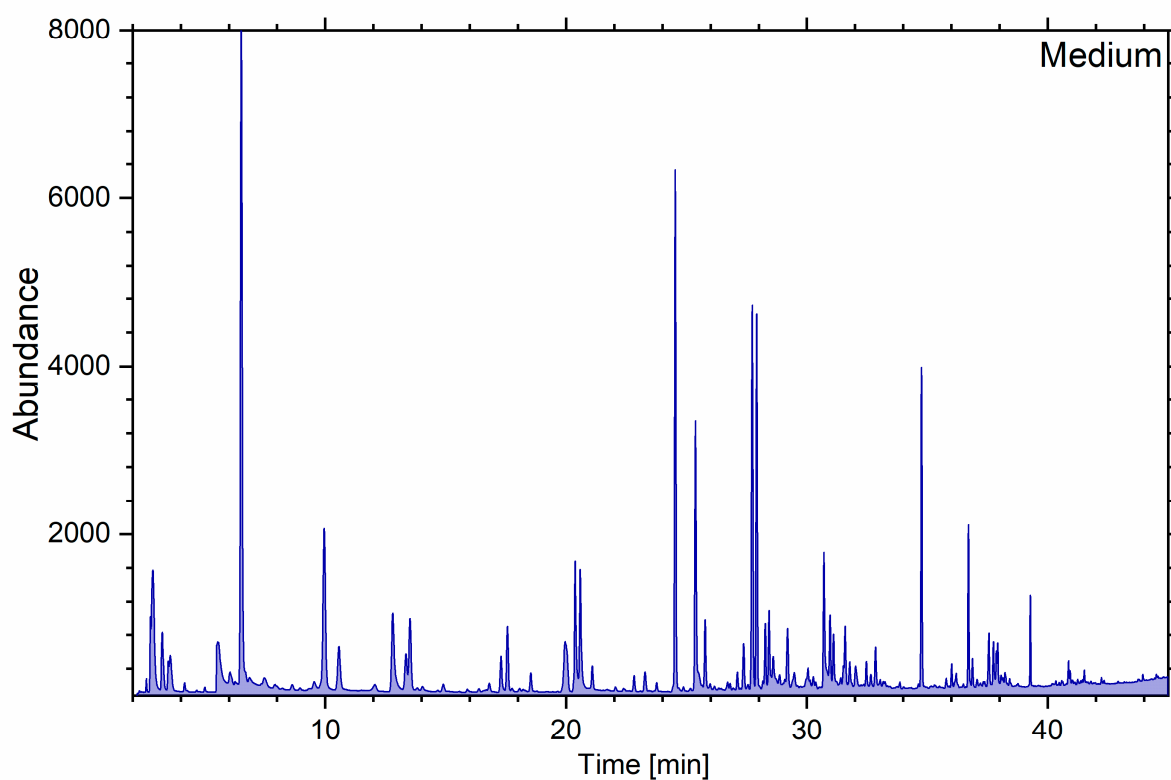


Figure S12 Exemplary chromatogram from HS-NTE-GCMS analysis of a medium headspace.