Supplementary Materials

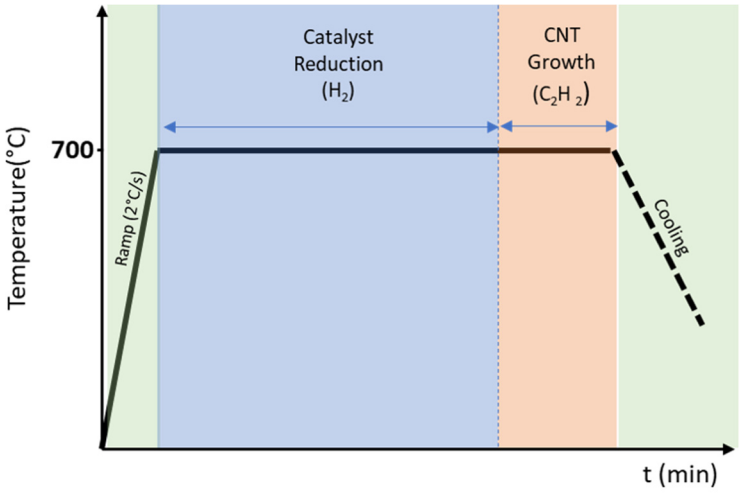


Figure S1. The thermal profile of CNT growth by CCVD

Table S1. List of desorbed species from TGA-MS

Mass Number	Purged Gas	Temperature (°C)	
		Fe/SiO₂	**Co/SiO₂**
18	Water	150 – 300	107 - 560
31	Ethanol	260 – 580	130
85	Acetylacetonate	260	195
43	Acetone	260 – 400	270 – 410
44	Co_2	250 – 400	390 – 750

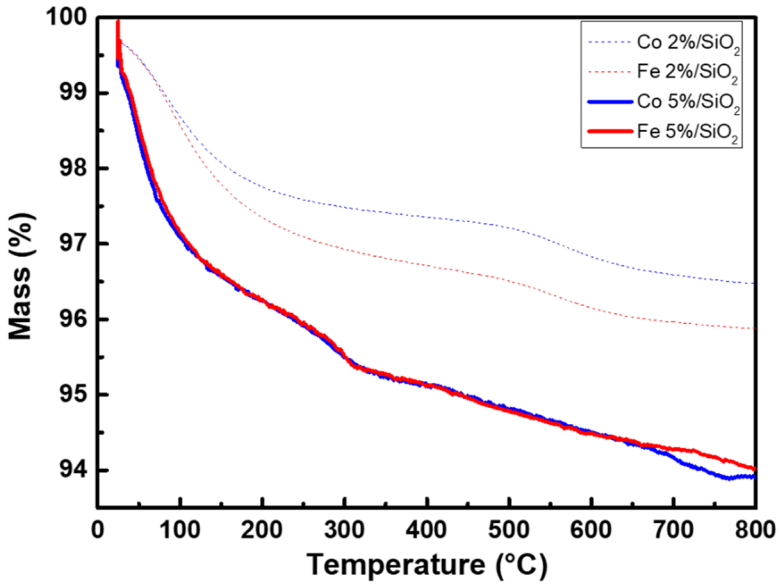


Figure S2. TGA under air flow of SiO2 covered by Co and Fe at 2 % and 5% molar concentration after calcination process