

Supplementary Table 1: Alkanes and their respective retention time and index.

Alkanes	Ret. Time	Index
Heptane (C7)	1.756	700
Dodecane (C12)	7.971	1200
Tetradecane (C14)	11.451	1400
Octadecane(C18)	16.456	1800
Nonadecane (C19)	18.521	1900