

Table 3 Average of odd and even *n*-alkanes, CPI, UCM, pristane and phytane, and pristane/phytane ratio values of the soil of Basrah city during the study period

<i>n</i> -alkane indices	Garmat Ali	Saffwan	Al-Qurna	Ras-Al Bisha	Al-Seeba	Al-Tanoma	Abu Al-Khasib	Al-Daer	Al-Zubair
Total odd	3.421	3.791	4.528	3.542	4.574	4.060	3.320	2.845	3.840
Total even	0.965	0.966	0.939	0.640	0.847	0.882	0.596	0.730	0.754
CPI	3.545	3.928	4.822	5.534	4.793	4.603	5.570	3.897	5.092
UCM ($\mu\text{g g}^{-1}$)	6.800	6.500	7.400	5.200	7.700	7.900	5.900	5.300	7.100
Pristane ($\mu\text{g g}^{-1}$)	0.524	0.439	0.555	0.387	0.439	0.479	0.293	0.398	0.484
Phytane ($\mu\text{g g}^{-1}$)	0.561	0.431	0.582	0.400	0.437	0.448	0.311	0.359	0.532
Pristane/Phytane	0.934	1.018	0.953	0.967	1.004	1.069	0.942	1.100	0.909