

Table 6 Total of *n*-alkanes concentrations ($\mu\text{g g}^{-1}$) of the soil of Basrah city during different season and % TOC values

Stations	Summer	Spring	Autumn	Winter	% TOC
Garmat Ali	3.535	3.689	4.175	6.145	0.85
Saffwan	2.051	3.536	5.363	8.078	0.46
Al-Qurna	2.719	2.959	3.888	6.098	0.81
Ras-Al-Bisha	1.997	2.575	4.208	5.52	0.75
Al-Seeba	2.612	3.182	5.174	5.76	0.70
Al-Tanoma	3.326	5.131	5.796	7.431	0.82
Abu Al-Khasib	2.519	3.594	4.481	7.782	0.84
Al-Daer	2.927	3.949	5.946	6.946	0.76
Al-Zubair	3.885	3.467	5.983	8.533	0.61
Al-Shiabah	16.439	14.547	21.458	24.424	0.53
Al-Fao	8.331	10.308	13.236	18.157	0.73
Kor-Al-Zubair	10.23	11.324	13.31	17.44	0.63
Center of Basrah	7.509	9.806	13.705	16.204	0.64
Al-burjsia	12.481	13.45	18.451	21.418	0.64
Al-Rumella	17.244	18.286	23.189	26.345	0.66
Um Qasir	7.03	8.86	12.51	15.12	0.67
Total	104.835	118.663	160.873	201.401	
Average	6.552	7.416	10.054	12.587	