

TABLE 6-1

## ALKANE AND ALKENE COMPONENT ANALYSIS FROM PYROLYSIS-GC

Well name: YOLLA 1

Date: 1986

Sample: 1785m SMC

Carbon No.	---Alkane + Alkene---			-----Alkane-----			-----Alkene-----			Alkane/Alkene
	A	B	C	A	B	C	A	B	C	
1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
5	2.006	0.1320	0.0254	0.640	0.0421	0.0081	1.366	0.0899	0.0173	0.47
6	2.029	0.1335	0.0257	0.551	0.0363	0.0070	1.478	0.0973	0.0187	0.37
7	1.394	0.0917	0.0176	0.528	0.0347	0.0067	0.866	0.0570	0.0110	0.61
8	1.054	0.0694	0.0133	0.460	0.0303	0.0058	0.594	0.0391	0.0075	0.77
9	0.887	0.0584	0.0112	0.344	0.0226	0.0044	0.543	0.0357	0.0069	0.63
10	0.950	0.0625	0.0120	0.315	0.0207	0.0040	0.635	0.0418	0.0080	0.50
11	0.801	0.0527	0.0101	0.337	0.0222	0.0043	0.464	0.0305	0.0059	0.73
12	0.894	0.0588	0.0113	0.427	0.0281	0.0054	0.467	0.0307	0.0059	0.91
13	0.967	0.0636	0.0122	0.473	0.0311	0.0060	0.494	0.0325	0.0063	0.96
14	1.238	0.0815	0.0157	0.744	0.0490	0.0094	0.494	0.0325	0.0063	1.51
15	0.976	0.0642	0.0124	0.425	0.0280	0.0054	0.551	0.0363	0.0070	0.77
16	0.916	0.0603	0.0116	0.417	0.0274	0.0053	0.499	0.0328	0.0063	0.84
17	0.568	0.0374	0.0072	0.275	0.0181	0.0035	0.293	0.0193	0.0037	0.94
18	0.561	0.0369	0.0071	0.262	0.0172	0.0033	0.299	0.0197	0.0038	0.88
19	0.501	0.0330	0.0063	0.206	0.0136	0.0026	0.295	0.0194	0.0037	0.70
20	0.391	0.0257	0.0049	0.196	0.0129	0.0025	0.195	0.0128	0.0025	1.01
21	0.387	0.0255	0.0049	0.208	0.0137	0.0026	0.179	0.0118	0.0023	1.16
22	0.428	0.0282	0.0054	0.226	0.0149	0.0029	0.202	0.0133	0.0026	1.12
23	0.337	0.0222	0.0043	0.202	0.0133	0.0026	0.135	0.0089	0.0017	1.50
24	0.316	0.0208	0.0040	0.184	0.0121	0.0023	0.132	0.0087	0.0017	1.39
25	0.299	0.0197	0.0038	0.182	0.0120	0.0023	0.117	0.0077	0.0015	1.56
26	0.270	0.0178	0.0034	0.158	0.0104	0.0020	0.112	0.0074	0.0014	1.41
27	0.232	0.0153	0.0029	0.143	0.0094	0.0018	0.089	0.0059	0.0011	1.61
28	0.180	0.0118	0.0023	0.116	0.0076	0.0015	0.064	0.0042	0.0008	1.81
29	0.193	0.0127	0.0024	0.145	0.0095	0.0018	0.048	0.0032	0.0006	3.02
30	0.188	0.0124	0.0024	0.135	0.0089	0.0017	0.053	0.0035	0.0007	2.55
31	0.093	0.0061	0.0012	0.071	0.0047	0.0009	0.022	0.0014	0.0003	3.23

nd = no data  
A =  $\Sigma$  of S2  
B = mg/g Rock  
C = (mg/g Rock)/TOC