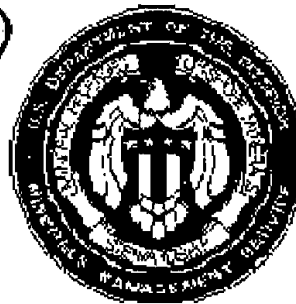
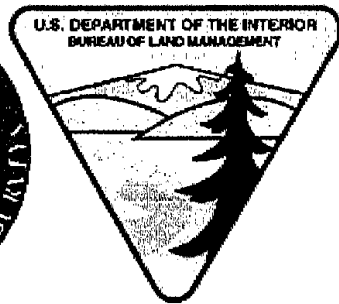


Gas chromatography of the following well materials:

Gulf Oil Corporation Beaufort Sea BLK 54 No. 1 (Cross Island No. 1) cuttings (9,560' – 13,980'), and

Amoco Production Co. No Name Island No. 1 cuttings (10,890' – 12,900'), and core (12,936' – 13,869').



Received 23 March 1999.

Total of 21 pages in report.

Alaska Geologic Materials Center Data Report No. 288



TECHNOLOGY CENTER INTERNATIONAL

**No Name Island
and
Cross Island Extracts**

Beaufort Sea BIK 54-1 *Top*

WESTPORT TECHNOLOGY CENTER INTERNATIONAL

No Name Island & Cross Island Fractional Isotopes

Client ID	Sample Type	Depth (ft)	Lab ID (WFXMLXX)	$\delta^{13}C_{\text{‰}}$ Saturate	$\delta^{13}C_{\text{‰}}$ Aromatic
No Name Island #1	Cuttings	10890-10950	9194	-29.18	-27.21
No Name Island #1	Cuttings	12830-12900	9195	-30.56	-28.42
No Name Island #1	Core Chip	12936	9196	-30.53	-28.52
No Name Island #1	Core Chip	13668-13672	9197	-32.11	-30.5
No Name Island #1	Core Chip	13869	9198	-31.83	-30.25
Cross Island #1	Cuttings	9560-9650	9199	-29.82	-27.2
Cross Island #1	Cuttings	9660-9750	9200	-28.13	-27.51
Cross Island #1	Cuttings	13240-13280	9201	-29.58	-26.82
Cross Island #1	Cuttings	13930-13980	9202	-30.44	-28.41

No Name Island and Cross Island TSE Data

Client ID	Depth (ft)	Lab Id (WFXXXX)	Sample Wt. (gms)	Vial Wt.	Vial + TSE	TSE Wt. (mgs)	%TSE	KG/Ton TSE
No Name Island #1	10890-950	9194	3.8074	0.7611	0.7642	0.0031	0.08	0.81
No Name Island #1	12830-900	9195	13.4139	0.8006	0.8265	0.0259	0.19	1.93
No Name Island #1	12936	9196	39.4794	0.7786	0.9416	0.1630	0.41	4.13
No Name Island #1	13668-672	9197	35.7578	0.7947	0.9933	0.1986	0.56	5.55
No Name Island #1	13869	9198	40.4321	0.7666	0.9176	0.1510	0.37	3.73
Cross Island #1	9560-650	9199	21.5119	0.7868	0.7975	0.0107	0.05	0.50
Cross Island #1	9660-750	9200	18.3613	0.7769	0.7851	0.0082	0.04	0.45
Cross Island #1	13240-280	9201	6.8262	0.8001	0.8032	0.0031	0.05	0.45
Cross Island #1	13930-980	9202	6.7334	0.7681	0.7723	0.0042	0.06	0.62

No Name Island and Cross Island SARA Data

Client ID	Sample Type	Depth (ft)	Lab ID (WFXXXX)	Saturate %	Aromatic %	Polar %	Asphaltene %
No Name Island #1	Cuttings	10890-10950	9194	48.9	24.0	18.4	8.7
No Name Island #1	Cuttings	12830-12900	9195	65.7	15.4	17.5	1.4
No Name Island #1	Core Chip	12936	9196	73.6	12.6	12.5	1.3
No Name Island #1	Core Chip	13668-13672	9197	59.2	24.4	14.7	1.7
No Name Island #1	Core Chip	13869	9198	49.8	29.2	15.4	5.6
Cross Island #1	Cuttings	9560-9650	9199	47.4	20.4	30.9	1.3
Cross Island #1	Cuttings	9660-9750	9200	50.4	21.8	24.8	3.0
Cross Island #1	Cuttings	13240-13280	9201	38.0	31.7	19.2	11.1
Cross Island #1	Cuttings	13930-13980	9202	47.8	22.6	21.3	8.3

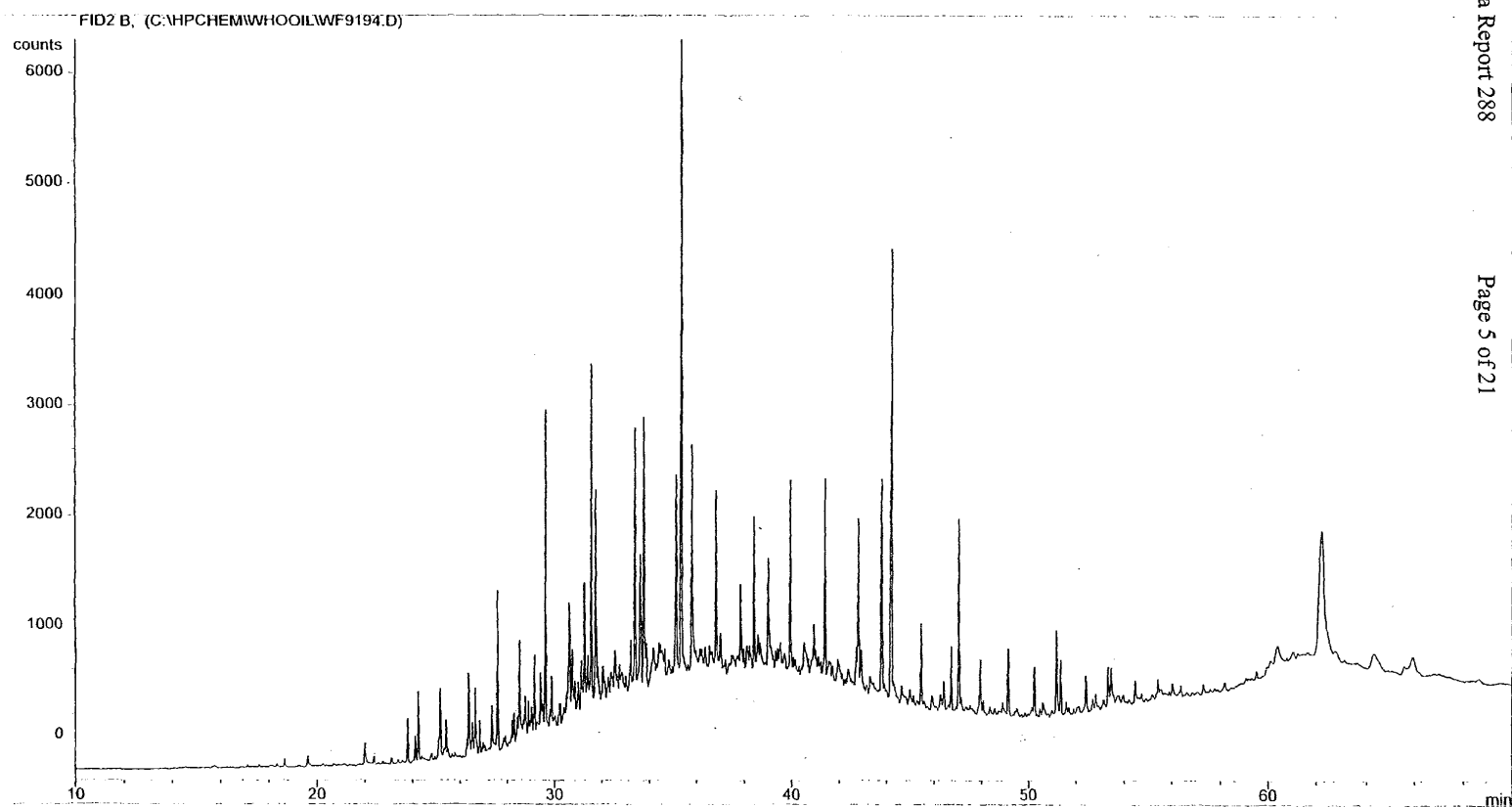
WHOLE OIL GAS CHROMATOGRAPHY - N-ALKANES AND ISOPRENOIDS

SAMPLE : No Name Island #1 DATA FILE WF9194.D
 10890-12900 10' cuttings

CPI VALUE	1.59	PRISTANE/PHYTANE	1.30
N-C9/N-C19	0.00	PRISTANE/N-C17	0.71
N-C15/N-C25	0.27	PHYTANE/N-C18	0.67

COMPOUND	RETENTION TIME	PEAK AREA	AREA N-C15=1	PEAK HEIGHT	HEIGHT N-C15=1
N-C4	0.00	0	0.000	0	0.000
N-C5	1.04	0	0.000	0	0.000
N-C6	0.00	0	0.000	0	0.000
N-C7	0.00	0	0.000	0	0.000
N-C8	0.00	0	0.000	0	0.000
N-C9	0.00	0	0.000	0	0.000
N-C10	0.00	0	0.000	0	0.000
N-C11	0.00	0	0.000	0	0.000
N-C12	0.00	0	0.000	0	0.000
N-C13	0.00	0	0.000	0	0.000
N-C14	25.41	714	0.085	294	0.098
N-C15	27.56	3920	0.467	1415	0.474
N-C16	29.60	7478	0.891	2850	0.955
N-C17	31.54	8392	1.000	2985	1.000
N-C18	33.38	6805	0.811	2312	0.775
N-C19	35.13	4361	0.520	1580	0.529
N-C20	36.80	4008	0.478	1522	0.510
N-C21	38.40	3962	0.472	1360	0.456
N-C22	39.93	4356	0.519	1649	0.552
N-C23	41.40	4763	0.568	1725	0.578
N-C24	42.81	3852	0.459	1390	0.466
N-C25	44.20	14732	1.755	4017	1.346
N-C26	45.47	2127	0.253	744	0.249
N-C27	46.73	1700	0.203	577	0.193
N-C28	47.94	1377	0.164	440	0.147
N-C29	49.12	2089	0.249	602	0.202
N-C30	50.25	1329	0.158	424	0.142
N-C31	51.35	1502	0.179	480	0.161
N-C32	52.42	1456	0.173	333	0.112
N-C33	53.46	836	0.100	263	0.088
N-C34	54.46	533	0.064	173	0.058
N-C35	55.43	363	0.043	129	0.043
N-C36	56.38	305	0.036	86	0.029
N-C37	57.31	392	0.047	94	0.031
N-C38	58.20	202	0.024	63	0.021
N-C39	59.07	128	0.015	42	0.014
N-C40	59.94	80	0.010	24	0.008
N-C41	0.00	0	0.000	0	0.000
N-C42	0.00	0	0.000	0	0.000
N-C43	0.00	0	0.000	0	0.000
N-C44	0.00	0	0.000	0	0.000
Pristane	31.73	5980		1808	
Phytane	33.61	4587		1126	

No Name Island #1 10890-10950



WESTPORT TECHNOLOGY CENTER INTERNATIONAL

WHOLE OIL GAS CHROMATOGRAPHY - N-ALKANES AND ISOPRENOIDS

SAMPLE : No Name Island #1

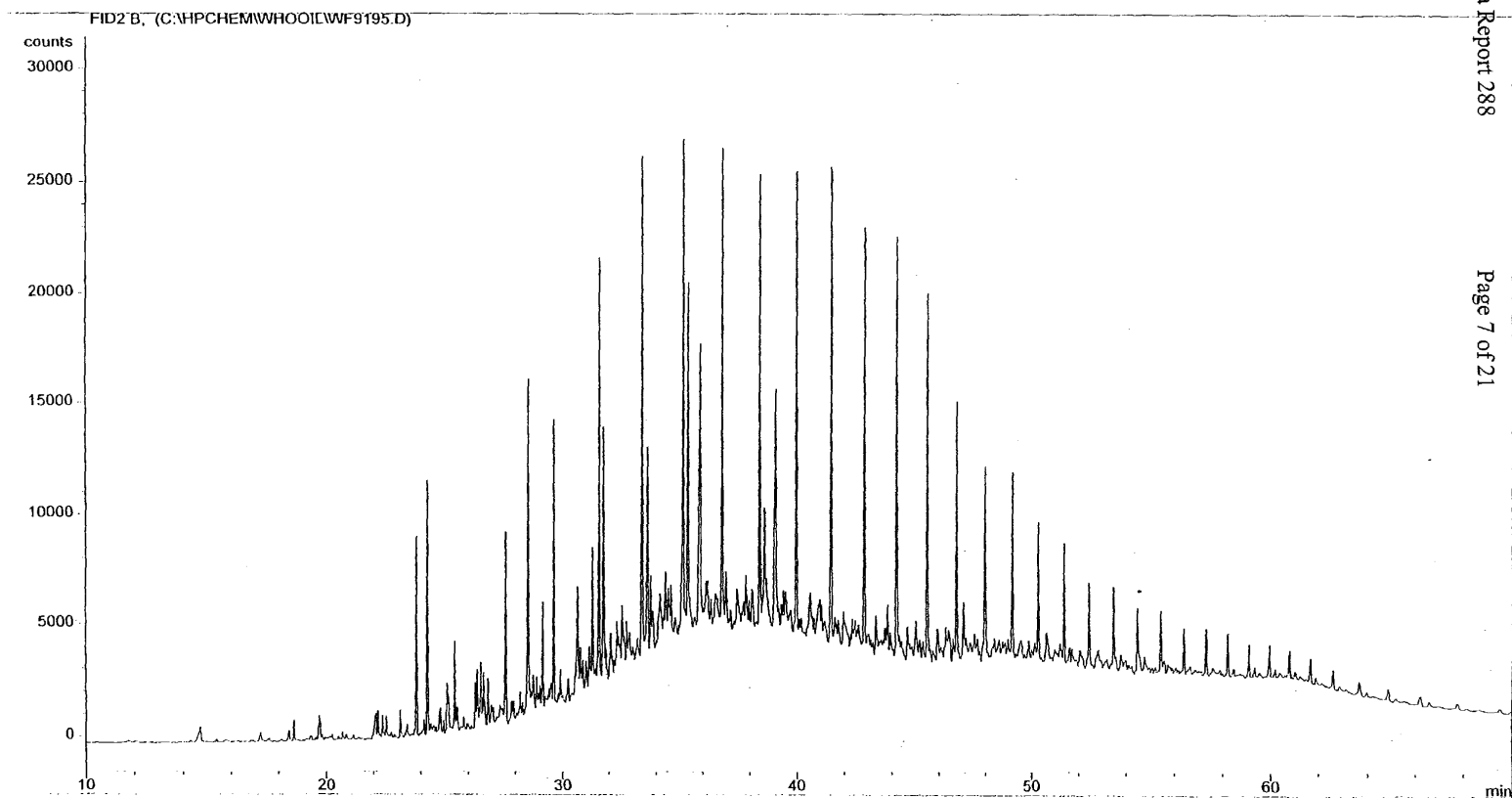
DATA FILE WF9195.D

12830-12900 10' cuttings

CPI VALUE	1.02	PRISTANE/PHYTANE	0.97
N-C9/N-C19	0.00	PRISTANE/N-C17	0.66
N-C15/N-C25	0.43	PHYTANE/N-C18	0.53

COMPOUND	RETENTION TIME	PEAK AREA	AREA N-C15=1	PEAK HEIGHT	HEIGHT N-C15=1
N-C4	0.00	0	0.000	0	0.000
N-C5	1.06	37	0.001	47	0.003
N-C6	0.00	0	0.000	0	0.000
N-C7	0.00	0	0.000	0	0.000
N-C8	0.00	0	0.000	0	0.000
N-C9	0.00	0	0.000	0	0.000
N-C10	15.38	404	0.008	145	0.008
N-C11	18.11	462	0.009	114	0.006
N-C12	20.69	474	0.009	244	0.013
N-C13	23.12	2883	0.055	1153	0.062
N-C14	25.40	9143	0.173	3693	0.197
N-C15	27.56	25186	0.477	8513	0.455
N-C16	29.61	34200	0.648	12715	0.680
N-C17	31.55	52816	1.000	18704	1.000
N-C18	33.40	67629	1.280	22245	1.189
N-C19	35.16	57772	1.094	20477	1.095
N-C20	36.83	59711	1.131	20554	1.099
N-C21	38.43	59304	1.123	20019	1.070
N-C22	39.96	61611	1.167	20575	1.100
N-C23	41.43	63905	1.210	21322	1.140
N-C24	42.84	59186	1.121	18914	1.011
N-C25	44.19	58769	1.113	18699	1.000
N-C26	45.50	47048	0.891	16361	0.875
N-C27	46.75	33614	0.636	11320	0.605
N-C28	47.96	26313	0.498	8250	0.441
N-C29	49.14	26359	0.499	8323	0.445
N-C30	50.27	18675	0.354	6106	0.326
N-C31	51.37	15862	0.300	5303	0.284
N-C32	52.43	10765	0.204	3590	0.192
N-C33	53.47	10513	0.199	3444	0.184
N-C34	54.47	8239	0.156	2571	0.137
N-C35	55.44	7801	0.148	2596	0.139
N-C36	56.39	6270	0.119	2002	0.107
N-C37	57.31	7082	0.134	2070	0.111
N-C38	58.21	5693	0.108	1871	0.100
N-C39	59.08	4733	0.090	1491	0.080
N-C40	59.94	4401	0.083	1396	0.075
N-C41	60.77	3011	0.057	1076	0.058
N-C42	61.63	3555	0.067	1035	0.055
N-C43	62.59	3345	0.063	839	0.045
N-C44	63.65	2940	0.056	611	0.033
Pristane	31.74	34875		10779	
Phytane	33.63	35938		9090	

No Name Island #1 12830-12900



WISCONSIN TECHNOLOGY CENTER INTERNATIONAL

WHOLE OIL GAS CHROMATOGRAPHY - N-ALKANES AND ISOPRENOIDS

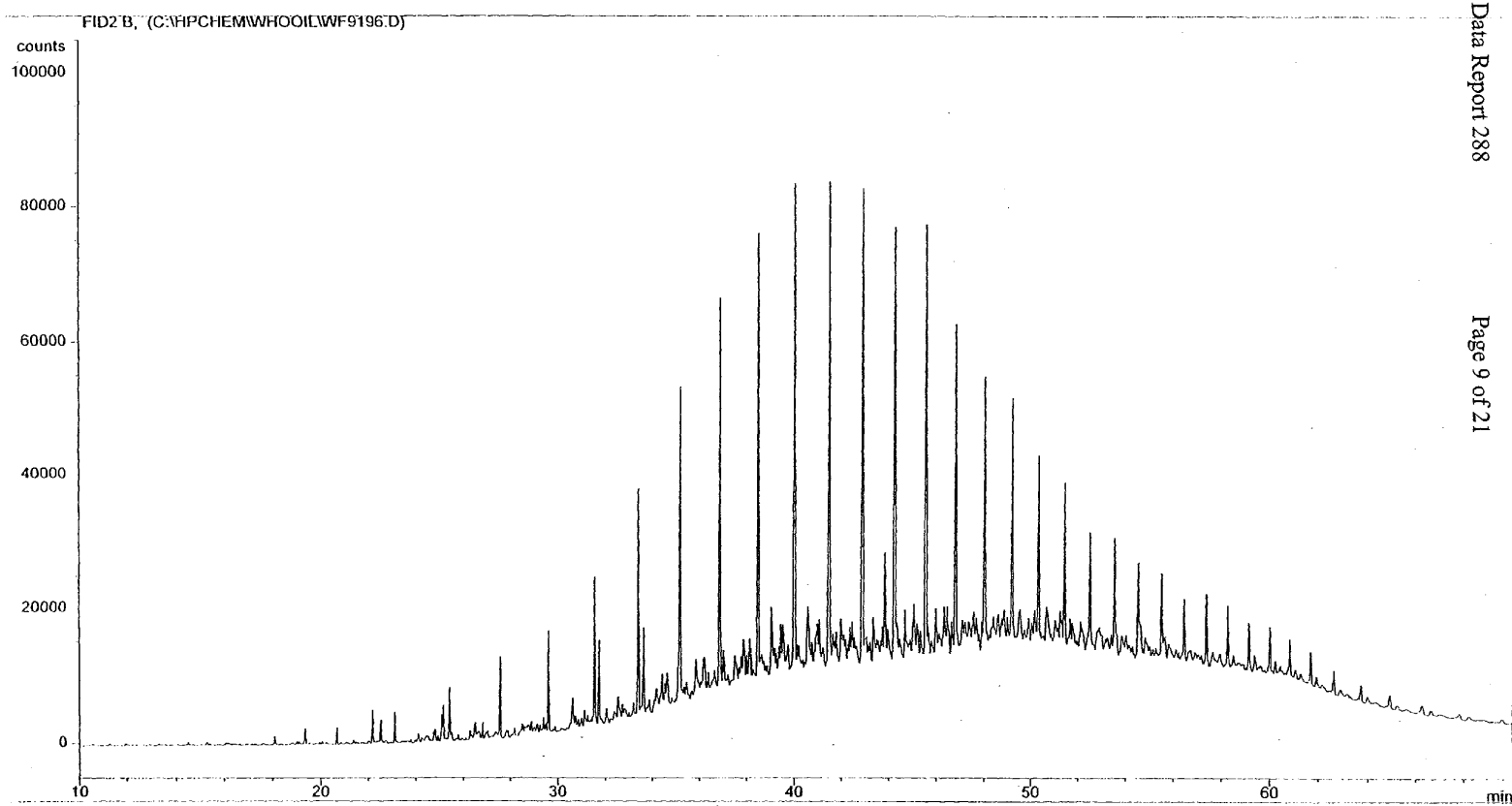
SAMPLE : No Name Island #1
12936 Core Chip

DATA FILE WF9196.D

CPI VALUE	0.97	PRISTANE/PHYTANE	0.94
N-C9/N-C19	0.00	PRISTANE/N-C17	0.64
N-C15/N-C25	0.14	PHYTANE/N-C18	0.43

COMPOUND	RETENTION TIME	PEAK AREA	AREA N-C15=1	PEAK HEIGHT	HEIGHT N-C15=1
N-C4	0.00	0	0.000	0	0.000
N-C5	1.06	0	0.000	0	0.000
N-C6	0.00	0	0.000	0	0.000
N-C7	0.00	0	0.000	0	0.000
N-C8	0.00	0	0.000	0	0.000
N-C9	12.22	200	0.003	81	0.004
N-C10	15.27	1635	0.026	433	0.020
N-C11	18.08	3734	0.060	1269	0.059
N-C12	20.68	6638	0.107	2587	0.121
N-C13	23.12	11536	0.186	4590	0.214
N-C14	25.50	3529	0.057	952	0.044
N-C15	27.56	34998	0.565	11929	0.556
N-C16	29.61	40189	0.649	14901	0.694
N-C17	31.55	61958	1.000	21467	1.000
N-C18	33.40	98145	1.584	33200	1.547
N-C19	35.18	129572	2.091	44107	2.055
N-C20	36.87	196204	3.167	56914	2.651
N-C21	38.48	232505	3.753	64622	3.010
N-C22	40.03	268490	4.333	71382	3.325
N-C23	41.50	276668	4.465	70400	3.279
N-C24	42.91	276540	4.463	69089	3.218
N-C25	44.27	243783	3.935	61202	2.851
N-C26	45.58	240345	3.879	62371	2.905
N-C27	46.83	163697	2.642	47029	2.191
N-C28	48.04	138227	2.231	38937	1.814
N-C29	49.21	118557	1.914	34846	1.623
N-C30	50.34	93811	1.514	27056	1.260
N-C31	51.43	81356	1.313	23934	1.115
N-C32	52.49	53284	0.860	16274	0.758
N-C33	53.53	51288	0.828	15337	0.714
N-C34	54.53	35359	0.571	11083	0.516
N-C35	55.49	36346	0.587	11461	0.534
N-C36	56.44	29083	0.469	8769	0.408
N-C37	57.36	34430	0.556	10271	0.478
N-C38	58.25	26273	0.424	8792	0.410
N-C39	59.12	21418	0.346	6862	0.320
N-C40	59.98	19284	0.311	6163	0.287
N-C41	60.80	13486	0.218	4721	0.220
N-C42	61.67	15809	0.255	4544	0.212
N-C43	62.62	13981	0.226	3337	0.155
N-C44	63.70	11139	0.180	2446	0.114
Pristane	31.73	39413		12055	
Phytane	33.63	42017		12167	

No Name Island #1 12936



WESTPORT TECHNOLOGY CENTER INTERNATIONAL

WHOLE OIL GAS CHROMATOGRAPHY - N-ALKANES AND ISOPRENOIDS

SAMPLE : No Name Island #1

DATA FILE WF9197.D

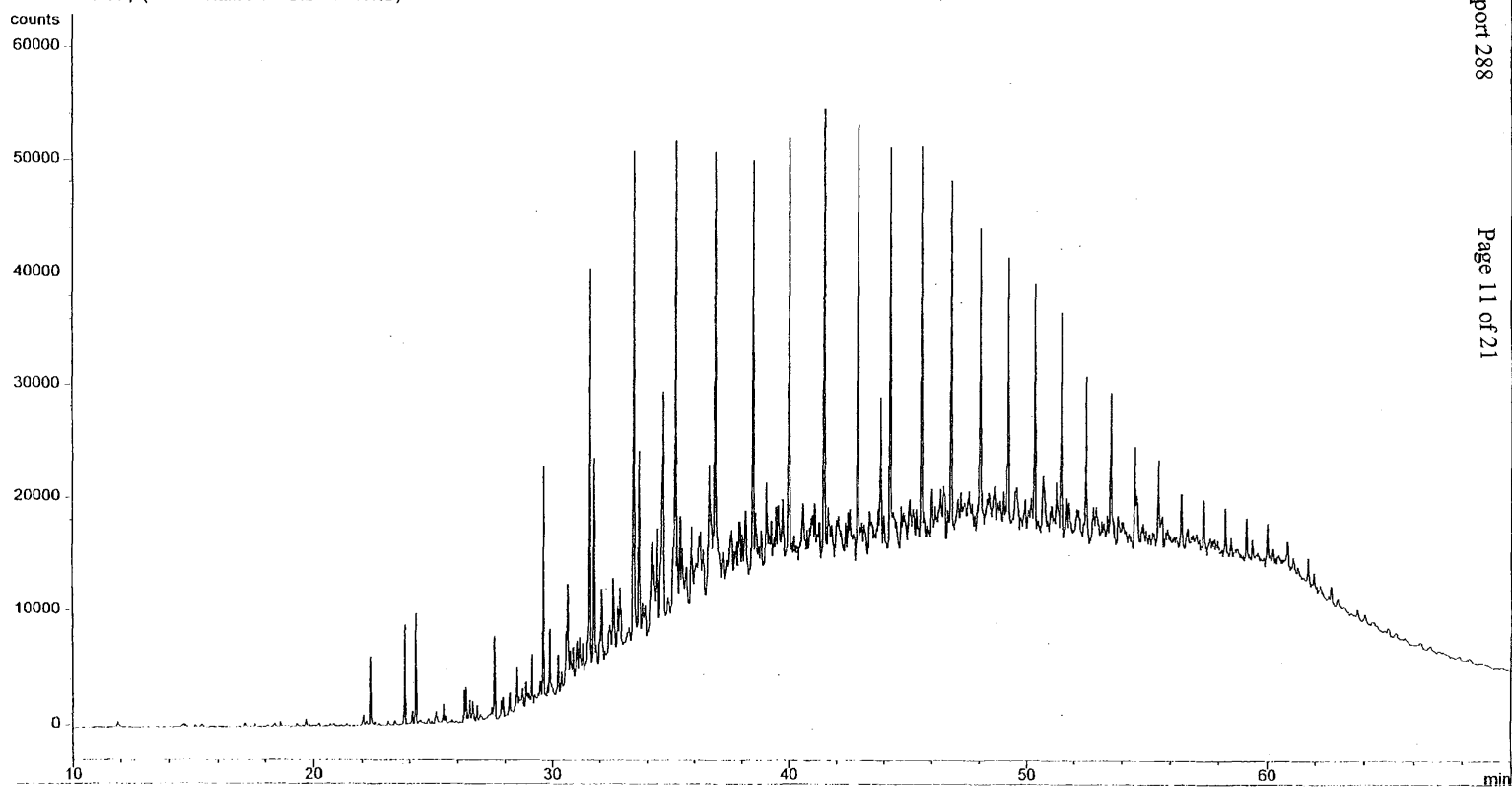
13668-13672 Core Chip

CPI VALUE	1.02	PRISTANE/PHYTANE	0.95
N-C9/N-C19	0.00	PRISTANE/N-C17	0.58
N-C15/N-C25	0.21	PHYTANE/N-C18	0.45

COMPOUND	RETENTION TIME	PEAK AREA	AREA N-C15=1	PEAK HEIGHT	HEIGHT N-C15=1
N-C4	0.00	0	0.000	0	0.000
N-C5	1.05	0	0.000	0	0.000
N-C6	0.00	0	0.000	0	0.000
N-C7	0.00	0	0.000	0	0.000
N-C8	0.00	0	0.000	0	0.000
N-C9	0.00	0	0.000	0	0.000
N-C10	0.00	0	0.000	0	0.000
N-C11	18.10	670	0.007	174	0.005
N-C12	20.69	624	0.006	227	0.007
N-C13	23.11	905	0.009	377	0.011
N-C14	25.40	3724	0.037	1530	0.045
N-C15	27.56	22784	0.229	7145	0.209
N-C16	29.62	57223	0.574	20349	0.596
N-C17	31.57	99698	1.000	34141	1.000
N-C18	33.43	136341	1.368	42388	1.242
N-C19	35.19	108650	1.090	36971	1.083
N-C20	36.87	97585	0.979	34223	1.002
N-C21	38.47	114294	1.146	34945	1.024
N-C22	40.01	109965	1.103	35796	1.048
N-C23	41.48	127595	1.280	38657	1.132
N-C24	42.90	123893	1.243	37249	1.091
N-C25	44.26	111130	1.115	33578	0.984
N-C26	45.56	106389	1.067	34045	0.997
N-C27	46.82	99705	1.000	30669	0.898
N-C28	48.04	85890	0.862	25374	0.743
N-C29	49.22	70583	0.708	22527	0.660
N-C30	50.34	72383	0.726	21663	0.635
N-C31	51.45	59767	0.599	19276	0.565
N-C32	52.50	39152	0.393	13250	0.388
N-C33	53.54	36441	0.366	11666	0.342
N-C34	54.54	19241	0.193	6566	0.192
N-C35	55.51	18127	0.182	6321	0.185
N-C36	56.45	11857	0.119	3849	0.113
N-C37	57.36	11946	0.120	3814	0.112
N-C38	58.27	12549	0.126	4040	0.118
N-C39	59.15	10892	0.109	3517	0.103
N-C40	59.99	8281	0.083	3002	0.088
N-C41	60.82	5498	0.055	1732	0.051
N-C42	61.69	8101	0.081	2155	0.063
N-C43	62.66	5286	0.053	1310	0.038
N-C44	63.73	3209	0.032	762	0.022
Pristane	31.75	58024		17642	
Phytane	33.65	61103		15846	

No Name Island #1 13668-13672

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REPRODUCIBLE TECHNOLOGY GROUP, UNIVERSITY OF ALABAMA

WHOLE OIL GAS CHROMATOGRAPHY - N-ALKANES AND ISOPRENOIDS

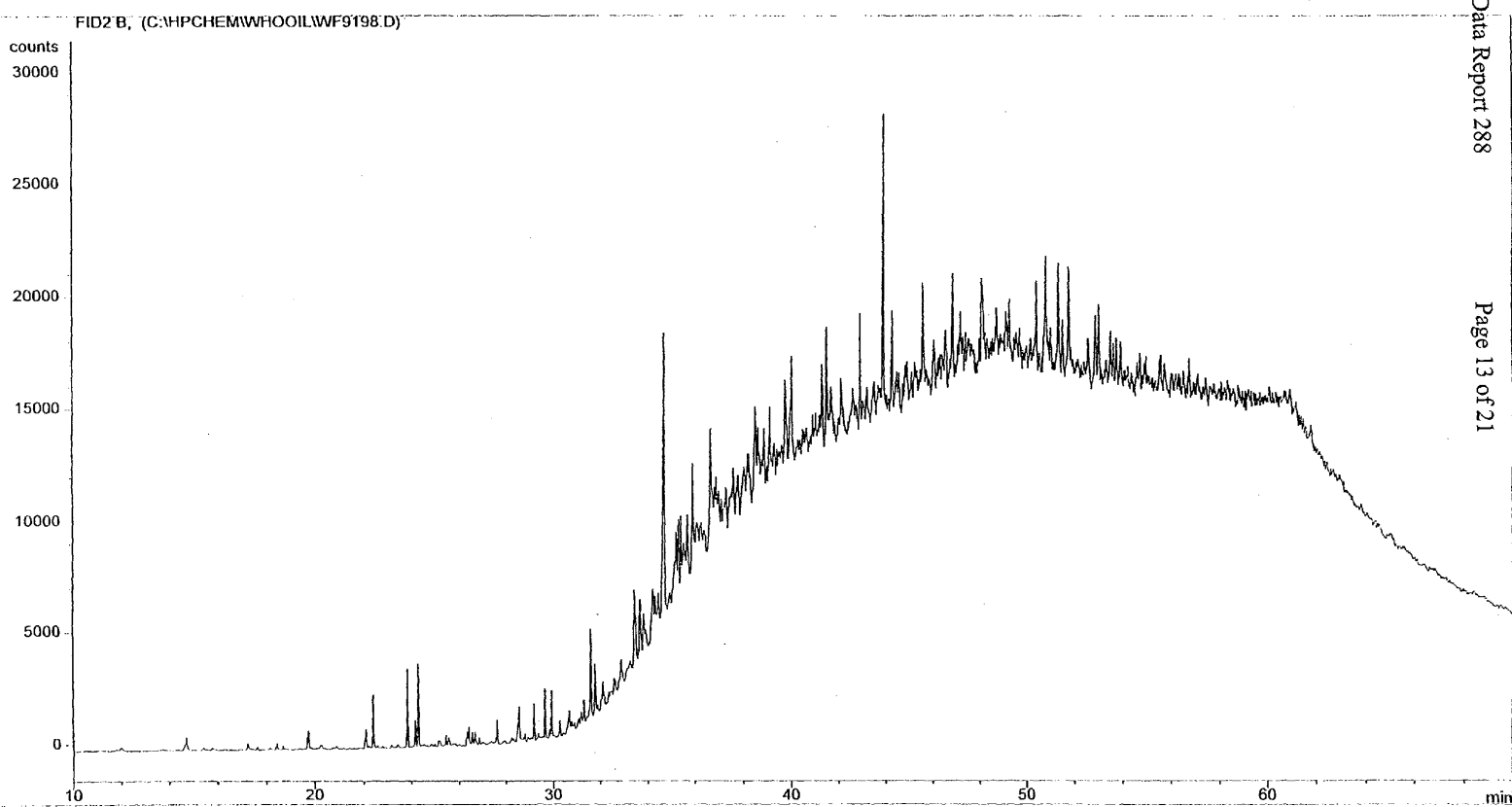
SAMPLE : No Name Island #1
13869 Core Chip

DATA FILE WF9198.D

CPI VALUE	1.36	PRISTANE/PHYTANE	1.36
N-C9/N-C19	0.00	PRISTANE/N-C17	0.70
N-C15/N-C25	0.22	PHYTANE/N-C18	0.76

COMPOUND	RETENTION TIME	PEAK AREA	AREA N-C15=1	PEAK HEIGHT	HEIGHT N-C15=1
N-C4	0.72	0	0.000	0	0.000
N-C5	1.05	0	0.000	0	0.000
N-C6	0.00	0	0.000	0	0.000
N-C7	0.00	0	0.000	0	0.000
N-C8	0.00	0	0.000	0	0.000
N-C9	0.00	0	0.000	0	0.000
N-C10	15.40	407	0.041	112	0.031
N-C11	18.13	183	0.019	61	0.017
N-C12	20.73	298	0.030	104	0.029
N-C13	23.15	369	0.038	158	0.044
N-C14	25.44	1187	0.121	484	0.134
N-C15	27.60	3257	0.332	1093	0.302
N-C16	29.64	5965	0.607	2202	0.609
N-C17	31.58	9822	1.000	3616	1.000
N-C18	33.43	6598	0.672	2285	0.632
N-C19	35.29	8403	0.856	2654	0.734
N-C20	36.96	3739	0.381	1016	0.281
N-C21	38.48	14915	1.519	3183	0.880
N-C22	40.01	7839	0.798	3070	0.849
N-C23	41.49	13047	1.328	4505	1.246
N-C24	42.90	12933	1.317	4686	1.290
N-C25	44.26	14581	1.485	4264	1.179
N-C26	45.57	15012	1.528	4313	1.193
N-C27	46.84	15005	1.528	4487	1.241
N-C28	48.05	3705	0.377	1626	0.450
N-C29	49.23	4190	0.427	1943	0.537
N-C30	50.37	13928	1.418	3819	1.056
N-C31	51.29	12532	1.276	4115	1.138
N-C32	52.54	981	0.100	569	0.157
N-C33	53.44	4335	0.441	1652	0.457
N-C34	54.37	1385	0.141	640	0.177
N-C35	55.34	998	0.102	405	0.112
N-C36	56.49	1668	0.170	832	0.230
N-C37	57.42	1998	0.203	760	0.210
N-C38	58.31	1620	0.165	594	0.164
N-C39	59.04	1095	0.111	541	0.150
N-C40	60.05	1954	0.199	647	0.179
N-C41	60.72	544	0.055	404	0.112
N-C42	61.56	523	0.053	271	0.075
N-C43	62.71	536	0.055	264	0.073
N-C44	63.67	327	0.033	138	0.038
Pristane	31.77	6853		2175	
Phytane	33.82	5043		1354	

No Name Island #1 13869



WESTPORT TECHNOLOGY CENTER INTERNATIONAL

WHOLE OIL GAS CHROMATOGRAPHY - N-ALKANES AND ISOPRENOIDS

SAMPLE : Cross Island #1

DATA FILE WF9199.D

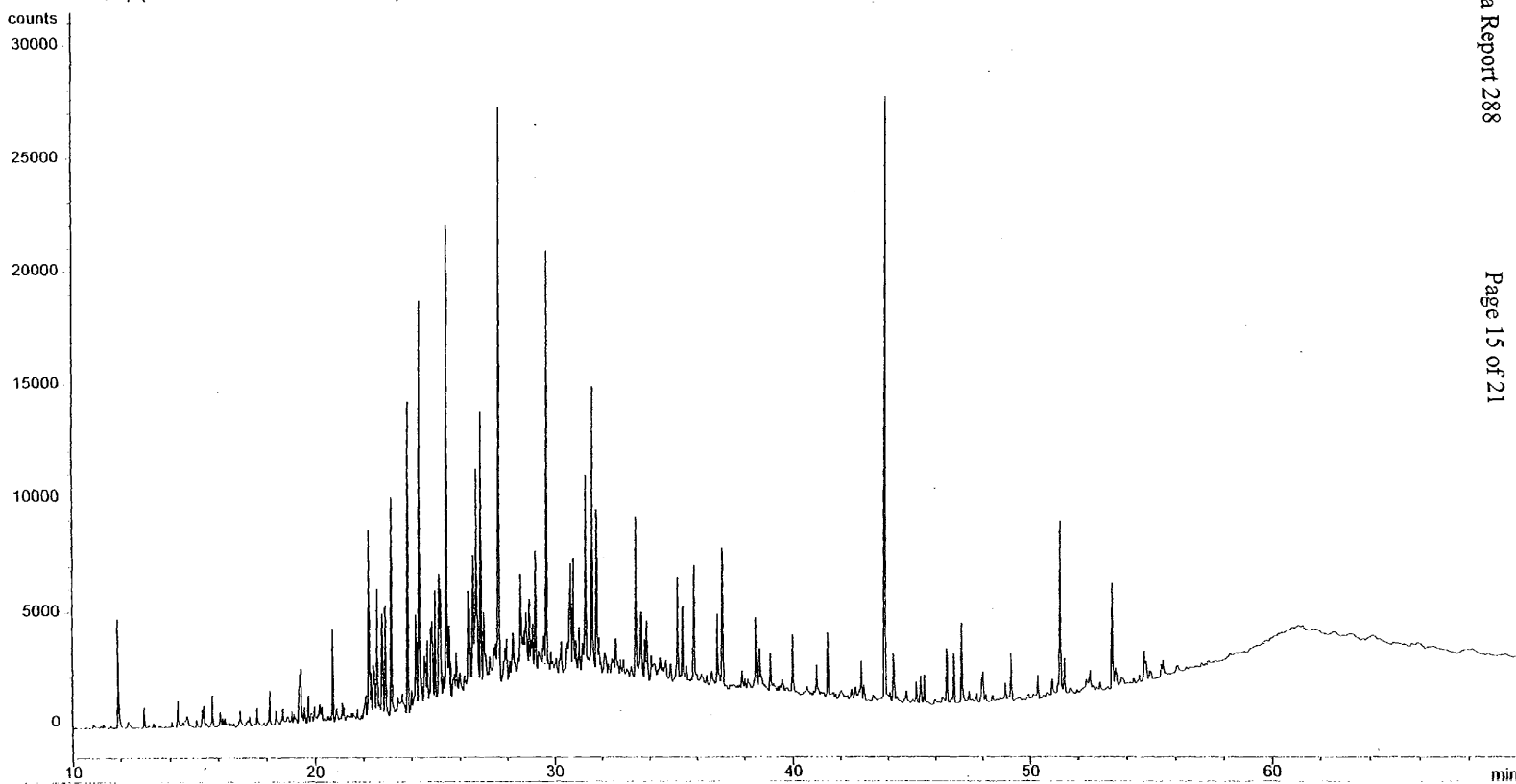
9560-9650 10' cuttings

CPI VALUE	1.25	PRISTANE/PHYTANE	2.17
N-C9/N-C19	0.00	PRISTANE/N-C17	0.66
N-C15/N-C25	8.65	PHYTANE/N-C18	0.47

COMPOUND	RETENTION TIME	PEAK AREA	AREA N-C15=1	PEAK HEIGHT	HEIGHT N-C15=1
N-C4	0.73	0	0.000	0	0.000
N-C5	0.00	0	0.000	0	0.000
N-C6	0.00	0	0.000	0	0.000
N-C7	0.00	0	0.000	0	0.000
N-C8	8.89	128	0.004	88	0.007
N-C9	0.00	0	0.000	0	0.000
N-C10	15.39	1657	0.050	711	0.060
N-C11	18.12	4100	0.125	1468	0.124
N-C12	20.72	10805	0.328	4220	0.356
N-C13	23.16	24417	0.742	9541	0.805
N-C14	25.45	52382	1.592	19955	1.684
N-C15	27.62	73742	2.241	24988	2.108
N-C16	29.65	48181	1.464	18082	1.526
N-C17	31.58	32906	1.000	11852	1.000
N-C18	33.42	21225	0.645	6962	0.587
N-C19	35.17	11473	0.349	4239	0.358
N-C20	36.84	8383	0.255	3026	0.255
N-C21	38.44	9890	0.301	3033	0.256
N-C22	39.97	6867	0.209	2492	0.210
N-C23	41.44	8280	0.252	2894	0.244
N-C24	42.85	4240	0.129	1575	0.133
N-C25	44.21	8528	0.259	2138	0.180
N-C26	45.36	4908	0.149	1235	0.104
N-C27	46.77	6296	0.191	2163	0.183
N-C28	47.98	7109	0.216	1325	0.112
N-C29	49.16	6654	0.202	2039	0.172
N-C30	50.30	2974	0.090	973	0.082
N-C31	51.41	4764	0.145	1538	0.130
N-C32	52.47	2766	0.084	743	0.063
N-C33	53.51	3617	0.110	720	0.061
N-C34	54.50	794	0.024	294	0.025
N-C35	55.48	1455	0.044	519	0.044
N-C36	56.43	408	0.012	158	0.013
N-C37	57.35	761	0.023	153	0.013
N-C38	58.26	439	0.013	137	0.012
N-C39	59.11	155	0.005	45	0.004
N-C40	59.93	151	0.005	67	0.006
N-C41	60.67	345	0.010	47	0.004
N-C42	61.67	317	0.010	85	0.007
N-C43	62.55	371	0.011	90	0.008
N-C44	63.76	314	0.010	74	0.006
Pristane	31.77	21702		6755	
Phytane	33.65	9998		2571	

Cross Island #1 9560-9650

FID2 B, (C:\HPCHEM\WHOIL\WF9199.D)



WESTPORT TECHNOLOGY CENTER INTERNATIONAL

WHOLE OIL GAS CHROMATOGRAPHY - N-ALKANES AND ISOPRENOIDS

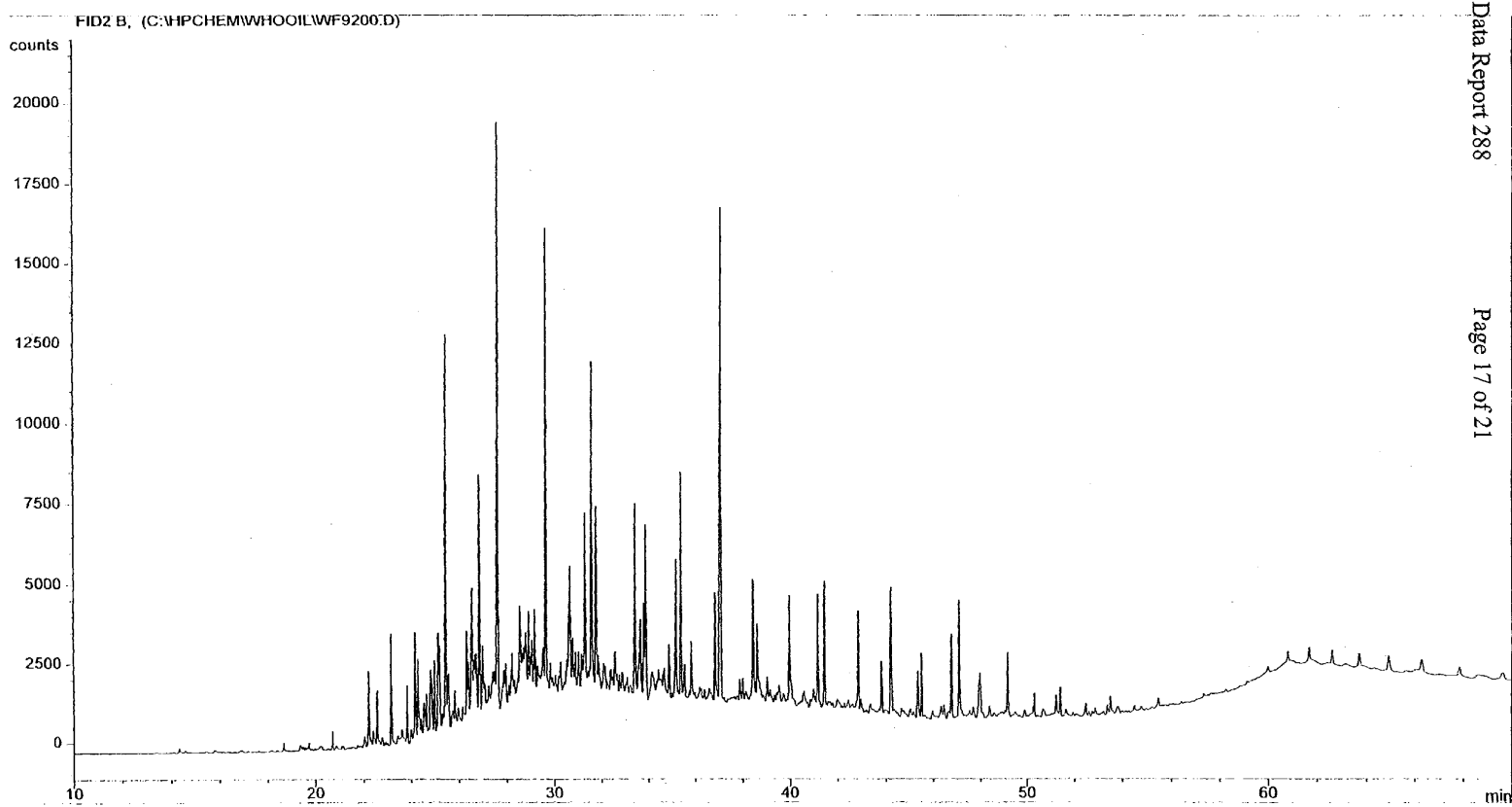
SAMPLE : Cross Island #1
9660-9710 10' cuttings

DATA FILE WF9200.D

CPI VALUE	1.29	PRISTANE/PHYTANE	2.54
N-C9/N-C19	0.00	PRISTANE/N-C17	0.71
N-C15/N-C25	3.48	PHYTANE/N-C18	0.38

COMPOUND	RETENTION TIME	PEAK AREA	AREA N-C15=1	PEAK HEIGHT	HEIGHT N-C15=1
N-C4	0.73	0	0.000	0	0.000
N-C5	0.00	0	0.000	0	0.000
N-C6	0.00	0	0.000	0	0.000
N-C7	0.00	0	0.000	0	0.000
N-C8	0.00	0	0.000	0	0.000
N-C9	0.00	0	0.000	0	0.000
N-C10	0.00	0	0.000	0	0.000
N-C11	0.00	0	0.000	0	0.000
N-C12	20.71	1527	0.062	611	0.065
N-C13	23.14	8802	0.358	3473	0.370
N-C14	25.44	29159	1.185	11744	1.250
N-C15	27.60	52762	2.144	17945	1.910
N-C16	29.64	38218	1.553	14114	1.502
N-C17	31.58	24606	1.000	9397	1.000
N-C18	33.41	18057	0.734	5910	0.629
N-C19	35.16	11205	0.455	4065	0.433
N-C20	36.84	9845	0.400	3331	0.354
N-C21	38.43	11580	0.471	3483	0.371
N-C22	39.97	8069	0.328	3015	0.321
N-C23	41.44	11042	0.449	3845	0.409
N-C24	42.84	8104	0.329	3026	0.322
N-C25	44.21	15148	0.616	3943	0.420
N-C26	45.35	5859	0.238	1491	0.159
N-C27	46.77	7939	0.323	2616	0.278
N-C28	47.98	7720	0.314	1351	0.144
N-C29	49.16	5894	0.240	1966	0.209
N-C30	50.29	2541	0.103	743	0.079
N-C31	51.39	2594	0.105	898	0.096
N-C32	52.46	1686	0.069	419	0.045
N-C33	53.50	1632	0.066	503	0.054
N-C34	54.50	476	0.019	175	0.019
N-C35	55.47	1043	0.042	281	0.030
N-C36	56.42	272	0.011	101	0.011
N-C37	57.35	289	0.012	103	0.011
N-C38	58.24	542	0.022	111	0.012
N-C39	59.12	220	0.009	89	0.009
N-C40	59.97	974	0.040	194	0.021
N-C41	60.80	1656	0.067	357	0.038
N-C42	61.68	1840	0.075	436	0.046
N-C43	62.63	1926	0.078	454	0.048
N-C44	63.71	1937	0.079	421	0.045
Pristane	31.76	17511		5402	
Phytane	33.64	6895		1907	

Cross Island #1 9660-9710



WESTPORT TECHNOLOGY CENTER INTERNATIONAL

WHOLE OIL GAS CHROMATOGRAPHY - N-ALKANES AND ISOPRENOIDS

SAMPLE : Cross Island #1

DATA FILE WF9201.D

13240-13280 10' cuttings

CPI VALUE 1.22

PRISTANE/PHYTANE 1.74

N-C9/N-C19 0.00

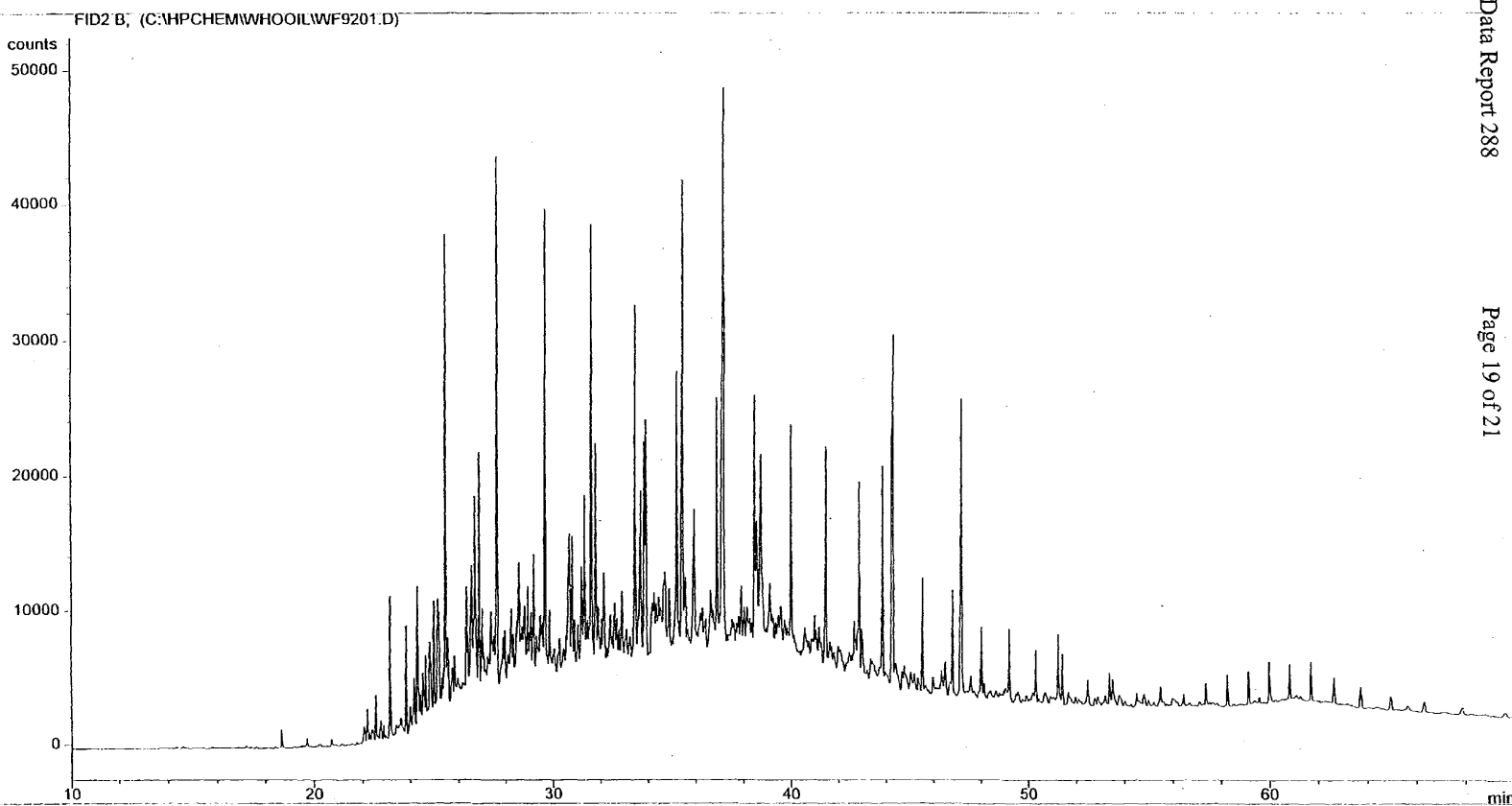
PRISTANE/N-C17 0.55

N-C15/N-C25 1.74

PHYTANE/N-C18 0.36

COMPOUND	RETENTION TIME	PEAK AREA	AREA N-C15=1	PEAK HEIGHT	HEIGHT N-C15=1
N-C4	0.71	0	0.000	0	0.000
N-C5	0.00	0	0.000	0	0.000
N-C6	0.00	0	0.000	0	0.000
N-C7	0.00	0	0.000	0	0.000
N-C8	0.00	0	0.000	0	0.000
N-C9	0.00	0	0.000	0	0.000
N-C10	0.00	0	0.000	0	0.000
N-C11	0.00	0	0.000	0	0.000
N-C12	20.71	1523	0.017	516	0.017
N-C13	23.15	29496	0.336	10605	0.350
N-C14	25.46	86352	0.983	32426	1.071
N-C15	27.63	118168	1.346	38091	1.258
N-C16	29.66	93599	1.066	32809	1.084
N-C17	31.60	87815	1.000	30273	1.000
N-C18	33.44	77923	0.887	25388	0.839
N-C19	35.20	55101	0.627	18283	0.604
N-C20	36.88	48388	0.551	17054	0.563
N-C21	38.47	42406	0.483	15151	0.500
N-C22	40.00	43653	0.497	15483	0.511
N-C23	41.46	44542	0.507	15022	0.496
N-C24	42.87	34949	0.398	12714	0.420
N-C25	44.29	67904	0.773	25326	0.837
N-C26	45.53	24473	0.279	8341	0.276
N-C27	46.78	20584	0.234	7398	0.244
N-C28	48.00	14605	0.166	4873	0.161
N-C29	49.17	15748	0.179	5000	0.165
N-C30	50.30	11149	0.127	3710	0.123
N-C31	51.23	14217	0.162	4592	0.152
N-C32	52.46	5130	0.058	1602	0.053
N-C33	53.38	6717	0.076	2192	0.072
N-C34	54.51	2155	0.025	804	0.027
N-C35	55.48	3475	0.040	1192	0.039
N-C36	56.43	2477	0.028	836	0.028
N-C37	57.35	5276	0.060	1621	0.054
N-C38	58.25	7508	0.085	2331	0.077
N-C39	59.13	7940	0.090	2453	0.081
N-C40	59.98	8081	0.092	2756	0.091
N-C41	60.81	8340	0.095	2604	0.086
N-C42	61.68	10364	0.118	2912	0.096
N-C43	62.65	7811	0.089	1915	0.063
N-C44	63.72	7487	0.085	1605	0.053
Pristane	31.78	48564		15123	
Phytane	33.69	27965		10273	

Cross Island #1 13240-13280



WESTPORT TECHNOLOGY CENTER INTERNATIONAL

WHOLE OIL GAS CHROMATOGRAPHY - N-ALKANES AND ISOPRENOIDS

SAMPLE : Cross Island #1

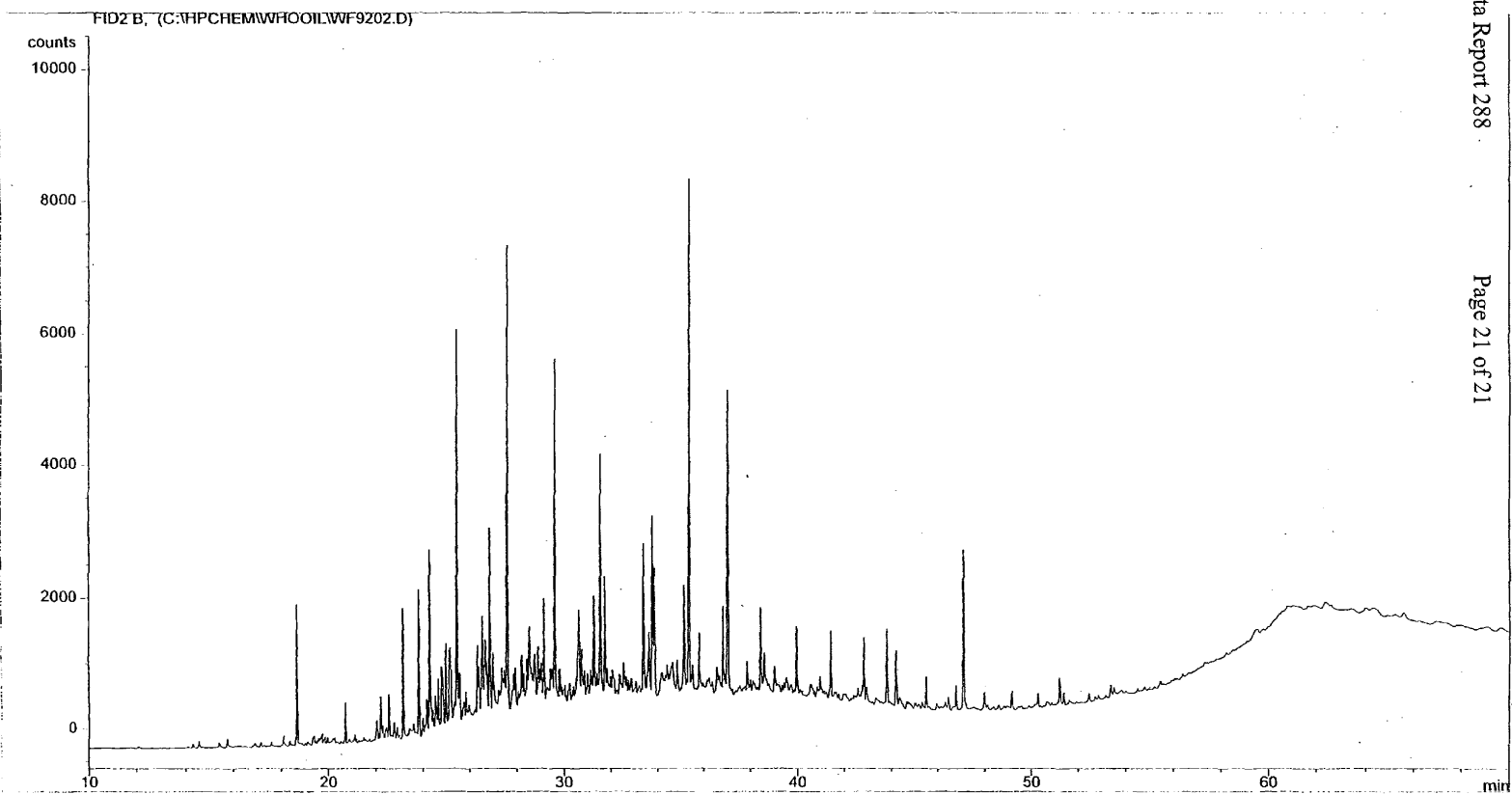
DATA FILE WF9202.D

13930-13980 10' cuttings

CPI VALUE	1.16	PRISTANE/PHYTANE	1.74
N-C9/N-C19	0.00	PRISTANE/N-C17	0.57
N-C15/N-C25	6.32	PHYTANE/N-C18	0.49

COMPOUND	RETENTION TIME	PEAK AREA	AREA N-C15=1	PEAK HEIGHT	HEIGHT N-C15=1
N-C4	0.73	0	0.000	0	0.000
N-C5	0.00	0	0.000	0	0.000
N-C6	0.00	0	0.000	0	0.000
N-C7	0.00	0	0.000	0	0.000
N-C8	0.00	0	0.000	0	0.000
N-C9	0.00	0	0.000	0	0.000
N-C10	15.42	137	0.015	60	0.017
N-C11	18.10	314	0.034	136	0.040
N-C12	20.71	1620	0.175	638	0.186
N-C13	23.14	5110	0.553	1978	0.576
N-C14	25.43	14063	1.522	5673	1.652
N-C15	27.59	19985	2.163	6859	1.998
N-C16	29.62	13742	1.487	5038	1.468
N-C17	31.56	9241	1.000	3433	1.000
N-C18	33.40	6165	0.667	2140	0.623
N-C19	35.15	4120	0.446	1454	0.424
N-C20	36.82	3201	0.346	1188	0.346
N-C21	38.43	3547	0.384	1197	0.349
N-C22	39.95	3225	0.349	1022	0.298
N-C23	41.43	2707	0.293	973	0.283
N-C24	42.83	2441	0.264	877	0.255
N-C25	44.20	3164	0.342	828	0.241
N-C26	45.50	1385	0.150	481	0.140
N-C27	46.76	1002	0.108	365	0.106
N-C28	47.97	873	0.094	254	0.074
N-C29	49.15	902	0.098	271	0.079
N-C30	50.28	593	0.064	203	0.059
N-C31	51.20	1435	0.155	402	0.117
N-C32	52.45	544	0.059	139	0.040
N-C33	53.36	425	0.046	151	0.044
N-C34	54.49	199	0.022	69	0.020
N-C35	55.46	304	0.033	83	0.024
N-C36	0.00	0	0.000	0	0.000
N-C37	0.00	0	0.000	0	0.000
N-C38	58.24	191	0.021	42	0.012
N-C39	0.00	0	0.000	0	0.000
N-C40	59.97	106	0.011	34	0.010
N-C41	60.80	14	0.002	17	0.005
N-C42	0.00	0	0.000	0	0.000
N-C43	0.00	0	0.000	0	0.000
N-C44	0.00	0	0.000	0	0.000
Pristane	31.75	5290		1687	
Phytane	33.64	3034		791	

Cross Island #1 13930-13980



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