Geochemical analysis of

Tenneco OCS Y-0943-1 (Aurora No. 1) well cuttings (3,570' – 3,600', and 4,080' – 4,110'),

Amoco OCS Y-0917-1 (Belcher No. 1) well cuttings (2,200', 3,160', and 3,970'), and

Mobil Oil Corporation Mikkelsen Bay State 13-09-19 well core (11,608', 11,613', 11,626', and 11, 655').

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Total of 33 pages in report

Alaska Geologic Materials Center Data Report No. 298

BASELINE DGSI
ANALYTICAL LABORATORIES

GEOCHEMICAL ANALYSIS OF
Aurora-1

Prepared For:
BP

Performed By:

Baseline DGSI

Project: 01-458-A
September 2001

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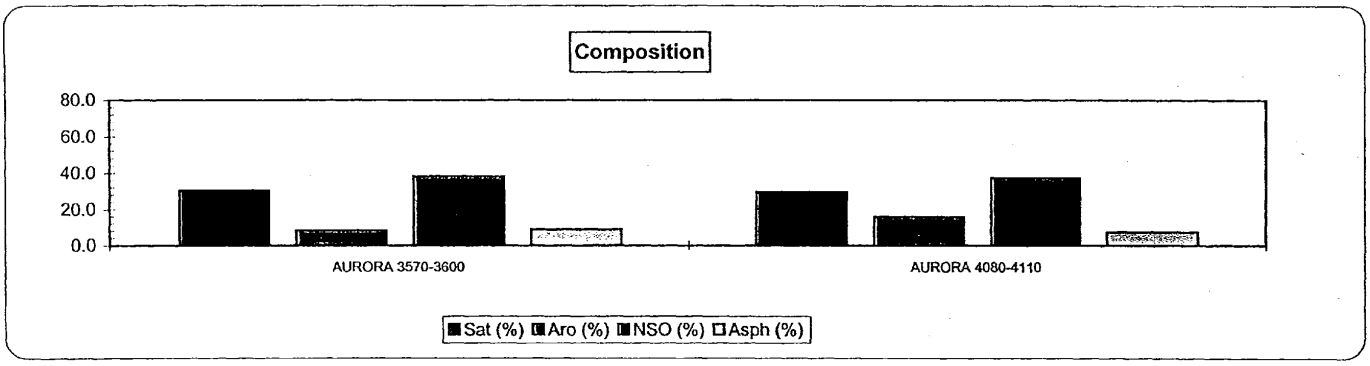
BASELINE DGSI
ANALYTICAL LABORATORIES

MPLC DATA

Project #: 01-458-A

Sample ID	Sample Orig Wt (mg)	Sat (mg)	Aro (mg)	NSO (mg)	Asph (mg)	Sat (%)	Aro (%)	NSO (%)	Asph (%)	Deasph Wt (mg)	Sat/Aro	Total Recovery (mg)	Total Recovery (%)
AURORA 3570-3600	19.3	5.9	1.6	7.4	1.7	30.6	8.3	38.3	8.8	16.3	14.8	16.6	86.0
AURORA 4080-4110	52.7	15.6	8.4	19.8	4.0	29.6	15.9	37.6	7.6	46.3	7.4	47.8	90.7



Sat=saturate hydrocarbons; Aro=aromatic hydrocarbons; NSO=nitrogen, sulfur and oxygen compounds (resins); Asph=asphaltenes (pentane insoluble)
Sample Orig Wt=sample weight in mg of the material used for the liquid chromatography procedure
Total Recovery (mg)=total combined weight of the saturate, aromatic, NSO and asphaltene fractions
Deasphaltene weight=weight of the sample minus the asphaltene weight

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BASELINE DGSI
ANALYTICAL LABORATORIES

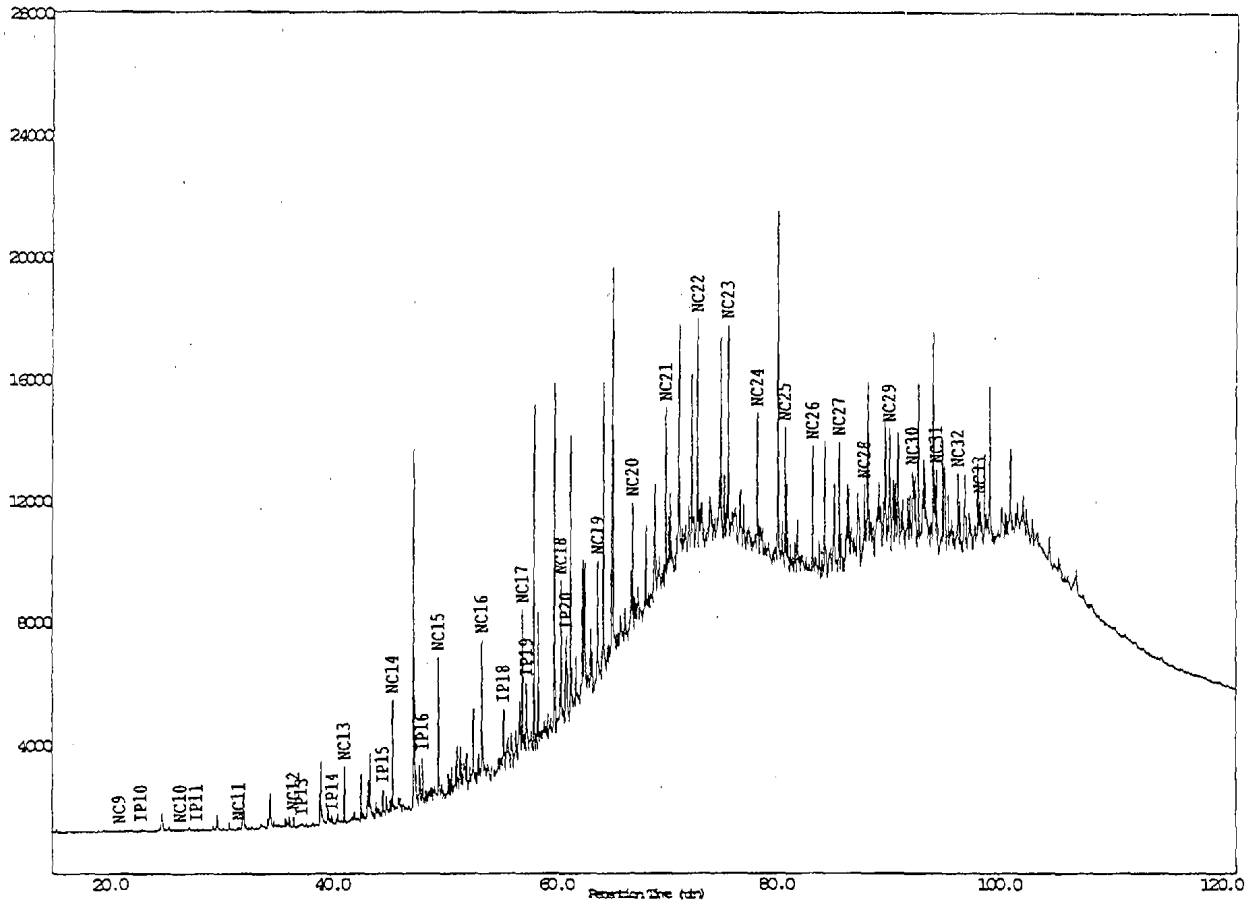
SATURATE GC ANALYSIS

Company	BP
Sample	AURORA 3570-3600
File Name	G1010812.D

Saturate Compositions:

Resolved Components(%)	
Normal Paraffins	10.4
Isoprenoids	1.9
Resolved unknowns	87.7

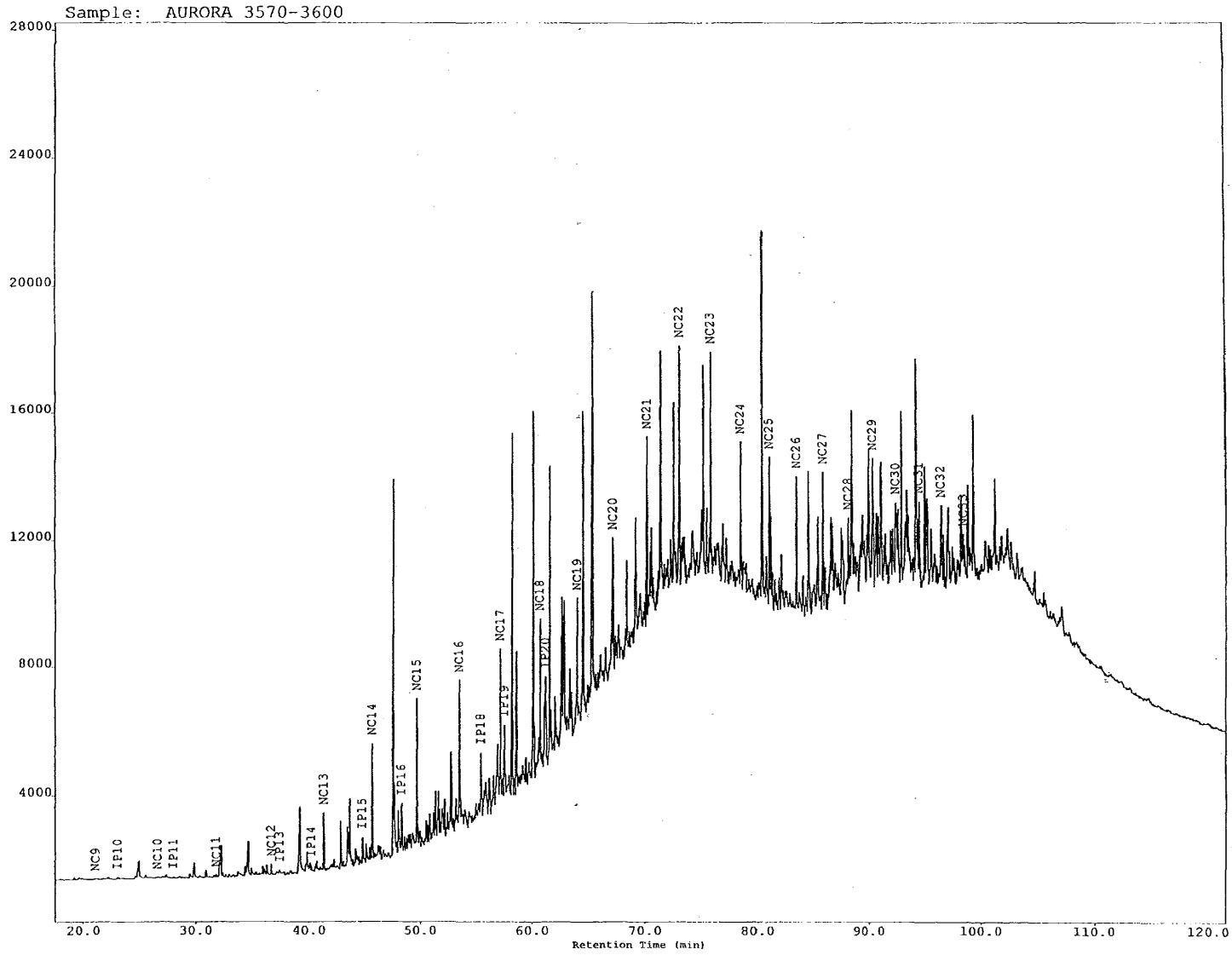
Ratios	
Pristane/Phytane	0.57
nC17/Pristane	1.28
nC18/Phytane	0.69
nC18/nC19	1.05
nC17/nC29	0.87
CPI Marzi[1]	1.25



[1]Thompson, K.F.M.,1983.GCA:V.47, p.303. [2]Mango, F.D.,1994.GCA: V.58, p.895. [3]Halpern,H.I.,1995,AAPG Bull.: V.79, p.801. [4]Marzi,1993,OrgG;20,1301.

Company BP
Sample AURORA 3570-3600
File Name G1010812.D

Abbreviation	Compound	Time	Area	Height	Area %	Height %
NC9	Normal Alkane C9	21.013	134	35	0.00	0.00
NC10	Normal Alkane C10	26.572	224	53	0.01	0.01
IP11	Isoprenoid C11	27.999	266	67	0.01	0.01
NC11	Normal Alkane C11	31.803	386	101	0.01	0.01
NC12	Normal Alkane C12	36.702	1417	382	0.04	0.04
IP13	Isoprenoid C13	37.445	823	165	0.02	0.02
IP14	Isoprenoid C14	40.193	873	251	0.03	0.03
NC13	Normal Alkane C13	41.289	6025	1879	0.18	0.22
IP15	Isoprenoid C15	44.728	3251	892	0.09	0.10
NC14	Normal Alkane C14	45.606	12249	3762	0.36	0.44
IP16	Isoprenoid C16	48.258	7972	1623	0.23	0.19
NC15	Normal Alkane C15	49.675	17486	4700	0.51	0.55
NC16	Normal Alkane C16	53.522	16846	4758	0.49	0.56
IP18	Isoprenoid C18	55.458	10006	2148	0.29	0.25
NC17	Normal Alkane C17	57.168	18584	5017	0.54	0.59
IP19	Isoprenoid C19 (Pristane)	57.530	14487	2502	0.42	0.29
NC18	Normal Alkane C18	60.638	17653	4841	0.51	0.57
IP20	Isoprenoid C20 (Phytane)	61.116	25499	2861	0.74	0.34
NC19	Normal Alkane C19	63.945	16810	4192	0.49	0.49
NC20	Normal Alkane C20	67.098	18373	4527	0.54	0.53
NC21	Normal Alkane C21	70.112	20912	6066	0.61	0.71
NC22	Normal Alkane C22	72.996	27857	7779	0.81	0.92
NC23	Normal Alkane C23	75.756	24686	7171	0.72	0.84
NC24	Normal Alkane C24	78.401	19757	4824	0.58	0.57
NC25	Normal Alkane C25	80.943	18651	4763	0.54	0.56
NC26	Normal Alkane C26	83.399	16589	4452	0.48	0.52
NC27	Normal Alkane C27	85.762	18614	4487	0.54	0.53
NC28	Normal Alkane C28	88.034	11865	2745	0.35	0.32
NC29	Normal Alkane C29	90.247	21395	4309	0.62	0.51
NC30	Normal Alkane C30	92.317	11536	2645	0.34	0.31
NC31	Normal Alkane C31	94.435	14001	2786	0.41	0.33
NC32	Normal Alkane C32	96.407	15425	2743	0.45	0.32
NC33	Normal Alkane C33	98.372	10320	1709	0.30	0.20
NC34	Normal Alkane C34					
NC35	Normal Alkane C35					
NC36	Normal Alkane C36					
NC37	Normal Alkane C37					
NC38	Normal Alkane C38					
NC39	Normal Alkane C39					
NC40	Normal Alkane C40					
NC41	Normal Alkane C41					



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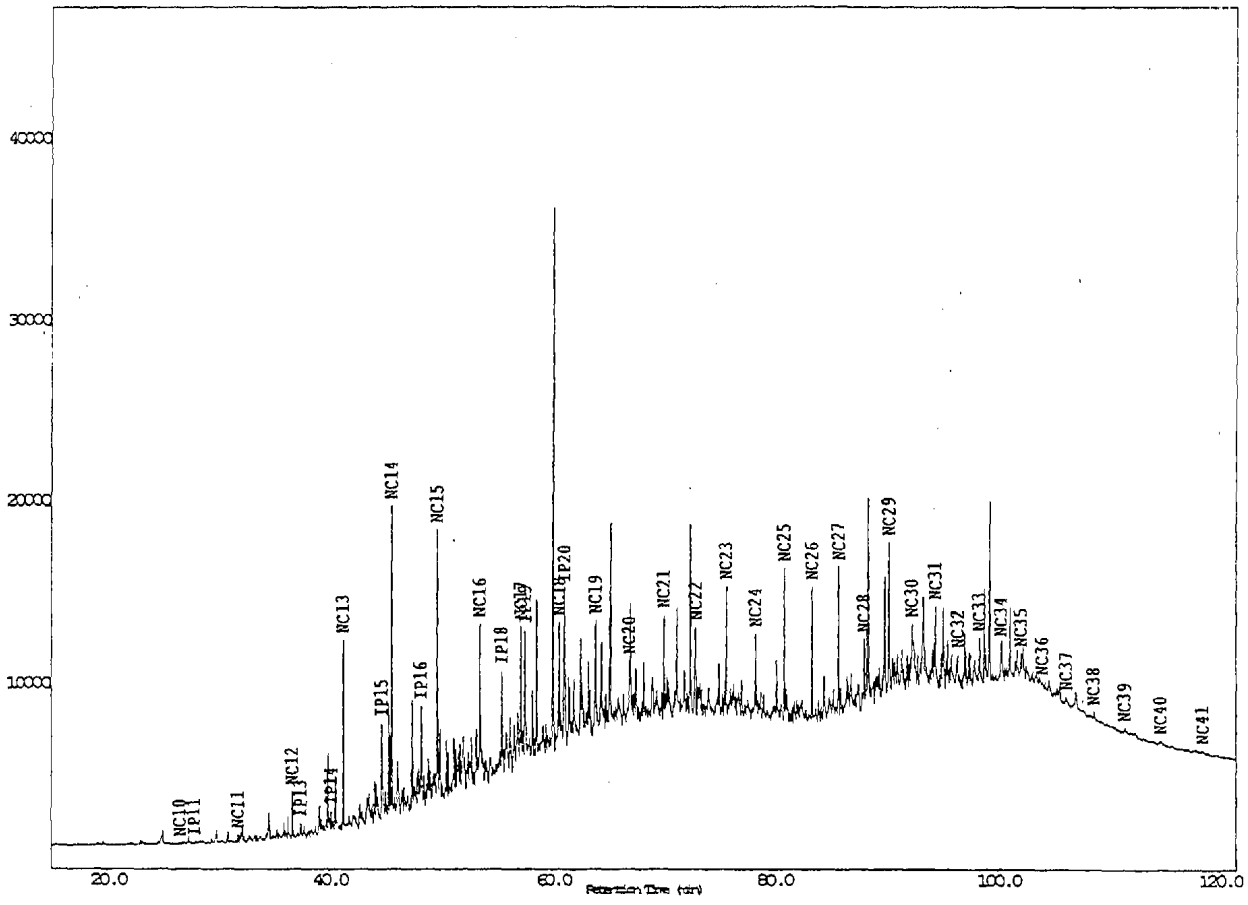
Company	BP
Sample	AURORA 4080-4110
File Name	G1010813.D

Saturate Compositions:

Resolved Components(%)	
Normal Paraffins	12.7
Isoprenoids	3.9
Resolved unknowns	83.4

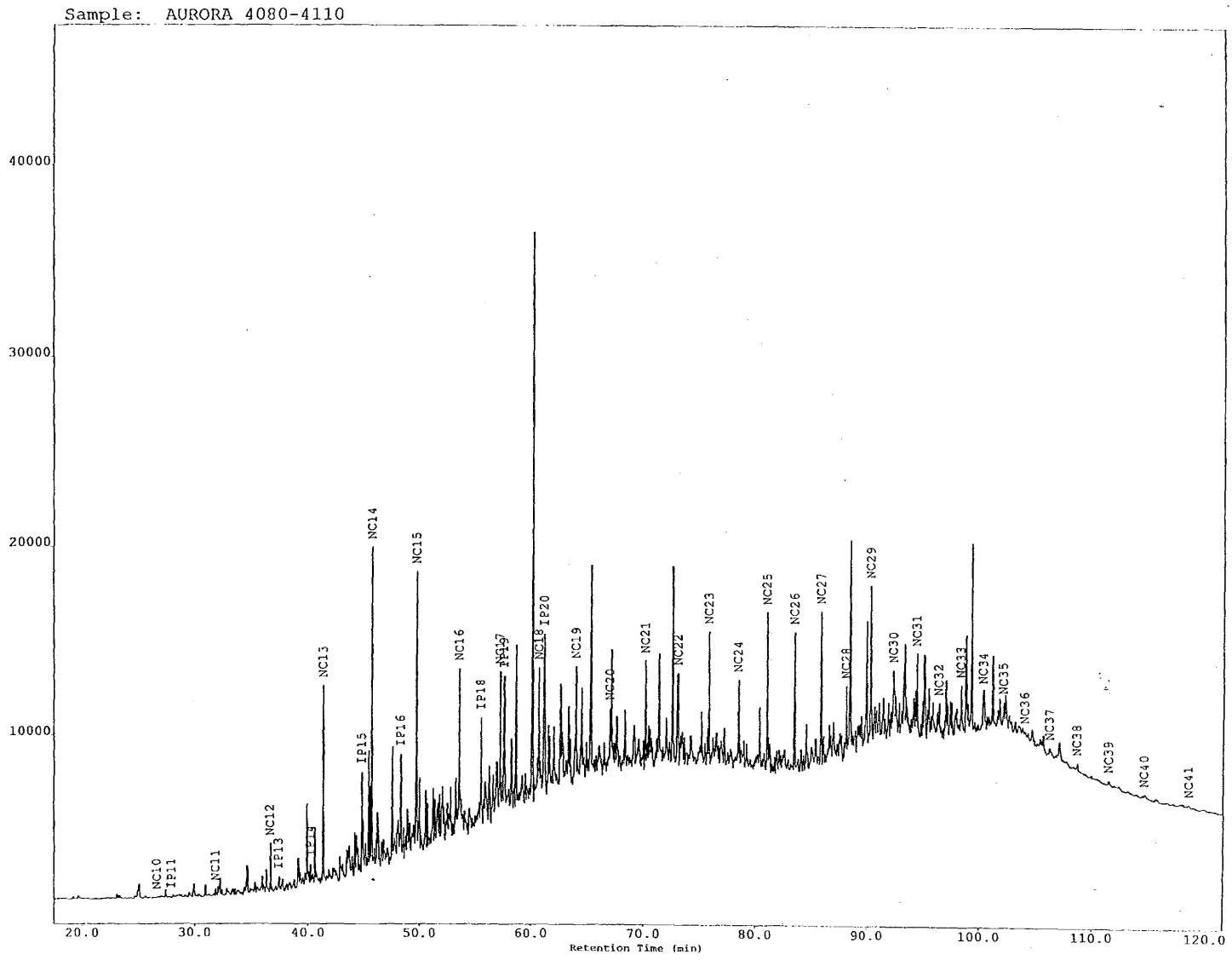
Ratios	
Pristane/Phytane	0.54
nC17/Pristane	0.82
nC18/Phytane	0.40
nC18/nC19	1.04
nC17/nC29	0.80
CPI Marzi[1]	1.51



[1]Thompson, K.F.M.,1983.GCA:V.47, p.303. [2]Mango, F.D.,1994.GCA: V.58, p.895. [3]Halpern,H.I.,1995,AAPG Bull.: V.79, p.801. [4]Marzi,1993,OrgG;20,1301.

Company BP
Sample AURORA 4080-4110
File Name G1010813.D

Abbreviation	Compound	Time	Area	Height	Area %	Height %
NC9	Normal Alkane C9					
NC10	Normal Alkane C10	26.626	201	53	0.00	0.00
IP11	Isoprenoid C11	27.911	223	67	0.00	0.01
NC11	Normal Alkane C11	31.852	1932	455	0.04	0.04
NC12	Normal Alkane C12	36.744	8961	2663	0.18	0.23
IP13	Isoprenoid C13	37.488	3879	806	0.08	0.07
IP14	Isoprenoid C14	40.234	3889	1230	0.08	0.11
NC13	Normal Alkane C13	41.336	33775	10562	0.70	0.91
IP15	Isoprenoid C15	44.772	18881	5423	0.39	0.47
NC14	Normal Alkane C14	45.656	55892	17175	1.15	1.48
IP16	Isoprenoid C16	48.303	29849	5642	0.61	0.49
NC15	Normal Alkane C15	49.721	57477	15028	1.18	1.29
NC16	Normal Alkane C16	53.563	31316	8992	0.64	0.77
IP18	Isoprenoid C18	55.498	27363	5888	0.56	0.51
NC17	Normal Alkane C17	57.211	29542	7813	0.61	0.67
IP19	Isoprenoid C19 (Pristane)	57.577	36237	7449	0.75	0.64
NC18	Normal Alkane C18	60.675	26789	6999	0.55	0.60
IP20	Isoprenoid C20 (Phytane)	61.152	67560	8683	1.39	0.75
NC19	Normal Alkane C19	63.978	25832	6406	0.53	0.55
NC20	Normal Alkane C20	67.023	17873	3685	0.37	0.32
NC21	Normal Alkane C21	70.128	19909	5803	0.41	0.50
NC22	Normal Alkane C22	73.005	17345	5013	0.36	0.43
NC23	Normal Alkane C23	75.765	23924	7137	0.49	0.61
NC24	Normal Alkane C24	78.410	17322	4735	0.36	0.41
NC25	Normal Alkane C25	80.957	32409	8443	0.67	0.73
NC26	Normal Alkane C26	83.412	28877	7468	0.59	0.64
NC27	Normal Alkane C27	85.773	31828	8255	0.66	0.71
NC28	Normal Alkane C28	88.049	16593	3946	0.34	0.34
NC29	Normal Alkane C29	90.261	36884	8596	0.76	0.74
NC30	Normal Alkane C30	92.321	18934	3627	0.39	0.31
NC31	Normal Alkane C31	94.447	20629	4498	0.42	0.39
NC32	Normal Alkane C32	96.428	10744	1960	0.22	0.17
NC33	Normal Alkane C33	98.373	15317	2751	0.32	0.24
NC34	Normal Alkane C34	100.318	10251	2221	0.21	0.19
NC35	Normal Alkane C35	102.098	8901	1494	0.18	0.13
NC36	Normal Alkane C36	104.011	2425	489	0.05	0.04
NC37	Normal Alkane C37	106.212	3293	504	0.07	0.04
NC38	Normal Alkane C38	108.629	3338	491	0.07	0.04
NC39	Normal Alkane C39	111.453	3270	352	0.07	0.03
NC40	Normal Alkane C40	114.675	2042	249	0.04	0.02
NC41	Normal Alkane C41	118.497	2698	230	0.06	0.02



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BASELINE DGSI
ANALYTICAL LABORATORIES

GEOCHEMICAL ANALYSIS OF
Belcher

Prepared For:
BP

Performed By:

Baseline DGSI

Project: 01-456-A
September 2001

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BASELINE DGSI
ANALYTICAL LABORATORIES

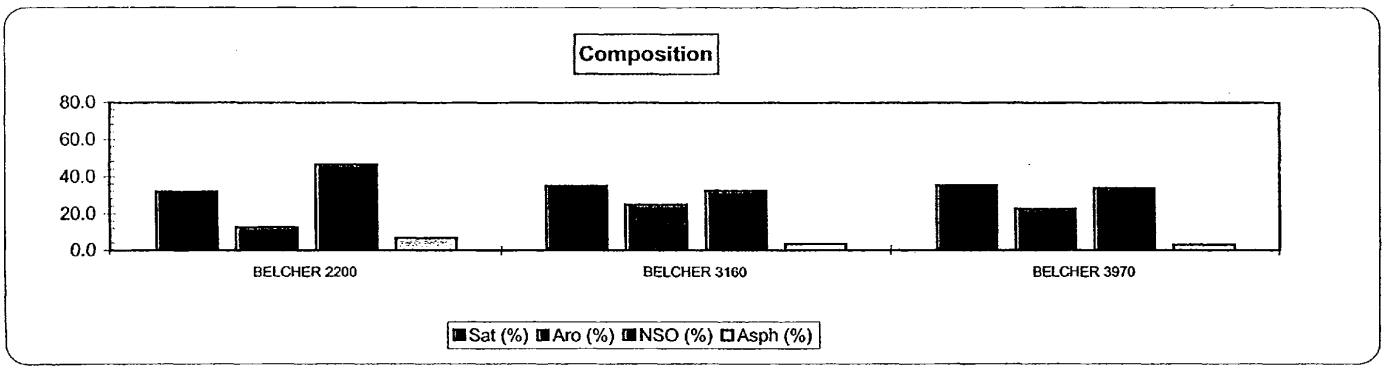
Extracted Whole Oil GC ANALYSIS

BASELINE DGSI
ANALYTICAL LABORATORIES

MPLC DATA

Project #: 01-456-A

Sample ID	Sample Orig Wt (mg)	Sat (mg)	Aro (mg)	NSO (mg)	Asph (mg)	Sat (%)	Aro (%)	NSO (%)	Asph (%)	Deasph Wt (mg)	Sat/Aro	Total Recovery (mg)	(%)
BELCHER 2200	63.1	20.2	8.0	29.4	4.3	32.0	12.7	46.6	6.8	58.6	10.1	61.9	98.1
BELCHER 3160	75.3	26.5	18.8	24.5	2.6	35.2	25.0	32.5	3.5	71.9	5.6	72.4	96.2
BELCHER 3970	66.1	23.4	14.8	22.4	2.0	35.4	22.4	33.9	3.0	63.8	6.3	62.6	94.7



Sat=saturate hydrocarbons; Aro=aromatic hydrocarbons; NSO=nitrogen, sulfur and oxygen compounds (resins); Asph=asphaltenes (pentane insoluble)
Sample Orig Wt=sample weight in mg of the material used for the liquid chromatography procedure
Total Recovery (mg)=total combined weight of the saturate, aromatic, NSO and asphaltene fractions
Deasphaltene weight=weight of the sample minus the asphaltene weight

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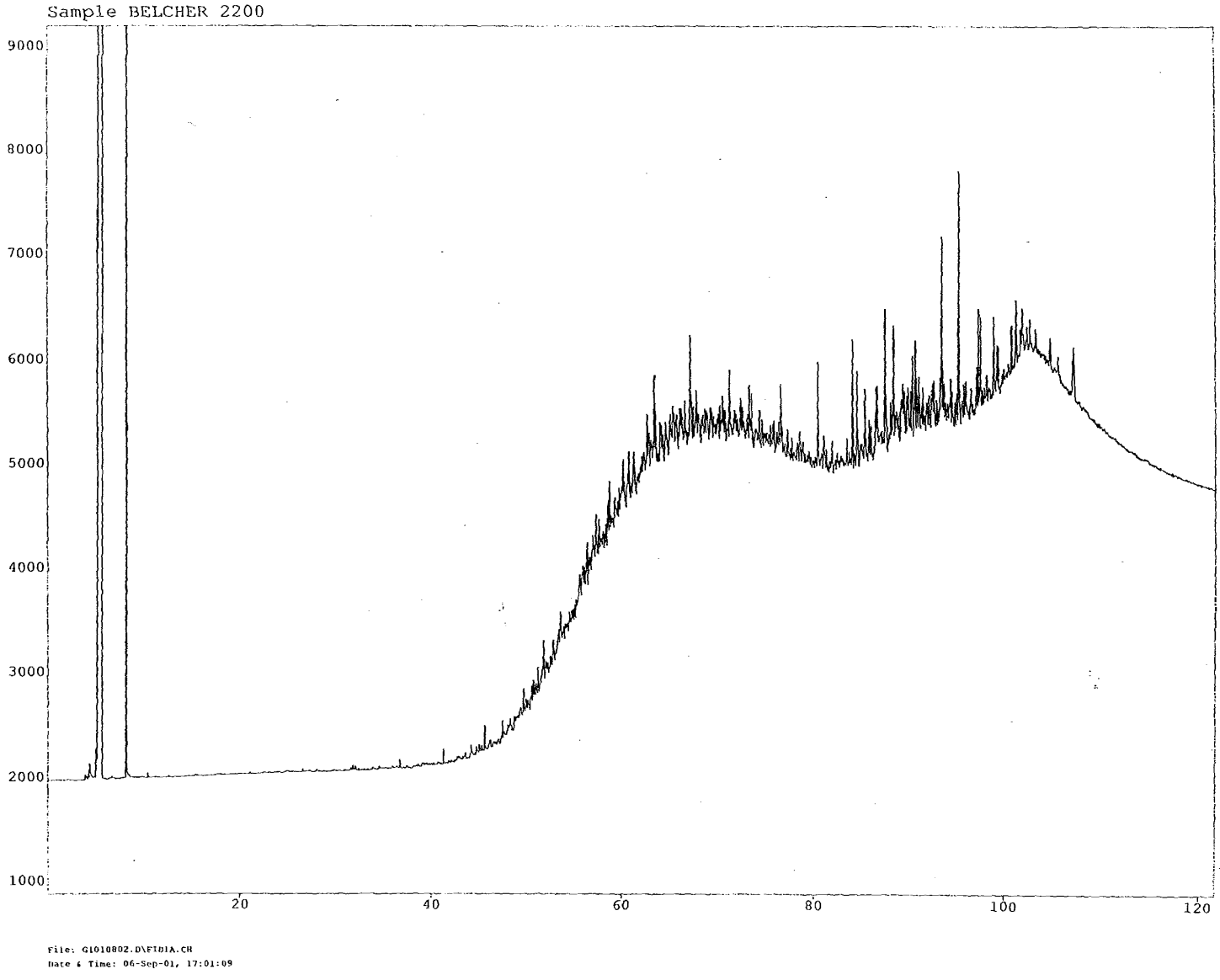
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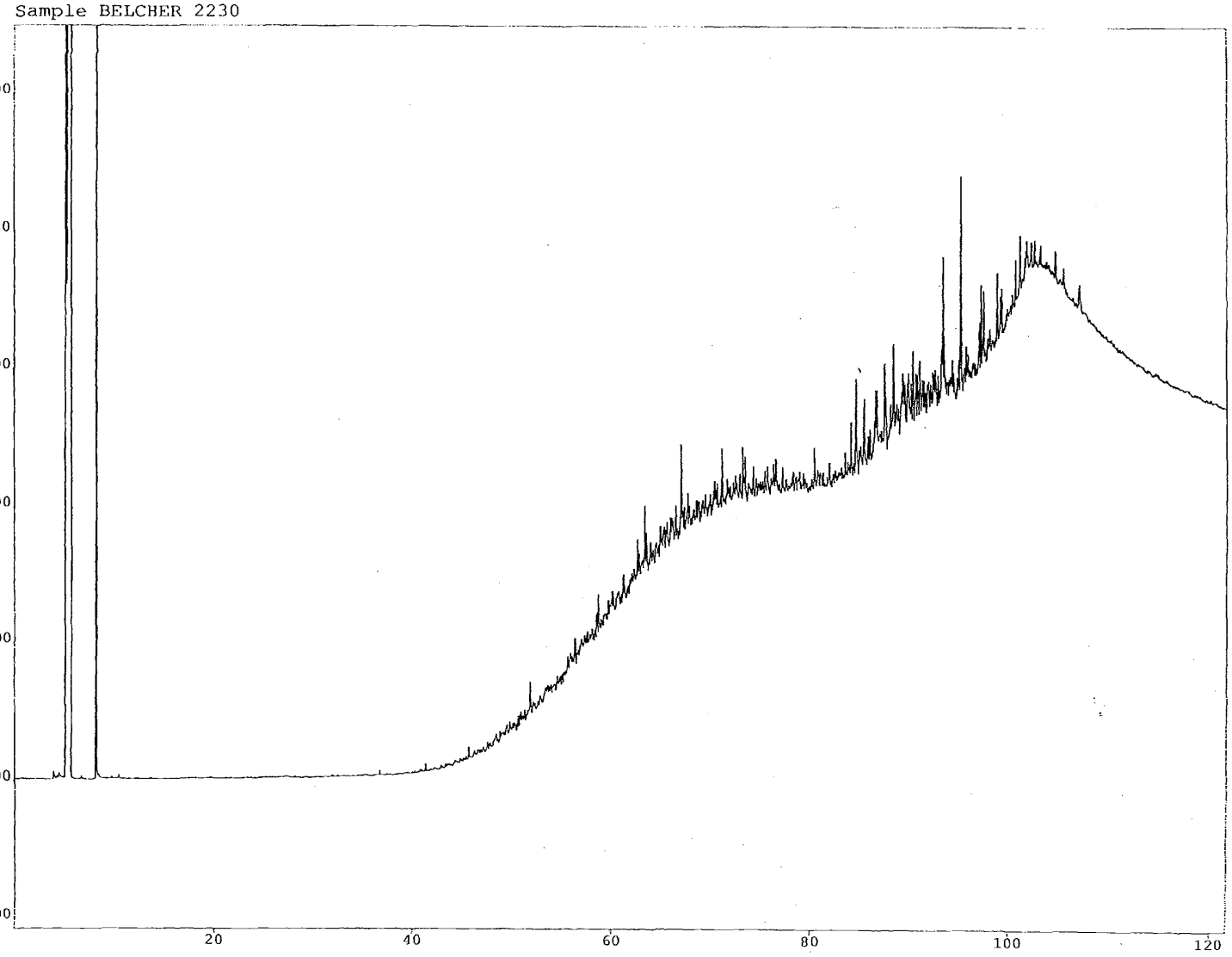
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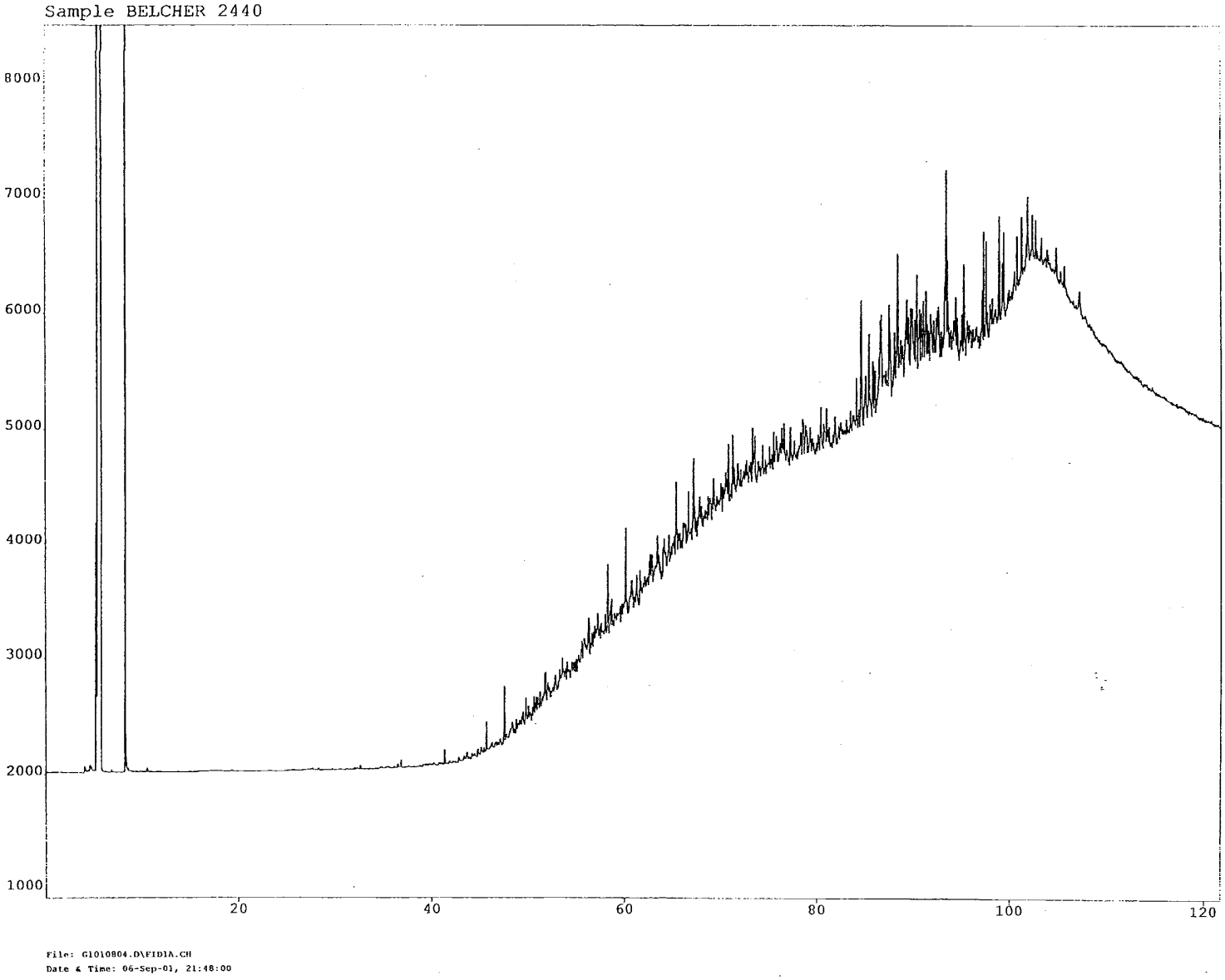
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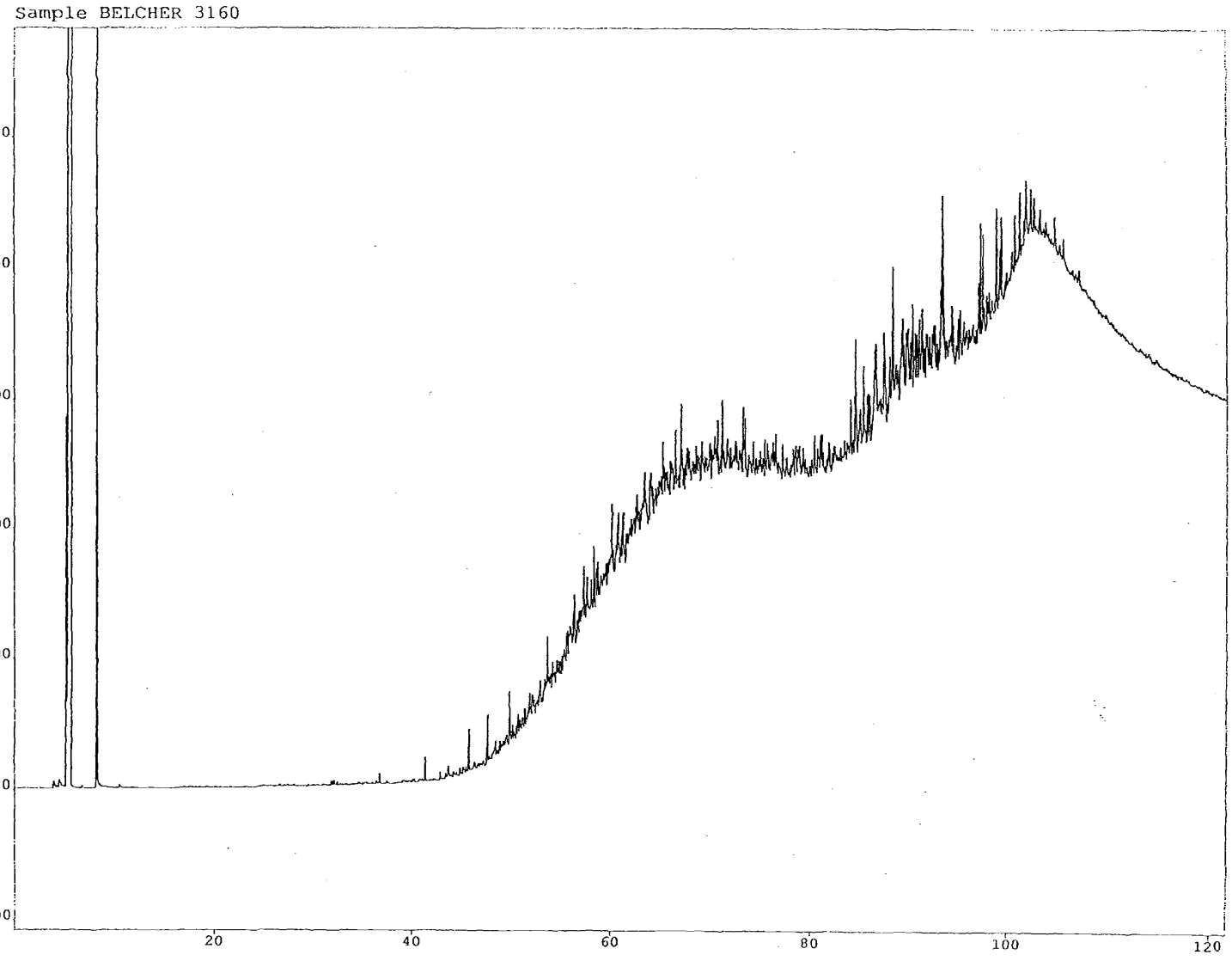
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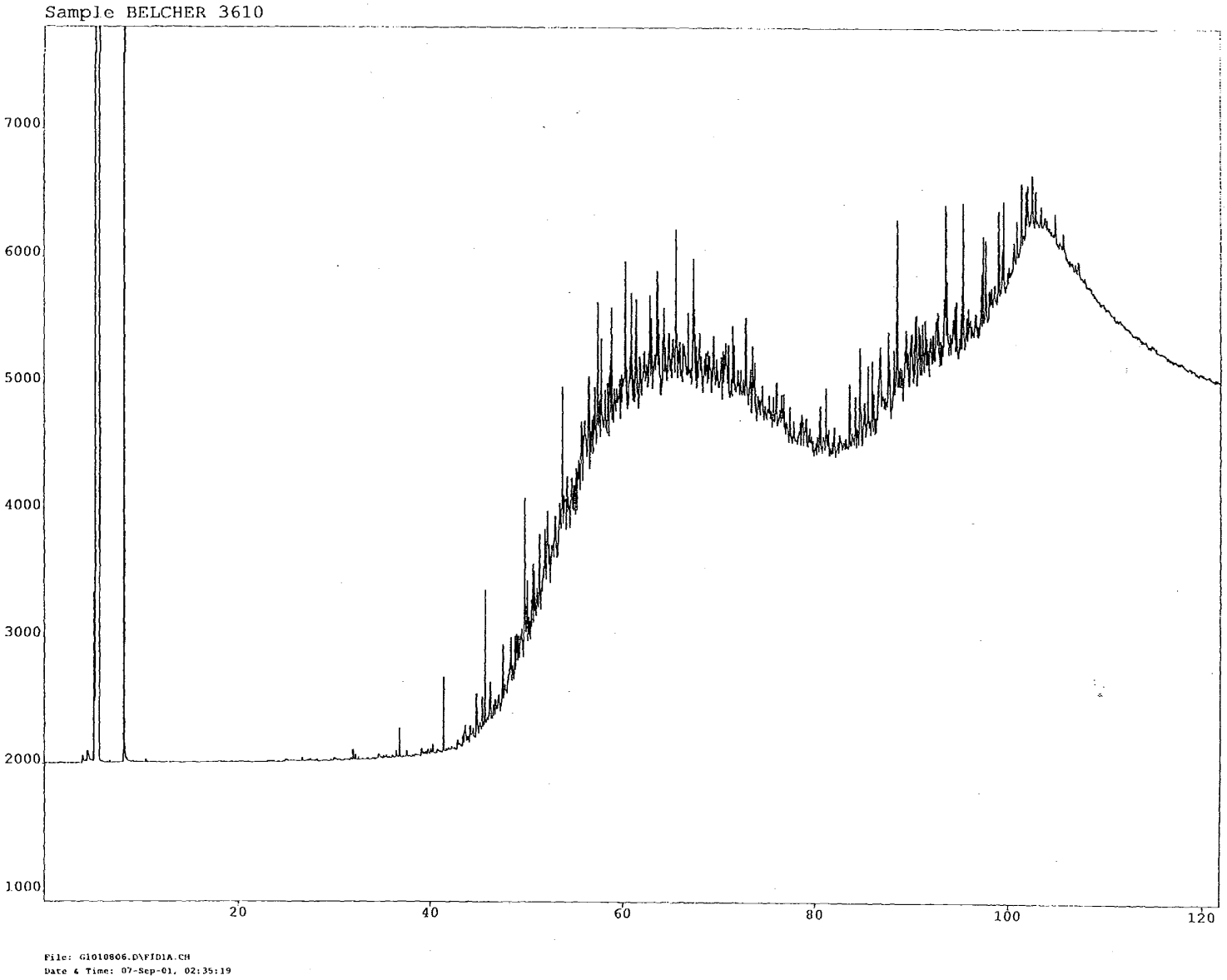
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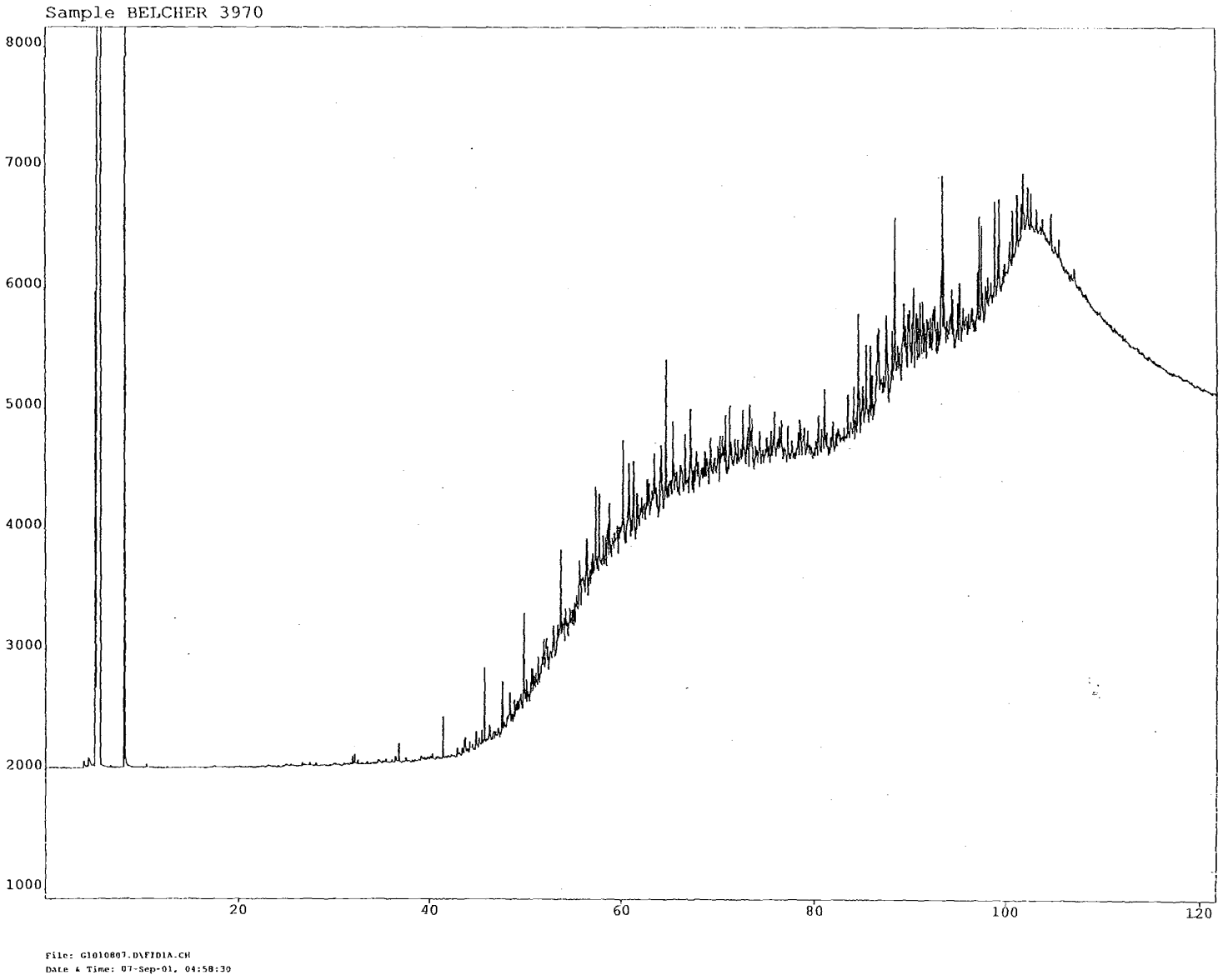
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BASELINE DGSI
ANALYTICAL LABORATORIES

GEOCHEMICAL ANALYSIS OF
Mikkelsen Bay

Prepared For:
BP

Performed By:

Baseline DGSI

Project: 01-457-A
September 2001

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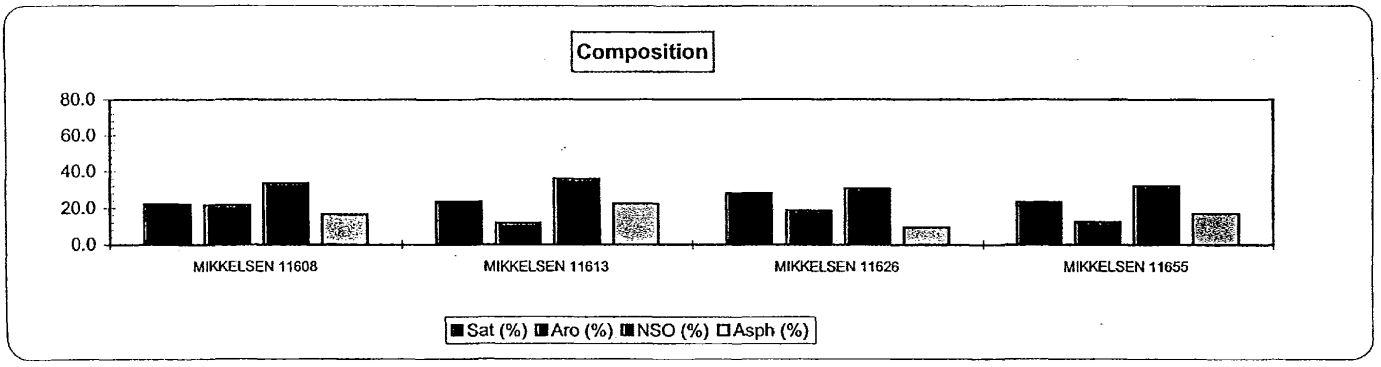
BASELINE DGSI
ANALYTICAL LABORATORIES

MPLC DATA

Project #: 01-457-A

Sample ID	Sample Orig Wt (mg)	Sat (mg)	Aro (mg)	NSO (mg)	Asph (mg)	Sat (%)	Aro (%)	NSO (%)	Asph (%)	Deasph Wt (mg)	Sat/Aro	Total Recovery (mg)	(%)
MIKKELSEN 11608	74.1	16.5	16.0	25.0	12.3	22.3	21.6	33.7	16.6	61.3	4.1	69.8	94.2
MIKKELSEN 11613	59.9	14.2	7.2	21.6	13.5	23.7	12.0	36.1	22.5	50.3	7.9	56.5	94.3
MIKKELSEN 11626	96.4	27.4	18.0	29.7	9.4	28.4	18.7	30.8	9.8	75.9	6.1	84.5	87.7
MIKKELSEN 11655	35.4	8.3	4.4	11.4	6.1	23.5	12.4	32.2	17.2	30.0	7.6	30.2	85.3



Sat=saturate hydrocarbons; Aro=aromatic hydrocarbons; NSO=nitrogen, sulfur and oxygen compounds (resins); Asph=asphaltenes (pentane insoluble)
Sample Orig Wt=sample weight in mg of the material used for the liquid chromatography procedure
Total Recovery (mg)=total combined weight of the saturate, aromatic, NSO and asphaltene fractions
Deasphaltene weight=weight of the sample minus the asphaltene weight

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BASELINE DGSI
ANALYTICAL LABORATORIES

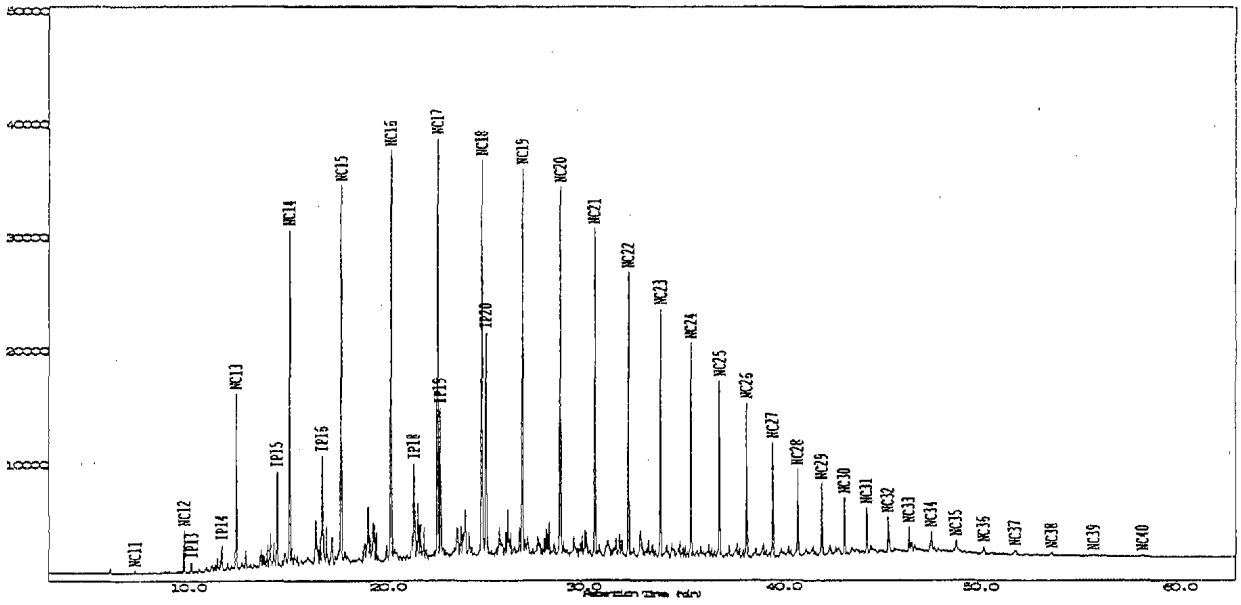
SATURATE GC ANALYSIS

Company	BP
Sample	MIKKELSEN 11608
File Name	G6010594.D

Saturate Compositions:

Resolved Components(%)	
Normal Paraffins	50.0
Isoprenoids	8.6
Resolved unknowns	41.4

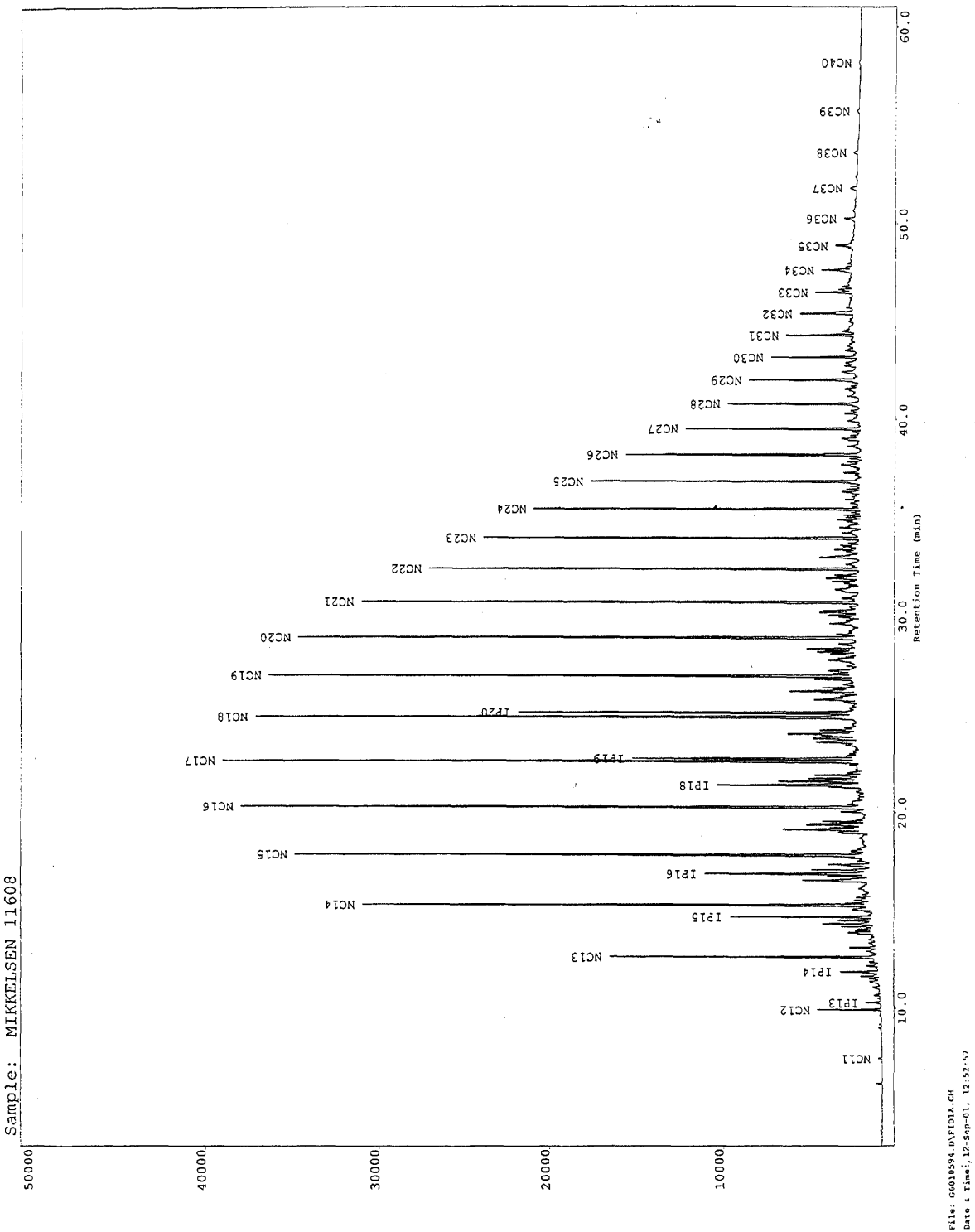
Ratios	
Pristane/Phytane	0.61
nC17/Pristane	2.57
nC18/Phytane	1.54
nC18/nC19	1.08
nC17/nC29	6.10
CPI Marzi[1]	0.98



[1]Thompson, K.F.M.,1983.GCA:V.47, p.303. [2]Mango, F.D.,1994.GCA: V.58, p.895. [3]Halpern,H.I.,1995,AAPG Bull.: V.79, p.801. [4]Marzi,1993,OrgG;20,1301.

Company BP
Sample MIKKELSEN 11608
File Name G6010594.D

Abbreviation	Compound	Time	Area	Height	Area %	Height %
NC9	Normal Alkane C9					
NC10	Normal Alkane C10					
IP11	Isoprenoid C11					
NC11	Normal Alkane C11	7.424	534	247	0.02	0.03
NC12	Normal Alkane C12	9.902	9045	3801	0.35	0.49
IP13	Isoprenoid C13	10.269	2523	922	0.10	0.12
IP14	Isoprenoid C14	11.821	5871	2325	0.22	0.30
NC13	Normal Alkane C13	12.544	40387	15564	1.54	1.99
IP15	Isoprenoid C15	14.580	22716	8469	0.87	1.08
NC14	Normal Alkane C14	15.202	85505	29846	3.27	3.81
IP16	Isoprenoid C16	16.808	35513	9726	1.36	1.24
NC15	Normal Alkane C15	17.780	104983	33443	4.01	4.27
NC16	Normal Alkane C16	20.255	117245	36415	4.48	4.65
IP18	Isoprenoid C18	21.407	35062	8542	1.34	1.09
NC17	Normal Alkane C17	22.616	119940	37100	4.58	4.74
IP19	Isoprenoid C19 (Pristane)	22.748	46678	13280	1.78	1.70
NC18	Normal Alkane C18	24.866	117462	35075	4.49	4.48
IP20	Isoprenoid C20 (Phytane)	25.082	76405	19749	2.92	2.52
NC19	Normal Alkane C19	26.970	108326	34191	4.14	4.36
NC20	Normal Alkane C20	28.907	102303	32626	3.91	4.16
NC21	Normal Alkane C21	30.700	85304	29008	3.26	3.70
NC22	Normal Alkane C22	32.377	74445	25118	2.84	3.21
NC23	Normal Alkane C23	33.956	62408	21938	2.38	2.80
NC24	Normal Alkane C24	35.452	55220	19001	2.11	2.43
NC25	Normal Alkane C25	36.876	45563	15656	1.74	2.00
NC26	Normal Alkane C26	38.241	40749	13695	1.56	1.75
NC27	Normal Alkane C27	39.549	29733	10253	1.14	1.31
NC28	Normal Alkane C28	40.805	22798	7735	0.87	0.99
NC29	Normal Alkane C29	42.016	19649	6420	0.75	0.82
NC30	Normal Alkane C30	43.188	15239	5063	0.58	0.65
NC31	Normal Alkane C31	44.320	12703	4081	0.49	0.52
NC32	Normal Alkane C32	45.418	9544	3173	0.36	0.41
NC33	Normal Alkane C33	46.497	7188	2202	0.27	0.28
NC34	Normal Alkane C34	47.637	7861	1775	0.30	0.23
NC35	Normal Alkane C35	48.891	5089	1076	0.19	0.14
NC36	Normal Alkane C36	50.286	3172	657	0.12	0.08
NC37	Normal Alkane C37	51.855	3220	413	0.12	0.05
NC38	Normal Alkane C38	53.676	1715	261	0.07	0.03
NC39	Normal Alkane C39	55.778	1239	147	0.05	0.02
NC40	Normal Alkane C40	58.230	990	112	0.04	0.01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NC15
NC16
IP18
IP19
NC17
NC18
IP20
NC19
NC20
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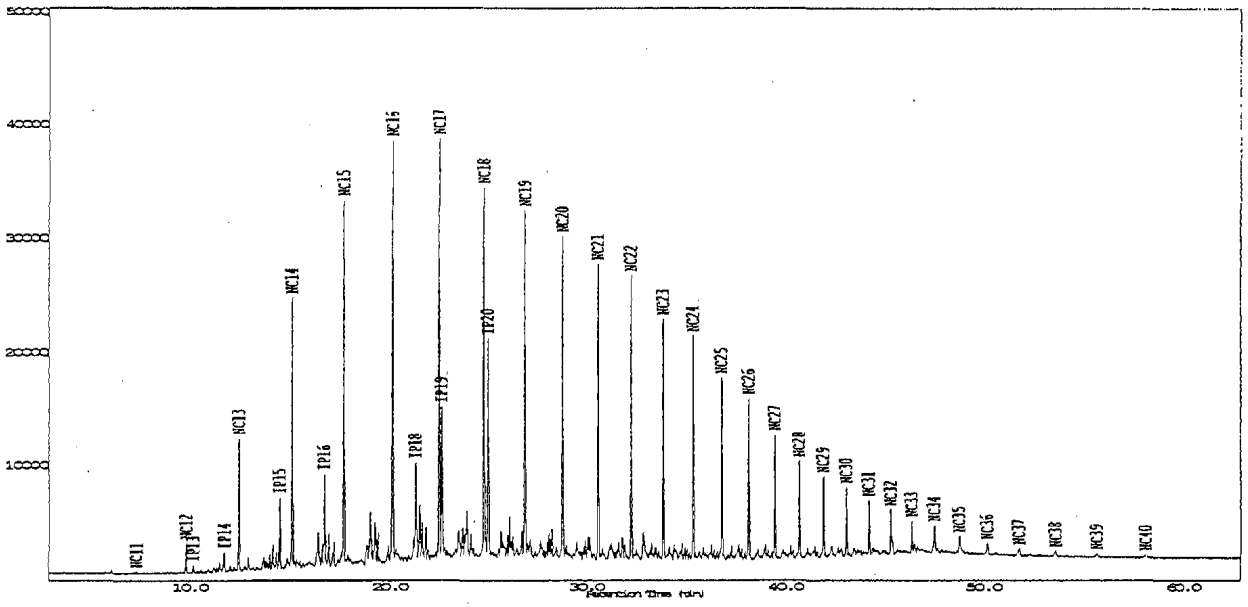
Date & Time:, 12-Sep-01, 12:52:57

Company	BP
Sample	MIKKELSEN 11613
File Name	G6010595.D

Saturate Compositions:

Resolved Components(%)	
Normal Paraffins	51.3
Isoprenoids	8.6
Resolved unknowns	40.1

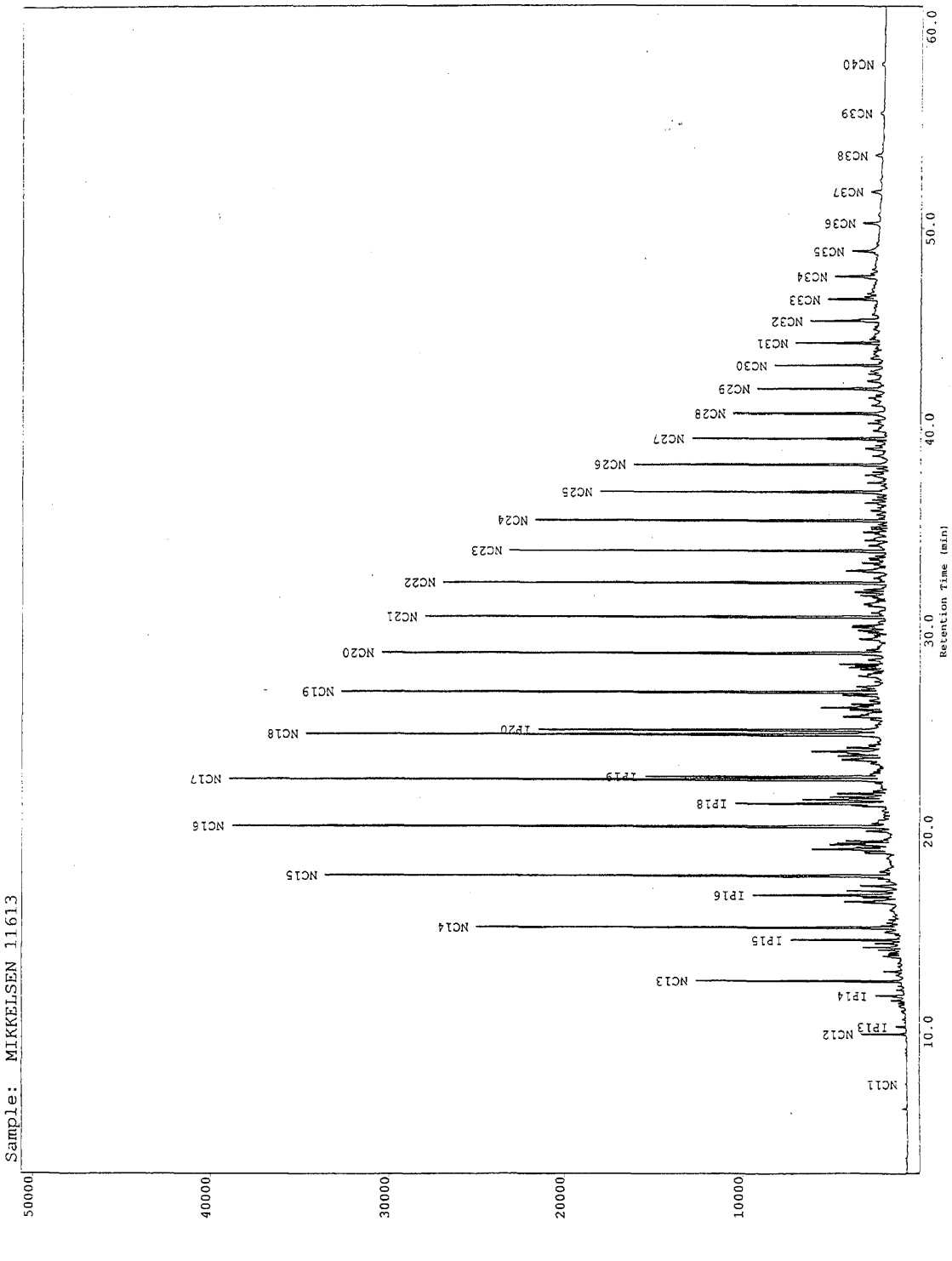
Ratios	
Pristane/Phytane	0.66
nC17/Pristane	2.41
nC18/Phytane	1.44
nC18/nC19	1.14
nC17/nC29	5.29
CPI Marzi[1]	0.97



[1]Thompson, K.F.M.,1983.GCA:V.47, p.303. [2]Mango, F.D.,1994.GCA: V.58, p.895. [3]Halpern,H.I.,1995,AAPG Bull.: V.79, p.801. [4]Marzi,1993,OrgG;20,1301.

Company BP
Sample MIKKELSEN 11613
File Name G6010595.D

Abbreviation	Compound	Time	Area	Height	Area %	Height %
NC9	Normal Alkane C9					
NC10	Normal Alkane C10					
IP11	Isoprenoid C11					
NC11	Normal Alkane C11	7.410	256	109	0.01	0.01
NC12	Normal Alkane C12	9.881	6237	2630	0.25	0.36
IP13	Isoprenoid C13	10.249	1706	627	0.07	0.09
IP14	Isoprenoid C14	11.797	4156	1686	0.17	0.23
NC13	Normal Alkane C13	12.516	29999	11803	1.23	1.61
IP15	Isoprenoid C15	14.552	16835	6340	0.69	0.86
NC14	Normal Alkane C14	15.169	67128	24101	2.74	3.28
IP16	Isoprenoid C16	16.778	29067	8260	1.19	1.12
NC15	Normal Alkane C15	17.749	98889	32381	4.04	4.40
NC16	Normal Alkane C16	20.226	120424	37336	4.92	5.08
IP18	Isoprenoid C18	21.377	35822	8744	1.46	1.19
NC17	Normal Alkane C17	22.585	119055	37250	4.86	5.07
IP19	Isoprenoid C19 (Pristane)	22.721	49345	13629	2.02	1.85
NC18	Normal Alkane C18	24.833	107089	32673	4.37	4.44
IP20	Isoprenoid C20 (Phytane)	25.053	74556	19461	3.05	2.65
NC19	Normal Alkane C19	26.938	93558	30788	3.82	4.19
NC20	Normal Alkane C20	28.876	89782	28547	3.67	3.88
NC21	Normal Alkane C21	30.673	77744	26135	3.18	3.56
NC22	Normal Alkane C22	32.353	70706	25166	2.89	3.42
NC23	Normal Alkane C23	33.932	61121	21383	2.50	2.91
NC24	Normal Alkane C24	35.433	56137	19879	2.29	2.70
NC25	Normal Alkane C25	36.858	47053	16201	1.92	2.20
NC26	Normal Alkane C26	38.222	43316	14360	1.77	1.95
NC27	Normal Alkane C27	39.529	32348	11073	1.32	1.51
NC28	Normal Alkane C28	40.785	25159	8675	1.03	1.18
NC29	Normal Alkane C29	41.999	22495	7210	0.92	0.98
NC30	Normal Alkane C30	43.170	17861	6164	0.73	0.84
NC31	Normal Alkane C31	44.304	15182	4898	0.62	0.67
NC32	Normal Alkane C32	45.402	12170	3972	0.50	0.54
NC33	Normal Alkane C33	46.479	9313	2889	0.38	0.39
NC34	Normal Alkane C34	47.623	9877	2413	0.40	0.33
NC35	Normal Alkane C35	48.873	7328	1532	0.30	0.21
NC36	Normal Alkane C36	50.262	4585	975	0.19	0.13
NC37	Normal Alkane C37	51.834	4023	599	0.16	0.08
NC38	Normal Alkane C38	53.651	2820	436	0.12	0.06
NC39	Normal Alkane C39	55.744	1796	235	0.07	0.03
NC40	Normal Alkane C40	58.187	1727	200	0.07	0.03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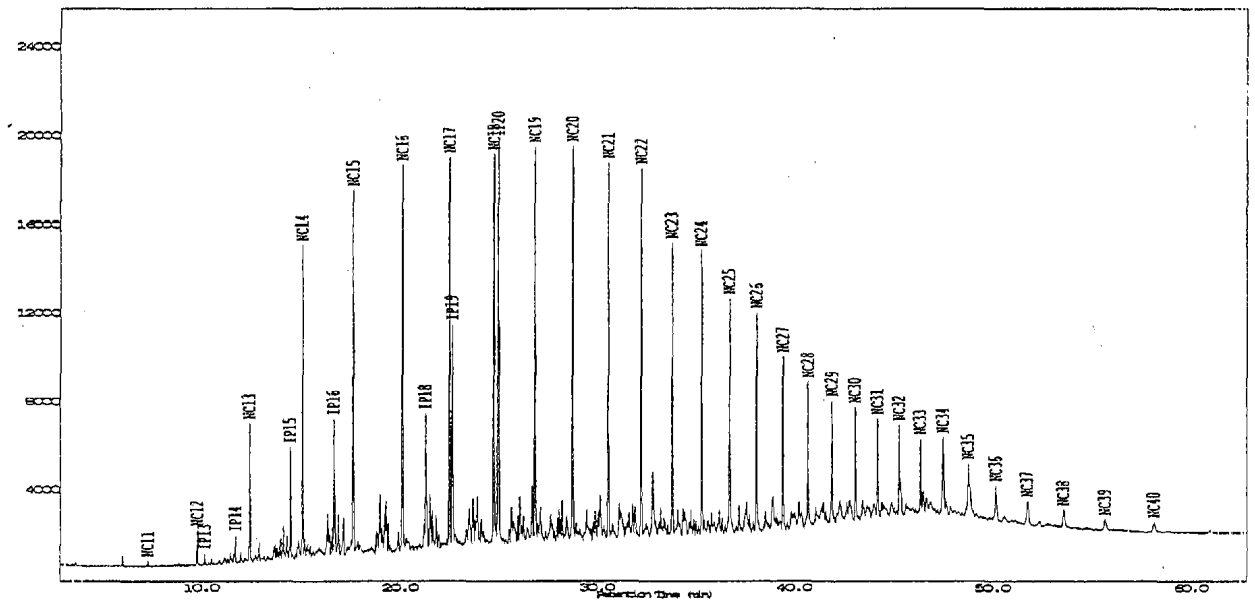
Date & Time: 12-Sep-01, 14:21:25

Company	BP
Sample	MIKKELSEN 11626
File Name	G6010590.D

Saturate Compositions:

Resolved Components(%)	
Normal Paraffins	43.0
Isoprenoids	9.5
Resolved unknowns	47.6

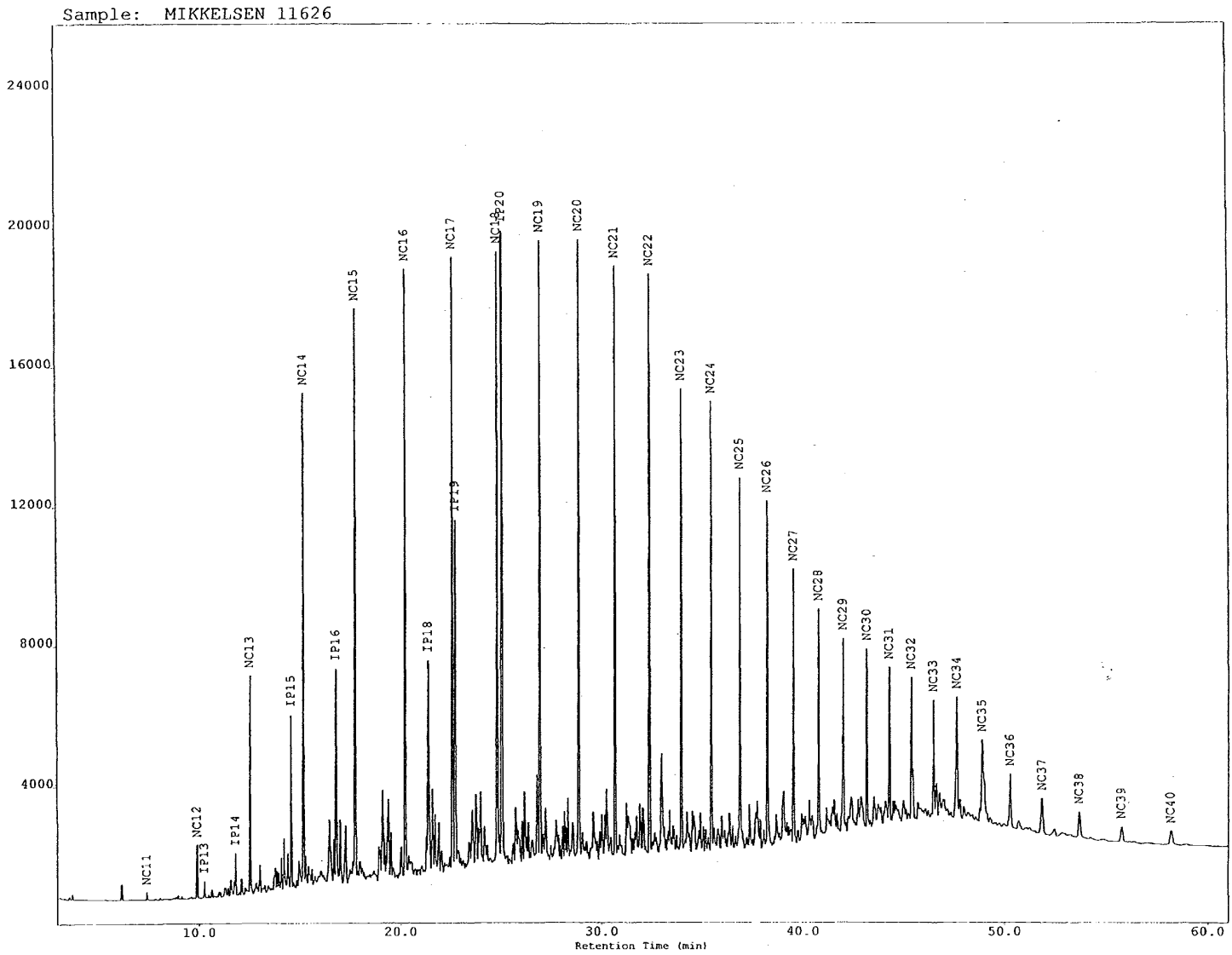
Ratios	
Pristane/Phytane	0.51
nC17/Pristane	1.46
nC18/Phytane	0.76
nC18/nC19	1.03
nC17/nC29	2.78
CPI Marzi[1]	0.99



[1]Thompson, K.F.M.,1983.GCA:V.47, p.303. [2]Mango, F.D.,1994.GCA: V.58, p.895. [3]Halpern,H.I.,1995,AAPG Bull.: V.79, p.801. [4]Marzi,1993,OrgG;20,1301.

Company BP
Sample MIKKELSEN 11626
File Name G6010590.D

Abbreviation	Compound	Time	Area	Height	Area %	Height %
NC9	Normal Alkane C9					
NC10	Normal Alkane C10					
IP11	Isoprenoid C11					
NC11	Normal Alkane C11	7.420	557	242	0.03	0.05
NC12	Normal Alkane C12	9.892	3834	1594	0.21	0.31
IP13	Isoprenoid C13	10.260	1407	506	0.08	0.10
IP14	Isoprenoid C14	11.808	3136	1250	0.17	0.24
NC13	Normal Alkane C13	12.523	16125	6289	0.89	1.21
IP15	Isoprenoid C15	14.562	13640	5070	0.75	0.98
NC14	Normal Alkane C14	15.169	39334	14263	2.18	2.75
IP16	Isoprenoid C16	16.783	21590	6225	1.19	1.20
NC15	Normal Alkane C15	17.742	48135	16525	2.66	3.19
NC16	Normal Alkane C16	20.213	51959	17507	2.88	3.38
IP18	Isoprenoid C18	21.381	24340	6156	1.35	1.19
NC17	Normal Alkane C17	22.575	52913	17631	2.93	3.40
IP19	Isoprenoid C19 (Pristane)	22.720	36281	10098	2.01	1.95
NC18	Normal Alkane C18	24.826	53771	17709	2.98	3.41
IP20	Isoprenoid C20 (Phytane)	25.060	70870	18245	3.92	3.52
NC19	Normal Alkane C19	26.933	52266	17856	2.89	3.44
NC20	Normal Alkane C20	28.873	54876	17850	3.04	3.44
NC21	Normal Alkane C21	30.672	48903	17103	2.71	3.30
NC22	Normal Alkane C22	32.355	46866	16793	2.59	3.24
NC23	Normal Alkane C23	33.936	39121	13356	2.17	2.58
NC24	Normal Alkane C24	35.436	36070	12905	2.00	2.49
NC25	Normal Alkane C25	36.863	32271	10686	1.79	2.06
NC26	Normal Alkane C26	38.229	29425	9993	1.63	1.93
NC27	Normal Alkane C27	39.539	22790	7880	1.26	1.52
NC28	Normal Alkane C28	40.798	19524	6593	1.08	1.27
NC29	Normal Alkane C29	42.011	19041	5594	1.05	1.08
NC30	Normal Alkane C30	43.184	15285	5161	0.85	1.00
NC31	Normal Alkane C31	44.319	14390	4495	0.80	0.87
NC32	Normal Alkane C32	45.418	12275	4124	0.68	0.80
NC33	Normal Alkane C33	46.495	10993	3432	0.61	0.66
NC34	Normal Alkane C34	47.638	15819	3497	0.88	0.67
NC35	Normal Alkane C35	48.897	12841	2416	0.71	0.47
NC36	Normal Alkane C36	50.285	7735	1585	0.43	0.31
NC37	Normal Alkane C37	51.863	6908	1048	0.38	0.20
NC38	Normal Alkane C38	53.682	5170	785	0.29	0.15
NC39	Normal Alkane C39	55.781	3418	467	0.19	0.09
NC40	Normal Alkane C40	58.233	3656	421	0.20	0.08



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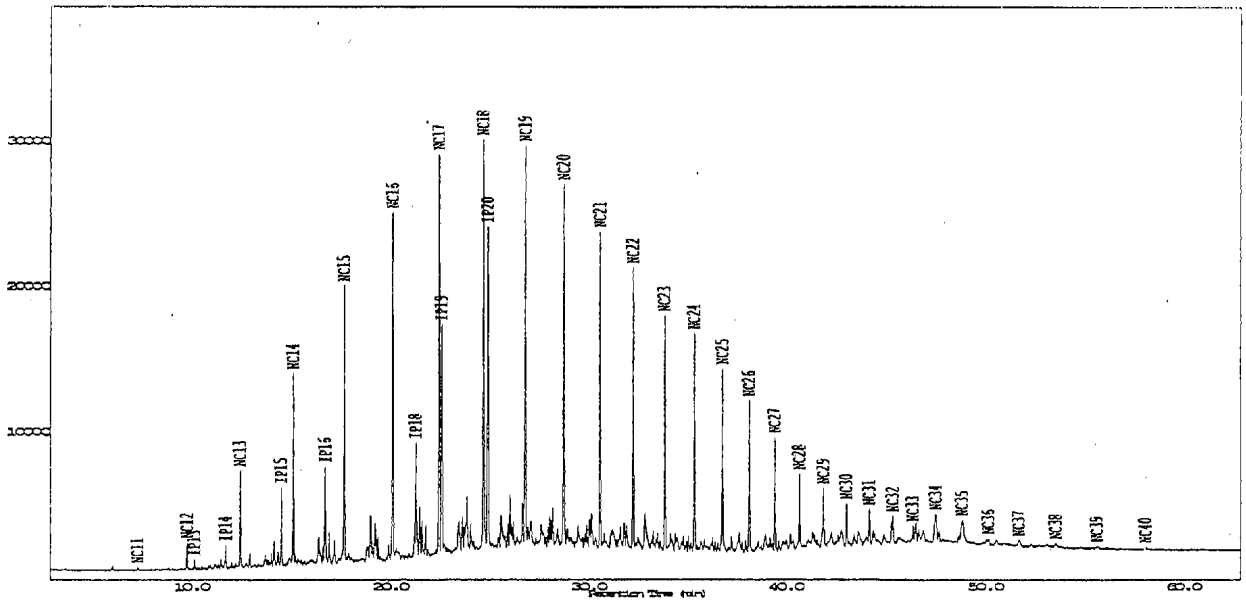
Date & Time: 11-Sep-01, 21:38:54

Company	BP
Sample	MIKKELSEN 11655
File Name	G6010596.D

Saturate Compositions:

Resolved Components(%)	
Normal Paraffins	43.5
Isoprenoids	10.5
Resolved unknowns	46.0

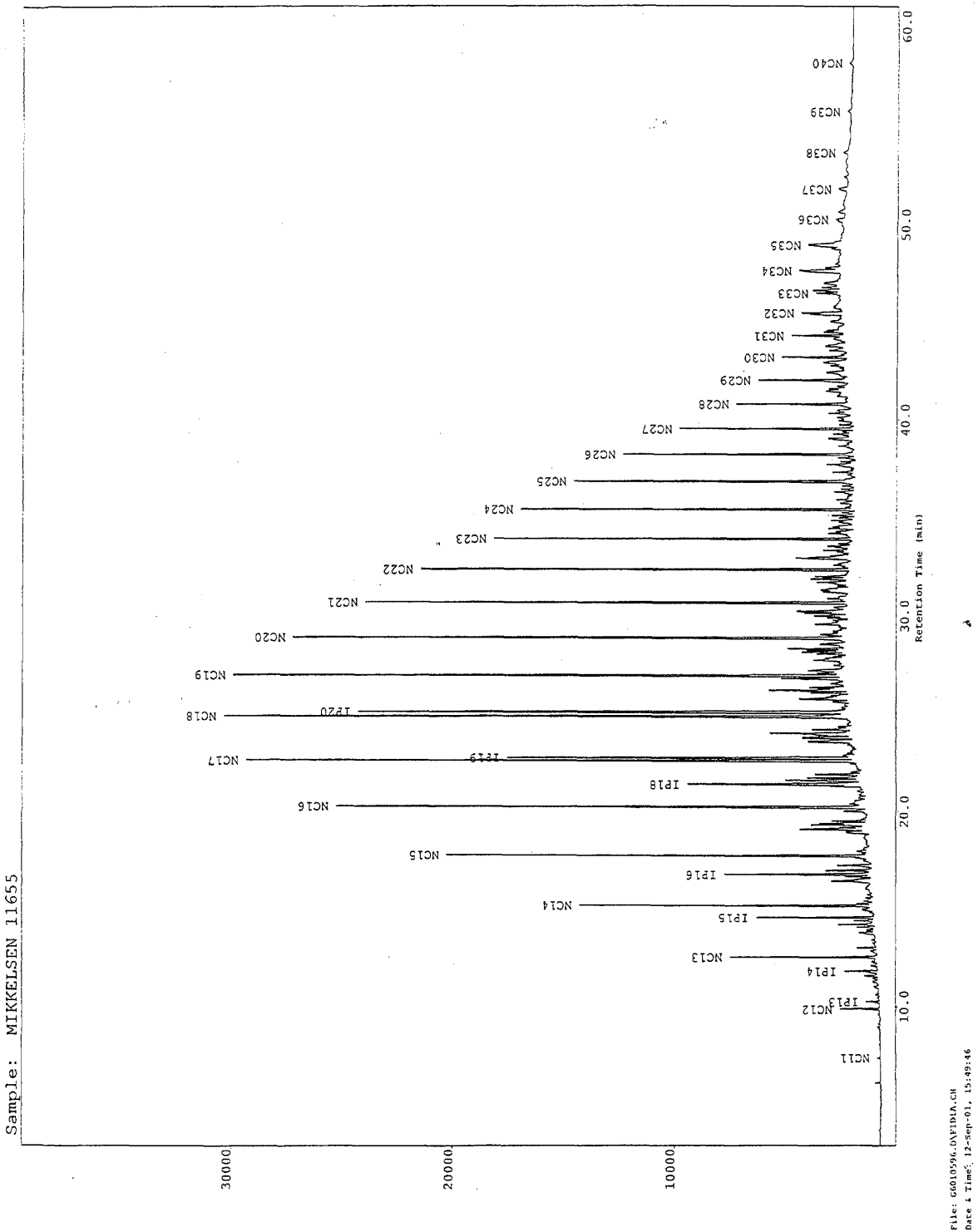
Ratios	
Pristane/Phytane	0.65
nC17/Pristane	1.49
nC18/Phytane	1.02
nC18/nC19	1.08
nC17/nC29	5.36
CPI Marzi[1]	1.01



[1]Thompson, K.F.M.,1983.GCA:V.47, p.303. [2]Mango, F.D.,1994.GCA: V.58, p.895. [3]Halpern,H.I.,1995,AAPG Bull.: V.79, p.801. [4]Marzi,1993,OrgG;20,1301.

Company BP
Sample MIKKELSEN 11655
File Name G6010596.D

Abbreviation	Compound	Time	Area	Height	Area %	Height %
NC9	Normal Alkane C9					
NC10	Normal Alkane C10					
IP11	Isoprenoid C11					
NC11	Normal Alkane C11	7.406	367	163	0.02	0.03
NC12	Normal Alkane C12	9.877	4401	1853	0.21	0.31
IP13	Isoprenoid C13	10.244	1790	652	0.09	0.11
IP14	Isoprenoid C14	11.793	3899	1560	0.19	0.26
NC13	Normal Alkane C13	12.508	17123	6716	0.82	1.11
IP15	Isoprenoid C15	14.545	14141	5415	0.67	0.89
NC14	Normal Alkane C14	15.152	36172	13281	1.72	2.19
IP16	Isoprenoid C16	16.768	23662	6728	1.13	1.11
NC15	Normal Alkane C15	17.729	55119	19156	2.63	3.16
NC16	Normal Alkane C16	20.206	72962	23998	3.48	3.96
IP18	Isoprenoid C18	21.370	31467	7962	1.50	1.31
NC17	Normal Alkane C17	22.570	85398	27647	4.07	4.56
IP19	Isoprenoid C19 (Pristane)	22.713	57302	15840	2.73	2.61
NC18	Normal Alkane C18	24.824	89361	28297	4.26	4.66
IP20	Isoprenoid C20 (Phytane)	25.052	87690	22263	4.18	3.67
NC19	Normal Alkane C19	26.932	82915	27834	3.95	4.59
NC20	Normal Alkane C20	28.869	77426	25125	3.69	4.14
NC21	Normal Alkane C21	30.665	62017	21909	2.96	3.61
NC22	Normal Alkane C22	32.345	54905	19483	2.62	3.21
NC23	Normal Alkane C23	33.924	44883	16213	2.14	2.67
NC24	Normal Alkane C24	35.424	42099	15062	2.01	2.48
NC25	Normal Alkane C25	36.850	37181	12619	1.77	2.08
NC26	Normal Alkane C26	38.215	31064	10467	1.48	1.73
NC27	Normal Alkane C27	39.523	22680	7872	1.08	1.30
NC28	Normal Alkane C28	40.779	15846	5230	0.76	0.86
NC29	Normal Alkane C29	41.992	15932	4145	0.76	0.68
NC30	Normal Alkane C30	43.164	9313	2975	0.44	0.49
NC31	Normal Alkane C31	44.302	8736	2454	0.42	0.40
NC32	Normal Alkane C32	45.469	7273	1933	0.35	0.32
NC33	Normal Alkane C33	46.473	4609	1275	0.22	0.21
NC34	Normal Alkane C34	47.618	12181	2036	0.58	0.34
NC35	Normal Alkane C35	48.940	11714	1600	0.56	0.26
NC36	Normal Alkane C36	50.256	1888	400	0.09	0.07
NC37	Normal Alkane C37	51.799	3429	395	0.16	0.07
NC38	Normal Alkane C38	53.644	2100	281	0.10	0.05
NC39	Normal Alkane C39	55.738	1397	170	0.07	0.03
NC40	Normal Alkane C40	58.180	1330	150	0.06	0.02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