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## RESERVOIR GEOCHEMISTRY

WELL: 34/8-5.

34/8-2541-4

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REGISTERT  
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Summary/Conclusion/Recommendation

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## 1. INTRODUCTION.

Well 34/8-5 was spudded on 18.02.1991, and reached total depth at 3540n RKB in the Triassic Lunde Fm. The well is located on the A-South segment in the Visund area, and was plugged and abandoned as a dry well. A well location map is given in Figure 1.1. The well penetrates strata from Quarternary to Late Triassic. A Well summary is given in Table 1.1.

The aim of this work was to perform a reservoir geochemistry study, And to integrate the results with the "PL120 Special geochemistry study", performed in 1992. A list of samples analyzed is given in Table 1.2, and a listing giving the well stratigraphy and average Rock Eval results for each formation is given in Table 1.3.

All analytical work, together with the interpretation of data and the compilation of this report were done at Norsk Hydro Research Center, Bergen , Norway.

All depths in this report are in m RKB MD.

## ANALYSIS PROGRAMME, WELL NOR:34/8-5

TABLE I. 2

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TABLE I.

ANALYSIS PROGRAMME, WELL NOR:34/8-5 (cont'd)



TABLE: 1.2

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**ANALYSIS PROGRAMME, WELL NOR:34/8-5 (cont'd)**

TABLE: 1.2

ANALYSIS PROGRAMME, WELL NOR-34/8-5 (cont'd)

Depth (m)	Lithology	Type	R-Ev	REEx	Extr	MPLC	Iatr	SatGC	PyGC	Isot	Biom	Vitr
2982.60	SST	COCH	1									
2983.35	SST	COCH	1									
2984.40	SST	COCH	1									
2986.65	SST	COCH	1									
2987.60	SST	COCH	1									
2988.60	SST	COCH	1									
2989.60	SST	COCH	1									
2990.70	SST	COCH	1									
2991.70	SST	COCH	1									
2992.75	SST	COCH	1		1	1	1	1	1	1		
2993.50	SST	COCH	1									
2994.60	SST	COCH	1									
2995.55	SST	COCH	1									
2996.50	SST	COCH	1									
2998.75	SST	COCH	1			1	1	1	1	1		
3354.50	SST	COCH	1									
3356.50	SST	COCH	1									
3357.75	SST	COCH	1									
3406.50	SST	COCH	1									
3407.80	SST	COCH	1									
3408.80	SST	COCH	1									
3410.50	SST	COCH	1									
3413.60	SST	COCH	1									
3414.50	SST	COCH	1									
3417.50	SST	COCH	1									

R-Ev = RockEval, MPLC = Separation, SatGC = Saturated GC, Isot = Isotope, Vitr = VRo(ave) %,  
Extr = Extraction, Iatr = Iatroscan, PyGC = Pyrolysis GC, Biom = Biomarkers, REEx = R-Ev on EXTRACT

TABLE: 1.3

STRATIGRAPHY, WELL NOR:34/8-5

	TOP (m)	BOTTOM (m)	Simple Mean							Weighted Mean			
			S1 (kg/t)	S2 (kg/t)	TOC (%)	HI	PI	Tmax	VRO	S1 (kg/t)	S2 (kg/t)	TOC (%)	HI
	2830.0	2837.5											
	2837.5	2855.0											
	2855.0	2890.0	1.6	0.5	0.3	154	0.7	418		1.6	0.4	0.3	153
	2890.0	2970.0	1.9	0.9	1.1	169	0.5	417	0.51	1.8	1.0	1.0	170
	2970.0	2983.0	4.7	1.6	0.9	200	0.5	410		4.9	1.6	0.8	231
	2983.0	3046.0	0.1	0.8			0.1		0.44	0.1	0.8	0.8	280
	3046.0	3048.5											
	3048.5	3122.0							0.51				
	3122.0	3219.0							0.47				
	3219.0	3248.5											
	3248.5	3383.5	0.0	0.7			0.0		0.50	0.0	0.8	0.8	280
	3383.5	3484.0	0.1	1.4	0.4	397	0.1			0.1	1.4	0.6	324
	3484.0	3540.0							0.54				

TABLE: 2.1

ROCK EVAL SCREENING DATA, WELL NOR:34/8-5

Depth (m)	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
2855.35	SST	COCH	425	1.7	0.2	0.3	74	0.88	F-BERGEN
2856.60	SST	COCH	421	2.9	0.6	0.4	136	0.83	F-BERGEN
2858.25	SST	COCH	424	1.5	0.4	0.4	111	0.79	F-BERGEN
2859.50	SST	COCH		0.7	0.3	0.1	208	0.72	F-BERGEN
2860.30	SST	COCH		0.7	0.5	0.3	165	0.58	F-BERGEN
2861.60	SST	COCH		0.7	0.1	0.2	87	0.85	F-BERGEN
2862.65	SST	COCH	416	3.7	0.7	0.7	106	0.84	F-BERGEN
2863.45	SST	COCH		2.8	1.4	0.6	239	0.67	F-BERGEN
2864.55	SST	COCH	422	1.9	0.4	0.3	142	0.81	F-BERGEN
2865.25	SST	COCH	422	2.0	0.4	0.3	145	0.81	F-BERGEN
2866.60	SST	COCH	424	1.3	0.4	0.2	150	0.78	F-BERGEN
2867.60	SST	COCH	422	1.6	0.4	0.3	165	0.79	F-BERGEN
2868.60	SST	COCH		1.5	0.6	0.3	238	0.70	F-BERGEN
2869.30	SST	COCH	416	1.3	0.4	0.3	169	0.74	F-BERGEN
2870.60	SST	COCH		1.1	0.5	0.2	232	0.68	F-BERGEN
2871.60	SST	COCH	417	1.3	0.4	0.3	152	0.77	F-BERGEN
2872.80	SST	COCH		1.6	0.4	0.3	136	0.81	F-BERGEN
2873.50	SST	COCH		3.0	0.4	0.4	98	0.87	F-BERGEN
2874.55	SST	COCH		4.2	0.7	0.6	105	0.86	F-BERGEN
2875.80	SST	COCH	414	1.8	0.4	0.3	148	0.82	F-BERGEN
2876.55	SST	COCH	411	5.4	1.0	0.7	148	0.85	F-BERGEN
2877.55	SST	COCH	407	1.3	0.3	0.3	112	0.83	F-BERGEN
2878.50	SST	COCH		1.4	0.2	0.4	54	0.87	F-BERGEN
2879.50	SST	COCH		1.2	0.3	0.3	108	0.82	F-BERGEN
2880.75	SST	COCH		0.8	0.2	0.2	105	0.79	F-BERGEN
2883.60	SST	COCH		1.1	0.5	0.3	204	0.68	F-BERGEN
2884.60	SST	COCH		0.8	0.5	0.2	252	0.61	F-BERGEN
2885.60	SST	COCH		0.8	0.6	0.2	229	0.60	F-BERGEN
2886.35	SST	COCH		0.9	0.6	0.3	230	0.59	F-BERGEN
2887.40	SST	COCH		0.4	0.2	0.1	192	0.65	F-BERGEN
2888.50	SST	COCH		0.2	0.2			0.43	F-BERGEN
2889.45	SST	COCH		0.2	0.3			0.39	F-BERGEN
2890.55	SST	COCH	434	2.7	7.7	5.6	136	0.26	F-BERGEN

TABLE: 2.1

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ROCK EVAL SCREENING DATA, WELL NOR:34/8-5 (cont'd)

Depth (m)	Lithology	Type	Tmax DegC	SI kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
2892.75	SST	COCH		0.3	0.6			0.29	F-BERGEN
2893.30	SST	COCH		0.6	0.9			0.40	F-BERGEN
2894.90	SST	COCH	441	1.1	0.3	0.2	165	0.77	F-BERGEN
2895.75	SST	COCH	422	1.1	0.3	0.3	125	0.76	F-BERGEN
2899.10	SST	COCH	432	0.4	1.1	1.8	62	0.25	F-BERGEN
2900.25	SST	COCH		0.2	0.3			0.41	F-BERGEN
2902.60	SST	COCH		0.2	0.3	0.2	150	0.39	F-BERGEN
2905.75	SST	COCH		0.5	0.3			0.64	F-BERGEN
2906.60	SST	COCH		0.3	0.5			0.40	F-BERGEN
2909.90	SST	COCH		0.2	0.3			0.44	F-BERGEN
2910.50	SST	COCH		0.1	0.2			0.39	F-BERGEN
2910.75	SST	COCH		0.3	0.3			0.55	F-BERGEN
2913.00	SST	COCH		0.6	0.3			0.65	F-BERGEN
2915.40	SST	COCH		0.0	0.1			0.30	F-BERGEN
2916.75	SST	COCH		0.3	0.2			0.61	F-BERGEN
2917.60	SST	COCH		0.6	0.5	0.3	184	0.56	F-BERGEN
2920.60	SST	COCH	426	9.5	2.8	1.3	214	0.77	GEOLABNOR
2921.75	SST	COCH	421	11.0	2.8	1.3	217	0.80	GEOLABNOR
2922.60	SST	COCH		0.3	0.4			0.46	F-BERGEN
2923.50	SST	COCH		0.3	0.2			0.54	F-BERGEN
2925.60	SST	COCH		0.5	0.2	0.1	150	0.77	F-BERGEN
2926.50	SST	COCH		0.7	0.3			0.68	F-BERGEN
2927.50	SST	COCH		0.7	0.2	0.1	175	0.77	F-BERGEN
2930.40	SST	COCH		0.7	0.3			0.68	F-BERGEN
2932.35	SST	COCH	418	1.1	0.4			0.75	F-BERGEN
2933.60	SST	COCH		0.7	0.4	0.2	174	0.65	F-BERGEN
2934.85	SST	COCH		1.0	0.4	0.2	210	0.71	F-BERGEN
2935.60	SST	COCH		0.5	0.5			0.50	F-BERGEN
2936.25	SST	COCH		0.3	0.4			0.41	F-BERGEN
2937.60	SST	COCH		0.4	0.5			0.43	F-BERGEN
2938.55	SST	COCH		0.3	0.4			0.39	F-BERGEN
2939.50	SST	COCH		0.2	0.4			0.34	F-BERGEN
2940.90	SST	COCH		0.2	0.3			0.46	F-BERGEN

TABLE: 2.1

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## ROCK EVAL SCREENING DATA, WELL NOR:34/8-5 (cont'd)

Depth (m)	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
2941.50	SST	COCH	378	11.6	2.3	1.3	186	0.83	GEOLABNOR
2942.40	SST	COCH		0.3	0.4			0.41	F-BERGEN
2943.50	SST	COCH		0.3	0.6			0.33	F-BERGEN
2944.50	SST	COCH		0.2	0.7			0.22	F-BERGEN
2945.50	SST	COCH		0.2	0.4			0.30	F-BERGEN
2946.80	SST	COCH		0.2	1.0			0.19	F-BERGEN
2947.60	SST	COCH		0.2	0.4			0.39	F-BERGEN
2948.30	SST	COCH		0.3	1.0			0.26	F-BERGEN
2949.55	SST	COCH		0.3	0.8			0.27	F-BERGEN
2950.35	SST	COCH		0.3	0.9			0.24	F-BERGEN
2951.50	SST	COCH	447	1.6	1.1			0.60	F-BERGEN
2952.50	SST	COCH	431	1.1	1.5	0.8	190	0.43	F-BERGEN
2959.50	SST	COCH		0.2	1.0			0.17	F-BERGEN
2959.75	SST	COCH		0.5	0.9			0.37	F-BERGEN
2960.60	SST	COCH		0.6	0.8			0.44	F-BERGEN
2961.75	SST	COCH	419	7.9	1.3	0.8	152	0.86	GEOLABNOR
2966.90	SST	COCH	421	4.1	1.5	0.6	261	0.74	F-BERGEN
2967.25	SST	COCH	427	15.6	7.5	3.2	235	0.67	GEOLABNOR
2968.50	SST	COCH	381	8.2	1.2	0.9	137	0.87	GEOLABNOR
2969.50	SST	COCH	365	8.7	0.9	0.8	111	0.91	GEOLABNOR
2970.50	SST	COCH	383	10.1	1.8	1.0	172	0.85	GEOLABNOR
2971.50	SST	COCH	418	6.9	1.5	0.8	200	0.82	F-BERGEN
2972.25	SST	COCH	362	9.5	1.3	0.9	140	0.88	GEOLABNOR
2973.50	SST	COCH	425	7.8	1.7	0.8	200	0.82	F-BERGEN
2974.50	SST	COCH	425	9.1	2.0	1.0	204	0.82	F-BERGEN
2975.75	SST	COCH	422	7.4	1.7	0.8	205	0.82	F-BERGEN
2976.65	SST	COCH	422	7.8	1.7	0.8	204	0.82	F-BERGEN
2977.50	SST	COCH	426	6.5	2.2	0.8	281	0.75	F-BERGEN
2977.90	SST	COCH		0.2	1.5			0.10	F-BERGEN
2978.50	SST	COCH		0.1	1.5			0.03	F-BERGEN
2979.50	SST	COCH		0.2	1.8			0.08	F-BERGEN
2980.25	SST	COCH		0.2	1.5			0.14	F-BERGEN
2981.50	SST	COCH		0.1	1.5			0.08	F-BERGEN



TABLE: 2.1

ROCK EVAL SCREENING DATA, WELL NOR:34/8-5 (cont'd)

Depth (m)	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
2982.60	SST	COCH		0.2	1.3		0.14		F-BERGEN
2983.35	SST	COCH		0.3	1.2		0.17		F-BERGEN
2984.40	SST	COCH		0.3	1.3		0.16		F-BERGEN
2986.65	SST	COCH		0.2	1.4		0.12		F-BERGEN
2987.60	SST	COCH		0.1	1.5		0.08		F-BERGEN
2988.60	SST	COCH		0.1	1.4		0.08		F-BERGEN
2989.60	SST	COCH		0.0	0.1		0.00		F-BERGEN
2990.70	SST	COCH		0.1	1.2		0.06		F-BERGEN
2991.70	SST	COCH		0.1	0.7		0.07		F-BERGEN
2992.75	SST	COCH		0.5	0.3		0.59		F-BERGEN
2993.50	SST	COCH		0.0	0.6		0.02		F-BERGEN
2994.60	SST	COCH		0.0	0.6		0.05		F-BERGEN
2995.55	SST	COCH		0.0	0.2		0.00		F-BERGEN
2996.50	SST	COCH		0.0	0.2		0.00		F-BERGEN
2998.75	SST	COCH		0.0	0.1		0.19		F-BERGEN
3354.50	SST	COCH		0.0	0.9		0.01		F-BERGEN
3356.50	SST	COCH		0.0	0.8		0.03		F-BERGEN
3357.75	SST	COCH		0.1	0.6		0.08		F-BERGEN
3406.50	SST	COCH		0.1	1.6		0.03		F-BERGEN
3407.80	SST	COCH		0.0	1.8		0.02		F-BERGEN
3408.80	SST	COCH		0.1	1.2		0.09		F-BERGEN
3410.50	SST	COCH		0.1	1.1		0.06		F-BERGEN
3413.60	SST	COCH		0.1	0.9		0.09		F-BERGEN
3414.50	SST	COCH		0.2	1.7	0.4 398	0.09		F-BERGEN
3417.50	SST	COCH		0.2	1.5		0.11		F-BERGEN

Table 2.2 Porosity and heavy hydrocarbon saturation versus depth.

Depth	Porosity	% SH(re)									
2855.35	8.80	6.55	2889.45	22.50	0.60	2937.60	27.20	0.86	2977.50	26.20	8.73
2856.60	23.70	3.98	2890.55	10.30	30.73	2938.55	23.90	0.79	2977.90	26.20	1.71
2858.25	20.10	2.64	2892.75	22.60	1.08	2939.50	26.50	0.59	2978.50	27.00	1.56
2859.60	27.60	0.94	2893.30	24.50	1.65	2940.90	27.20	0.48	2979.50	28.10	1.84
2860.30	23.40	1.37	2894.90	28.20	1.28	2941.50	28.50	12.51	2980.25	14.50	3.36
2861.60	23.90	0.90	2895.75	20.70	1.88	2942.40	23.90	0.79	2981.50	25.40	1.67
2862.65	25.40	4.67	2899.10	13.30	3.31	2943.50	30.00	0.76	2982.60	24.40	1.65
2863.45	24.30	4.65	2900.25	26.40	0.50	2944.50	23.70	1.02	2983.35	23.40	1.76
2864.55	24.80	2.49	2902.60	23.10	0.58	2945.50	25.80	0.64	2984.40	21.70	2.04
2865.25	22.80	2.84	2905.75	25.00	0.85	2946.80	27.10	1.16	2986.65	24.90	1.72
2866.60	25.70	1.76	2906.60	25.90	0.82	2947.60	26.10	0.61	2987.60	24.80	1.73
2867.60	27.50	1.90	2909.90	23.80	0.56	2948.30	24.00	1.46	2988.60	23.70	1.72
2868.60	23.60	2.41	2910.50	22.80	0.36	2949.55	23.50	1.27	2989.60	13.00	0.23
2869.30	23.20	1.92	2910.75	23.40	0.69	2950.35	22.90	1.44	2990.70	19.80	1.86
2870.60	25.10	1.70	2913.00	23.40	1.03	2951.50	22.20	3.32	2991.70	24.40	0.88
2871.60	24.10	1.90	2915.40	21.80	0.12	2952.50	20.90	3.44	2992.75	5.10	4.86
2872.80	17.80	3.26	2916.75	23.30	0.58	2959.50	25.90	1.23	2993.50	22.30	0.74
2873.50	23.20	4.10	2917.60	24.10	1.22	2969.75	26.20	1.41	2994.60	23.60	0.69
2874.55	22.90	6.01	2920.60	18.00	19.25	2960.60	26.70	1.38	2995.55	6.20	1.01
2875.80	30.00	1.88	2921.75	23.20	15.98	2961.75	26.80	8.95	2996.50	9.40	0.64
2876.55	28.80	5.78	2922.60	24.10	0.77	2966.90	28.70	5.06	2998.75	5.60	0.55
2877.55	29.00	1.43	2923.50	26.10	0.50	2967.25	28.70	20.76	3354.50	22.30	1.10
2878.60	25.20	1.73	2925.60	27.90	0.66	2968.50	29.50	8.14	3356.50	24.30	0.89
2879.50	28.30	1.40	2926.50	24.00	1.12	2969.50	29.80	8.19	3357.75	18.00	1.13
2880.75	25.90	1.04	2927.50	27.40	0.85	2970.50	29.30	10.36	3406.50	20.60	2.24
2883.60	27.90	1.52	2930.40	27.40	0.94	2971.50	25.50	8.64	3407.80	22.90	2.10
2884.60	27.50	1.25	2932.35	27.10	1.44	2972.25	29.20	9.44	3408.80	23.60	1.47
2885.60	27.00	1.39	2933.60	20.40	1.49	2973.50	28.00	8.77	3410.50	22.20	1.46
2886.35	25.80	1.56	2934.85	25.70	1.43	2974.50	20.60	14.70	3413.60	9.10	3.25
2887.40	25.50	0.62	2935.60	28.10	0.92	2975.75	25.70	9.34	3414.50	16.20	3.29
2888.50	23.80	0.45	2936.25	28.90	0.62	2976.65	16.10	16.61	3417.50	19.20	2.45

TABLE: 2.3

EXTRACTION/DEASPHALTING DATA (SEDIMENTS), WELL NOR:34/8-5

Depth (m)	Lithology	Type	Rock (g)	EOM (mg)	ASP (mg)	EOM (%)	ASP (%)	EOM (ppm)	TOC (%)	EOM/TOC (%)	Analysing Company
2855.35	SST	COCH	15.5	49.2	3.3	0.32	6.7	3200	0.3	1.0	F-BERGEN
2862.65	SST	COCH	11.4	62.5	4.2	0.55	6.7	5500	0.7	0.8	F-BERGEN
2867.60	SST	COCH	17.2	56.7	3.4	0.33	6.0	3300	0.3	1.3	F-BERGEN
2872.80	SST	COCH	17.6	57.0	3.1	0.32	5.4	3200	0.3	1.2	F-BERGEN
2876.55	SST	COCH	5.3	45.1	1.9	0.84	4.2	8400	0.7	1.3	F-BERGEN
2884.60	SST	COCH	22.7	49.5	2.8	0.22	5.7	2200	0.2	1.0	F-BERGEN
2887.40	SST	COCH	20.8	24.4	2.0	0.12	8.2	1200	0.1	1.0	F-BERGEN
2894.90	SST	COCH	15.9	36.9	1.8	0.23	4.9	2300	0.2	1.2	F-BERGEN
2905.75	SST	COCH	15.0	19.7	1.3	0.13	6.6	1300	0.2	0.7	F-BERGEN
2913.00	SST	COCH	22.7	39.9	3.0	0.18	7.5	1800	0.2	0.9	F-BERGEN
2921.75	SST	COCH	10.0	128.5	9.5	1.28	7.4	12900	1.3	1.0	GEOLABNOR
2925.60	SST	COCH	22.7	36.9	3.3	0.16	8.9	1600	0.1	1.6	F-BERGEN
2932.35	SST	COCH	15.9	36.0	1.6	0.23	4.4	2300	0.1	2.3	F-BERGEN
2937.60	SST	COCH	14.7	14.6	1.1	0.10	7.5	1000	0.1	1.0	F-BERGEN
2941.50	SST	COCH	10.0	108.2	8.8	1.08	8.1	10800	1.3	0.9	GEOLABNOR
2947.60	SST	COCH	21.5	16.1	1.3	0.07	8.1	700	1.3	0.1	F-BERGEN
2951.50	SST	COCH	18.1	43.5	2.6	0.24	6.0	2400	1.3	0.2	F-BERGEN
2959.75	SST	COCH	15.5	17.3	1.2	0.11	6.9	1100	1.3	0.1	F-BERGEN
2961.75	SST	COCH	10.0	102.6	7.4	1.03	7.2	10300	0.8	1.2	GEOLABNOR
2969.50	SST	COCH	10.0	125.4	8.8	1.25	7.0	12500	0.8	1.5	GEOLABNOR
2974.50	SST	COCH	5.5	61.5	1.8	1.12	2.9	11200	1.0	1.1	F-BERGEN
2977.50	SST	COCH	7.4	60.1	1.6	0.81	2.7	8100	0.8	1.0	F-BERGEN
2977.90	SST	COCH	21.8	4.5	0.5	0.02	11.1	200	0.8	0.0	F-BERGEN
2992.75	SST	COCH	23.0	17.9	0.4	0.08	2.2	800	0.8	0.1	F-BERGEN
2998.75	SST	COCH	22.3	3.3	0.5	0.01	15.2	100	0.8	0.0	F-BERGEN

TABLE: 2.4

(all values in %)

COMPOSITION OF DEASPHALTED EXTRACT (IATROSCAN), WELL NGR:34/8-5

Depth (m)	Lithology	Type	Hydrocarbons				Non-HC TOTAL	TOTAL HC/Non-HC	Analysing Company
			SAT	ARO	TOTAL	SAT/ARO			
2855.35	SST	COCH	47.3	26.0	73.3	1.8	26.7	2.7	F-BERGEN
2862.65	SST	COCH	51.5	26.2	77.7	2.0	22.3	3.5	F-BERGEN
2867.60	SST	COCH	45.9	26.5	72.4	1.7	27.6	2.6	F-BERGEN
2872.80	SST	COCH	46.8	23.6	70.4	2.0	29.6	2.4	F-BERGEN
2876.55	SST	COCH	51.3	26.9	78.2	1.9	21.8	3.6	F-BERGEN
2884.60	SST	COCH	53.2	29.0	82.2	1.8	17.8	4.6	F-BERGEN
2887.40	SST	COCH	56.2	25.2	81.4	2.2	18.6	4.4	F-BERGEN
2894.90	SST	COCH	47.8	29.4	77.2	1.6	22.8	3.4	F-BERGEN
2905.75	SST	COCH	52.3	22.2	74.5	2.4	25.5	2.9	F-BERGEN
2913.00	SST	COCH	55.0	26.7	81.7	2.1	18.3	4.5	F-BERGEN
2925.60	SST	COCH	38.6	19.1	57.7	2.0	42.3	1.4	F-BERGEN
2932.35	SST	COCH	53.0	22.6	75.6	2.3	24.4	3.1	F-BERGEN
2937.60	SST	COCH	51.4	20.0	71.4	2.6	28.6	2.5	F-BERGEN
2947.60	SST	COCH	41.7	19.9	61.6	2.1	38.4	1.6	F-BERGEN
2951.50	SST	COCH	48.9	19.5	68.4	2.5	31.6	2.2	F-BERGEN
2959.75	SST	COCH	44.7	11.8	56.5	3.8	43.5	1.3	F-BERGEN
2974.50	SST	COCH	51.7	29.4	81.1	1.8	18.9	4.3	F-BERGEN
2977.50	SST	COCH	55.6	21.1	76.7	2.6	23.3	3.3	F-BERGEN
2977.90	SST	COCH	25.8	19.8	45.6	1.3	54.4	0.8	F-BERGEN
2992.75	SST	COCH	59.5	4.9	64.4	12.1	35.6	1.8	F-BERGEN
2998.75	SST	COCH	17.0	14.7	31.7	1.2	68.3	0.5	F-BERGEN

TABLE: 2.5

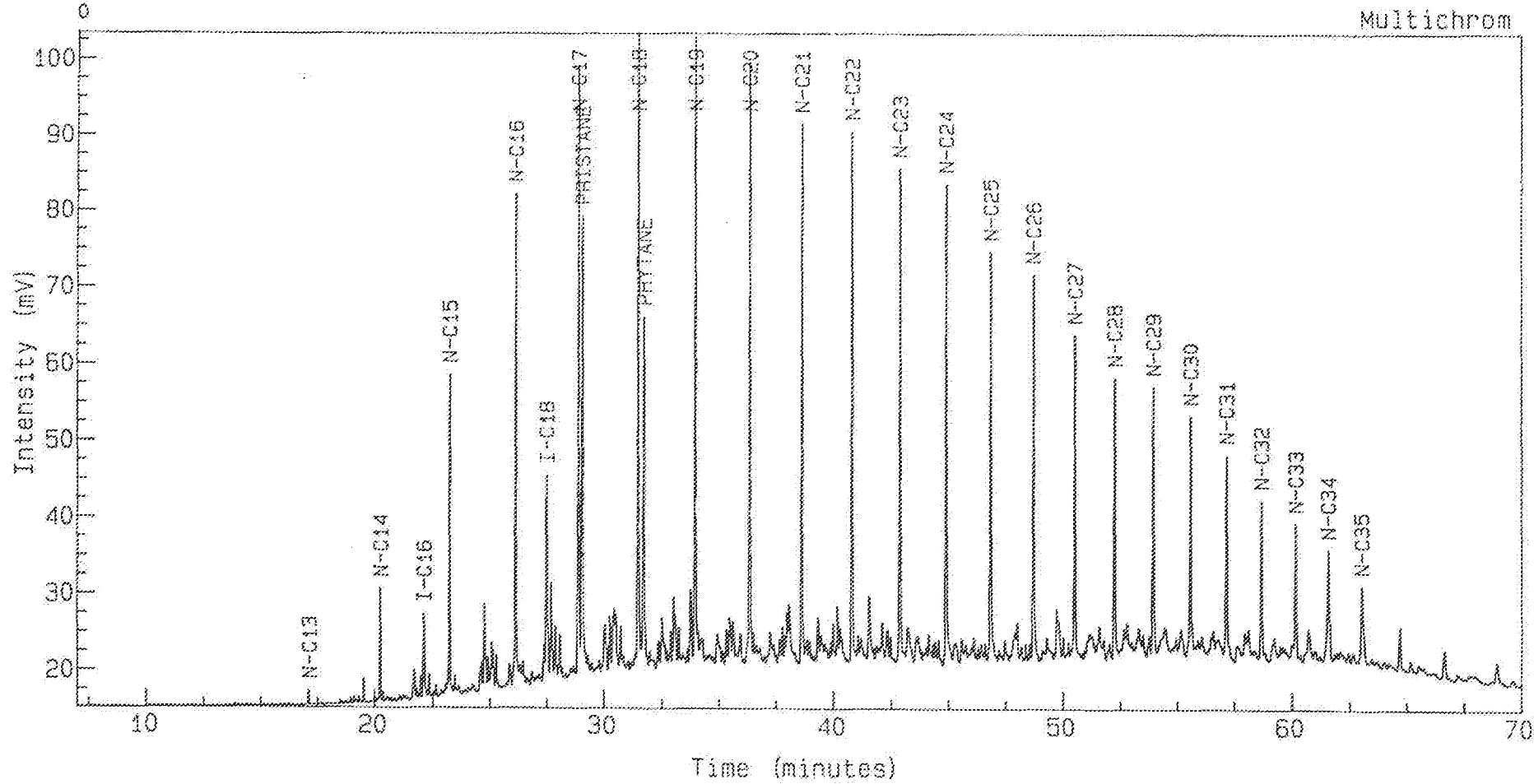
SATURATED FRACTION MOLECULAR RATIOS (SEDIMENT SAMPLES), WELL NOR:34/8-5

Depth (m)	Lithology	Type	Pristane/ nC17	Pristane/ Phytane	CPI-I	CPI-II	nC17/ nC17+nC27	Analysing Company
2855.35	SST	COCH	1.0	1.2	1.0	1.0		F-BERGEN
2862.65	SST	COCH	1.0	1.2	1.0	1.0		F-BERGEN
2867.60	SST	COCH	1.1	1.3	1.0	1.0		F-BERGEN
2872.80	SST	COCH	1.0	1.3	1.0	1.0		F-BERGEN
2876.55	SST	COCH	0.9	1.2	1.0	1.0		F-BERGEN
2884.60	SST	COCH	0.9	1.2	1.0	1.0		F-BERGEN
2887.40	SST	COCH	1.1	1.1	1.0	1.0		F-BERGEN
2894.90	SST	COCH	1.1	1.3	1.0	1.0		F-BERGEN
2905.75	SST	COCH	1.2	1.5	1.0	1.0		F-BERGEN
2913.00	SST	COCH	1.5	1.3	1.0	0.8		F-BERGEN
2921.75	SST	COCH	1.9	1.5	1.3	0.8		GEOLABNOR
2925.60	SST	COCH	3.7	1.4	1.0	0.7		F-BERGEN
2932.35	SST	COCH	2.1	1.2	1.0	0.8		F-BERGEN
2937.60	SST	COCH	4.8	1.0	1.1	0.9		F-BERGEN
2941.50	SST	COCH	1.8	1.4	1.2	0.8		GEOLABNOR
2947.60	SST	COCH	2.9	1.5	0.8	0.9		F-BERGEN
2951.50	SST	COCH	4.5	1.5	1.1	0.6		F-BERGEN
2959.75	SST	COCH	5.3	1.1	1.0	1.0		F-BERGEN
2961.75	SST	COCH	2.7	2.5	1.6	0.9		GEOLABNOR
2969.50	SST	COCH	3.1	1.5	1.5	0.7		GEOLABNOR
2974.50	SST	COCH	3.6	1.3	1.0	0.7		F-BERGEN
2977.50	SST	COCH	4.0	1.4	0.9	0.7		F-BERGEN
2977.90	SST	COCH	4.5	3.0	1.5	0.8		F-BERGEN
2992.75	SST	COCH	0.8	0.8	1.4	0.0		F-BERGEN
2998.75	SST	COCH	0.6	1.1	1.1	1.0		F-BERGEN

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 2, 1.

2855.35

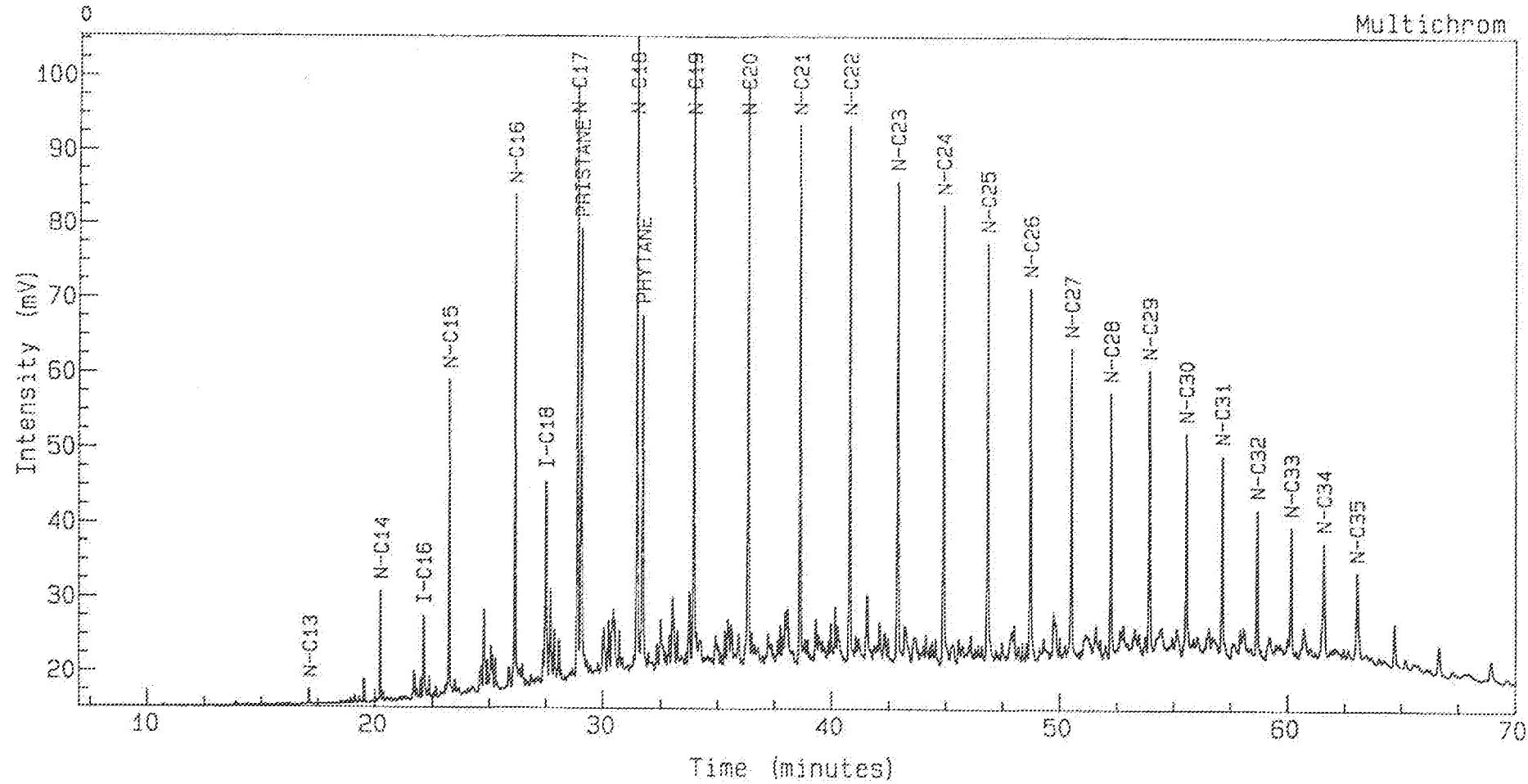


Instrument : HP5890  
Channel Title : HP MSD  
Lims ID : 53122  
Acquired on 10-AUG-1993 at 12:16  
Reported on 22-SEP-1993 at 10:34

Method : MSDS  
Calibration : MSDS  
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 3, 1.  
2862.65

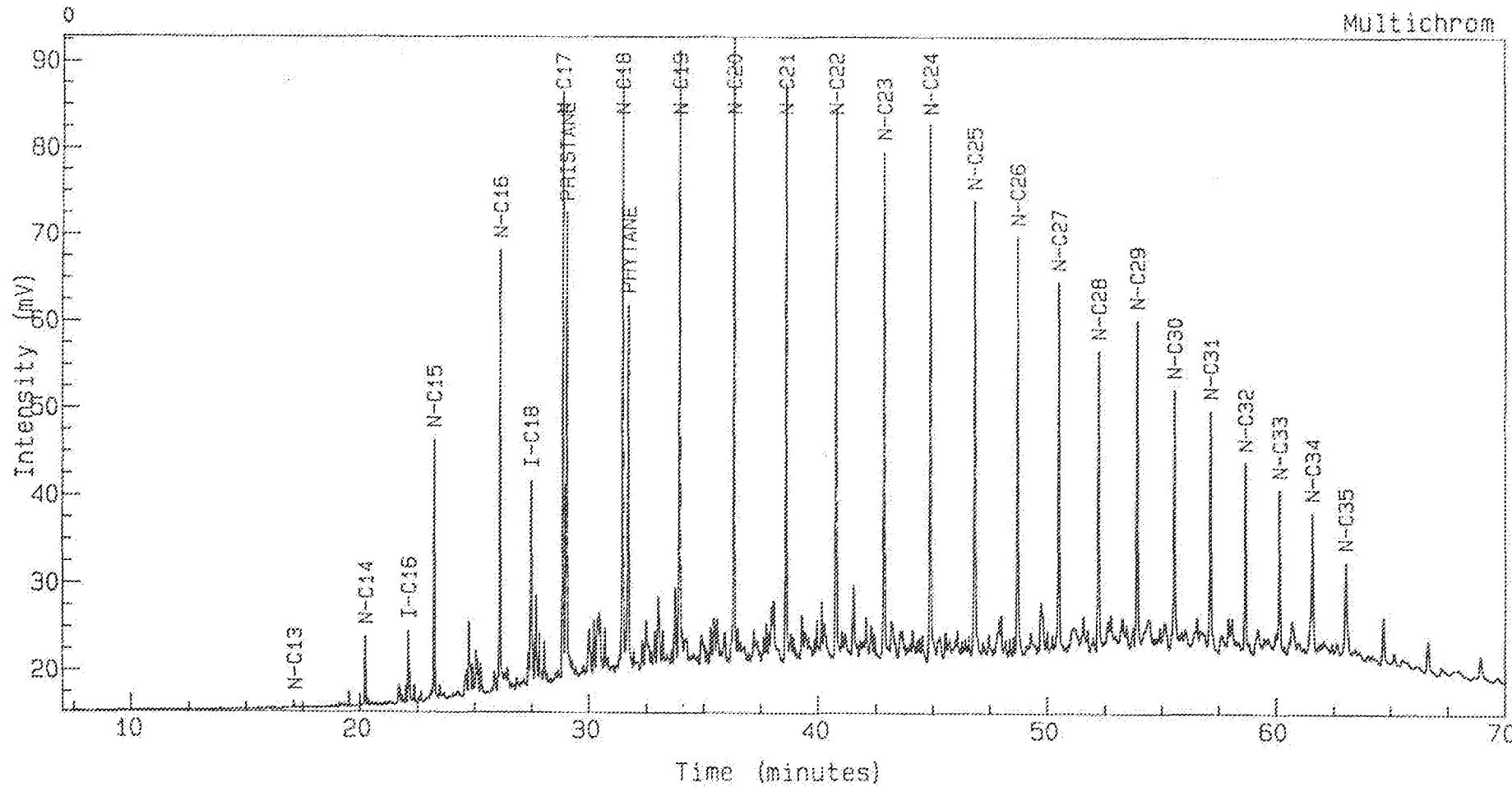


Instrument : HP5890  
Channel Title : HP MSD  
Lims ID : 53128  
Acquired on 10-AUG-1993 at 13:45  
Reported on 22-SEP-1993 at 10:34

Method : MSDS  
Calibration : MSDS  
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 4, 1.  
2867.60

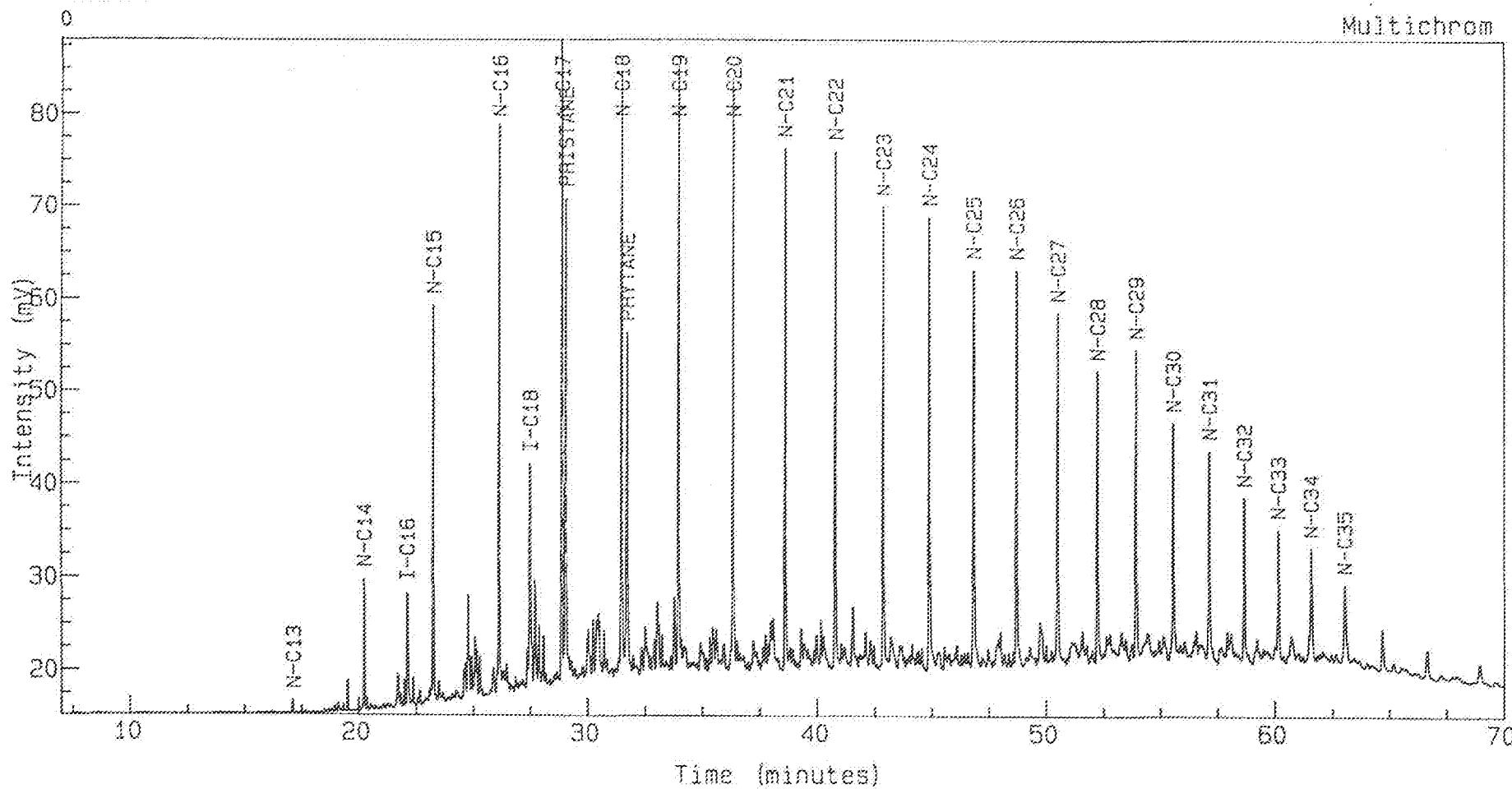


Instrument : HP5890  
Channel Title : HP MSD  
Lims ID : 53133  
Acquired on 10-AUG-1993 at 13:13  
Reported on 22-SEP-1993 at 10:34

Method : MSDS  
Calibration : MSDS  
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 5, 1.  
2872.80

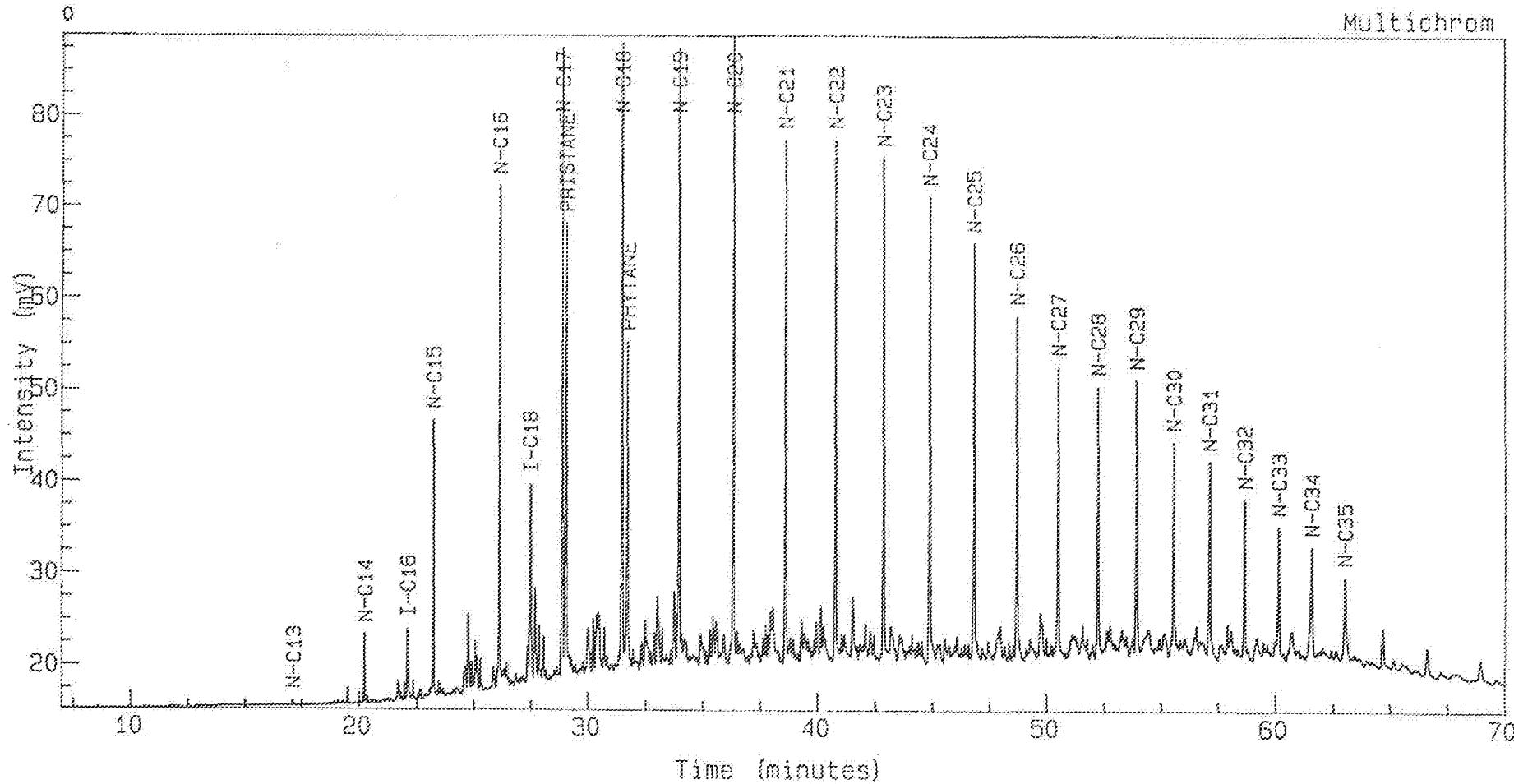


Instrument : HP5890  
Channel Title : HP MSD  
Lims ID : 53138  
Acquired on 10-AUG-1993 at 16:42  
Reported on 22-SEP-1993 at 10:35

Method : MSDS  
Calibration : MSDS  
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 6, 1.  
2878.55

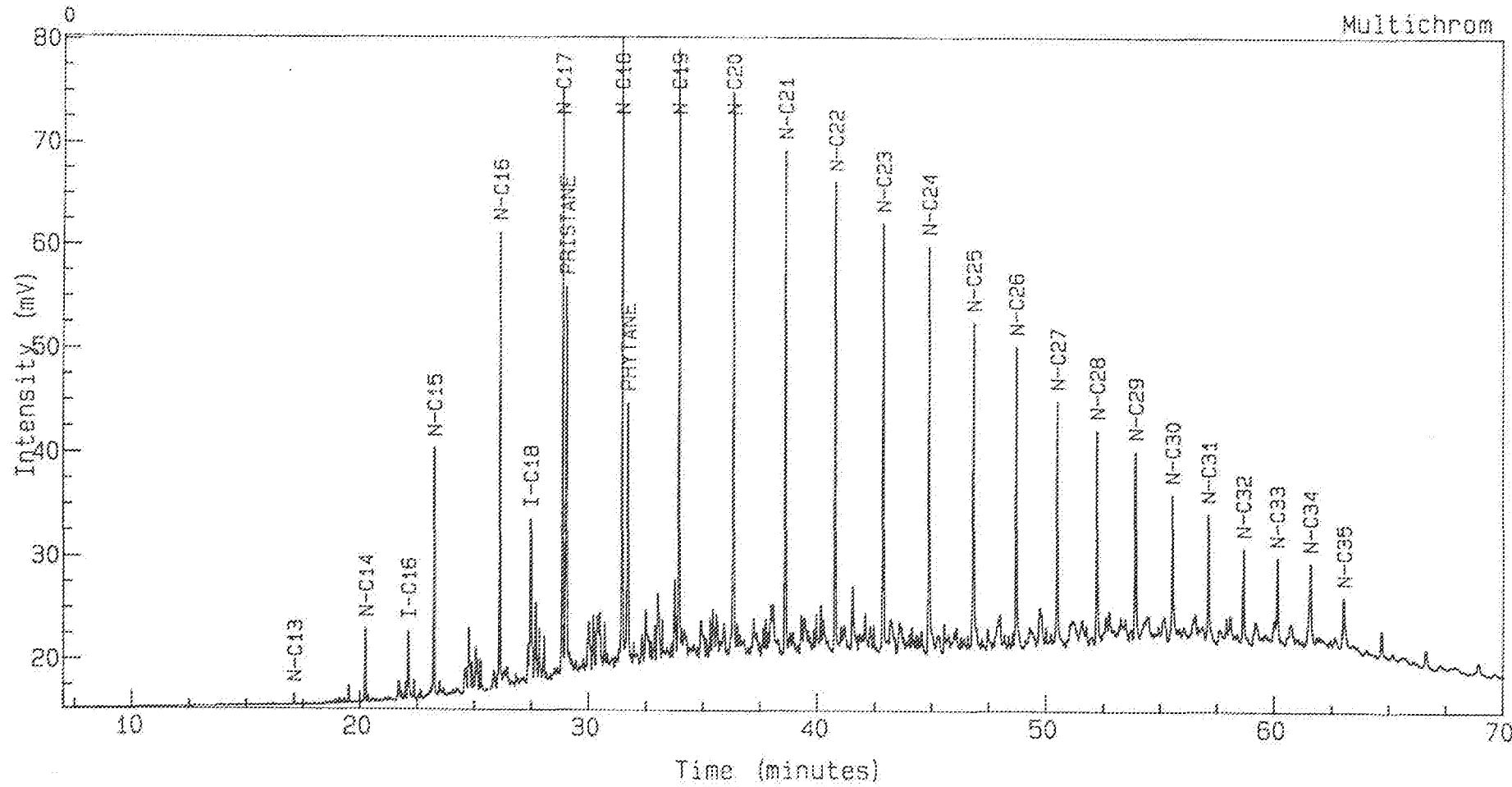


Instrument : HP5890  
Channel Title : HP MSD  
Lims ID : 53483  
Acquired on 10-AUG-1993 at 18:10  
Reported on 22-SEP-1993 at 10:35

Method : MSDS  
Calibration : MSDS  
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A3408055, 7, 1.  
2884,60

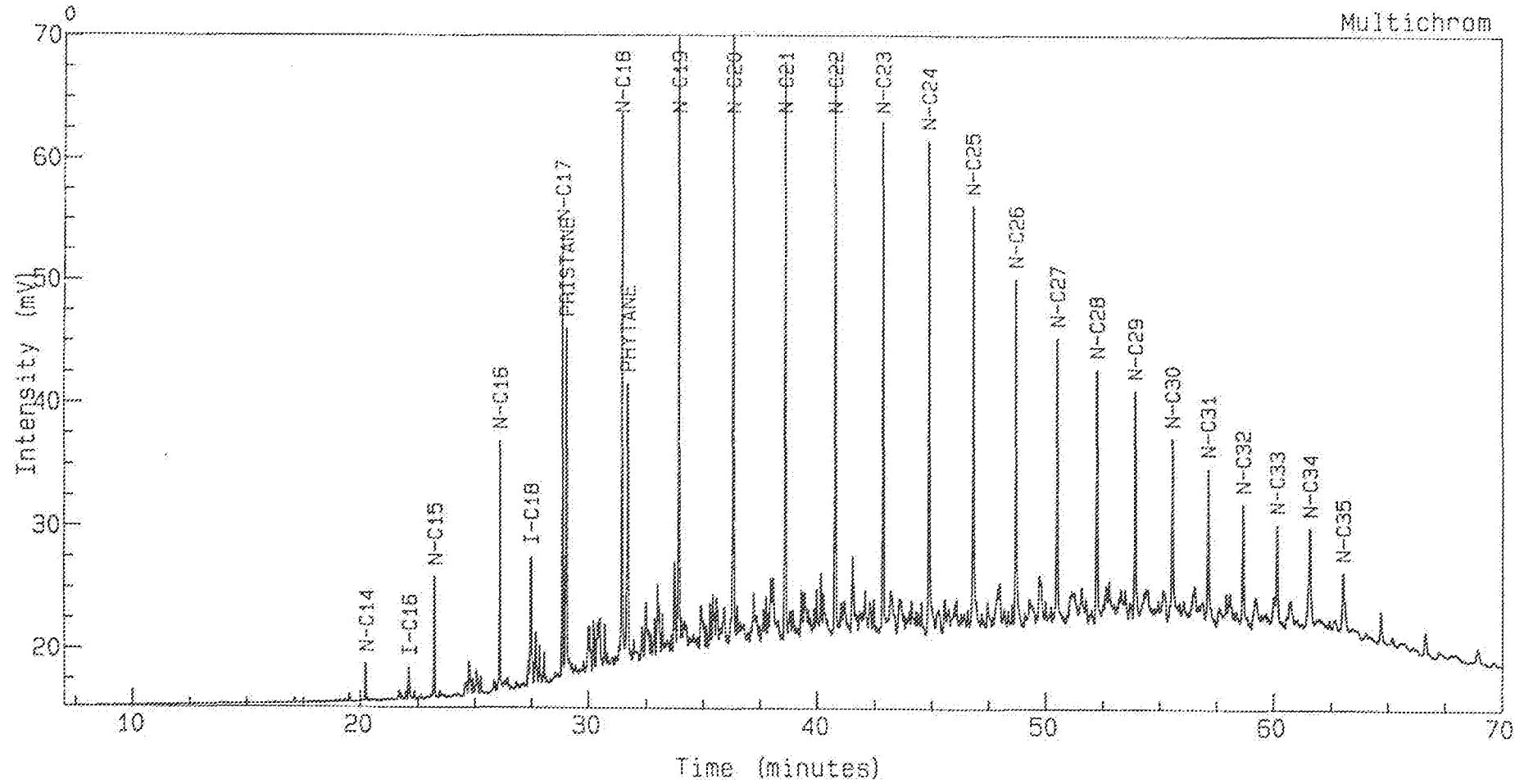


Instrument : HP5890  
Channel Title : HP MSD  
Lims ID : 53489  
Acquired on 10-AUG-1993 at 19:39  
Reported on 22-SEP-1993 at 10:35

Method : MSDS  
Calibration : MSDS  
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 8, 1.  
2687, 40



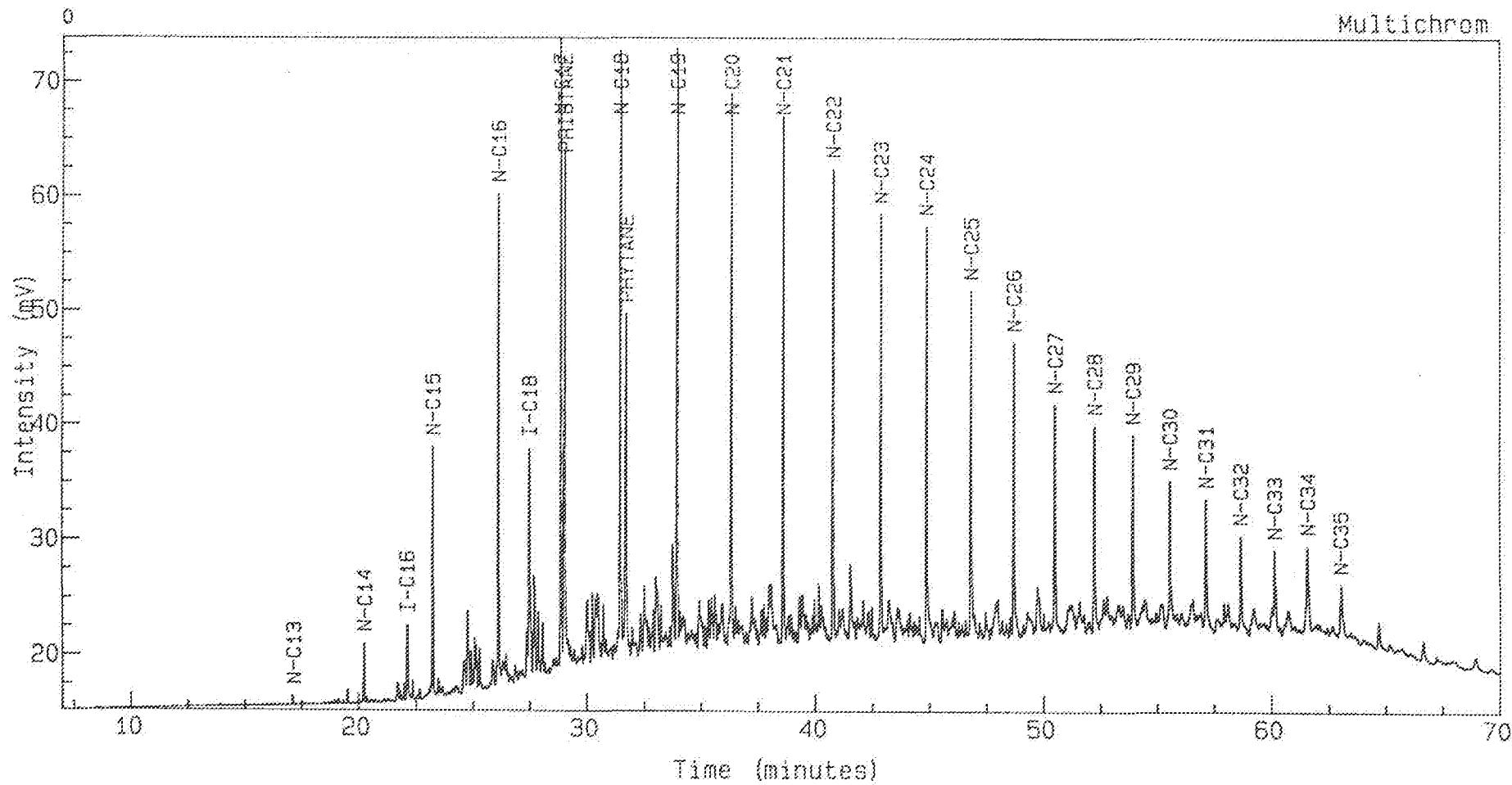
Instrument : HP5890  
Channel Title : HP MSD  
Lims ID : 63491  
Acquired on 10-AUG-1993 at 21:07  
Reported on 22-SEP-1993 at 10:35

Method : MSDS  
Calibration : MSDS  
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 9, 1.  
2894.90

Multichrom

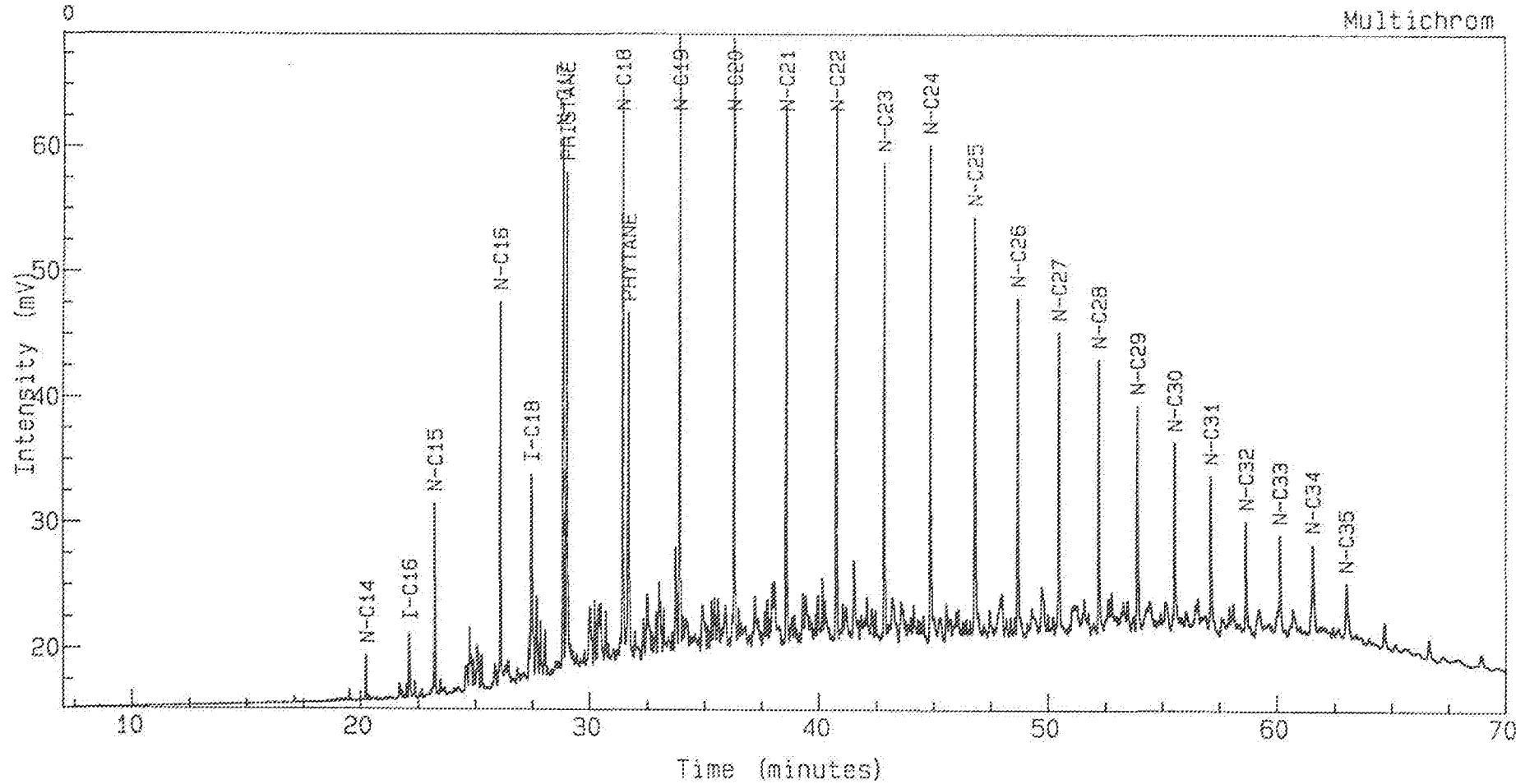


Instrument : HP6890  
Channel Title : HP MSD  
Lims ID : 53496  
Acquired on 10-AUG-1993 at 22:36  
Reported on 22-SEP-1993 at 10:36

Method : MSDS  
Calibration : MSDS  
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 11, 1,  
2905.75

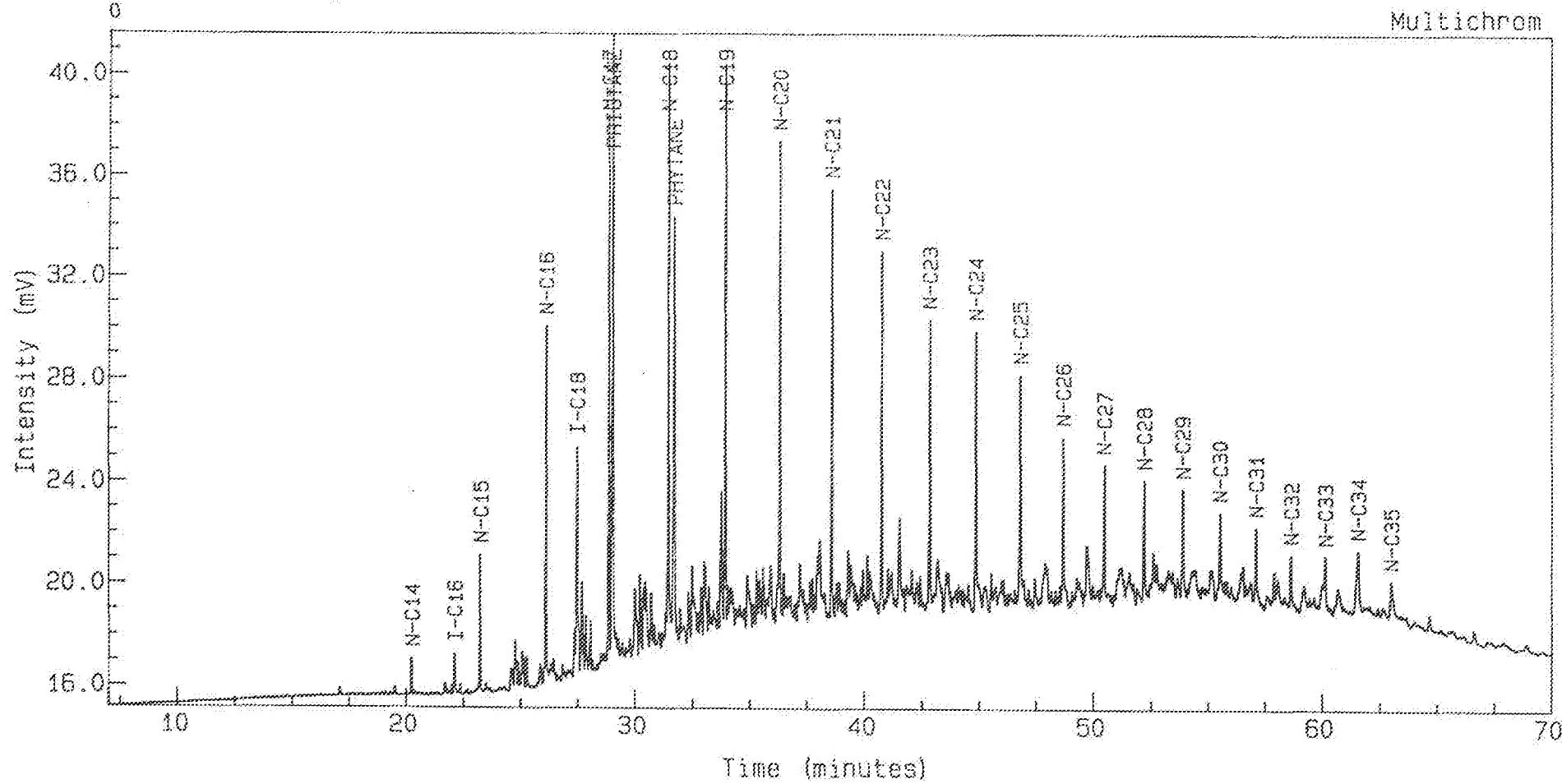


Instrument : HP5890  
Channel Title : HP MSD  
Lims ID : 53501  
Acquired on 11-AUG-1993 at 01:33  
Reported on 22-SEP-1993 at 10:36

Method : MSOS  
Calibration : MSOS  
Run Sequence : MSOS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 12, 1.  
2913.00

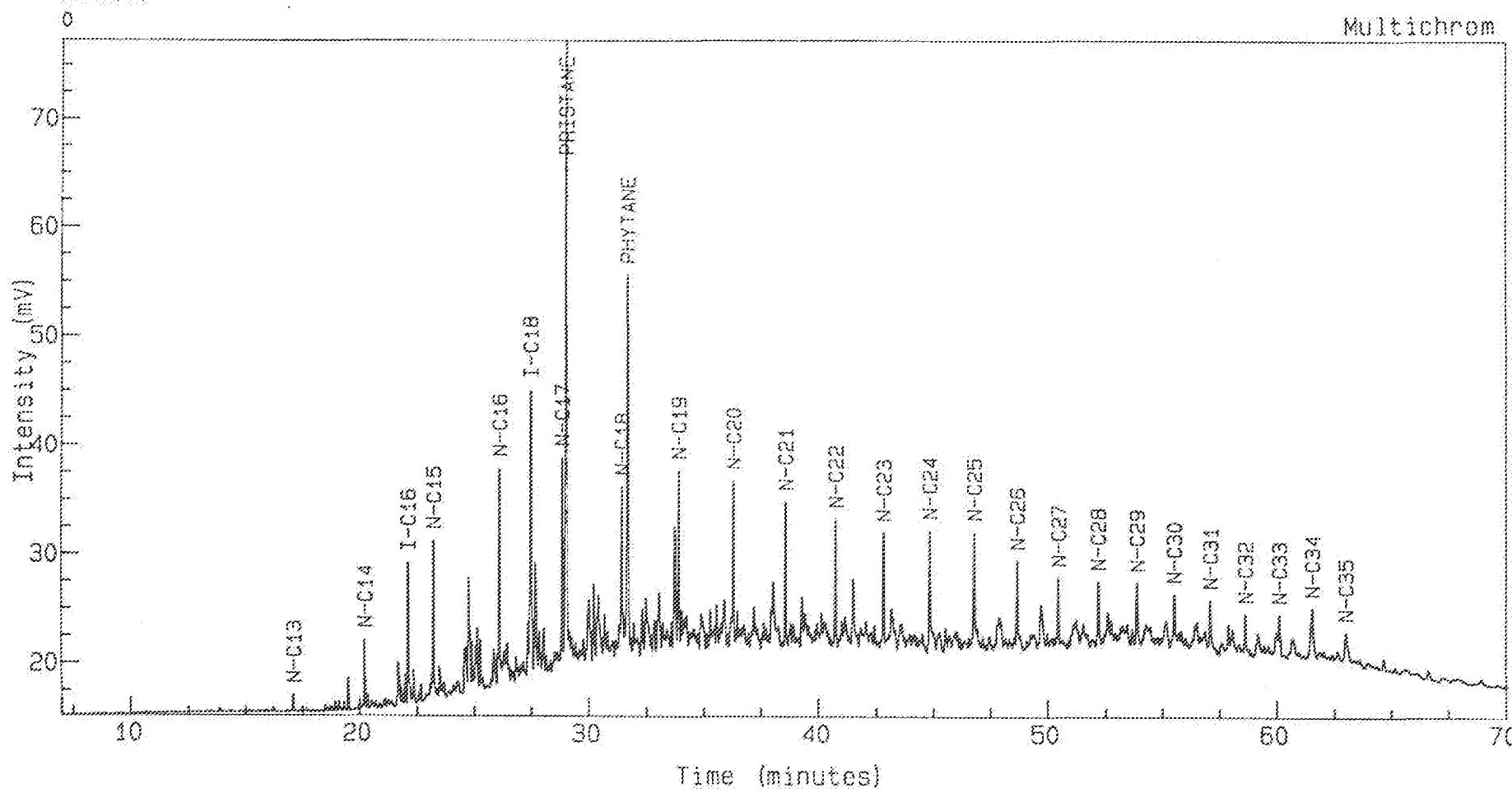


Instrument : HP5890  
Channel Title : HP MSD  
Lims ID : 53506  
Acquired on 11-AUG-1993 at 03:01  
Reported on 22-SEP-1993 at 10:37

Method : MSDS  
Calibration : MSDS  
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 13, 1.  
2925.60

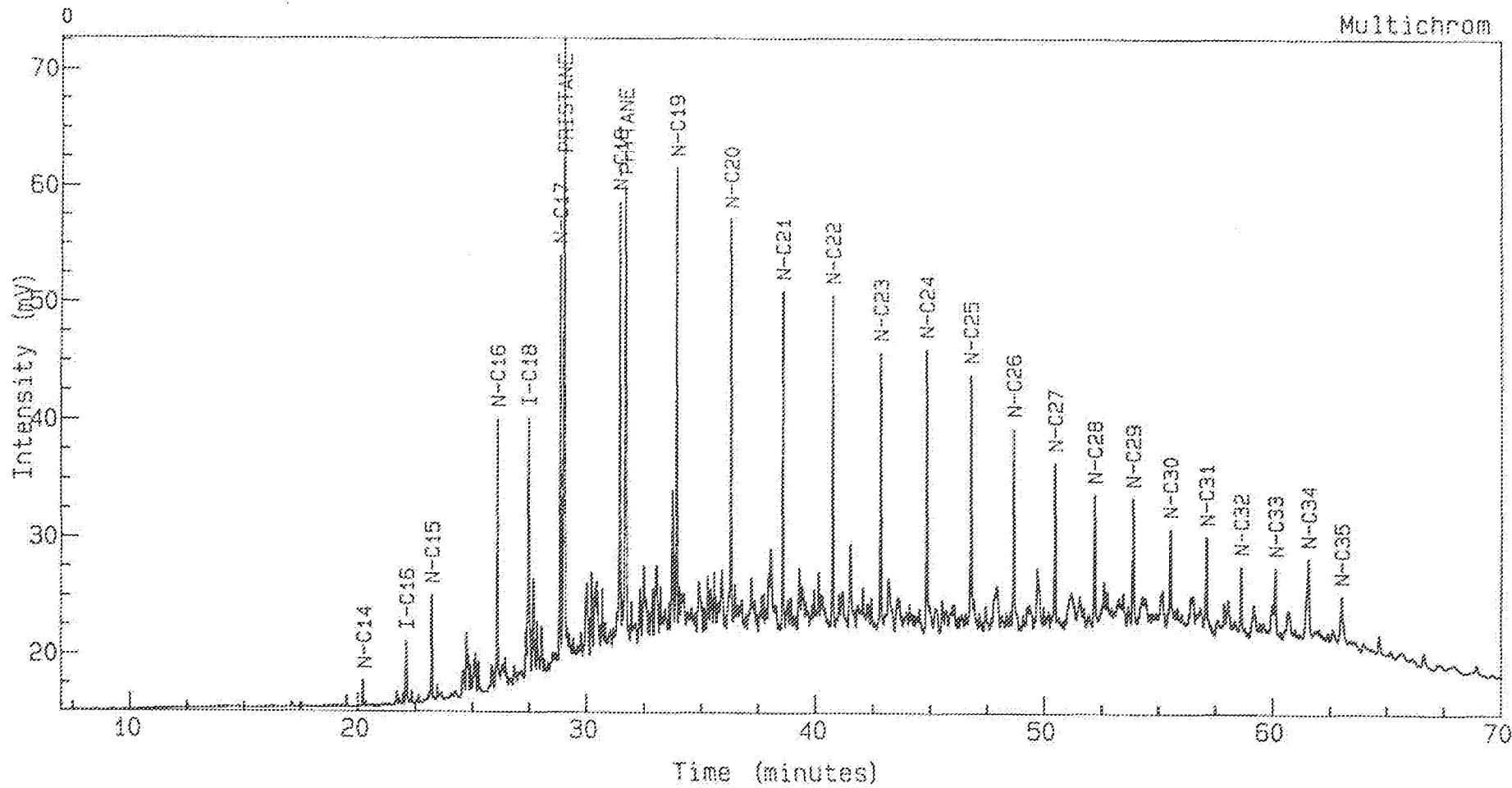


Instrument : HP5890  
Channel Title : HP MSD  
Lims ID : 53512  
Acquired on 11-AUG-1993 at 04:29  
Reported on 22-SEP-1993 at 10:37

Method : MSDS  
Calibration : MSDS  
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 14, 1.  
2932,35



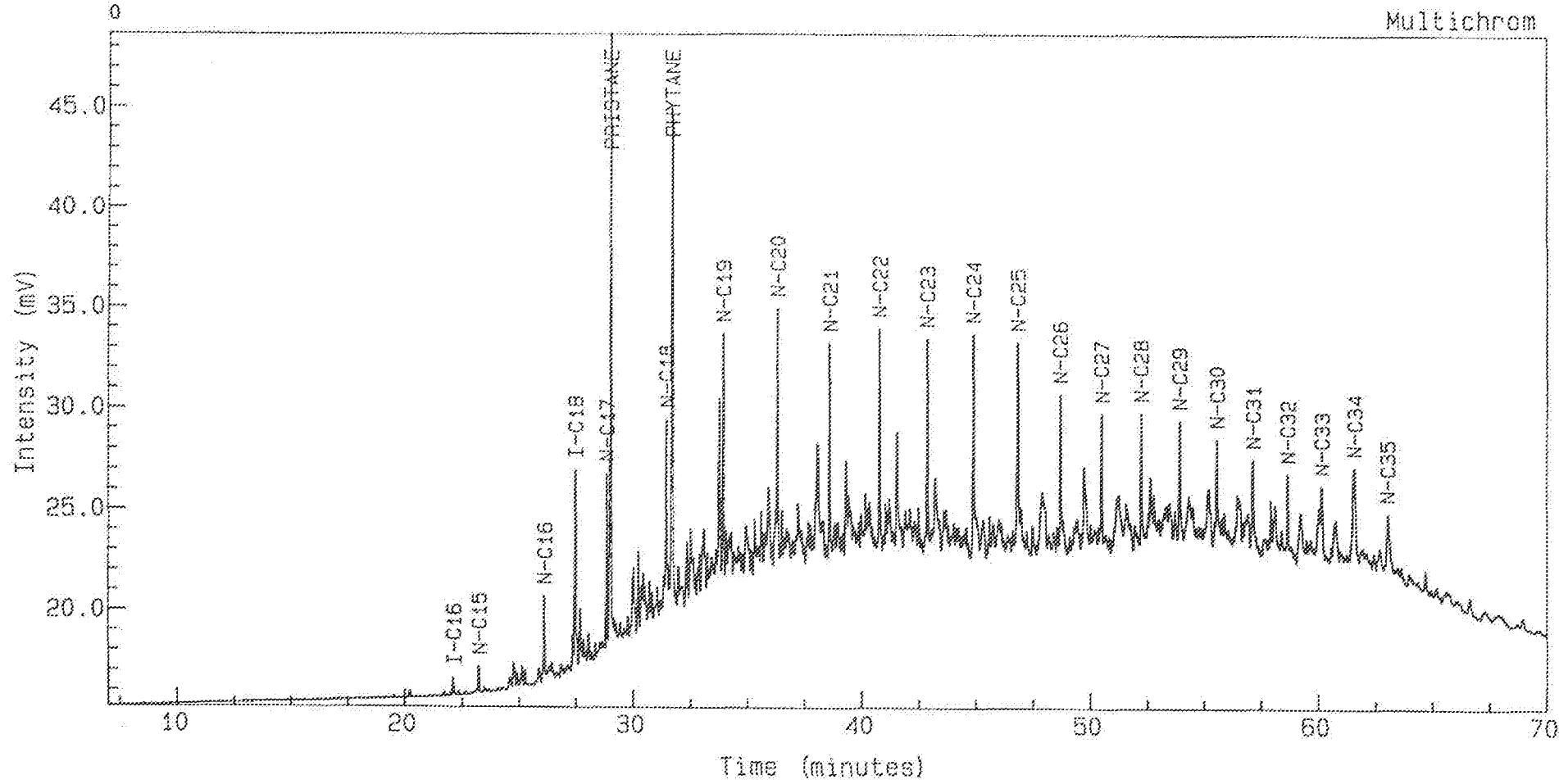
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Channel Title : HP MSD  
Lims ID : 53186  
Acquired on 11-AUG-1993 at 08:58  
Reported on 22-SEP-1993 at 10:37

Method : MSDS  
Calibration : MSDS  
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 15, 1.

2937.60



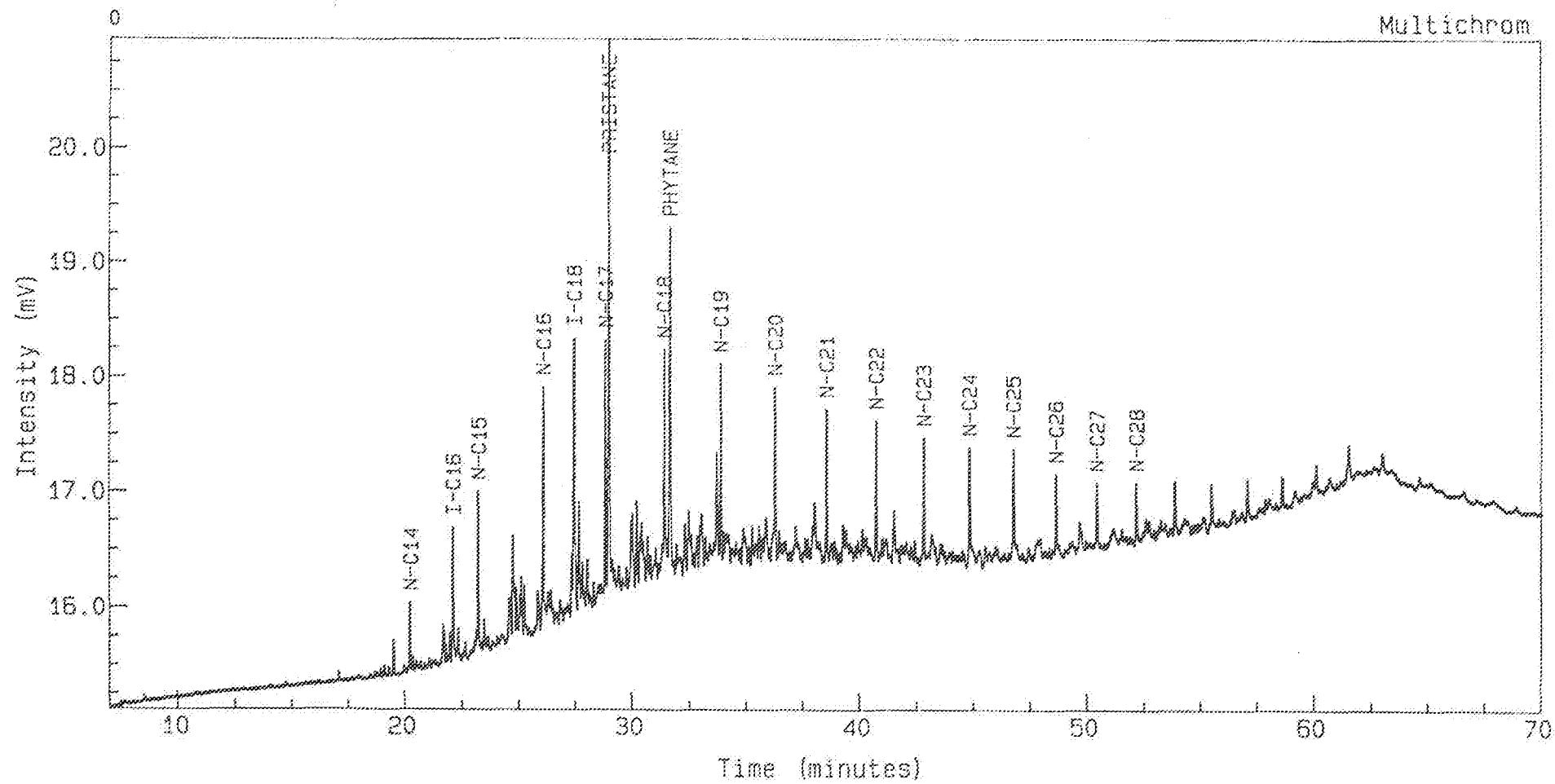
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Channel Title : HP MSD  
Lims ID : 63620  
Acquired on 11-AUG-1993 at 07:26  
Reported on 22-SEP-1993 at 10:38

Method : MSDS  
Calibration : MSDS  
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 16, 1.

2947.60



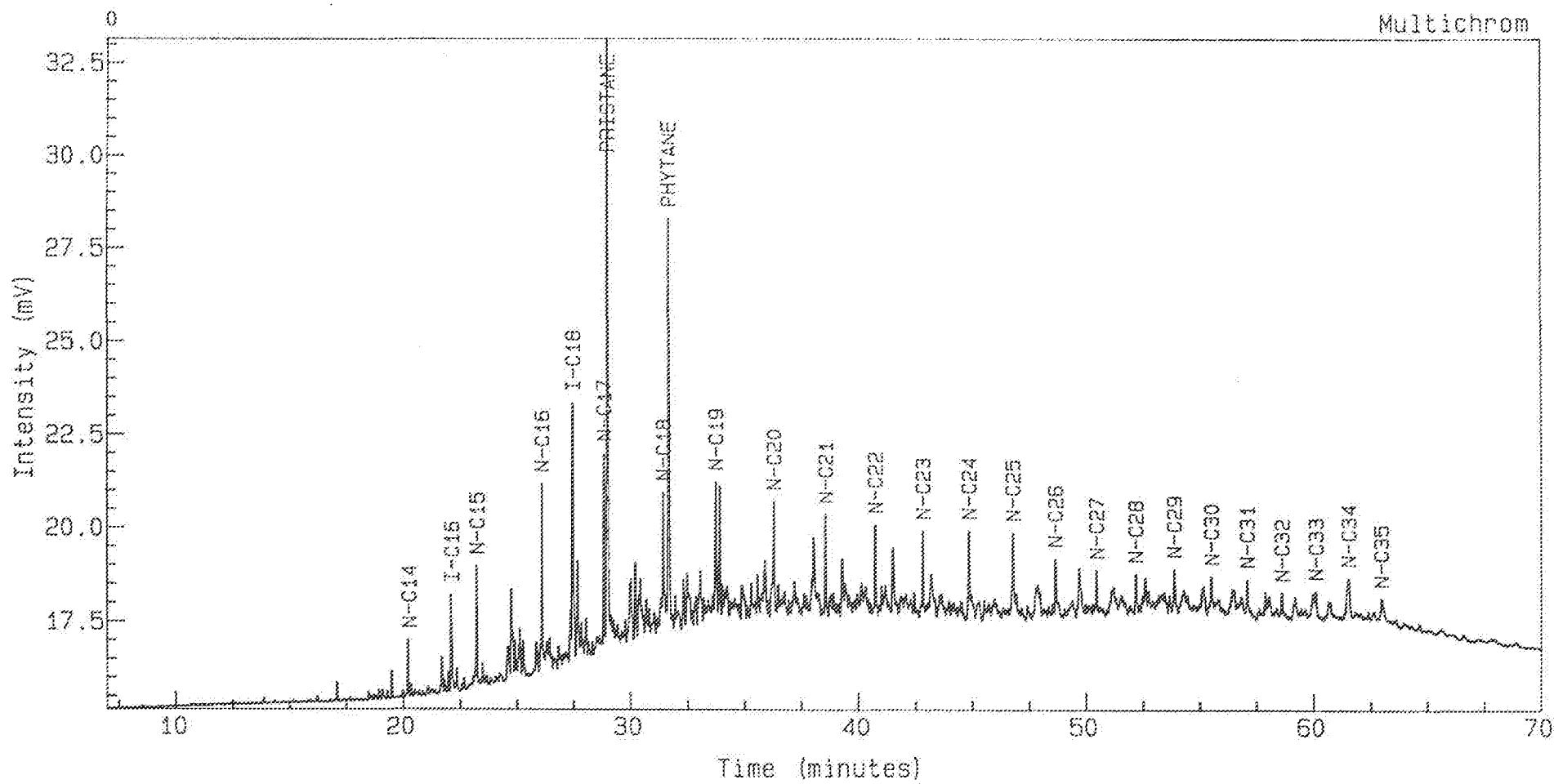
Instrument : HP5890  
Channel Title : HP MSD  
Lims IO : 53529  
Acquired on 11-AUG-1993 at 08:55  
Reported on 22-SEP-1993 at 10:38

Method : MSDS  
Calibration : MSDS  
Run Sequence : MSDS

Norisk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 17, 1.

2951.50



Instrument : HP5890

Channel Title : HP MSD

Lims ID : S3533

Acquired on 11-AUG-1993 at 10:23

Reported on 22-SEP-1993 at 10:39

Method : MSDS

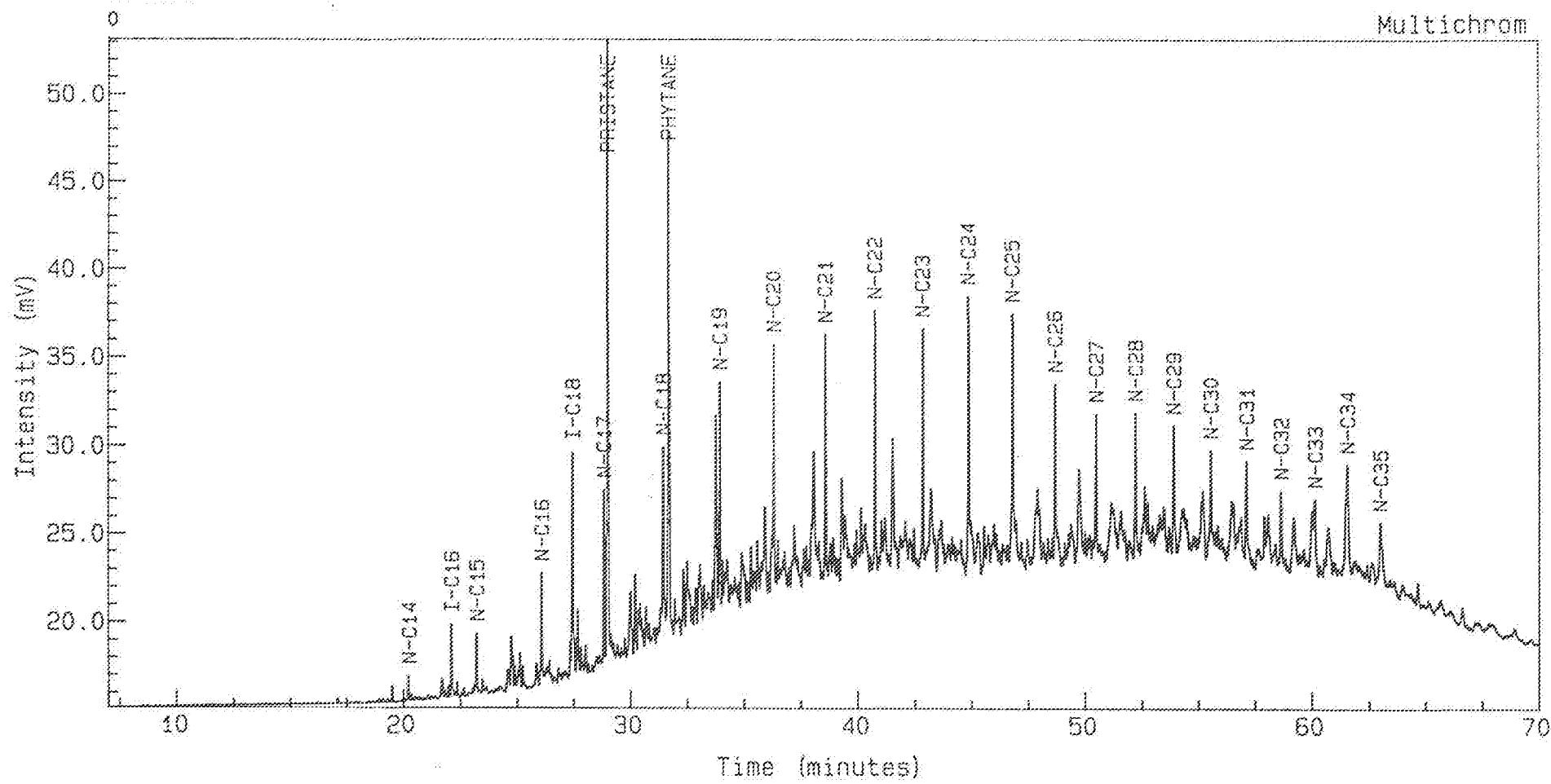
Calibration : MSDS

Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 18. 1.

2959.75



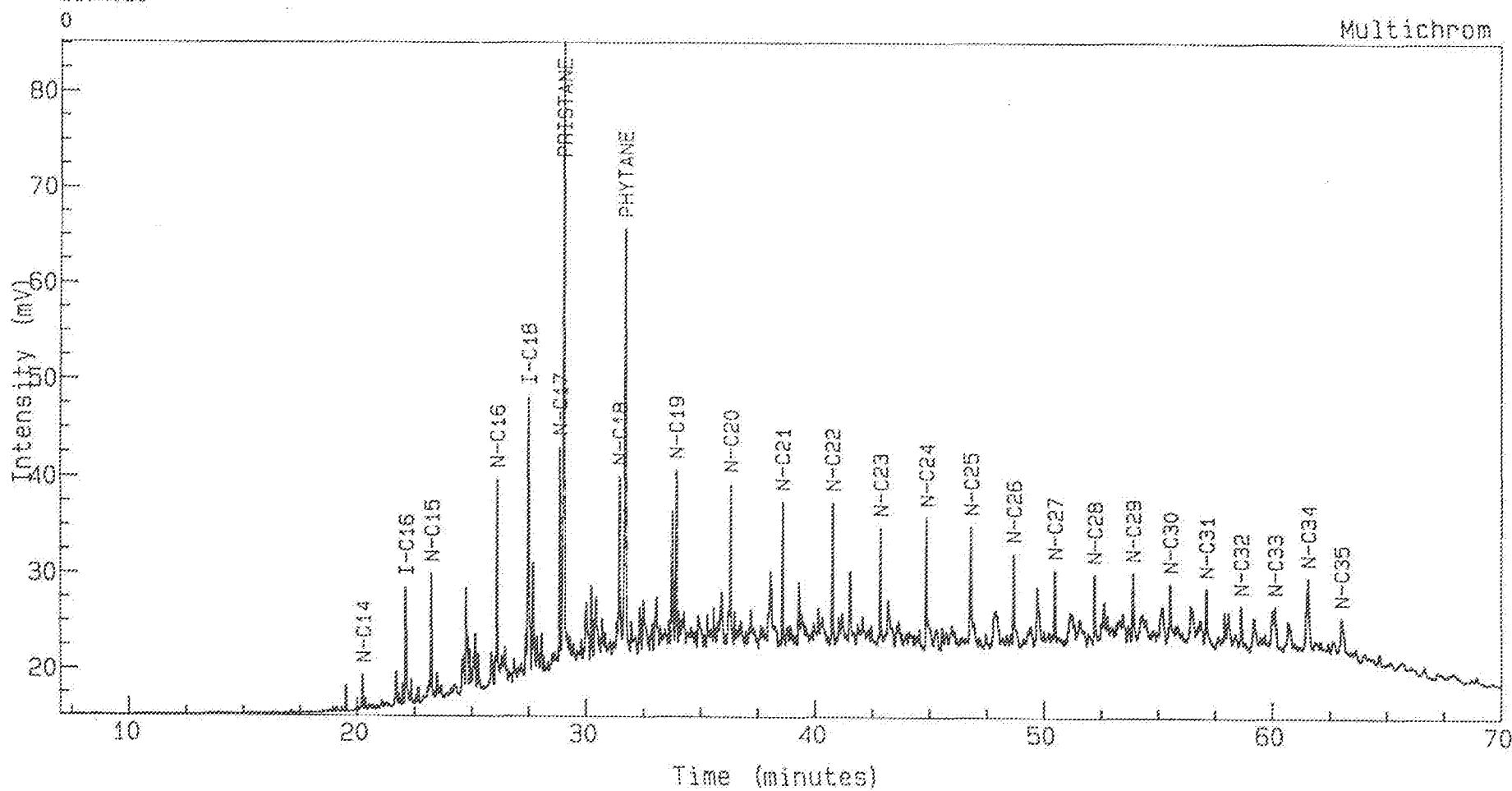
Instrument : HP5890  
Channel Title : HP MSD  
Lims ID : 53536  
Acquired on 11-AUG-1993 at 11:52  
Reported on 22-SEP-1993 at 10:39

Method : MSDS  
Calibration : MSDS  
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A3408055, 19, 1.

2974.50



Instrument : HP5890  
Channel Title : HP MSD  
Lims ID : 53540  
Acquired on 11-AUG-1993 at 13:20  
Reported on 22-SEP-1993 at 10:39

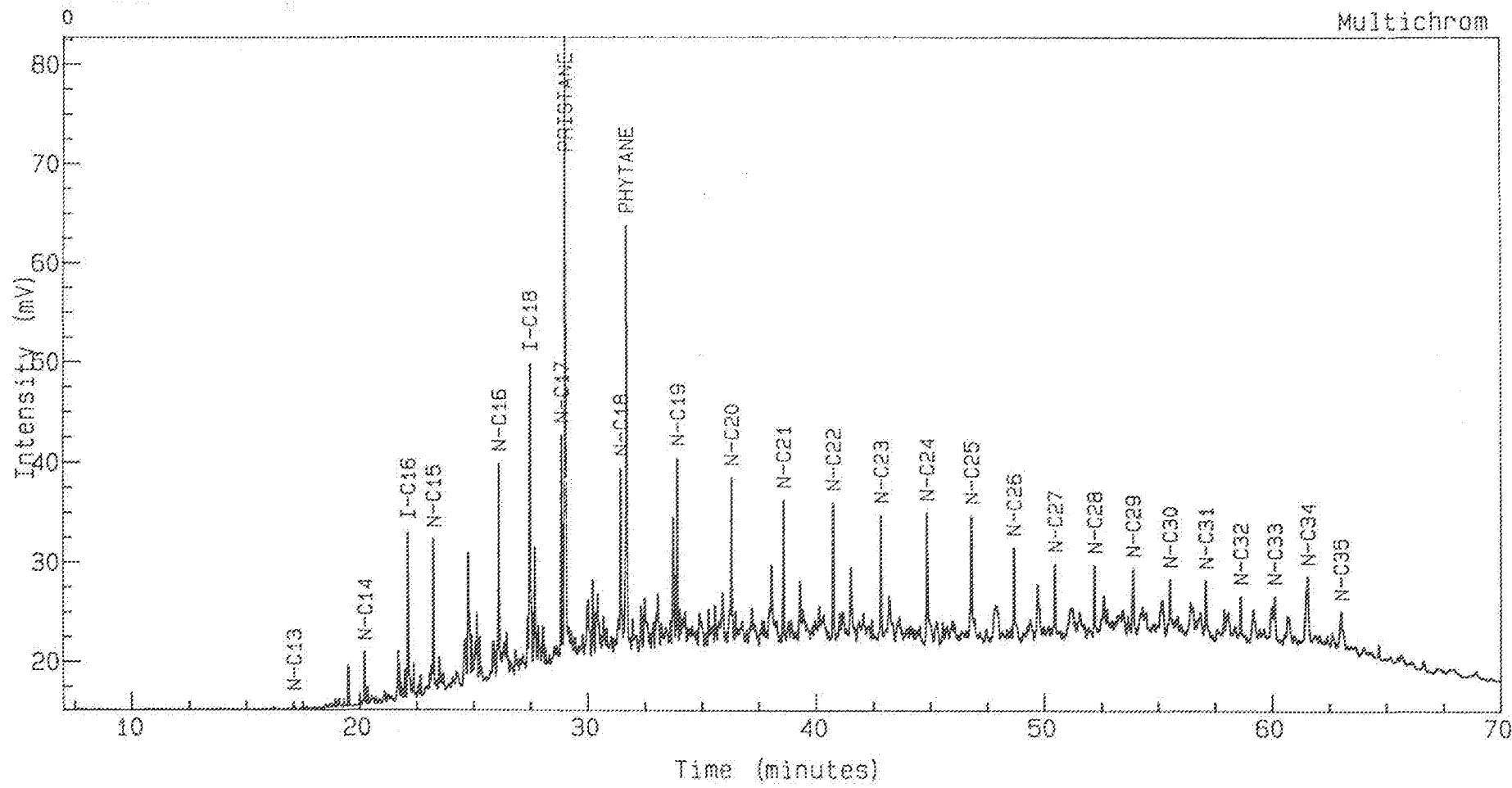
Method : MSDS  
Calibration : MSDS  
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 21, 1.

2977.50

Multichrom



Instrument : HP5890

Channel Title : HP MSD

Lims ID : 53543

Acquired on 11-AUG-1993 at 16:17

Reported on 22-SEP-1993 at 10:40

Method : MSDS

Calibration : MSDS

Run Sequence : MSDS

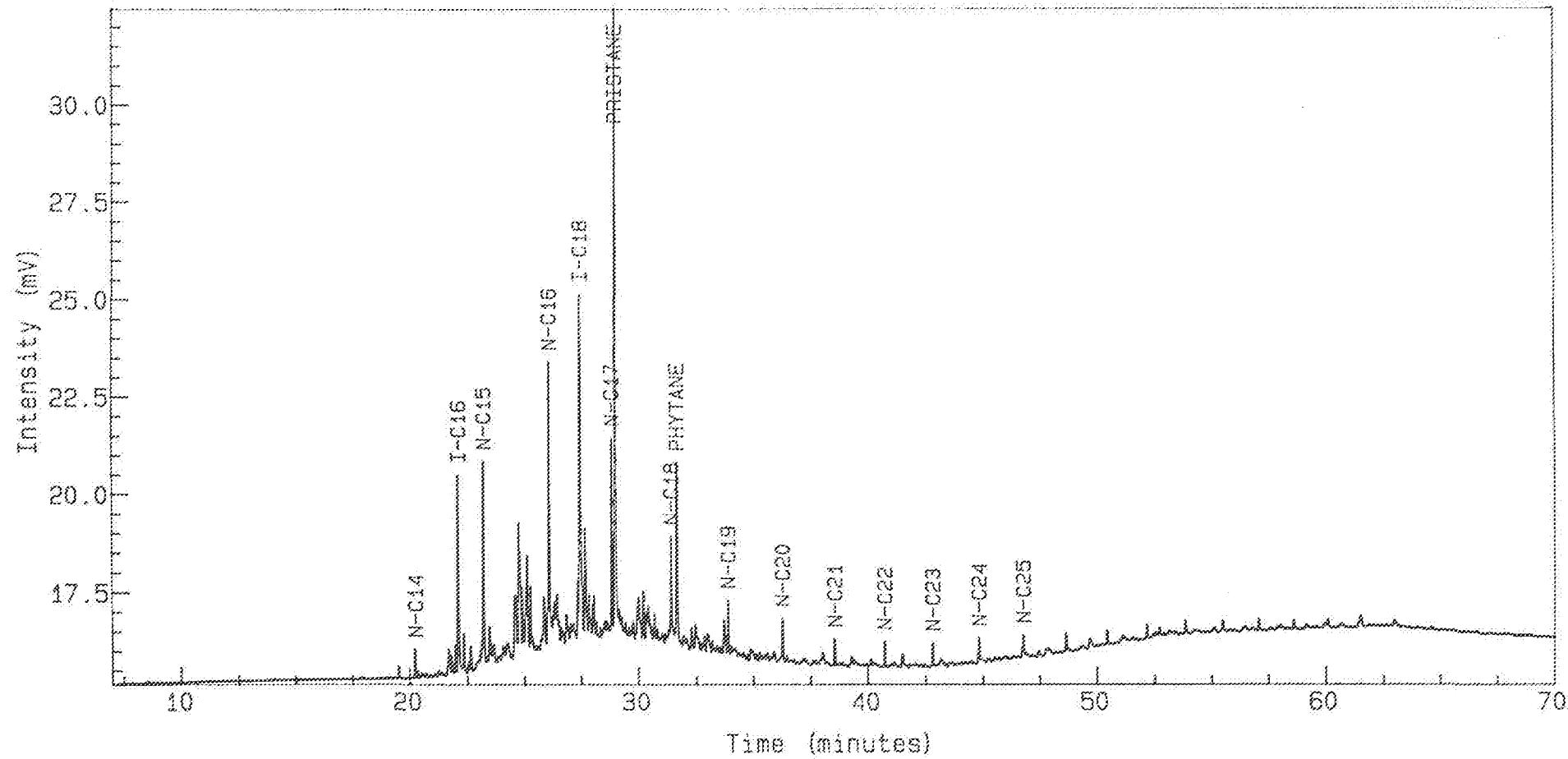
Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 B340805S, 3, 1.

2977.9

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Multichrom



Instrument : HP5890

Channel Title : HP MSD

Lims ID : 53544

Acquired on 12-AUG-1993 at 12:59

Reported on 24-SEP-1993 at 09:31

Method : MSDS

Calibration : MSDS

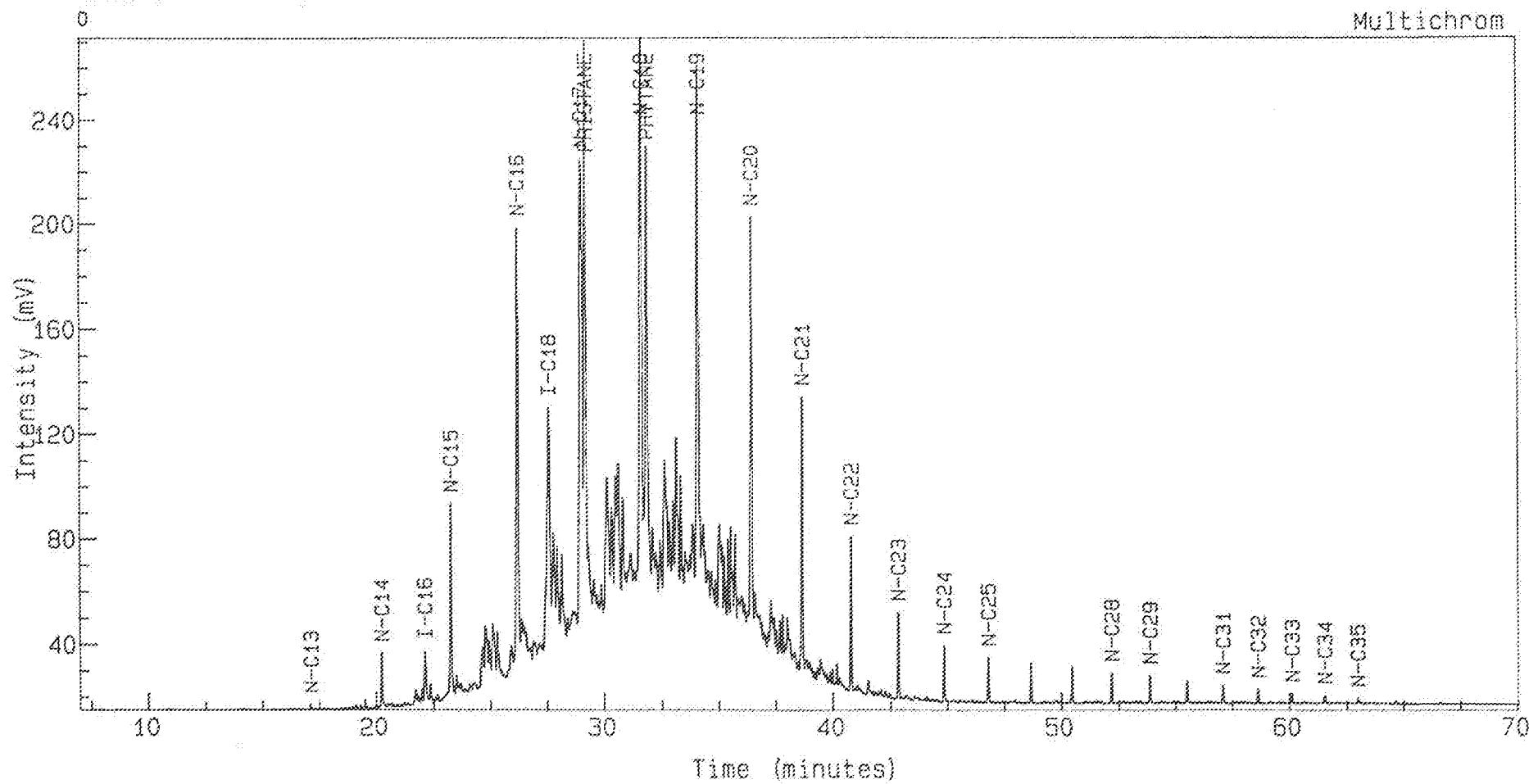
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 23, 1.

2992.75

Multichrom



Instrument : HP6890

Channel Title : HP MSD

Lims ID : 53567

Acquired on 11-AUG-1993 at 19:14

Reported on 22-SEP-1993 at 10:41

Method : MSDS

Calibration : MSDS

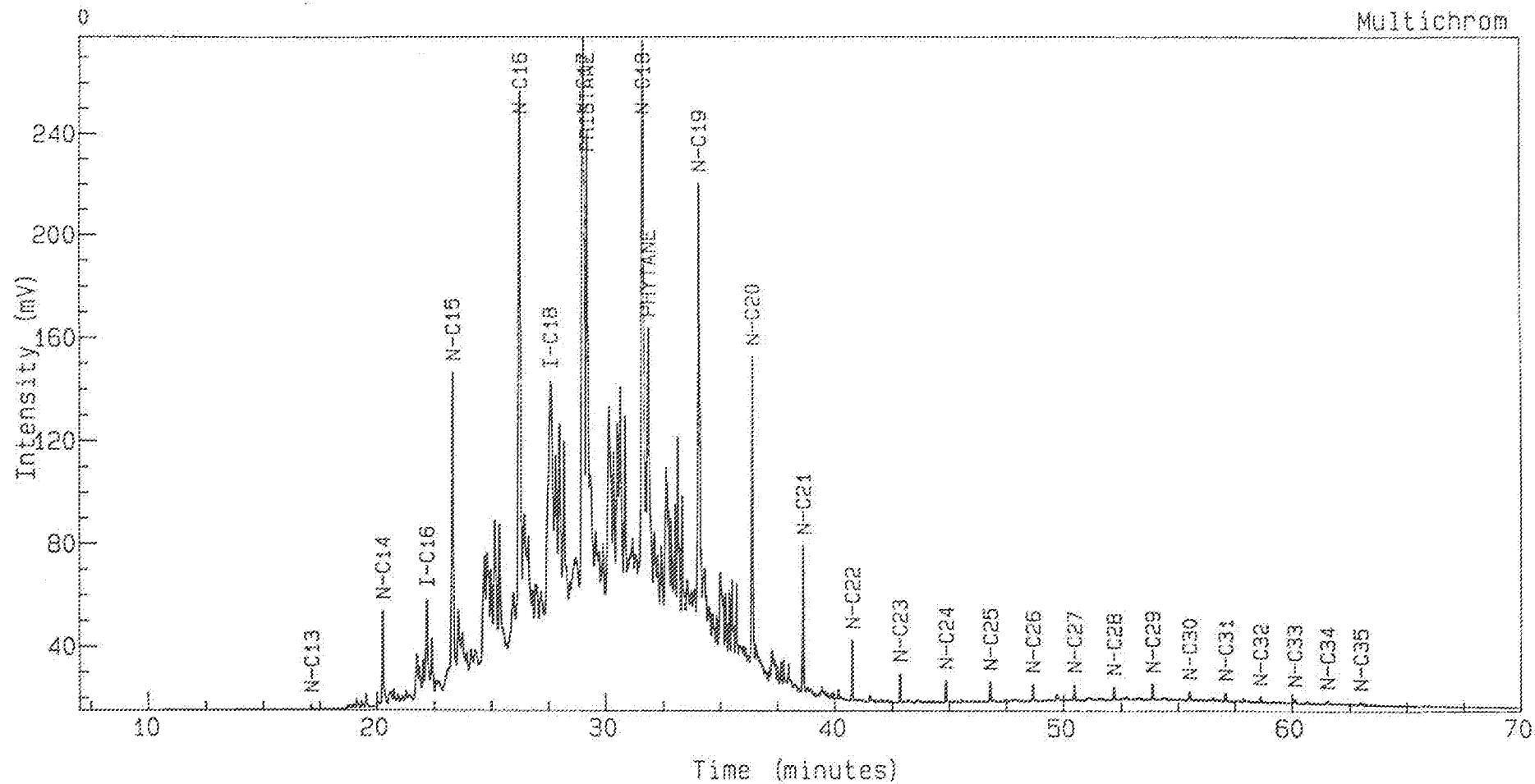
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 24, 1.

2998.75

Multichrom



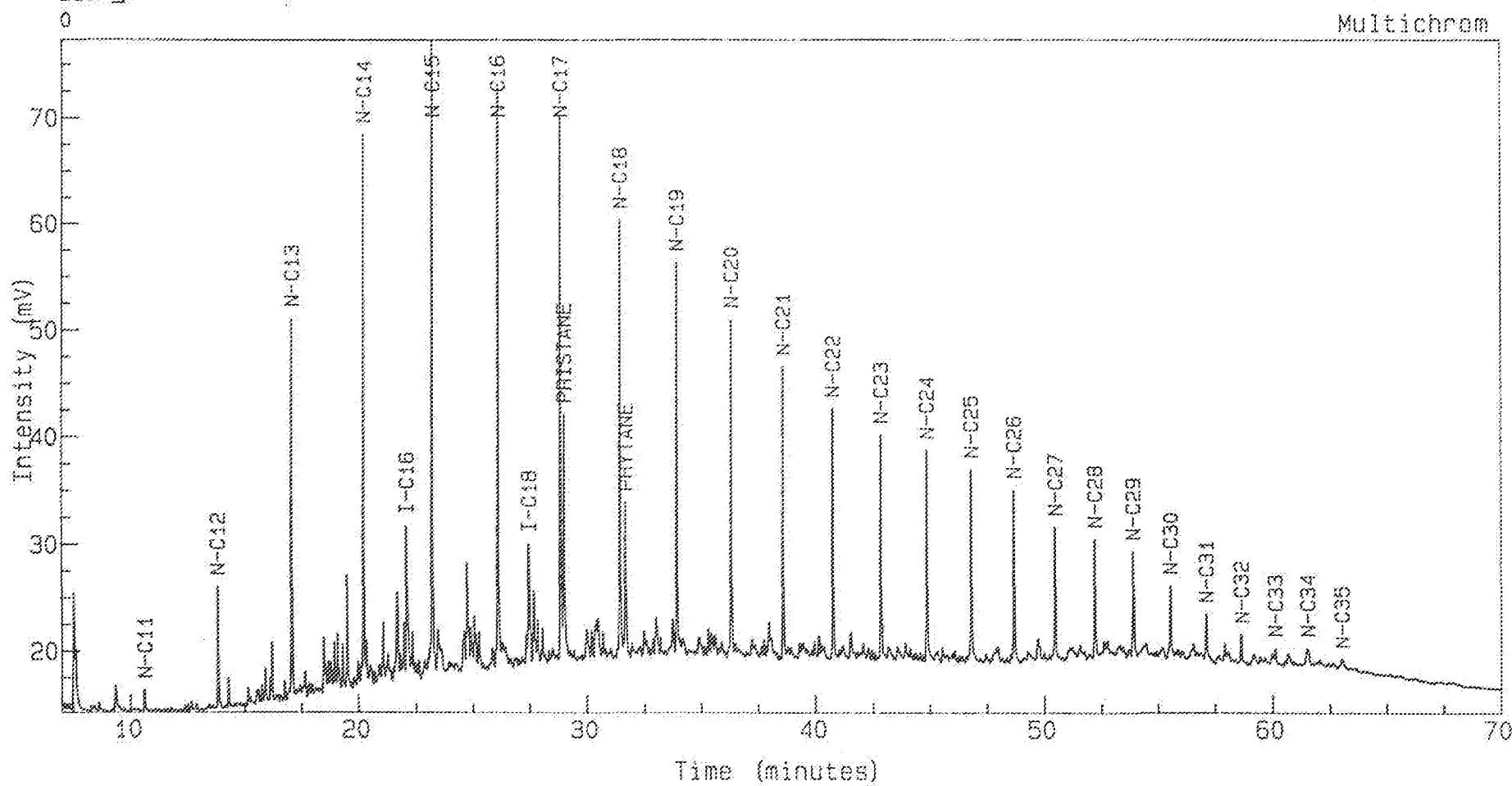
Instrument : HP5890  
Channel Title : HP MSD  
Lims ID : 53562  
Acquired on 11-AUG-1993 at 20:42  
Reported on 22-SEP-1993 at 10:41

Method : MSDS  
Calibration : MSDS  
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 1, 1.

B10M\_A



Instrument : HP5890  
Channel Title : HP MSD  
Lims ID :  
Acquired on 10-AUG-1993 at 10:48  
Reported on 22-SEP-1993 at 10:33

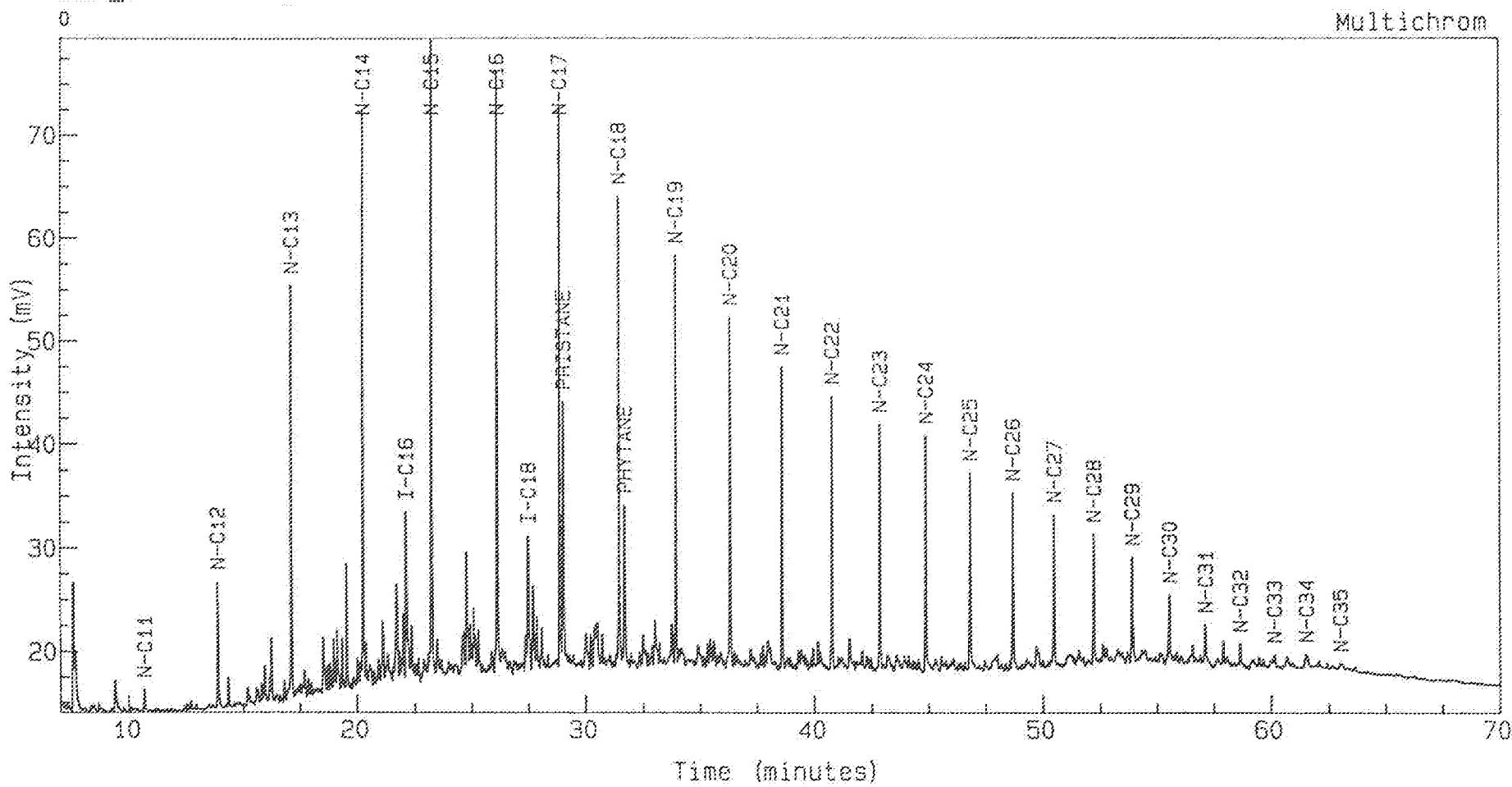
Method : MSDS  
Calibration : MSDS  
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 10, 1.

B10M\_B

Multichrom



Instrument : HP5890

Channel Title : HP MSD

Lims ID :

Acquired on 11-AUG-1993 at 00:04

Reported on 22-SEP-1993 at 10:36

Method : MSDS

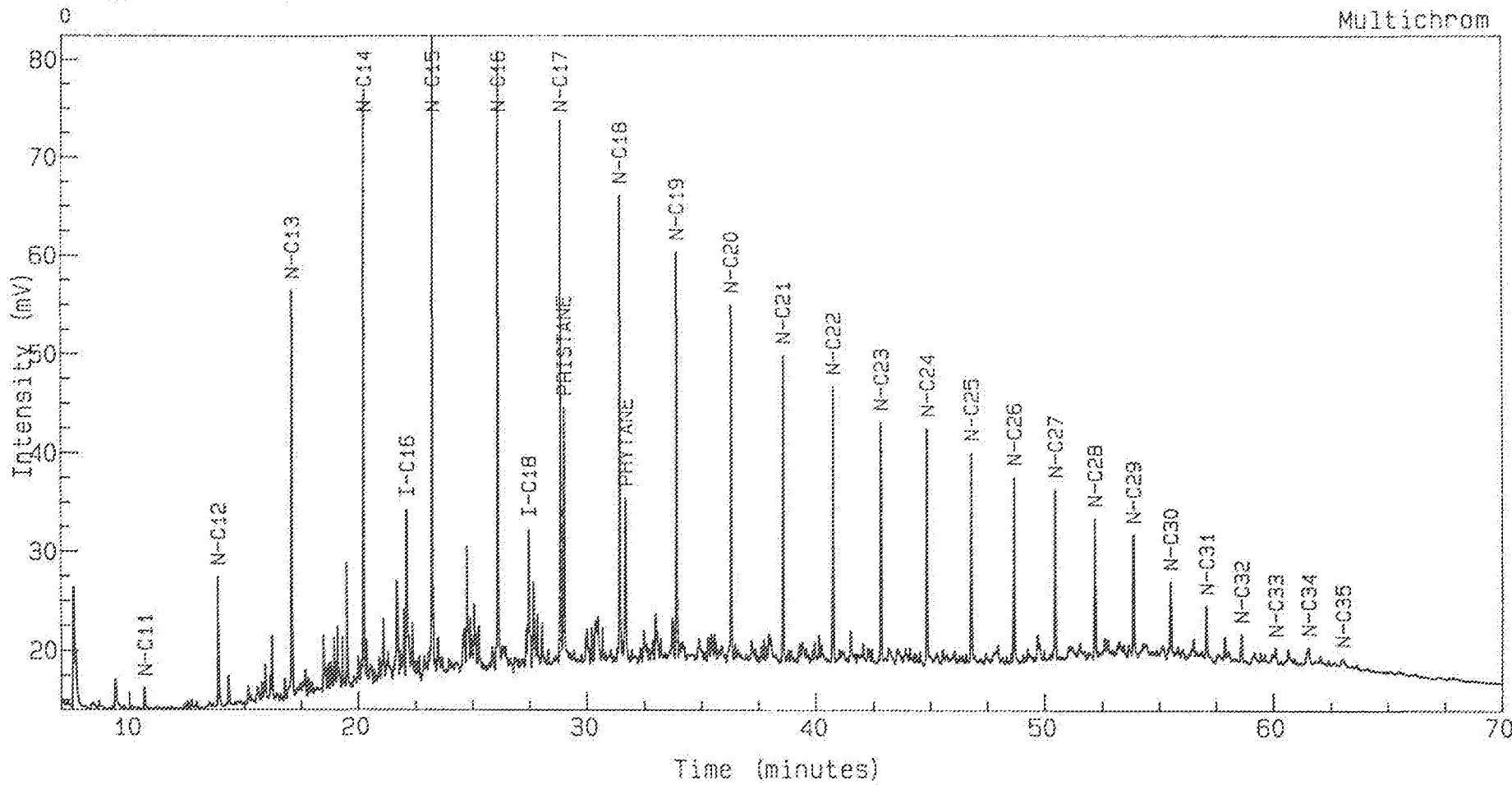
Calibration : MSDS

Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 A340805S, 20, 1.

B10M\_C



Instrument : HP5890

Channel Title : HP MSD

Lims ID :

Acquired on 11-AUG-1993 at 14:49

Reported on 22-SEP-1993 at 10:40

Method : MSDS

Calibration : MSDS

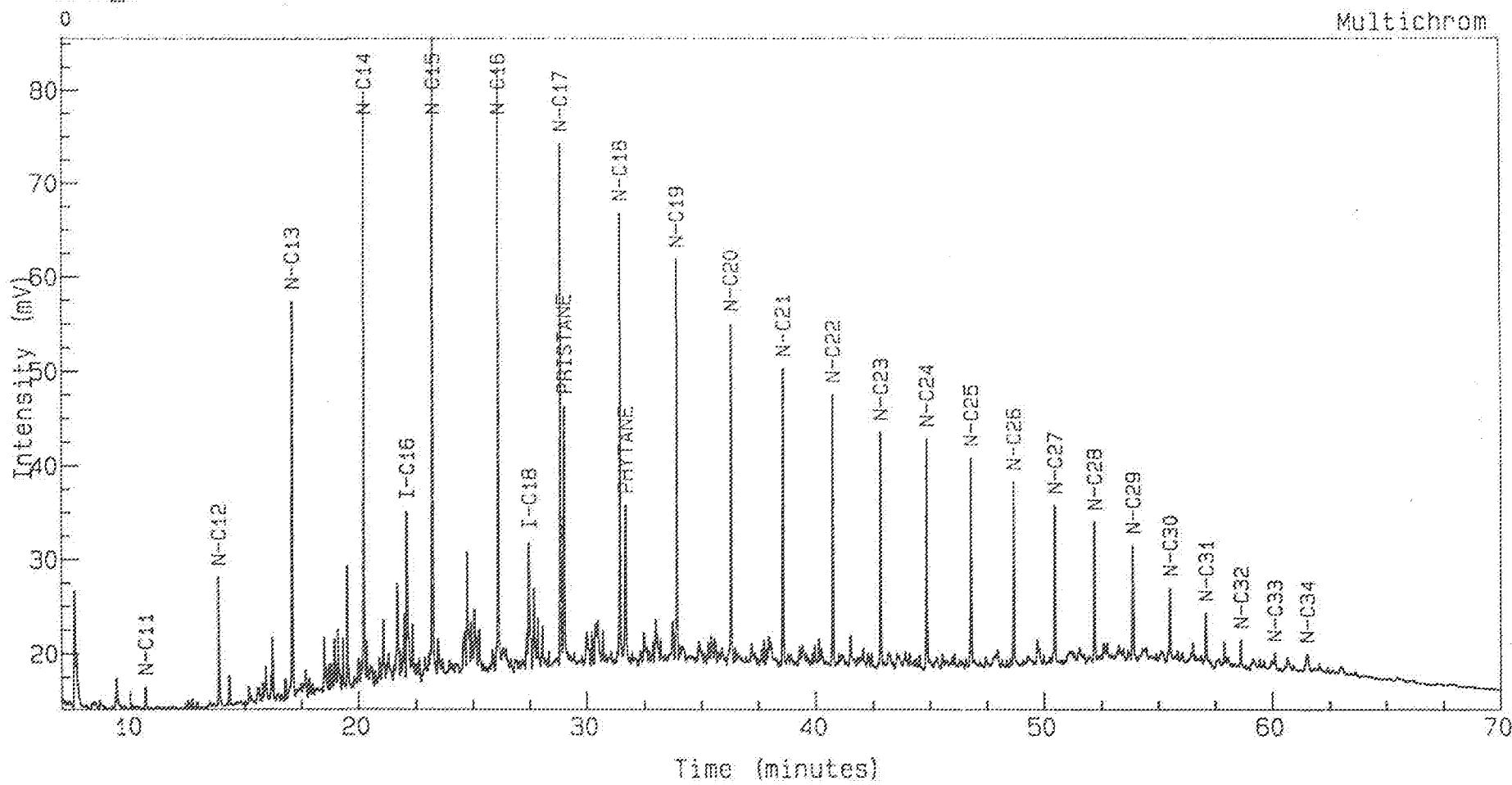
Run Sequence : MSDS

Norsk Hydro Research Centre

Analysis Name : [PETRO] 7 B340805S, 2, 1.

BRIOM\_D

Multichrom



Instrument : HP5890

Channel Title : HP MSD

Lims IO :

Acquired on 12-AUG-1993 at 11:30

Reported on 24-SEP-1993 at 09:32

Method : MSDS

Calibration : MSDS

Run Sequence : MSDS