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ROBERTSON RESEARCH INTERNATIONAL LIMITED

REPORT NO. 6213/Ic

PETROLEUM GEOCHEMICAL EVALUATION OF THE INTERVAL 1020m TO 4020m IN THE MOBIL NORWAY 35/11-2 WELL, NORWEGIAN NORTH SEA

by

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COMPANY: MOBIL NORWAY **WELL:** 35/11-2 **LOCATION:** NORWEGIAN NORTH SEA

SAMPLE DEPTH (METRES)	SAMPLE TYPE	GENERALISED LITHOLOGY	SPORE COLOUR INDEX (1-10)	VITRINITE REFLECTIVITY R oil av %	KEROGEN COMPOSITION (%) (by microscopic examination)			KEROGEN COMPOSITION (%) (by calculation from pyrolysis data)			
					INERTINITE	VITRINITE	SAPROPEL	INERTINITE	VITRINITE	ALGAL SAPROPEL	WAXY SAPROPEL
1020-040	Ctgs	SND+ 20% LST, v lt gy+ 10% SH, ol-gy, calc	2.5 - 3.0	.29(2) .44(2)R .72(1)R	10	40	50				
1220-240	"	SH, ol-gy+ mnr MDST, v lt gy, calc	3.0 - 3.5	.33(4) .44(3)R	10	30	60				
1420-440	"	SH, lt ol-gy+ 30% SH, brn-gy	3.0	.34(12)	10	50	40				
1480-490	"	SH, ol-gy+ mnr SH, brn-gy+ tr pyr+ tr SND	3.0 - 3.5	.38(5)	10?	10?	80?				
1620-640	"	SH, ol-gy+ 20% SH, brn-gy+ mnr SST, v lt gy	3.0 - 3.5	.36(6) .49(12)R	Mnr	80	20				
1820-840	"	SH, ol-gy+ 10% SH, mod brn+ mnr SH, brn-gy	3.5	.39(9) .52(4)R .70(3)R	50	30	20				
2005-015	"	SH, dk gn-gy+ 20% LST, wht	3.5	.40(17) .54(9)R .74(3)R	20	60	20				
2165-175	"	SH, ol-gy+ tr LST, pnk-gy+ tr LST, wht	3.5 - 4.0	.40(6)	50	20	30				
2325-335	"	SH, ol-gy+ mnr ADD	3.5	.43(4) .60(3)R	80	10	10				
2332	Swc	CLYST, dk gy, slty	3.5	.44(9) .67(15)R 1.24(1)R 1.61(2)R	80	10	10				
2485-495	Ctgs	SH, ol-gy+ tr ADD	4.0	.43(20) .53(8)R	50	20	30				
2595-605	"	SH, med-dk gy	3.5	.40(1) .62(2)R .87(4)R 1.08(5)R	70	20	10	85	15	*	*
2688-697	"	SH, dk gy+ 20% SST, v lt gy, calc+ mnr glc	4.0	.45(18) .61(15)R .83(4)R	50	30	20				
2720.5	Swc	CLYST, med-dk gy calc	3.5 - 4.0	.98(1)R 1.42(13)R 1.84(2)R 2.19(2)R	90	10	Mnr				
2724-733	Ctgs	SH, dk gy+ 10% SH, gy-red+ mnr SH, gn-gy									
	P	SH, dk gy						65	35	*	*
2751-760	Ctgs	SH, med-dk gy+ 10% SH, dk gy+ 10% SH, gy-red	4.0	.44(1) .66(11)R	80	10	10				
	P	SH, dk gy						25	75	*	*
2832-841	Ctgs	SH, med gy+ tr SH, gy-red	4.0	.49(9) .68(4)R	90	Mnr	10				
2868-877	"	SH, med-dk gy+ tr SH, brn-gy						85	15	*	*
2931-940	"	SH, med-dk gy+ 10% SH, gy-red	4.0	.45(16) .66(2)R	60	Mnr	40				

Maturity and Kerogen Composition Data

TABLE 1A

COMPANY: MOBIL NORWAY **WELL:** 35/11-2 **LOCATION:** NORWEGIAN NORTH SEA

SAMPLE DEPTH (METRES)	SAMPLE TYPE	GENERALISED LITHOLOGY	SPORE COLOUR INDEX (1-10)	VITRINITE REFLECTIVITY R oil av %	KEROGEN COMPOSITION (%) (by microscopic examination)			KEROGEN COMPOSITION (%) (by calculation from pyrolysis data)			
					INERTINITE	VITRINITE	SAPROPEL	INERTINITE	VITRINITE	ALGAL SAPROPEL	WAXY SAPROPEL
2949-958	Ctgs	SH, dk gy+ mnr SH, med gy+ mnr SH, gy-red						30	25	5	40
2967-976	"	SH, dk gy+ mnr SH, v lt gy+ mnr SH, gy-red						30	25	5	40
2976-985	"	SH, dk gy+ tr SH med gy+ tr SH, gy-red						30	15	*	55
2985-994	"	SH, dk gy+ mnr SH, v lt gy+ mnr SH, gy-red						30	25	5	40
2994-3003	"	SH, dk gy+ tr SH med gy+ tr SH, gy-red						15	30	*	55
	"	SH, dk gy+ tr SH med gy+ tr SH, gy-red Polished rock		.47(5) .35(9)L .65(5)R							
3003-012	"	SH, dk gy	3.5 - 4.0	.46(13) .65(2)R	30	Mnr	70	25	5	5	65
3005	Swc	CLYST, dk gy						10	35	5	50
3012-021	Ctgs	SH, dk gy+ tr SH med gy						30	5	*	65
	"	SH, dk gy+ tr SH med gy Polished rock		.48(8) .28(4)L .66(3)R							
3021-030	"	SH, dk gy+ mnr SST, v lt gy+ mnr SH, gy-red						30	10	5	55
3030-039	"	SH, dk gy+ mnr SST, v lt gy+ tr SH, gy-red						35	15	5	45
3039-048	"	SH, med gy+ 40% SH, gy-blk+ 10% SND+ mnr SH, gy-red									
	P	SH, gy-blk						25	15	5	55
3045	Core	MDST, dk gy, lam	3.5 - 4.0	.46(41) .65(8)R .80(5)R	50	20	30	50	25	*	25
3048-057	Ctgs	SH, med-dk gy+ 10% SH, dk gy+ mnr SH, gy-red									
	P	SH, dk gy						35	20	*	45
3057-066	Ctgs	SH, med-dk gy+ 40% SH, gy-blk+ mnr SH, gy-red+ tr SND									
	P	SH, gy-blk						35	20	*	45
3075-084	Ctgs	SH, dk gy+ mnr SH, med gy+ tr SH, gy-red	4.5	.52(52)	70	10	20	35	65	*	*
3129-138	"	SLTST, brn-gy+ 10% SH, dk gy+ tr SLTST, v lt gy						*	100	*	*

Maturity and Kerogen Composition Data

TABLE 1B

COMPANY: MOBIL NORWAY **WELL:** 35/11-2 **LOCATION:** NORWEGIAN NORTH SEA

SAMPLE DEPTH (METRES)	SAMPLE TYPE	GENERALISED LITHOLOGY	SPORE COLOUR INDEX (1-10)	VITRINITE REFLECTIVITY R oil av %	KEROGEN COMPOSITION (%) (by microscopic examination)			KEROGEN COMPOSITION (%) (by calculation from pyrolysis data)			
					INERTINITE	VITRINITE	SAPROPEL	INERTINITE	VITRINITE	ALGAL SAPROPEL	WAXY SAPROPEL
3147-156	Ctgs	SLTST, brn-gy+ mnr SH, dk gy+ mnr SH, gy-red						*	100	*	*
3165-174	"	SLTST, brn-gy+ mnr SH, gy-red+ mnr SH, dk gy	4.0 - 4.5	.49(50)	10	30	60				
3201-210	"	SH, med-lt gy+ 10% SH, gy-blk+ mnr SH, med gy+ mnr SH, gy-red									
	P	SH, gy-blk						25	20	5	50
3219-228	Ctgs	SLTST, brn-gy+ mnr SH, dk gy+ tr SH, gy-red+ tr SH, med gy						25	35	*	40
3237-246	"	SLTST, brn-blk+ mnr SH, dk gy+ tr SH, gy-red	4.0 - 4.5	.44(12) .72(7)R	10	20	70	30	20	5	45
3246-255	"	SLTST, brn-blk+ mnr SH, dk gy+ tr SH, gy-red+ tr SH, med gy						35	20	*	45
3255-264	"	SLTST, brn-blk+ mnr SH, dk gy+ tr SH, gy-red+ tr SH, med gy						35	15	5	45
3273-282	"	SLTST, brn-blk+ tr SH, dk gy						30	30	*	40
3282-291	"	SLTST, brn-blk+ tr SH, dk gy+ tr SH, gy-red						10	60	*	30
3291-300	"	SLTST, med-dk gy + mnr SH, dk gy + tr SH, gy-red	4.5 - 5.0	.47(27) .79(3)R	20	10	70	*	90	*	10
3345-354	"	SH, med-dk gy+ 20% SLTST, brn-gy+ tr SH, gy-red+ tr SH, med-lt gy	4.5 - 5.0	.55(21) .69(7)R	50	20	30	10	90	*	*
3380	Core	COAL+ 40% SST, brn-blk, carb+ OS									
	P	COAL Polished rock		.71(53)							
3381-390	Ctgs	SLTST, dk gy+ 10% SST, v lt gy + mnr COAL+ tr MDST, v lt gy, calc+ tr glc						45	35	*	20
3393.7	Core	COAL Polished rock		.74(35) .92(20)R							
3411	"	MDST, dk gy, lam	6.0	.68(33) .50(7)C .83(13)R	30	50	20				
3416.5	"	MDST, dk gy						30	55	*	15
3417-426	Ctgs	SLTST, dk gy+ mnr SST, v lt gy + tr COAL+ tr ADD						15	85	*	*
3420	Core	MDST, dk gy, carb						10	65	*	25

Maturity and Kerogen Composition Data

TABLE 1C

COMPANY: MOBIL NORWAY **WELL:** 35/11-2 **LOCATION:** NORWEGIAN NORTH SEA

SAMPLE DEPTH (METRES)	SAMPLE TYPE	GENERALISED LITHOLOGY	SPORE COLOUR INDEX (1-10)	VITRINITE REFLECTIVITY R oil av %	KEROGEN COMPOSITION (%) (by microscopic examination)			KEROGEN COMPOSITION (%) (by calculation from pyrolysis data)			
					INERTINITE	VITRINITE	SAPROPEL	INERTINITE	VITRINITE	ALGAL SAPROPEL	WAXY SAPROPEL
3456.6	Core	MDST, dk gy						30	55	*	15
3465.4	"	COAL									
	"	COAL Polished rock		.75(51)							
3467.8	"	CLYST, ol-blk						20	50	*	30
3471-480	Ctgs	SND+ 30% SLTST, dk gy+ mnr SST, v lt gy+ tr ADD									
	P	SLTST, dk gy						20	80	*	*
3475	Swc	CLYST, ol-blk						30	40	*	30
3525-534	Ctgs	SND+ 30% SLTST, dk gy	6.0	.65(48)	30	60	10				
3723-732	"	SND+ 30% SLTST, dk gy+ tr COAL									
	P	COAL+ SLTST, dk gy Polished rock		.86(39) .72(9)C							
3777-786	Ctgs	SND+ 30% SLTST, dk gy	6.5 - 7.0	.81(15) .65(32)C	30	50	20				
3903-912	"	SND+ mnr COAL+ mnr SH, dk gy									
	P	COAL+ SH, dk gy Polished rock		.82(46)							
3993-4002	Ctgs	SND+ mnr COAL+ tr SH									
	P	COAL+ SH Polished rock		.86(38)							

Maturity and Kerogen Composition Data

TABLE 1D

COMPANY: MOBIL NORWAY WELL: 35/11-2 LOCATION: NORWEGIAN NORTH SEA

GENERAL DATA			CHEMICAL ANALYSIS DATA											
				PYROLYSIS					SOLVENT EXTRACTION					
SAMPLE DEPTH (METRES)	SAMPLE TYPE	ANALYSED LITHOLOGY	ORGANIC CARBON % OF ROCK	TEMP - ERATURE °C	HYDROGEN INDEX	OXYGEN INDEX	PRODUCTION INDEX	POTENTIAL YIELD (ppm)	TOTAL EXTRACT (ppm)	HYDRO-CARBONS (ppm)	EXTRACT % OF ORGANIC CARBON	HYDROCARBONS mg/g OF ORGANIC CARBON	HYDROCARBONS % OF EXTRACT	ALKANES % OF HYDRO-CARBONS
1020-040	Ctgs	SND+ 20% LST, v lt gy+ 10% SH ol-gy, calc	-											
1220-240	"	SH, ol-gy+ mnr MDST, v lt gy, calc	-											
1420-440	"	SH, lt ol-gy+ 30% SH, brn-gy	-											
1480-490	"	SH, ol-gy+ mnr SH, brn-gy+ tr pyr+ tr SND	.46						30		.6			
1490-500	"	SH, ol-gy+ tr SH, brn-gy+ tr SND	.41						25		.6			
1510-520	"	SH, ol-gy+ tr SH, brn-blk+ tr SND	.64						60		.9			
1520-530	"	SH, ol-gy+ tr SH, brn-blk+ tr SND+ tr pyr	.60						10		.2			
1530-540	"	SH, ol-gy+ mnr SH, brn-blk+ tr SND	.94						30		.3			
1620-640	"	SH, ol-gy+ 20% SH, brn-gy+ mnr SST, v lt gy	.49											
1820-840	"	SH, ol-gy+ 10% SH, mod brn+ mnr SH, brn-gy	.48											
2005-015	"	SH, dk gn-gy+ 20% LST, wht	.59											
2165-175	"	SH, ol-gy+ tr LST, pnk-gy+ tr LST, wht	-											
2325-335	"	SH, ol-gy+ mnr ADD	-											
2332	Swc	CLYST, dk gy, slty	1.19											
2485-495	Ctgs	SH, ol-gy+ tr ADD	-											
2575-585	"	SH, ol-gy, calc	.78											
2595-605	"	SH, med-dk gy	1.01	432	29	98	.09	300						
2615-625	"	SH, med-dk gy	.89											
2635-645	"	SH, med-dk gy	.86											
2652-661	"	SH, med-dk gy+ tr ADD	1.39											
2670-679	"	SH, med-dk gy+ mnr SND+ tr ADD	.89											
2688-697	"	SH, dk gy+ 20% SST, v lt gy, calc+ mnr glc	.79											
	P	SH, dk gy	.99											
2706-715	Ctgs	SH, dk gy+ mnr SST, v lt gy, calc	.77											
2720.5	Swc	CLYST, med-dk gy, calc	1.10											
2724-733	Ctgs	SH, dk gy+ 10% SH, gy-red+ mnr SH, gn-gy	1.04											
	P	SH, dk gy	2.20	436	65	11	.06	1440						
2751-760	Ctgs	SH, med-dk gy+ 10% SH, dk gy + 10% SH, gy-red	.89											
	P	SH, dk gy	3.64	437	129	16	.02	4700						

Chemical Analysis Data

TABLE 2A

COMPANY: MOBIL NORWAY WELL: 35/11-2 LOCATION: NORWEGIAN NORTH SEA

GENERAL DATA			CHEMICAL ANALYSIS DATA												
				PYROLYSIS					SOLVENT EXTRACTION						
SAMPLE DEPTH (METRES)	SAMPLE TYPE	ANALYSED LITHOLOGY	ORGANIC CARBON % OF ROCK	TEMP - ERATURE °C	HYDROGEN INDEX	OXYGEN INDEX	PRODUCTION INDEX	POTENTIAL YIELD (ppm)	TOTAL EXTRACT (ppm)	HYDRO-CARBONS (ppm)	EXTRACT % OF ORGANIC CARBON	HYDROCARBONS mg/g OF ORGANIC CARBON	HYDROCARBONS % OF EXTRACT	ALKANES % OF HYDRO-CARBONS
2769-778	Ctgs	SH, dk gy+ 10% SH, med gy+ 10% SH, gy-red	.67											
2787-796	"	SH, med-dk gy+ mnr SH, gy-red	.66											
2814-823	"	SH, med-dk gy+ mnr SH, gy-red	.72											
2832-841	"	SH, med gy+ tr SH, gy-red	.77											
2850-859	"	SH, med gy+ tr SH, gy-red	.74											
2868-877	"	SH, med-dk gy+ tr SH, brn-gy	.74	436	24	66	.14	180						
2886-895	"	SH, med-dk gy	.70											
2904-913	"	SH, med-dk gy+ 10% SH, gy-red	.59											
2931-940	"	SH, med-dk gy+ 10% SH, gy-red	.92											
2940-949	"	SH, med-dk gy+ 10% SH, gy-red + mnr SH, med-lt gy	1.94											
2949-958	"	SH, dk gy+ mnr SH, med gy+ mnr SH, gy-red	3.06	433	394	16	.08	12080	2170		7.1			
2958-967	"	SH, dk gy+ mnr SH, med gy+ mnr SH, gy-red	3.51											
2967-976	"	SH, dk gy+ mnr SH, v lt gy+ mnr SH, gy-red	2.87	433	390	18	.08	11220						
2976-985	"	SH, dk gy+ tr SH, med gy+ tr SH, gy-red	6.32	436	450	11	.12	28440	7155	5090	11.3	81	71	56
2985-994	"	SH, dk gy+ mnr SH, v lt gy+ mnr SH, gy-red	3.33	432	398	17	.10	13280						
2994-3003	"	SH, dk gy+ tr SH, med gy+ tr SH, gy-red	9.30	436	480	19	.09	44650	9270	7185	10.0	77	78	48
3003-012	"	SH, dk gy	9.07	435	552	8	.10	50080	10965	7655	12.1	84	70	51
3005	Swc	CLYST, dk gy	6.89	434	445	10	.14	30720	9720	6930	14.1	101	71	64
3012-021	Ctgs	SH, dk gy+ tr SH, med gy	7.52	437	433	8	.12	32620	9170	6200	12.2	82	68	50
3021-030	"	SH, dk gy+ mnr SST, v lt gy+ mnr SH, gy-red	5.90	435	483	9	.10	28520	5255		8.9			
3030-039	"	SH, dk gy+ mnr SST, v lt gy+ tr SH, gy-red	4.60	435	399	13	.11	18400	4915		10.7			
3039-048	"	SH, med gy+ 40% SH, gy-blk+ 10% SND+ mnr SH, gy-red	3.11											
	P	SH, gy-blk	4.64	436	486	12	.08	22580						
3045	Core	MDST, dk gy, lam	5.17	437	216	14	.11	11180	2390	1725	4.6	33	72	40
3048-057	Ctgs	SH, med-dk gy+ 10% SH, dk gy + mnr SH, gy-red	2.50											
	P	SH, dk gy	4.55	438	380	14	.28	17320						
3057-066	Ctgs	SH, med-dk gy+ 40% SH, gy-blk + mnr SH, gy-red+ tr SND	2.24											
	P	SH, gy-blk	5.89	436	382	10	.09	22500						
3075-084	Ctgs	SH, dk gy+ mnr SH, med gy+ tr SH, gy-red	2.33	436	109	24	.15	2560						

Chemical Analysis Data

TABLE 2B

COMPANY: MOBIL NORWAY WELL: 35/11-2 LOCATION: NORWEGIAN NORTH SEA

GENERAL DATA			CHEMICAL ANALYSIS DATA												
				PYROLYSIS					SOLVENT EXTRACTION						
												HYDROCARBONS			
SAMPLE DEPTH (METRES)	SAMPLE TYPE	ANALYSED LITHOLOGY	ORGANIC CARBON % OF ROCK	TEMP – ERATURE °C	HYDROGEN INDEX	OXYGEN INDEX	PRODUCTION INDEX	POTENTIAL YIELD (ppm)	TOTAL EXTRACT (ppm)	HYDRO-CARBONS (ppm)	EXTRACT % OF ORGANIC CARBON	mg/g OF ORGANIC CARBON	% OF EXTRACT	ALKANES % OF HYDRO-CARBONS
3093-102	Ctgs	SH, dk gy+ tr SH, gy-red+ tr SND	1.87											
3111-120	"	SH, dk gy+ tr SH, gy-red+ tr SST, v lt gy	1.41											
3129-138	"	SLTST, brn-gy+ 10% SH, dk gy + tr SLTST, v lt gy	1.69	436	171	46	.11	2900						
	P	SH, dk gy	1.20											
3147-156	Ctgs	SLTST, brn-gy+ mnr SH, dk gy + mnr SH, gy-red	1.70	436	183	51	.11	3120						
3165-174	"	SLTST, brn-gy+ mnr SH, gy-red + mnr SH, dk gy	1.46											
3183-192	"	SLTST, brn-gy+ mnr SH, dk gy + tr SH, gy-red	1.95											
3201-210	"	SH, med-lt gy+ 10% SH, gy-blk + mnr SH, med gy+ mnr SH, gy-red	1.65											
	P	SH, gy-blk	3.69	435	462	15	.08	17080						
3210-219	Ctgs	SH, med-lt gy+ mnr SH, med gy + mnr SH, gy-red	1.87											
3219-228	"	SLTST, brn-gy+ mnr SH, dk gy + tr SH, gy-red+ tr SH, med gy	3.32	437	360	20	.10	11980	3490		10.5			
3228-237	"	SH, med-dk gy+ mnr SH, dk gy + tr SH, gy-red+ tr SH, med-lt gy	3.34											
3237-246	"	SLTST, brn-blk+ mnr SH, dk gy + tr SH, gy-red	3.55	437	414	14	.10	14700	3900	2865	11.0	81	74	49
3246-255	"	SLTST, brn-blk+ mnr SH, dk gy + tr SH, gy-red+ tr SH, med gy	4.04	438	377	13	.11	15250	4765		11.8			
3255-264	"	SLTST, brn-blk+ mnr SH, dk gy + tr SH, gy-red+ tr SH, med gy	3.85	435	421	12	.11	16210	4955	3635	12.9	94	73	52
3264-273	"	SLTST, brn-blk+ mnr SH, med-dk gy+ tr SH, gy-red+ tr SH, med-lt gy	3.75											
3273-282	"	SLTST, brn-blk+ tr SH, dk gy	3.46	438	356	18	.12	12340	3175	2645	9.2	76	83	48
3282-291	"	SLTST, brn-blk+ tr SH, dk gy + tr SH, gy-red	2.86	439	293	32	.13	8380						
3291-300	"	SLTST, med-dk gy+ mnr SH, dk gy+ tr SH, gy-red	2.20	439	238	54	.12	5250						
3309-318	"	SLTST, med-dk gy+ mnr SH, dk gy+ tr SH, gy-red	2.07											
3327-336	"	SH, med-lt gy+ 20% SLTST, brn-gy+ mnr SH, gy-red	1.99											
3345-354	"	SH, med-dk gy+ 20% SLTST, brn-gy+ tr SH, gy-red+ tr SH, med-lt gy	2.22	437	150	36	.12	3350						
3363-372	"	SLTST, dk gy+ 10% MDST, v lt gy, calc+ mnr SND+ tr COAL+ tr ADD	2.33											

Chemical Analysis Data

TABLE 2C

COMPANY: MOBIL NORWAY WELL: 35/11-2 LOCATION: NORWEGIAN NORTH SEA

GENERAL DATA			CHEMICAL ANALYSIS DATA												
				PYROLYSIS					SOLVENT EXTRACTION						
SAMPLE DEPTH (METRES)	SAMPLE TYPE	ANALYSED LITHOLOGY	ORGANIC CARBON % OF ROCK	TEMP - ERATURE °C	HYDROGEN INDEX	OXYGEN INDEX	PRODUCTION INDEX	POTENTIAL YIELD (ppm)	TOTAL EXTRACT (ppm)	HYDRO-CARBONS (ppm)	EXTRACT % OF ORGANIC CARBON	HYDROCARBONS mg/g OF ORGANIC CARBON	HYDROCARBONS % OF EXTRACT	ALKANES % OF HYDRO-CARBONS
3370	Core	SST, dk yel-brn, OS	.57						8180	7690	****	1349	94	79
3379	"	SST, med-dk gy+ 10% MDST, dk gy, lam+ tr COAL+ tr OS	1.04						1890		18.2			
3380	"	COAL+ 40% SST, brn-blk, carb + OS	-											
	P	COAL	70.90											
	P	SST, brn-blk, carb+ OS	1.83						4400		24.0			
3381-390	Ctgs	SLTST, dk gy+ 10% SST, v lt gy+ mnr COAL+ tr MDST, v lt gy, calc+ tr glc	9.07	440	199	14	.13	18100	7520	3820	8.3	42	51	33
3385	Core	SST, dk yel-brn, carb+ OS+ 10% COAL	3.33						5845	4735	17.5	142	81	71
3393.7	"	COAL	-											
3399-408	Ctgs	SLTST, dk gy+ 10% SST, v lt gy+ 10% COAL+ tr glc+ tr ADD	5.50											
3411	Core	MDST, dk gy, lam	1.51											
3416.5	"	MDST, dk gy	2.76	444	168	17	.10	4650	1350		4.9			
3417-426	Ctgs	SLTST, dk gy+ mnr SST, v lt gy+ tr COAL+ tr ADD	4.90	444	130	22	.14	6380						
3420	Core	MDST, dk gy, carb	4.38	448	231	21	.10	10120	6015	3860	13.7	88	63	57
3435-444	Ctgs	SLTST, dk gy+ 10% SST, v lt gy+ tr COAL+ tr glc+ tr ADD	3.36											
3453-462	"	SLTST, dk gy+ 20% SST, v lt gy+ mnr SND+ tr ADD	3.82											
3456.6	Core	MDST, dk gy	4.46	447	150	17	.10	6700						
3464.5	"	MDST, blk	1.58											
3465.4	"	COAL	83.70											
3467.8	"	CLYST, ol-blk	26.30	450	207	18	.09	54500	18840	12060	7.2	46	64	50
3471-480	Ctgs	SND+ 30% SLTST, dk gy+ mnr SST, v lt gy+ tr ADD	-											
	P	SLTST, dk gy	3.38	448	123	29	.13	4180						
3475	Swc	CLYST, ol-blk	19.40	450	204	14	.08	39660	12835		6.6			
3489-498	Ctgs	SLTST, dk gy+ 20% SST, v lt gy+ tr SND+ tr ADD	-											
3507-516	"	SLTST, dk gy+ 10% SST, v lt gy+ tr SND+ tr ADD	-											
3520	Swc	SLTST, med-dk gy, mic	1.40											
3525-534	Ctgs	SND+ 30% SLTST, dk gy	1.12						3685	3280	32.9	293	89	76
	P	SLTST, dk gy	1.63											
3543-552	Ctgs	SND+ mnr SLTST, med-dk gy+ tr COAL	-											
3561-570	"	SND+ 10% SLTST, dk gy	-											

Chemical Analysis Data

TABLE 2D

COMPANY: MOBIL NORWAY WELL: 35/11-2 LOCATION: NORWEGIAN NORTH SEA

GENERAL DATA			CHEMICAL ANALYSIS DATA												
				PYROLYSIS					SOLVENT EXTRACTION						
												HYDROCARBONS			
SAMPLE DEPTH (METRES)	SAMPLE TYPE	ANALYSED LITHOLOGY	ORGANIC CARBON % OF ROCK	TEMP. – °C ERATURE	HYDROGEN INDEX	OXYGEN INDEX	PRODUCTION INDEX	POTENTIAL YIELD (ppm)	TOTAL EXTRACT (ppm)	HYDRO-CARBONS (ppm)	EXTRACT % OF ORGANIC CARBON	mg/g OF ORGANIC CARBON	% OF EXTRACT	ALKANES % OF HYDRO-CARBONS
3579-588	Ctgs	SND+ 20% SLTST, dk gy	.50											
	P	SLTST, dk gy	1.79											
3597-606	Ctgs	SND+ 30% SLTST, dk gy	.94											
	P	SLTST, dk gy	1.50											
3615-624	Ctgs	SND+ 10% SLTST, dk gy	-											
3633-642	"	SND+ mnr SLTST, dk gy+ tr COAL	-											
3651-660	"	SND+ 10% SLTST, dk gy+ tr COAL	-						490					
3664-678	"	SND+ 10% SLTST, dk gy	-											
3687-696	"	SND+ mnr SLTST, dk gy	-						310					
3705-714	"	SND+ 10% SLTST, dk gy	.89						745	525	8.4	59	70	70
	P	SLTST, dk gy	2.27											
3723-732	Ctgs	SND+ 30% SLTST, dk gy+ tr COAL	-											
	P	SLTST, dk gy	1.75											
3741-750	Ctgs	SND+ 20% SLTST, dk gy	-											
3759-768	"	SND+ 10% SLTST, dk gy	.31											
3777-786	"	SND+ 30% SLTST, dk gy	-											
	P	SLTST, dk gy	1.59											
3795-804	Ctgs	SND+ 20% SLTST, dk gy+ tr glc	-											
3813-822	"	SND+ tr COAL	-											
3831-840	"	SND+ tr COAL	-											
3849-858	"	SND+ tr COAL+ tr glc	-						230					
3867-876	"	SND+ mnr COAL+ tr glc	-											
3885-894	"	SND+ mnr COAL+ tr glc	-											
3903-912	"	SND+ mnr COAL+ mnr SH, dk gy	1.25											
3921-930	"	SND+ mnr COAL+ tr SH, dk gy	-											
3939-948	"	SND+ mnr COAL+ tr SH, dk gy	-											
3957-966	"	SND+ mnr COAL	-											
3975-984	"	SND+ mnr COAL	-											
3993-4002	"	SND+ mnr COAL+ tr SH	.34						140		4.1			
4011-020	"	SND+ mnr COAL+ tr glc	-											

Chemical Analysis Data

TABLE 2E

TABLE 3

Rock-Eval Pyrolysis Data

COMPANY: MOBIL NORWAY WELL: 35/11-2 LOCATION: NORWEGIAN NORTH SEA

DEPTH (METRES)	S1	S2	S3	Tmax	TOC	HI	OI	S2/S3	PI	SP
2595-2605	30	300	990	432	1.01	29	98	0	0.09	330
2724-2733(P)	100	1440	250	436	2.20	65	11	6	0.06	1540
2751-2760(P)	120	4700	600	437	3.64	129	16	8	0.02	4820
2868-2877	30	180	490	436	0.74	24	66	0	0.14	210
2949-2958	1090	12080	520	433	3.06	394	16	23	0.08	13170
2967-2976	1040	11220	520	433	2.87	390	18	22	0.08	12260
2976-2985	3760	28440	720	436	6.32	450	11	40	0.12	32200
2985-2994	1410	13280	590	432	3.33	398	17	23	0.10	14690
2994-3003	4200	44650	1800	436	9.30	480	19	24	0.09	48850
3003-3012	5780	50080	780	435	9.07	552	8	64	0.10	55860
3005(swc)	4880	30720	740	434	6.89	445	10	42	0.14	35600
3012-3021	4440	32620	660	437	7.52	433	8	49	0.12	37060
3021-3030	3180	28520	540	435	5.90	483	9	52	0.10	31700
3030-3039	2300	18400	640	435	4.60	399	13	29	0.11	20700
3039-3048(P)	1840	22580	580	436	4.64	486	12	38	0.08	24420
3045(core)	1340	11180	740	437	5.17	216	14	15	0.11	12520
3048-3057(P)	6580	17320	660	438	4.55	380	14	26	0.28	23900
3057-3066(P)	2120	22500	620	436	5.89	382	10	36	0.09	24620
3075-3084	460	2560	580	436	2.33	109	24	4	0.15	3020
3129-3138	370	2900	780	436	1.69	171	46	4	0.11	3270
3147-3156	390	3120	870	436	1.70	183	51	4	0.11	3510
3201-3210(P)	1540	17080	590	435	3.69	462	15	29	0.08	18620
3219-3228	1370	11980	680	437	3.32	360	20	18	0.10	13350
3237-3246	1650	14700	500	437	3.55	414	14	29	0.10	16350
3246-3255	1830	15250	530	438	4.04	377	13	29	0.11	17080
3255-3264	2060	16210	500	435	3.85	421	12	32	0.11	18270
3273-3282	1650	12340	650	438	3.46	356	18	19	0.12	13990
3282-3291	1200	8380	920	439	2.86	293	32	9	0.13	9580
3291-3300	730	5250	1200	439	2.20	238	54	4	0.12	5980
3345-3354	460	3350	800	437	2.22	150	36	4	0.12	3810
3381-3390	2660	18100	1340	440	9.07	199	14	14	0.13	20760
3416.5(core)	540	4650	470	444	2.76	168	17	10	0.10	5190
3417-3426	1000	6380	1080	444	4.90	130	22	6	0.14	7380
3420(core)	1100	10120	940	448	4.38	231	21	11	0.10	11220
3456.6(core)	740	6700	800	447	4.46	150	17	8	0.10	7440
3467.8(core)	520	54500	480	450	26.30	207	18	11	0.09	55020
3471-3480(P)	620	4180	1000	448	3.38	123	29	4	0.13	4800
3475(swc)	3600	39660	2730	450	19.40	204	14	15	0.08	43260

Explanatory notes:

S1 - free hydrocarbons (ppm)
S2 - pyrolytic hydrocarbon yield (ppm)
S3 - carbon dioxide yield (ppm)
Tmax - temperature of maximum hydrocarbon evolution (°C)
TOC - total organic carbon content
(P) - denotes picked lithology
HI - hydrogen index (mg/gTOC)
OI - oxygen index (mg/gTOC)
S2/S3 - kerogen type index
PI - production index (S1/S1+S2)
SP - source potential (S1+S2)

COMPANY: MOBIL NORWAY **WELL:** 35/11-2 **LOCATION:** NORWEGIAN NORTH SEA

SAMPLE DEPTH (METRES)	RELATIVE GASEOUS HYDROCARBON COMPONENT ABUNDANCE (%)					TOTAL ABUNDANCE (ppm)	TOTAL C_2-C_4 (%)	RATIO *i*-Butane / *n*-Butane
	C_1	C_2	C_3	*i*-C_4	*n*-C_4			
1020-040	97.20	1.50	1.00	.10	.20	3340	2.80	.35
1120-140	99.40	.30	.10	.00	.20	640	.60	.00
1220-240	76.00	2.30	5.70	.00	16.00	5	24.00	.00
1320-340	81.50	3.00	5.50	5.20	4.80	4370	18.50	1.07
1420-440	49.80	10.40	6.80	15.80	17.20	625	50.20	.92
1520-540	63.10	19.00	9.70	4.30	3.90	75	36.90	1.08
1620-640	76.80	14.30	4.80	2.60	1.50	1585	23.20	1.69
1720-740	67.80	21.70	5.60	2.90	2.00	525	32.20	1.51
1820-840	86.10	6.40	3.20	2.60	1.70	500	13.90	1.57
1920-940	74.40	4.90	4.80	7.50	8.40	25	25.60	.88
2005-015	70.80	6.00	5.00	9.50	8.70	25	29.20	1.09
2085-095	55.60	1.10	7.40	17.50	18.40	25	44.40	.95
2165-175	51.10	6.90	9.20	11.10	21.70	45	48.90	.51
2245-255	81.90	6.20	5.50	3.70	2.70	470	18.10	1.36
2325-335	85.80	6.70	4.00	2.40	1.10	19800	14.20	2.20
2405-415	81.80	8.60	5.20	3.00	1.40	1890	18.20	2.19
2485-495	82.50	10.20	4.30	1.80	1.20	2640	17.50	1.59
2565-575	67.10	14.40	11.20	4.70	2.60	800	32.90	1.83
2575-585	46.90	15.80	20.20	11.10	6.00	65	53.10	1.85
2585-595	60.10	17.60	13.30	5.60	3.40	370	39.90	1.65
2595-605	51.50	19.10	19.70	7.40	2.30	370	48.50	3.19
2605-615	64.80	18.80	11.10	3.50	1.80	1315	35.20	1.93
2615-625	54.90	14.30	17.10	8.70	5.00	425	45.10	1.75
2625-635	53.80	15.90	18.70	7.60	4.00	590	46.20	1.90
2635-645	57.80	24.00	13.60	2.90	1.70	1265	42.20	1.66
2645-652	53.08	21.80	16.40	5.20	2.80	885	46.92	1.87
2652-661	50.60	22.00	18.80	5.50	3.10	785	49.40	1.79

Note: Total gaseous hydrocarbon abundance values are expressed as volume of hydrocarbon gases relative to volume of airspace

TABLE 4A Airspace Gaseous Hydrocarbon Analysis Data

COMPANY: MOBIL NORWAY **WELL:** 35/11-2 **LOCATION:** NORWEGIAN NORTH SEA

SAMPLE DEPTH (METRES)	RELATIVE GASEOUS HYDROCARBON COMPONENT ABUNDANCE (%)					TOTAL ABUNDANCE (ppm)	TOTAL C_2-C_4 (%)	RATIO *i*-Butane / *n*-Butane
	C_1	C_2	C_3	*i*-C_4	*n*-C_4			
2661-670	53.80	22.10	16.90	4.50	2.70	1170	46.20	1.65
2670-679	50.00	21.80	18.60	6.50	3.10	785	50.00	2.10
2679-688	49.70	25.90	17.70	3.90	2.80	745	50.30	1.38
2688-697	65.20	23.20	8.80	1.70	1.10	2050	34.80	1.46
2697-706	70.70	15.10	10.70	2.10	1.40	2370	29.30	1.46
2706-715	74.10	15.30	8.50	1.20	.90	5215	25.90	1.38
2715-724	68.50	18.20	10.30	1.60	1.40	1560	31.50	1.12
2724-733	77.50	15.30	5.90	.60	.70	3465	22.50	.78
2733-742	80.90	12.70	5.20	.60	.60	4040	19.10	1.07
2751-760	66.70	21.60	9.20	1.30	1.20	890	33.30	1.09
2760-769	84.40	9.40	4.70	.80	.70	4130	15.60	1.10
2769-778	80.00	9.90	7.60	1.30	1.20	2455	20.00	1.10
2778-787	36.60	13.40	34.00	7.70	8.30	365	63.40	.93
2787-796	38.90	15.50	32.20	6.60	6.80	205	61.10	.97
2796-814	77.60	10.70	8.90	1.30	1.50	5015	22.40	.86
2814-823	70.90	4.30	16.60	3.90	4.30	30	29.10	.93
2823-832	36.90	19.30	31.90	5.70	6.20	615	63.10	.92
2832-841	44.10	18.60	26.70	4.20	6.40	1350	55.90	.66
2841-850	32.70	19.80	33.20	6.40	7.90	620	67.30	.80
2850-859	43.00	20.30	26.90	4.00	5.80	2685	57.00	.76
2859-868	39.50	19.70	29.30	4.30	7.20	2000	60.50	.59
2868-877	35.60	21.10	30.20	4.20	8.90	1650	64.40	.46
2877-886	33.40	17.50	33.50	4.40	11.20	1985	66.60	.39
2886-895	34.70	17.00	32.40	3.90	12.00	1250	65.30	.32
2895-904	43.20	16.30	27.60	3.00	9.90	2365	56.80	.31
2904-913	23.40	11.30	42.20	4.90	18.20	180	76.60	.27
2913-922	39.50	12.30	28.00	3.90	16.30	1245	60.50	.24

Note: Total gaseous hydrocarbon abundance values are expressed as volume of hydrocarbon gases relative to volume of airspace

TABLE 4B Airspace Gaseous Hydrocarbon Analysis Data

COMPANY: MOBIL NORWAY **WELL:** 35/11-2 **LOCATION:** NORWEGIAN NORTH SEA

SAMPLE DEPTH (METRES)	RELATIVE GASEOUS HYDROCARBON COMPONENT ABUNDANCE (%)					TOTAL ABUNDANCE (ppm)	TOTAL C_2-C_4 (%)	RATIO *i*-Butane / *n*-Butane
	C_1	C_2	C_3	*i*-C_4	*n*-C_4			
2931-940	36.90	15.40	28.10	3.80	15.80	8670	63.10	.24
2940-949	33.40	16.90	29.80	3.80	16.10	49565	66.60	.23
2949-958	35.20	17.20	28.50	3.50	15.60	68915	64.80	.22
2958-967	32.60	18.80	29.70	3.60	15.30	83175	67.40	.23
2967-976	27.40	17.50	31.70	4.40	19.00	91075	72.60	.23
2976-985	32.80	16.10	28.20	4.30	18.60	39685	67.20	.23
2985-994	33.30	15.80	28.70	4.00	18.20	72990	66.70	.22
2994-3003	28.40	17.60	32.70	4.30	17.00	70550	71.60	.25
3003-012	44.70	19.80	22.30	2.80	10.40	128625	55.30	.27
3012-021	19.70	13.40	35.60	6.00	25.30	28825	80.30	.24
3021-030	26.20	16.60	33.10	4.90	19.20	54205	73.80	.26
3030-039	33.30	21.80	28.40	3.40	13.10	41205	66.70	.26
3039-048	38.40	19.70	25.70	3.40	12.80	21215	61.60	.26
3048-057	63.50	19.80	12.10	1.10	3.50	33975	36.50	.33
3057-066	56.50	21.00	15.60	1.70	5.20	17745	43.50	.33
3066-075	49.10	20.30	20.50	2.40	7.10	7540	50.90	.31
3075-084	47.90	18.90	22.30	2.50	8.40	7625	52.10	.30
3084-093	43.00	16.40	24.30	3.50	12.80	7830	57.00	.27
3093-102	46.70	12.70	24.60	4.00	12.00	9295	53.30	.34
3102-111	28.20	17.30	29.30	5.20	23.60	1745	71.80	.22
3111-120	22.70	12.40	34.00	6.30	24.60	13255	77.30	.26
3120-129	10.80	11.70	42.50	6.90	28.10	12920	89.20	.25
3129-138	15.20	13.30	39.20	6.20	26.10	16140	84.80	.24
3138-147	22.80	12.30	34.30	6.30	24.30	13270	77.20	.26
3147-156	18.10	11.10	37.70	6.50	26.60	13020	81.90	.25
3156-165	5.90	8.60	42.40	8.10	35.00	3230	94.10	.23
3165-174	21.40	11.80	37.00	5.90	23.90	7370	78.60	.25

Note: Total gaseous hydrocarbon abundance values are expressed as volume of hydrocarbon gases relative to volume of airspace

TABLE 4C Airspace Gaseous Hydrocarbon Analysis Data

COMPANY: MOBIL NORWAY **WELL:** 35/11-2 **LOCATION:** NORWEGIAN NORTH SEA

SAMPLE DEPTH (METRES)	RELATIVE GASEOUS HYDROCARBON COMPONENT ABUNDANCE (%)					TOTAL ABUNDANCE (ppm)	TOTAL C_2-C_4 (%)	RATIO *i*-Butane / *n*-Butane
	C_1	C_2	C_3	*i*-C_4	*n*-C_4			
3174-183	13.80	12.50	38.40	6.20	29.10	3865	86.20	.21
3183-192	14.90	9.70	42.10	6.30	27.00	2445	85.10	.23
3192-201	35.00	16.90	30.30	3.40	14.40	43195	65.00	.23
3201-210	35.90	17.50	30.90	2.90	12.80	40940	64.10	.23
3210-219	36.00	16.70	30.60	3.20	13.50	63080	64.00	.24
3219-228	32.40	19.40	32.00	3.20	13.00	111620	67.60	.25
3228-237	17.30	18.10	40.10	4.40	20.10	44815	82.70	.22
3237-246	20.50	14.30	34.80	5.10	25.30	29030	79.50	.22
3246-255	6.60	9.80	41.80	6.80	35.00	10315	93.40	.19
3255-264	14.80	13.60	39.50	5.90	26.20	10420	85.20	.22
3264-273	12.70	12.60	40.00	5.80	28.90	14380	87.30	.20
3273-282	20.80	15.70	36.90	4.50	20.10	70575	79.20	.23
3282-291	26.20	14.70	35.10	4.50	19.50	59950	73.80	.23
3291-300	26.90	14.40	35.30	5.00	18.40	50020	73.10	.27
3300-309	28.50	12.80	32.10	5.00	21.50	30715	71.50	.23
3309-318	25.10	14.10	35.80	5.50	19.50	20495	74.90	.28
3318-327	46.30	10.80	23.60	4.20	15.10	10285	53.70	.27
3327-336	27.70	23.00	32.60	3.40	13.30	58905	72.30	.26
3336-345	32.40	25.80	29.50	3.30	9.30	91900	67.60	.33
3345-354	29.50	26.60	30.70	2.80	10.40	34415	70.50	.27
3354-363	41.20	28.70	22.50	1.80	5.80	71785	58.80	.31
3363-372	20.60	19.40	31.60	7.50	20.90	22900	79.40	.36
3381-390	59.70	27.90	10.20	.70	1.50	50405	40.30	.42
3399-408	65.50	19.70	10.00	1.60	3.20	72915	34.50	.51
3417-426	63.40	26.20	8.40	.70	1.30	54355	36.60	.55
3435-444	72.50	18.60	6.90	.70	1.30	83650	27.50	.54
3453-462	69.10	17.60	8.80	1.60	2.90	82715	30.90	.55

Note: Total gaseous hydrocarbon abundance values are expressed as volume of hydrocarbon gases relative to volume of airspace

TABLE 4D Airspace Gaseous Hydrocarbon Analysis Data

COMPANY: MOBIL NORWAY **WELL:** 35/11-2 **LOCATION:** NORWEGIAN NORTH SEA

SAMPLE DEPTH (METRES)	RELATIVE GASEOUS HYDROCARBON COMPONENT ABUNDANCE (%)					TOTAL ABUNDANCE (ppm)	TOTAL C_2-C_4 (%)	RATIO *i*-Butane / *n*-Butane
	C_1	C_2	C_3	*i*-C_4	*n*-C_4			
3471-480	66.40	25.70	6.40	.60	.90	111200	33.60	.65
3489-498	84.10	10.20	4.10	.50	1.10	56005	15.90	.44
3507-516	75.00	14.20	7.20	1.20	2.40	33795	25.00	.49
3525-534	88.00	7.80	2.70	.40	1.10	43085	12.00	.39
3543-552	64.30	17.50	10.80	2.50	4.90	16470	35.70	.51
3561-570	61.20	16.80	12.80	3.30	5.90	16215	38.80	.56
3579-588	61.50	17.20	12.50	2.50	6.30	6400	38.50	.40
3597-606	66.60	12.30	12.40	2.50	6.20	76650	33.40	.40
3615-624	41.70	16.80	23.70	5.00	12.80	26940	58.30	.39
3633-642	54.70	18.70	15.90	3.50	7.20	14890	45.30	.49
3651-660	80.40	10.40	6.10	1.00	2.10	47790	19.60	.46
3664-678	66.40	15.60	11.70	2.10	4.20	29845	33.60	.48
3687-696	79.40	11.90	6.10	.90	1.80	31110	20.60	.46
3705-714	71.00	15.30	9.10	1.30	3.30	47745	29.00	.37
3723-732	52.10	16.90	18.80	3.50	8.70	97490	47.90	.39
3741-750	42.60	19.50	24.40	3.80	9.70	20330	57.40	.39
3759-768	40.10	20.00	24.90	4.10	10.90	6650	59.90	.37
3777-786	48.00	8.20	23.50	5.70	14.60	3090	52.00	.39
3795-804	26.70	20.50	31.70	6.60	14.50	15665	73.30	.46
3813-822	55.70	13.50	17.10	3.60	10.10	3220	44.30	.36
3831-840	74.20	13.90	7.90	1.10	2.90	12575	25.80	.39
3849-858	55.70	26.60	12.90	1.60	3.20	14665	44.30	.50
3867-876	61.50	25.60	10.00	1.00	1.90	62115	38.50	.53
3885-894	67.70	24.00	6.70	.60	1.00	49565	32.30	.60
3903-912	77.90	16.40	4.60	.40	.70	81735	22.10	.66
3921-930	74.60	18.90	5.30	.40	.80	55960	25.40	.56
3939-948	81.40	14.40	3.20	.40	.60	57360	18.60	.64

Note: Total gaseous hydrocarbon abundance values are expressed as volume of hydrocarbon gases relative to volume of airspace

TABLE 4E Airspace Gaseous Hydrocarbon Analysis Data

COMPANY: MOBIL NORWAY **WELL:** 35/11-2 **LOCATION:** NORWEGIAN NORTH SEA

SAMPLE DEPTH (METRES)	RELATIVE GASEOUS HYDROCARBON COMPONENT ABUNDANCE (%)					TOTAL ABUNDANCE (ppm)	TOTAL C_2-C_4 (%)	RATIO *i*-Butane / *n*-Butane
	C_1	C_2	C_3	*i*-C_4	*n*-C_4			
3957-966	82.60	13.70	3.00	.30	.40	64805	17.40	.64
3975-984	80.80	14.00	4.00	.40	.80	31110	19.20	.51
3993-4002	81.70	13.20	3.90	.50	.70	38990	18.30	.62
4011-020	83.90	12.60	2.80	.30	.40	59680	16.10	.62

Note: Total gaseous hydrocarbon abundance values are expressed as volume of hydrocarbon gases relative to volume of airspace

TABLE 4F Airspace Gaseous Hydrocarbon Analysis Data

COMPANY: MOBIL NORWAY **WELL:** 35/11-2 **LOCATION:** NORWEGIAN NORTH SEA

DEPTH: (METRES)	1320–1340	1480–1490	1490–1500	1510–1520	2325–2335	2706–2715	2940–2949
GASOLINE HYDROCARBON COMPONENTS	**RELATIVE GASOLINE HYDROCARBON COMPONENT ABUNDANCES (%)**						
i – BUTANE	20.12	4.81	3.13	7.31	13.80	14.53	3.42
n – BUTANE	30.05	5.07	3.15	10.80	5.26	20.04	20.94
i – PENTANE	20.30	5.96	7.21	15.91	7.87	5.70	7.47
n – PENTANE	16.98	6.36	10.15	16.03	8.75	6.25	12.03
2, 2 – DIMETHYL BUTANE	0.21	1.53	1.08	1.14	1.13	0.42	0.01
CYCLOPENTANE	0.67	0.25	0.05	0.24	0.61	0.65	3.35
2, 3 – DIMETHYL BUTANE	0.45	4.09	4.86	2.81	0.92	0.46	0.28
2 – METHYL PENTANE	1.44	6.16	6.75	6.78	5.39	3.33	2.79
3 – METHYL PENTANE	0.65	6.37	6.20	5.06	4.35	1.92	2.21
n – HEXANE	1.04	7.93	8.53	8.39	21.10	5.48	5.05
2, 2 – DIMETHYL PENTANE / METHYL CYCLOPENTANE	2.55	3.69	3.38	3.88	3.73	1.82	9.79
2, 4 – DIMETHYL PENTANE	0.07	2.40	3.22	0.66	0.15	1.68	0.16
BENZENE	0.20	0.21	0.14	0.24	3.25	6.43	3.00
3, 3 – DIMETHYL PENTANE	0.01	0.78	0.90	0.29	0.08	0.08	0.01
CYCLOHEXANE	1.71	2.67	2.11	3.73	1.70	2.29	4.19
2 – METHYL HEXANE	0.13	9.32	9.65	1.33	1.28	1.30	1.17
1, 1 – DIMETHYL CYCLOPENTANE	0.02	3.15	3.04	1.77	0.42	0.35	0.28
3 – METHYL HEXANE	0.08	6.80	6.42	1.67	0.46	0.72	1.23
1, *cis* – 3 – DIMETHYL CYCLOPENTANE	0.44	2.34	2.62	1.16	0.34	0.29	1.37
1, *trans* – 3 – DIMETHYL CYCLOPENTANE	0.53	2.28	2.32	0.96	0.21	1.21	1.29
1, *trans* – 2 – DIMETHYL CYCLOPENTANE	0.37	2.76	2.35	1.29	0.25	0.51	3.36
3 – ETHYL PENTANE							
n – HEPTANE	0.30	4.45	3.46	1.37	2.34	2.73	2.23
1, *cis* – 2 – DIMETHYL CYCLOPENTANE / METHYL CYCLOHEXANE	0.85	9.10	7.68	6.07	3.39	4.23	6.07
ETHYL CYCLOPENTANE	0.09	0.80	0.84	0.30	0.56	0.24	1.33
TOLUENE	0.73	0.72	0.79	0.83	12.67	11.36	6.97
TOTAL ABUNDANCE (ppb)	3430	360	310	950	540	1035	99170
ORGANIC CARBON (%)	–	–	–	–	–	0.77	–
GASOLINE ABUNDANCE AT 1% ORGANIC CARBON	–	–	–	–	–	1344	–

Note: Total gasoline abundance values are expressed as weight of gas relative to weight of wet rock.

TABLE 5A Gasoline Hydrocarbon Analysis Data

COMPANY: MOBIL NORWAY **WELL:** 35/11-2 **LOCATION:** NORWEGIAN NORTH SEA

DEPTH: (METRES)	2985-2994	3003-3012	3048-3057	3129-3138	3219-3228	3273-3282	3336-3345
GASOLINE HYDROCARBON COMPONENTS	**RELATIVE GASOLINE HYDROCARBON COMPONENT ABUNDANCES (%)**						
i-BUTANE	1.87	0.83	3.62	2.74	3.73	2.34	4.60
n-BUTANE	11.19	5.80	16.82	16.44	22.91	15.63	25.07
i-PENTANE	5.74	3.63	6.60	7.38	7.39	7.63	6.00
n-PENTANE	9.48	7.09	9.68	12.74	12.65	14.99	10.48
2, 2 – DIMETHYL BUTANE	0.02	0.03	0.06	0.03	0.01	0.03	0.02
CYCLOPENTANE	2.48	1.97	2.54	2.55	3.22	2.41	2.40
2, 3 – DIMETHYL BUTANE	0.35	0.22	0.28	0.27	0.21	0.33	0.24
2 – METHYL PENTANE	2.70	2.64	2.68	2.88	2.57	3.71	1.88
3 – METHYL PENTANE	2.30	2.30	2.21	2.23	1.86	2.46	1.33
n – HEXANE	5.73	6.50	5.14	6.12	5.23	8.44	4.04
2, 2 – DIMETHYL PENTANE / METHYL CYCLOPENTANE	9.86	8.47	8.09	8.30	8.08	8.05	5.73
2, 4 – DIMETHYL PENTANE	0.18	0.19	0.14	0.13	0.13	0.20	0.10
BENZENE	3.49	5.52	4.84	2.22	2.86	1.09	4.68
3, 3 – DIMETHYL PENTANE	0.03	0.03	0.02	0.01	0.01	0.01	0.04
CYCLOHEXANE	4.84	4.75	5.80	7.76	6.98	7.48	8.88
2 – METHYL HEXANE	1.51	2.00	1.38	1.23	0.94	1.51	0.68
1, 1 – DIMETHYL CYCLOPENTANE	0.40	0.34	0.32	0.28	0.27	0.37	0.24
3 – METHYL HEXANE	1.64	2.17	1.40	1.21	0.86	1.32	0.61
1, *cis* – 3 – DIMETHYL CYCLOPENTANE	1.70	1.62	1.22	1.14	0.92	1.09	0.64
1, *trans* – 3 – DIMETHYL CYCLOPENTANE	1.59	1.55	1.15	1.07	0.87	1.03	0.61
1, *trans* – 2 – DIMETHYL CYCLOPENTANE	4.14	4.30	3.10	2.34	1.92	2.14	1.34
3 – ETHYL PENTANE							
n-HEPTANE	3.16	4.48	2.51	2.80	2.08	3.84	1.68
1, *cis* – 2 – DIMETHYL CYCLOPENTANE / METHYL CYCLOHEXANE	8.59	8.59	7.59	9.30	7.48	9.37	8.04
ETHYL CYCLOPENTANE	1.82	2.04	1.22	0.91	0.73	0.71	0.52
TOLUENE	15.22	22.96	11.61	7.94	6.10	3.83	10.16
TOTAL ABUNDANCE (ppb)	8155	15705	38380	85845	75105	21270	51815
ORGANIC CARBON (%)	3.32	9.07	–	1.76	3.25	3.38	–
GASOLINE ABUNDANCE AT 1% ORGANIC CARBON	2456	1732	–	48776	23109	6293	–

Note: Total gasoline abundance values are expressed as weight of gas relative to weight of wet rock.

TABLE 5B Gasoline Hydrocarbon Analysis Data

COMPANY: MOBIL NORWAY **WELL:** 35/11-2 **LOCATION:** NORWEGIAN NORTH SEA

DEPTH: (METRES)	3399-3408	3435-3444	3471-3480	3597-3606	3651-3660	3723-3732	3903-3912
GASOLINE HYDROCARBON COMPONENTS	**RELATIVE GASOLINE HYDROCARBON COMPONENT ABUNDANCES (%)**						
i – BUTANE	4.99	4.08	5.30	2.37	1.90	4.18	8.33
n – BUTANE	20.53	17.01	18.96	10.27	8.34	17.82	24.52
i – PENTANE	4.51	4.87	4.47	5.31	3.48	6.13	6.57
n – PENTANE	7.38	7.24	6.78	9.04	5.63	9.61	7.35
2, 2 – DIMETHYL BUTANE	0.09	0.08	0.08	0.09	0.12	0.07	0.09
CYCLOPENTANE	1.27	1.27	1.31	1.44	0.74	1.21	0.99
2, 3 – DIMETHYL BUTANE	0.31	0.44	0.38	0.46	0.49	0.41	0.39
2 – METHYL PENTANE	2.03	2.43	2.04	2.98	3.66	2.58	1.51
3 – METHYL PENTANE	1.41	1.72	1.35	1.91	2.31	1.68	1.00
n – HEXANE	3.81	4.59	3.99	6.55	7.86	5.99	2.48
2, 2 – DIMETHYL PENTANE / METHYL CYCLOPENTANE	4.09	4.64	4.08	7.13	4.54	5.20	3.73
2, 4 – DIMETHYL PENTANE	0.19	0.19	0.17	0.23	0.49	0.19	0.14
BENZENE	6.53	4.74	7.34	1.02	1.48	2.08	5.57
3, 3 – DIMETHYL PENTANE	0.10	0.13	0.04	0.05	0.08	0.03	0.03
CYCLOHEXANE	7.86	8.99	8.23	13.71	7.27	9.46	7.31
2 – METHYL HEXANE	1.32	1.60	1.21	1.82	4.09	1.47	0.60
1, 1 – DIMETHYL CYCLOPENTANE	0.49	0.56	0.40	0.64	0.68	0.44	0.22
3 – METHYL HEXANE	1.11	1.34	0.99	1.49	3.53	1.22	0.47
1, *cis* – 3 – DIMETHYL CYCLOPENTANE	0.70	0.86	0.63	1.12	1.38	0.78	0.36
1, *trans* – 3 – DIMETHYL CYCLOPENTANE	0.67	0.83	0.62	1.06	1.30	0.76	0.34
1, *trans* – 2 – DIMETHYL CYCLOPENTANE	1.57	1.80	1.30	1.86	2.65	1.41	0.60
3 – ETHYL PENTANE							
n – HEPTANE	2.34	2.92	2.50	4.28	10.40	4.45	1.04
1, *cis* – 2 – DIMETHYL CYCLOPENTANE / METHYL CYCLOHEXANE	12.19	14.89	12.62	20.02	21.09	16.43	9.06
ETHYL CYCLOPENTANE	0.50	0.58	0.48	0.59	0.92	0.48	0.27
TOLUENE	14.03	12.21	14.72	4.55	5.59	5.93	17.06
TOTAL ABUNDANCE (ppb)	29405	28230	50180	193415	26090	25810	30310
ORGANIC CARBON (%)	5.50	3.36	–	0.94	–	–	1.25
GASOLINE ABUNDANCE AT 1% ORGANIC CARBON	5346	8402	–	205761	–	–	24248

Note: Total gasoline abundance values are expressed as weight of gas relative to weight of wet rock.

TABLE 5C Gasoline Hydrocarbon Analysis Data

COMPANY: MOBIL NORWAY **WELL:** 35/11-2 **LOCATION:** NORWEGIAN NORTH SEA

DEPTH: (METRES)	3957-3966	4011-4020					
GASOLINE HYDROCARBON COMPONENTS	**RELATIVE GASOLINE HYDROCARBON COMPONENT ABUNDANCES (%)**						
i-BUTANE	8.90	8.63					
n-BUTANE	25.36	24.08					
i-PENTANE	6.79	6.68					
n-PENTANE	6.94	6.69					
2, 2 – DIMETHYL BUTANE	0.12	0.04					
CYCLOPENTANE	1.04	0.93					
2, 3 – DIMETHYL BUTANE	0.33	0.44					
2 – METHYL PENTANE	1.40	1.57					
3 – METHYL PENTANE	0.91	1.10					
n – HEXANE	2.09	2.36					
2, 2 – DIMETHYL PENTANE / METHYL CYCLOPENTANE	3.93	4.37					
2, 4 – DIMETHYL PENTANE	0.11	0.15					
BENZENE	5.78	6.43					
3, 3 – DIMETHYL PENTANE	0.04	0.02					
CYCLOHEXANE	6.41	6.34					
2 – METHYL HEXANE	0.51	0.54					
1, 1 – DIMETHYL CYCLOPENTANE	0.24	0.32					
3 – METHYL HEXANE	0.40	0.37					
1, *cis* – 3 – DIMETHYL CYCLOPENTANE	0.43	0.44					
1, *trans* – 3 – DIMETHYL CYCLOPENTANE	0.37	0.45					
1, *trans* – 2 – DIMETHYL CYCLOPENTANE	0.60	0.72					
3 – ETHYL PENTANE							
n – HEPTANE	0.74	0.86					
1, *cis* – 2 – DIMETHYL CYCLOPENTANE / METHYL CYCLOHEXANE	8.77	9.68					
ETHYL CYCLOPENTANE	0.29	0.23					
TOLUENE	17.52	16.56					
TOTAL ABUNDANCE (ppb)	7720	8445					
ORGANIC CARBON (%)	–	–					
GASOLINE ABUNDANCE AT 1% ORGANIC CARBON	–	–					

Note: Total gasoline abundance values are expressed as weight of gas relative to weight of wet rock.

TABLE 5D Gasoline Hydrocarbon Analysis Data

TABLE 6

Gasoline Hydrocarbon Ratios

COMPANY: MOBIL NORWAY WELL: 35/11-2 LOCATION: NORWEGIAN NORTH SEA

DEPTH (METRES)	1	2	3	4	5	6	7	8	9	10	11	12
1320-1340	6.64	0.18	0.24	12.43	10/17/73	14.76	2.22	3.26	1.16	0.41	0.35	1.20
1480-1490	10.19	1.76	0.02	0.16	10/47/43	3.51	0.97	30.78	12.61	2.15	0.49	0.94
1490-1500	8.55	1.75	0.02	0.23	8/50/42	2.59	1.09	43.95	9.73	2.53	0.45	0.71
1510-1520	6.96	0.66	0.04	0.60	8/27/65	4.47	1.34	21.27	7.35	2.17	0.23	0.99
2325-2335	21.39	1.60	0.96	5.41	25/22/53	10.84	1.24	1.34	0.27	5.66	0.69	0.90
2706-2715	19.68	0.96	1.52	4.16	21/30/49	16.34	1.73	0.30	0.37	3.01	0.65	0.91
2940-2949	12.54	0.52	2.25	3.13	16/31/53	16.44	1.26	0.74	0.19	0.52	1.68	0.62
2985-2994	10.75	0.55	0.41	4.82	13/22/65	12.35	1.17	0.66	0.56	0.58	0.37	0.61
3003-3012	14.08	0.74	0.64	5.12	16/24/60	13.66	1.15	0.42	0.37	0.77	0.52	0.51
3048-3057	9.77	0.66	0.64	4.63	13/22/65	8.79	1.21	0.46	0.65	0.64	0.33	0.68
3129-3138	9.99	0.67	0.24	2.84	14/18/68	8.98	1.29	1.00	1.17	0.74	0.30	0.58
3219-3228	9.03	0.59	0.38	2.93	13/17/70	8.48	1.38	0.65	1.23	0.65	0.28	0.58
3273-3282	13.31	0.71	0.12	1.00	18/19/63	11.71	1.51	2.26	2.45	1.05	0.41	0.51
3336-3345	7.23	0.60	0.58	6.04	12/14/74	5.41	1.41	0.28	0.79	0.71	0.21	0.57
3399-3408	8.13	0.92	0.54	6.01	11/17/72	4.51	1.44	0.22	0.87	0.93	0.19	0.61
3435-3444	8.50	0.93	0.32	4.18	11/16/73	4.82	1.41	0.36	1.22	0.99	0.20	0.67
3471-3480	8.64	0.96	0.58	5.88	12/15/73	4.83	1.51	0.18	0.86	0.98	0.20	0.66
3597-3606	9.19	0.88	0.05	1.06	13/14/73	5.87	1.56	1.87	4.40	0.92	0.21	0.59
3651-3660	19.52	1.63	0.07	0.54	22/21/57	9.53	1.58	1.57	3.77	1.73	0.49	0.62
3723-3732	12.06	1.00	0.13	1.33	16/13/71	8.07	1.54	0.81	2.77	1.15	0.27	0.64
3903-3912	5.12	0.89	0.62	16.45	8/12/80	1.26	1.51	0.18	0.53	0.67	0.11	0.89
3957-3966	3.92	0.68	0.66	23.80	6/11/83	-0.11	1.54	0.16	0.50	0.53	0.08	0.98
4011-4020	4.37	0.35	0.66	19.34	6/8/86	1.08	1.42	0.17	0.58	0.54	0.09	1.00

Explanation of ratios:

1 Heptane value (n-heptane % of compounds of cyclohexane to methylcyclohexane inclusive)
2 Isoheptane value (2- + 3-methylhexane/1-cis-3- + 1-trans-3- + trans-2-dimethylcyclopentane)
3 Benzene/methylcyclohexane (late mature index)
4 Toluene/n-heptane (aromaticity index)
5 C_7 composition (n-alkanes/i-alkanes/cyclanes; aromatics excluded)
6 Kerogen type index
7 2-methylpentane/3-methylpentane
8 3-methylpentane/benzene
9 Methylcyclohexane/toluene
10 n-hexane/methylcyclopentane
11 n-heptane/methylcyclohexane
12 i-pentane/n-pentane

TABLE 7

Alkane Gas Chromatography Interpretative Data

COMPANY: MOBIL NORWAY WELL: 35/11-2 LOCATION: NORWEGIAN NORTH SEA

FIGURE	DEPTH (METRES)	Pr/Ph	Pr/n-C_{17}	Ph/n-C_{18}	CPI	COMMENTS
11.1	2949-2958	1.42	1.22	1.04	1.17	Source rock extract. Early maturity indicated by relative abundance of isoprenoid alkanes and of polycyclic alkanes, and slight odd/even predominance of normal alkanes.
11.2	2976-2985	1.34	1.02	0.94	1.10	As Figure 11.1.
11.3	2994-3003	1.15	1.04	1.07	1.04	As Figure 11.1.
11.4	3003-3012	1.21	1.07	1.12	0.99	As Figure 11.1.
11.5	3005(swc)	1.22	1.17	1.13	1.10	As Figure 11.1.
11.6	3012-3021	1.27	1.17	1.12	1.01	As Figure 11.1.
11.7	3030-3039	1.16	1.01	0.94	1.08	As Figure 11.1.
11.8	3045(core)	2.43	0.77	0.34	1.16	Extract from source rock containing a more humic, vitrinitic/inertinitic kerogen.
11.9	3219-3228	2.63	0.96	0.44	1.09	As Figure 11.8.
11.10	3237-3246	2.20	0.76	0.42	1.15	Source rock extract. Mixed marine algal and terrestrially derived waxy sapropelic kerogen. Early mature.
11.11	3255-3264	2.27	0.70	0.40	1.11	As Figure 11.10.
11.12	3273-3282	2.20	0.73	0.40	1.15	As Figure 11.10.
11.13	3370(core)	2.08	0.62	0.32	1.02	Oil stain derived from thermally middle mature oil source rock.
11.14	3379(core)	2.08	0.71	0.35	1.08	As Figure 11.13.
11.15	3380(P)(core)	2.05	0.70	0.35	1.07	As Figure 11.13.
11.16	3381-3390	3.19	0.92	0.30	1.10	Extract from source rock containing humic kerogen of predominantly vitrinitic composition with subordinate waxy sapropel and inertinite.
11.17	3385(core)	1.92	0.65	0.35	1.09	As Figure 11.13.
11.18	3416.5(core)	4.45	0.78	0.18	1.23	As Figure 11.16.
11.19	3420(core)	4.58	1.13	0.21	1.29	As above. Loss of lower molecular weight components due to evaporation.
11.20	3467.8(core)	4.68	1.21	0.25	1.14	As Figure 11.18.
11.21	3475(swc)	2.59	1.05	0.23	1.12	As Figure 11.19.
11.22	3525-3534	2.25	0.70	0.33	*	Extract from humic kerogen. Elevated baseline between n-C_{20} and n-C_{36} represents an unresolved envelope and indicates a biodegraded oil or contamination.
11.23	3705-3714	2.81	0.69	0.25	1.13	Large unresolved envelope probably represents contamination either by drilling fluid additive or a pipe lubricant.

Explanatory notes:

Pr/Ph - pristane/phytane ratio

Pr/n-C_{17} - pristane/normal heptadecane ratio

Ph/n-C_{18} - phytane/normal octadecane ratio

CPI - carbon preference index

* - ratio not determined

** - actually cavings, more representative of Draupne Formation

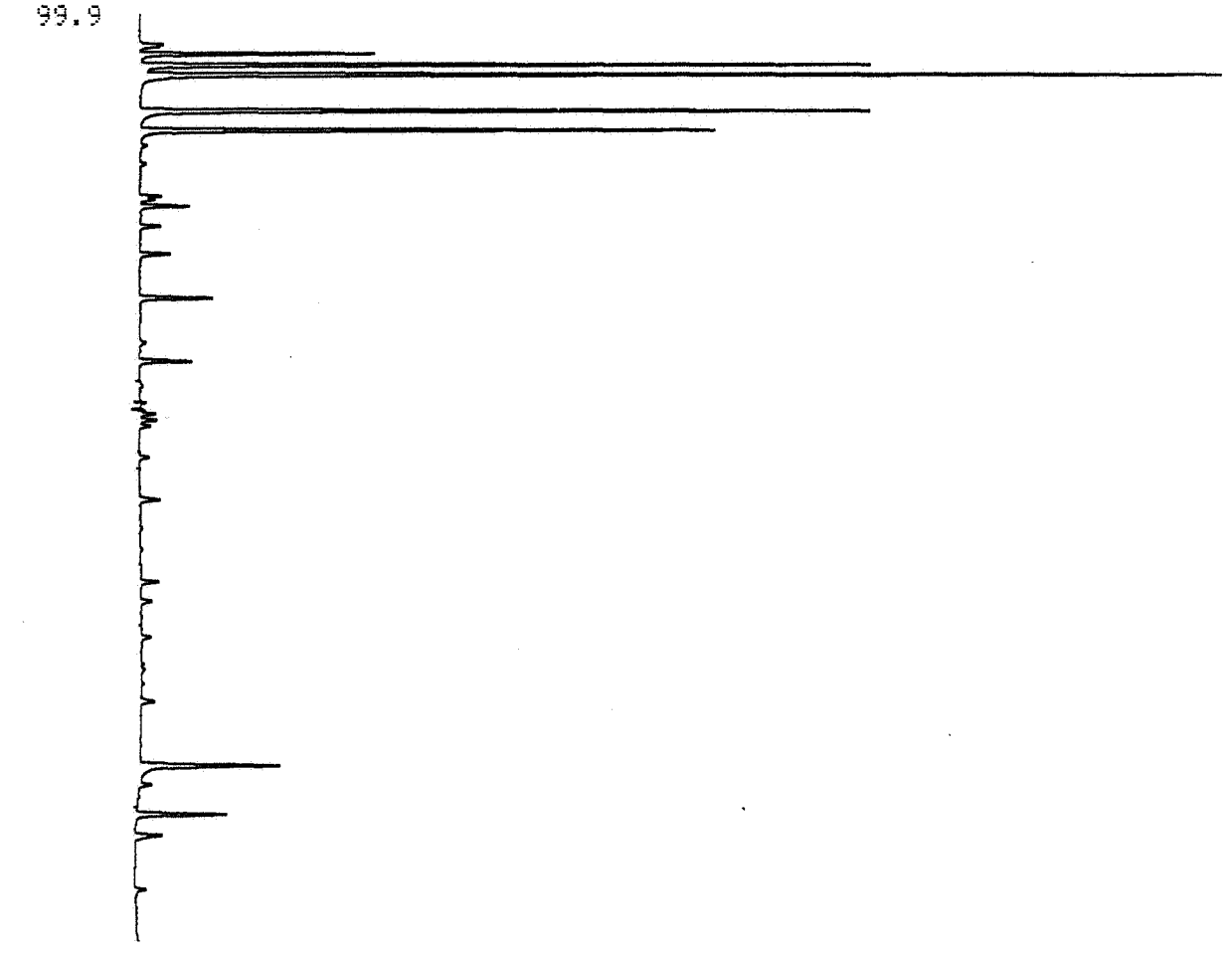
(P) - denotes picked lithology

Trilab 2000 Analysis 4.8G
SAMPLE 8507 MOBIL NOR 35/11-2 87J1738 (.30R) **FIGURE 5.1**
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
149.7		77.947	172.752	79.984	20.116	IC4
159.6		115.579	257.959	119.490	30.052	NC4
195.9		77.943	185.727	80.725	20.303	IC5
215.4		61.342	146.037	67.531	16.984	NC5
249.0		.639	1.908	.839	.211	22DMB
281.7		2.324	5.385	2.663	.670	CP
285.0		1.565	3.875	1.785	.449	23DMB
291.3		5.083	13.417	5.715	1.437	2MP
311.4		2.185	5.564	2.582	.649	3MP
339.0		3.224	8.240	4.149	1.044	N-HEX
383.1		7.732	20.165	10.143	2.551	MCP/22DMP
400.5		.147	.524	.268	.067	24DMP
427.8		.629	1.576	.792	.199	BEN
435.6		.055	.111	.054	.014	33DMP
446.1		5.575	14.969	6.796	1.709	C-HEX
471.3		.378	1.118	.530	.133	2MH
475.5		.077	.189	.094	.024	11DMCP
488.1		.468	.639	.308	.077	3MH
498.9		1.499	3.757	1.766	.444	C13DMCP
504.9		1.721	4.466	2.099	.528	T13DMCP
510.9		1.171	3.141	1.455	.366	T12DMCP3EP
542.1		.979	2.517	1.194	.300	N-HEP
584.7		2.210	7.050	3.366	.847	MCH/C12DMC
613.2		.314	.761	.364	.092	ECP
667.5		1.869	4.988	2.917	.734	TOL
				3430 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE B507 MOBIL NOR 35/11-2 87J1738 (.30R)
Plotting factors 7736.784 -3.603

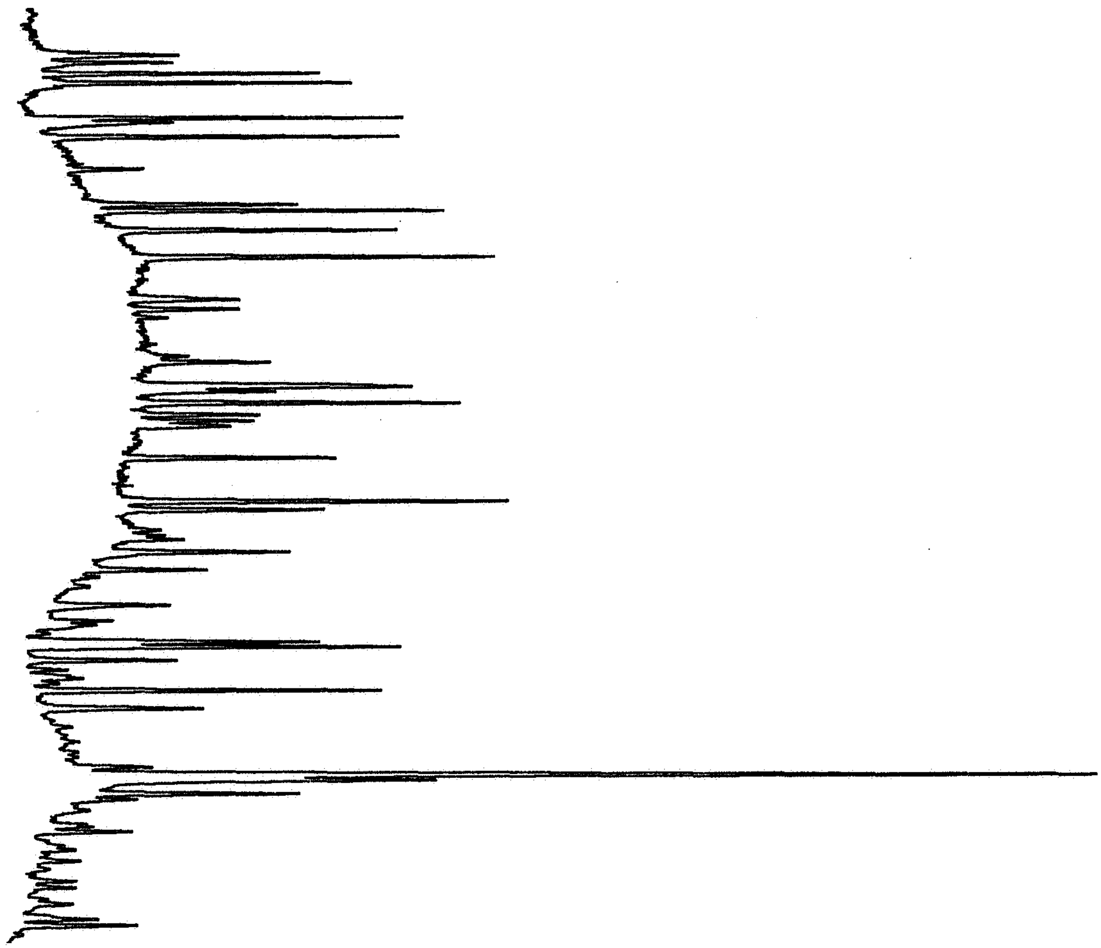


Trilab 2000 Analysis 4.8G
SAMPLE B470 MOBIL NOR 35/11-2 87G 1 (.30R) FIGURE 5.2
Method : GASOLINE

Table No. 9 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
163.8		1.973	4.606	2.133	4.812	IC4
173.4		2.155	4.849	2.246	5.068	NC4
207.9		2.659	6.076	2.641	5.959	IC5
226.8		2.524	6.096	2.819	6.361	NC5
258.9		.552	1.546	.680	1.534	22DMB
290.1		.086	.227	.112	.253	CP
294.0		1.497	3.934	1.812	4.089	23DMB
300.0		2.520	6.407	2.729	6.157	2MP
319.5		2.071	6.085	2.823	6.371	3MP
346.2		2.577	6.979	3.515	7.931	N-HEX
388.5		.637	3.254	1.637	3.694	MCP/22DMP
398.7		.754	2.082	1.063	2.399	24DMP
433.8		.071	.182	.092	.207	BEN
445.5		.269	.708	.346	.781	33DMP
451.5		.868	2.610	1.185	2.674	C-HEX
476.1		1.945	8.713	4.129	9.317	2MH
480.9		.955	2.809	1.395	3.148	11DMCP
492.3		2.274	6.253	3.012	6.796	3MH
504.0		.837	2.206	1.037	2.339	C13DMCP
509.7		.736	2.150	1.010	2.280	T13DMCP
516.0		.660	2.638	1.223	2.758	T12DMCP3EP
547.5		1.519	4.159	1.972	4.450	N-HEP
590.7		2.791	8.450	4.034	9.103	MCH/C12DMC
619.2		.238	.741	.354	.800	ECP
675.6		.150	.547	.320	.722	TOL
				-----------		
				360 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE B470 MOBIL NOR 35/11-2 87G 1 (.30R)
Plotting factors 114234.047 2692.526
99.9

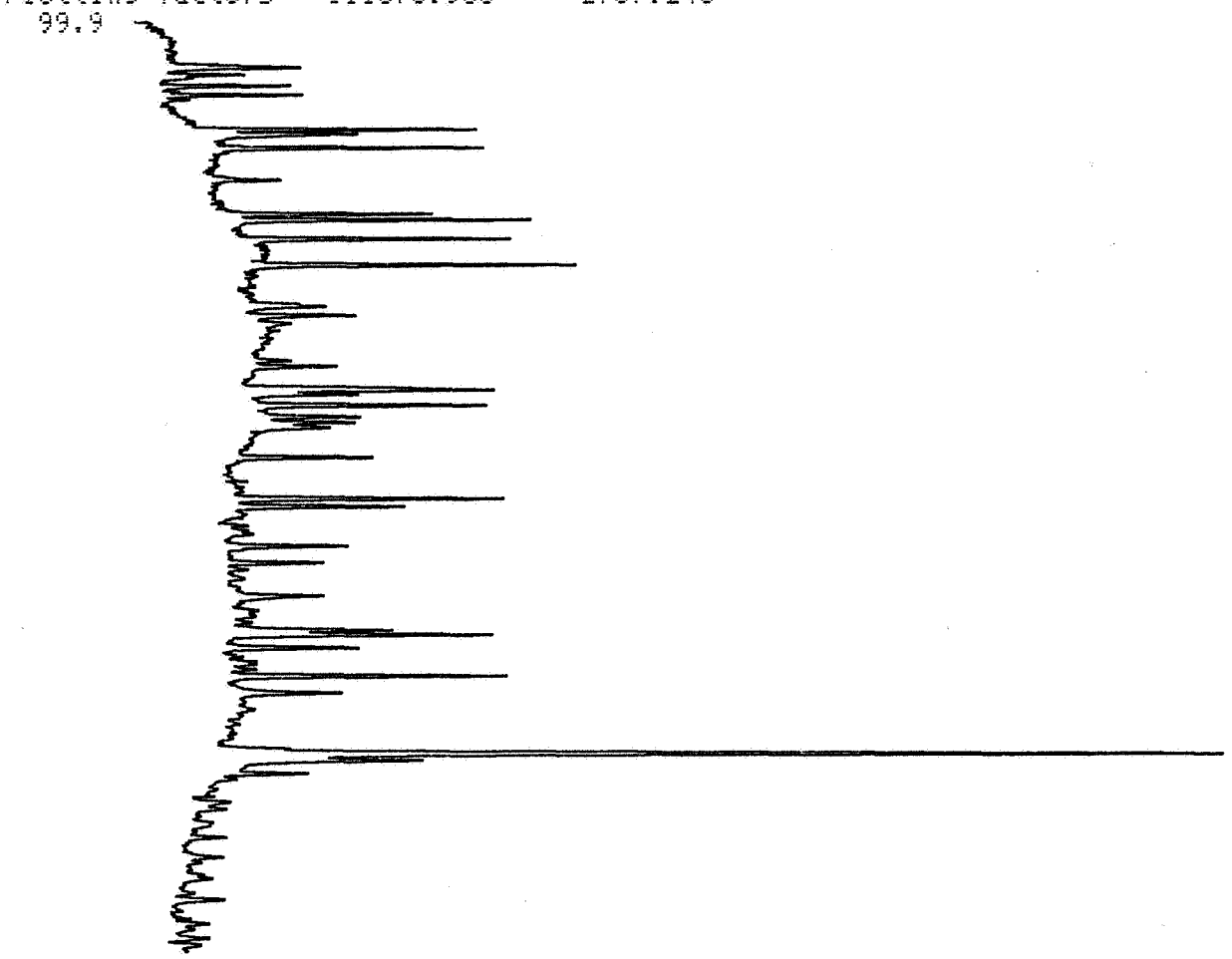


Trilab 2000 Analysis 4.8G
SAMPLE B469 MOBIL NOR 35/11-2 87J 2 (.30R) **FIGURE 5.3**
Method : GASOLINE

Table No. 9 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
164.1		.956	2.365	1.095	3.130	IC4
173.7		1.032	2.379	1.102	3.150	NC4
208.2		2.058	5.804	2.523	7.210	IC5
226.8		1.953	7.681	3.552	10.152	NC5
259.2		.418	.859	.377	1.079	22DMB
290.7		.059	.032	.016	.045	CP
293.1		1.448	3.688	1.699	4.856	23DMB
299.4		2.196	5.541	2.360	6.746	2MP
318.3		1.950	4.673	2.168	6.197	3MP
344.1		2.327	5.927	2.985	8.531	N-HEX
386.4		.536	2.348	1.181	3.376	MCP/22DMP
394.8		.783	2.208	1.128	3.223	24DMP
422.1		.068	.098	.049	.141	BEN
439.8		.260	.644	.314	.899	33DMP
445.8		.612	1.622	.737	2.105	C-HEX
468.9		1.802	7.122	3.375	9.647	2MH
473.1		.768	2.140	1.063	3.037	11DMCP
484.2		1.686	4.663	2.246	6.418	3MH
495.6		.709	1.950	.917	2.620	C13DMCP
501.3		.659	1.728	.812	2.322	T13DMCP
506.7		.480	1.776	.823	2.352	T12DMCP3EP
536.4		.983	2.553	1.211	3.461	N-HEP
577.5		1.982	5.628	2.687	7.680	MCH/C12DMC
604.8		.215	.611	.292	.836	ECP
656.7		.120	.472	.276	.789	TOL
				---		
				310 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE B469 MOBIL NOR 35/11-2 87J 2 (.30R)
Plotting factors 111578.906 2737.246

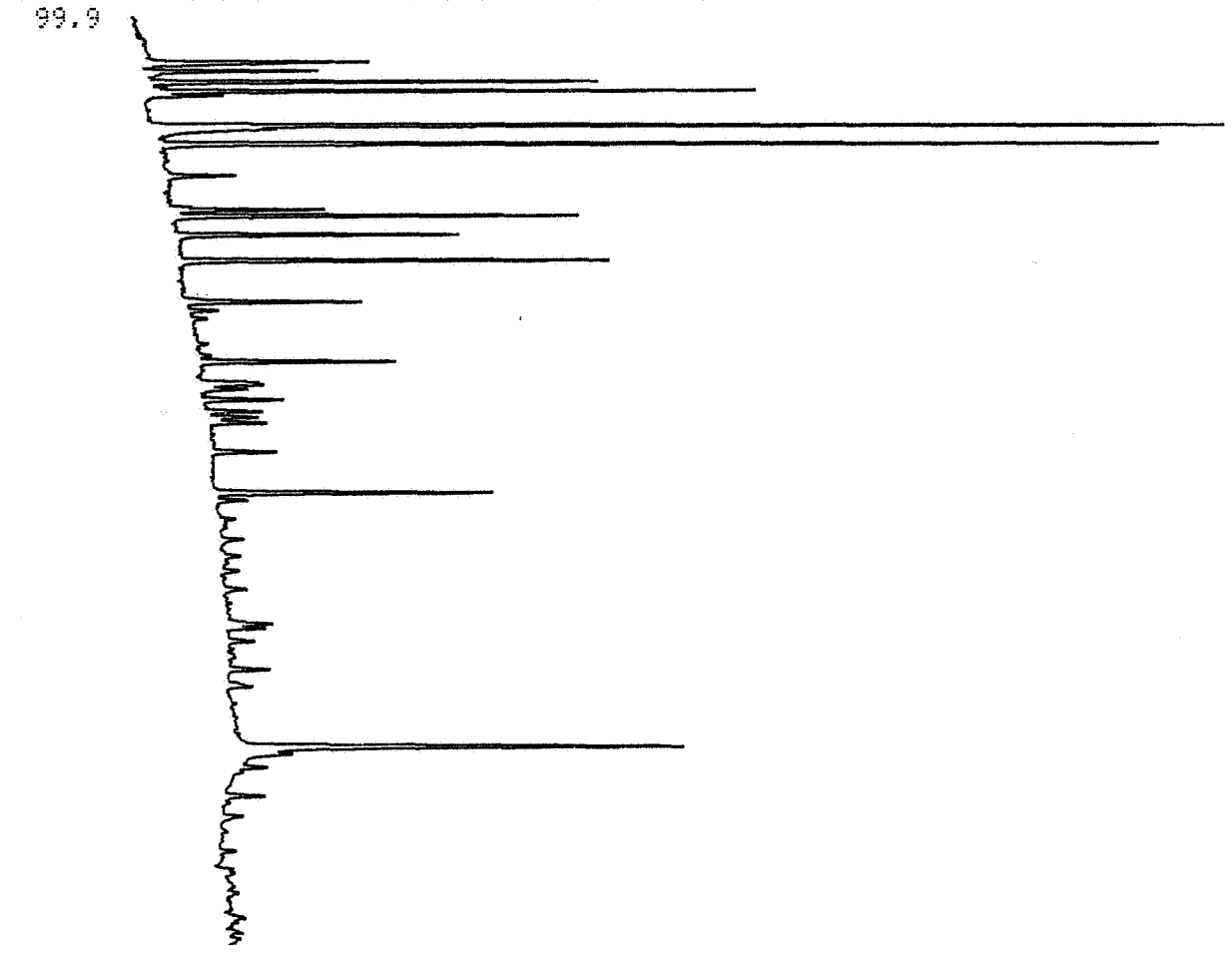


Trilab 2000 Analysis 4.8G
SAMPLE 8471 MOBIL NOR 35/11-2 87J 3 (.30R) **FIGURE 5.4**
Method : GASOLINE

Table No. 9 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
164.4		8.640	18.126	8.392	7.307	IC4
173.7		11.649	26.786	12.407	10.803	NC4
208.2		20.409	42.035	18.270	15.908	IC5
226.5		19.119	39.807	18.407	16.027	NC5
258.6		1.244	2.965	1.303	1.135	22DMB
289.8		.400	.547	.270	.235	CP
292.8		2.931	7.001	3.225	2.808	23DMB
298.5		7.774	18.288	7.789	6.782	2MP
317.4		5.373	12.532	5.815	5.063	3MP
342.9		8.203	19.141	9.639	8.393	N-HEX
384.6		3.378	8.848	4.450	3.875	MCP/22DMP
392.7		.478	1.492	.762	.664	24DMP
426.6		.207	.545	.274	.238	BEN
438.3		.247	.686	.335	.292	33DMP
444.0		3.742	9.423	4.278	3.725	C-HEX
465.0		1.093	3.226	1.529	1.331	2MH
471.6		.856	4.087	2.030	1.767	11DMCP
482.1		1.552	3.992	1.923	1.674	3MH
493.8		1.086	2.826	1.328	1.156	C13DMCP
499.5		.927	2.346	1.102	.960	T13DMCP
505.2		1.096	3.201	1.483	1.291	T12DMCP3EP
534.0		1.253	3.312	1.571	1.368	N-HEP
575.1		5.334	14.610	6.975	6.073	MCH/C12DMC
601.8		.297	.712	.341	.297	ECP
672.0		.454	1.623	.949	.826	TOL
				950 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE 8471 MOBIL NOR 35/11-2 87J 3 (.30R)
Plotting factors 42862.211 818.472

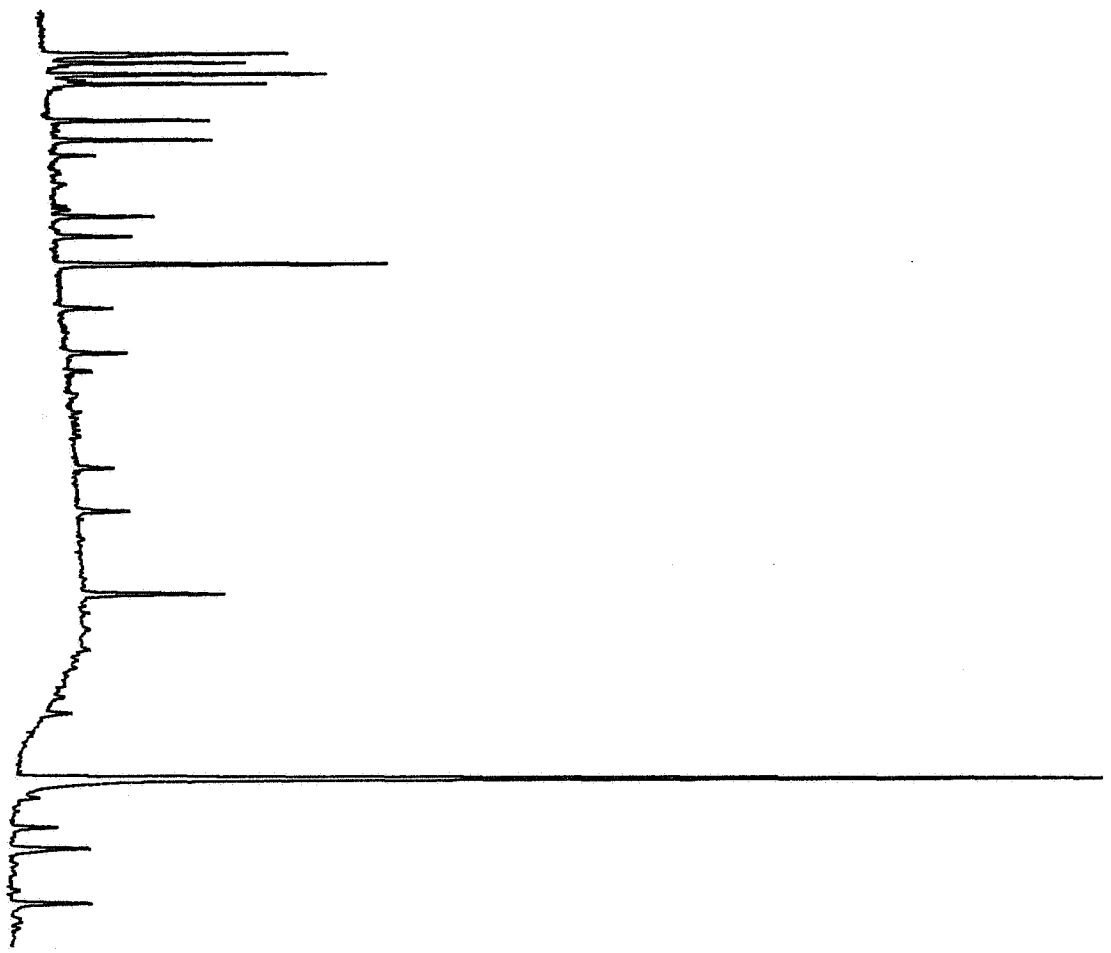


Trilab 2000 Analysis 4.8G
SAMPLE B508 MOBIL NOR 35/11-2 87J1806 (.30R) FIGURE 5.5
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
163.8		3.040	6.187	2.864	13.798	IC4
170.4		.401	2.356	1.091	5.258	NC4
210.3		1.766	3.760	1.634	7.873	IC5
229.8		1.779	3.929	1.817	8.753	NC5
274.2		.154	.535	.235	1.133	22DMB
296.4		.105	.254	.126	.605	CP
299.7		.184	.413	.190	.917	23DMB
306.3		1.109	2.626	1.118	5.387	2MP
325.8		.760	1.948	.904	4.353	3MP
353.7		3.618	8.699	4.381	21.103	N-HEX
398.1		.488	1.538	.774	3.727	MCP/22DMP
407.1		.048	.062	.032	.153	24DMP
441.9		.618	1.344	.675	3.253	BEN
450.0		.035	.034	.017	.080	33DMP
460.2		.304	.779	.354	1.703	C-HEX
483.6		.093	.559	.265	1.277	2MH
489.9		.068	.176	.088	.422	11DMCP
501.0		.094	.198	.096	.460	3MH
507.3		.059	.148	.069	.335	C13DMCP
512.7		.058	.092	.043	.208	T13DMCP
519.0		.075	.110	.051	.246	T12DMCP3EP
556.2		.409	1.024	.486	2.340	N-HEP
599.1		.535	1.475	.704	3.393	MCH/C12DMC
627.0		.073	.243	.116	.559	ECP
681.9		1.563	4.497	2.630	12.667	TOL
				540 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE B508 MOBIL NOR 35/11-2 87J1806 (.30R)
Plotting factors 75476.172 798.045
99.9

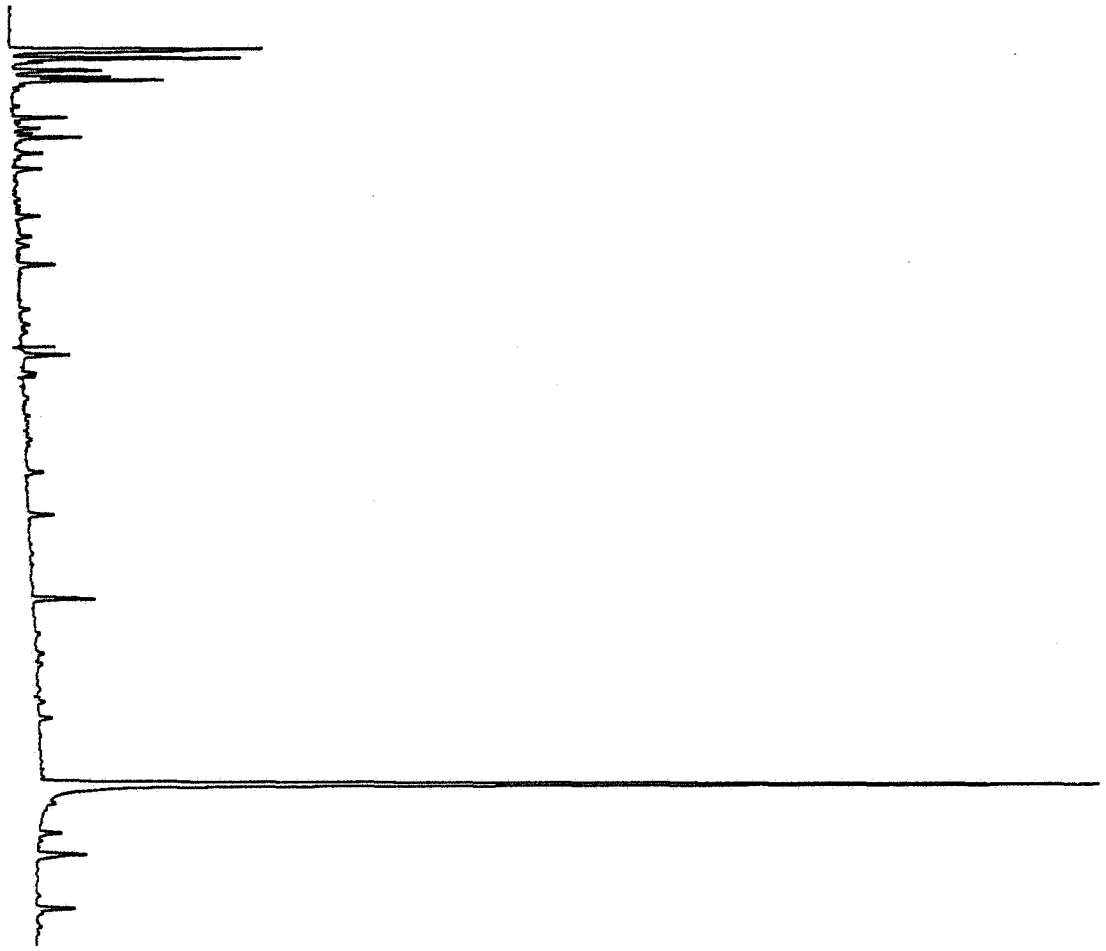


Trilab 2000 Analysis 4.8G
SAMPLE B509 MOBIL NOR 35/11-2 87J1845 (.30R) **FIGURE 5.6**
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
164.1		2.275	6.771	3.135	14.531	IC4
170.7		2.484	12.127	5.617	26.036	NC4
211.2		1.361	2.829	1.230	5.700	IC5
231.3		1.586	2.916	1.348	6.250	NC5
276.9		.073	.205	.090	.417	22DMB
299.4		.124	.282	.140	.647	CP
303.0		.075	.216	.100	.462	23DMB
309.9		.602	1.689	.719	3.334	2MP
330.0		.376	.894	.415	1.922	3MP
358.5		.899	2.346	1.181	5.476	N-HEX
402.9		.277	.780	.392	1.819	MCP/22DMP
417.9		.244	.709	.362	1.678	24DMP
448.5		1.141	2.759	1.387	6.427	BEN
460.8		.039	.033	.016	.075	33DMP
467.1		.372	1.090	.495	2.293	C-HEX
491.1		.138	.591	.280	1.299	2MH
497.1		.070	.151	.075	.347	11DMCP
509.7		.129	.321	.154	.716	3MH
527.4		.057	.135	.064	.294	C13DMCP
532.8		.169	.554	.260	1.207	T13DMCP
539.1		.092	.239	.111	.513	T12DMCP3EP
566.1		.367	1.243	.589	2.732	N-HEP
608.7		.604	1.910	.912	4.227	MCH/C12DMC
636.9		.035	.108	.052	.240	ECP
691.8		1.576	4.191	2.451	11.358	TOL
				1035 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE B509 MOBIL NOR 35/11-2 87J1845 (.30R)
Plotting factors 32467.230 208.452
99.9

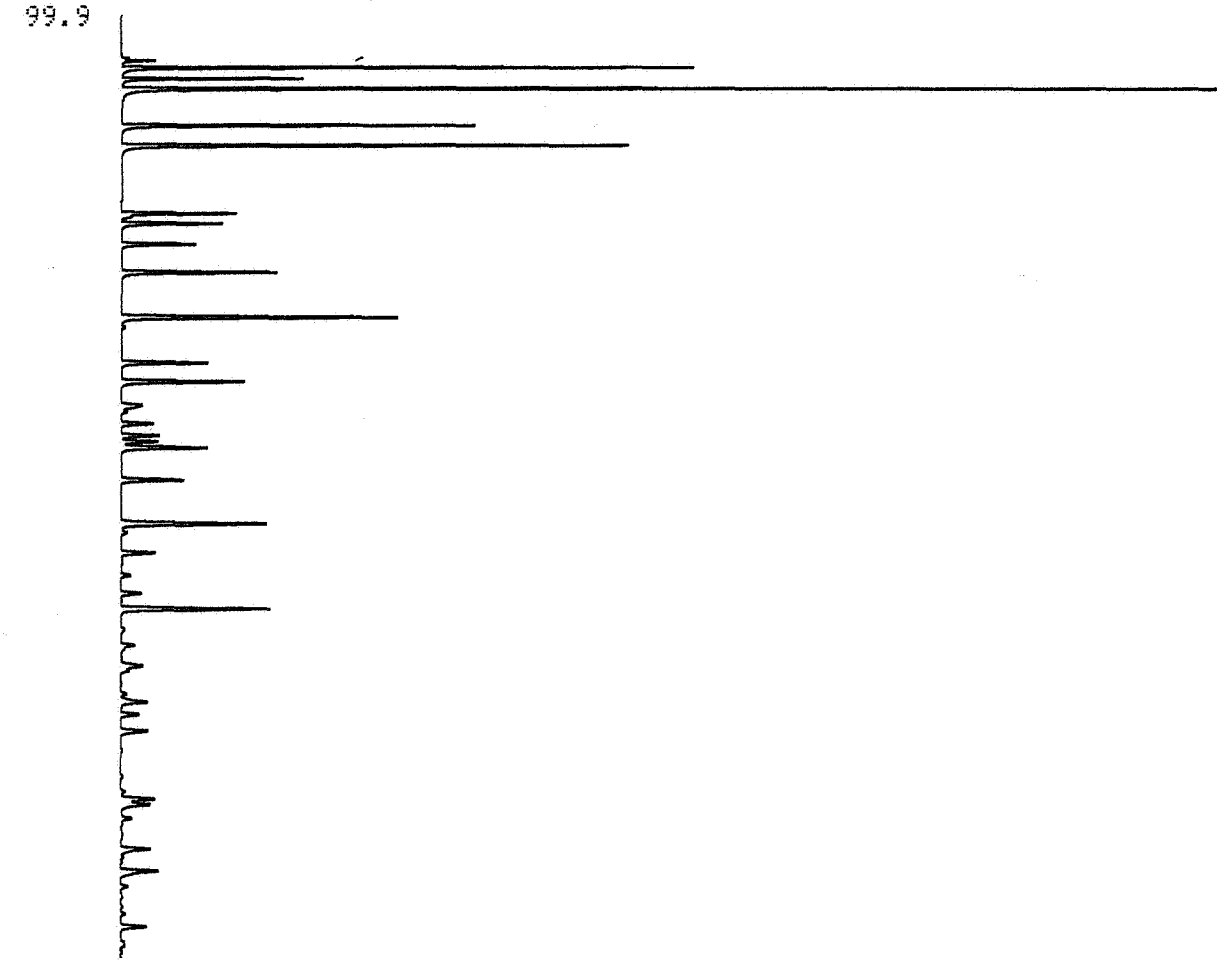


Trilab 2000 Analysis 4.8G
SAMPLE 8510 MOBIL NOR 35/11-2 87J1870 (.30R) **FIGURE 5.7**
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
163.2		133.970	183.671	85.040	3.424	IC4
173.1		809.527	1122.904	520.144	20.943	NC4
209.7		260.384	426.628	185.432	7.466	IC5
229.2		374.777	646.258	298.843	12.033	NC5
264.0		.411	.779	.342	.014	22DMB
297.0		85.072	168.358	83.253	3.352	CP
300.9		6.607	15.060	6.937	.279	23DMB
306.9		74.667	162.710	69.303	2.790	2MP
327.3		54.051	118.419	54.949	2.212	3MP
355.2		114.629	248.949	125.371	5.048	N-HEX
399.9		203.948	483.389	243.145	9.790	MCP/22DMP
409.5		2.811	7.689	3.927	.158	24DMP
444.9		62.930	148.076	74.425	2.997	BEN
457.5		.195	.622	.304	.012	33DMP
463.5		90.281	229.014	103.972	4.186	C-HEX
486.9		15.771	61.374	29.085	1.171	2MH
493.5		4.927	14.004	6.956	.280	11DMCP
505.5		24.057	63.529	30.598	1.232	3MH
517.5		28.197	72.305	33.983	1.368	C13DMCP
523.5		26.537	67.957	31.940	1.286	T13DMCP
529.5		62.807	180.100	83.449	3.360	T12DMCP3EP
561.6		45.785	116.721	55.359	2.229	N-HEP
604.8		107.679	315.648	150.705	6.068	MCH/C12DMC
634.2		24.759	69.032	33.027	1.330	ECP
689.7		109.808	296.017	173.101	6.970	TOL
				99170 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE 8510 MOBIL NOR 35/11-2 87J1870 (.30R)
Plotting factors 1111.475 -97.169

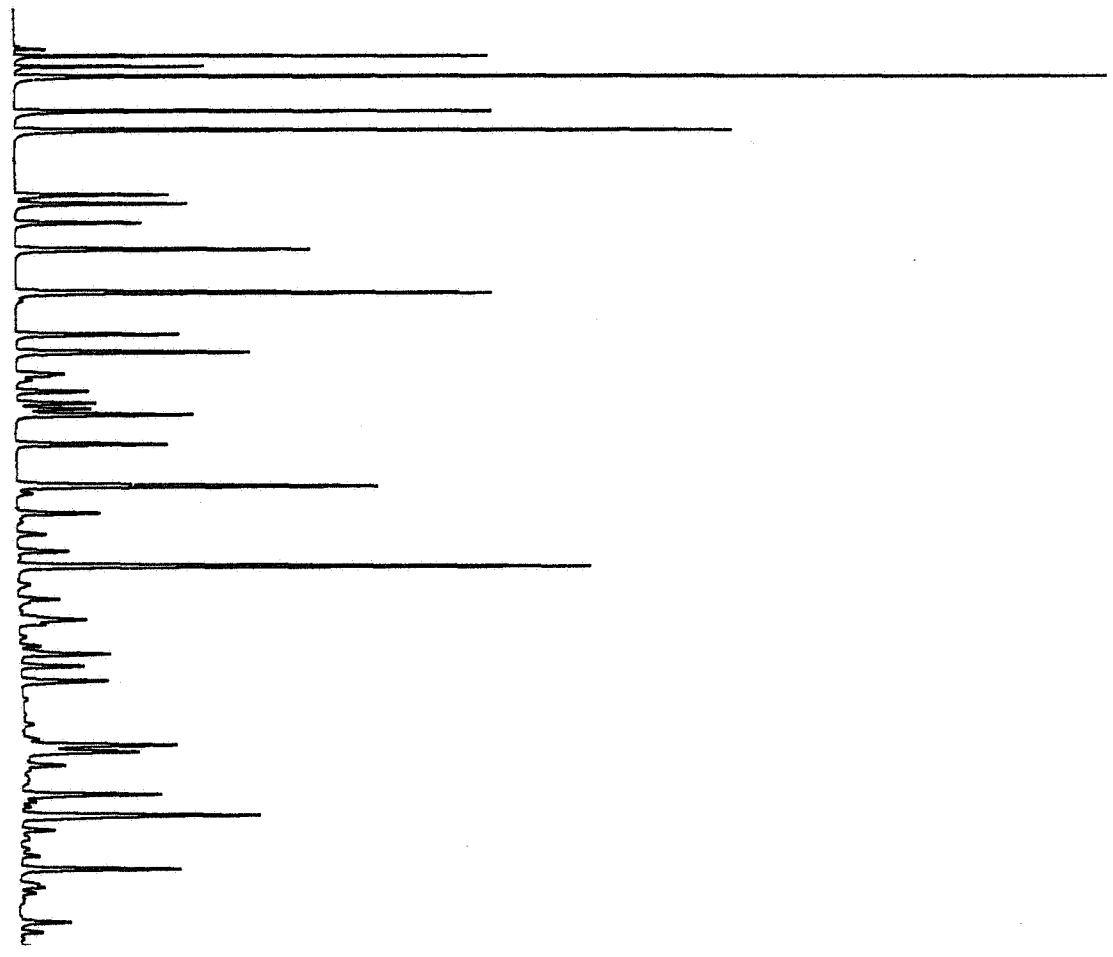


Trilab 2000 Analysis 4.8G
SAMPLE B511 MOBIL NOR 35/11-2 87J1875 (.30R) **FIGURE 5.8**
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
157.2		12.433	16.097	7.453	1.868	IC4
166.8		71.878	96.354	44.633	11.186	NC4
201.9		31.328	52.682	22.898	5.739	IC5
220.8		47.162	81.750	37.803	9.475	NC5
253.2		.115	.175	.077	.019	22DMB
285.0		10.044	19.996	9.888	2.478	CP
288.0		1.584	2.999	1.381	.346	23DMB
294.0		11.239	25.265	10.761	2.697	2MP
313.2		8.269	19.788	9.182	2.301	3MP
339.3		19.256	45.419	22.873	5.733	N-HEX
381.6		31.322	78.225	39.347	9.862	MCP/22DMP
389.7		.363	1.382	.706	.177	24DMP
423.9		10.687	27.689	13.917	3.488	BEN
435.6		.054	.230	.112	.028	33DMP
441.6		15.330	42.566	19.325	4.843	C-HEX
463.2		3.127	12.724	6.030	1.511	2MH
469.8		1.038	3.181	1.580	.396	11DMCP
480.6		4.782	13.603	6.552	1.642	3MH
492.3		5.232	14.419	6.777	1.698	C13DMCP
498.0		4.935	13.467	6.329	1.586	T13DMCP
504.0		11.651	35.614	16.502	4.136	T12DMCP3EP
533.7		9.926	26.571	12.602	3.159	N-HEP
575.1		23.674	71.751	34.257	8.586	MCH/C12DMC
602.4		5.388	15.193	7.269	1.822	ECP
654.9		37.572	103.865	60.737	15.223	TOL
				8155 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE B511 MOBIL NOR 35/11-2 87J1875 (.30R)
Plotting factors 12496.498 -.117



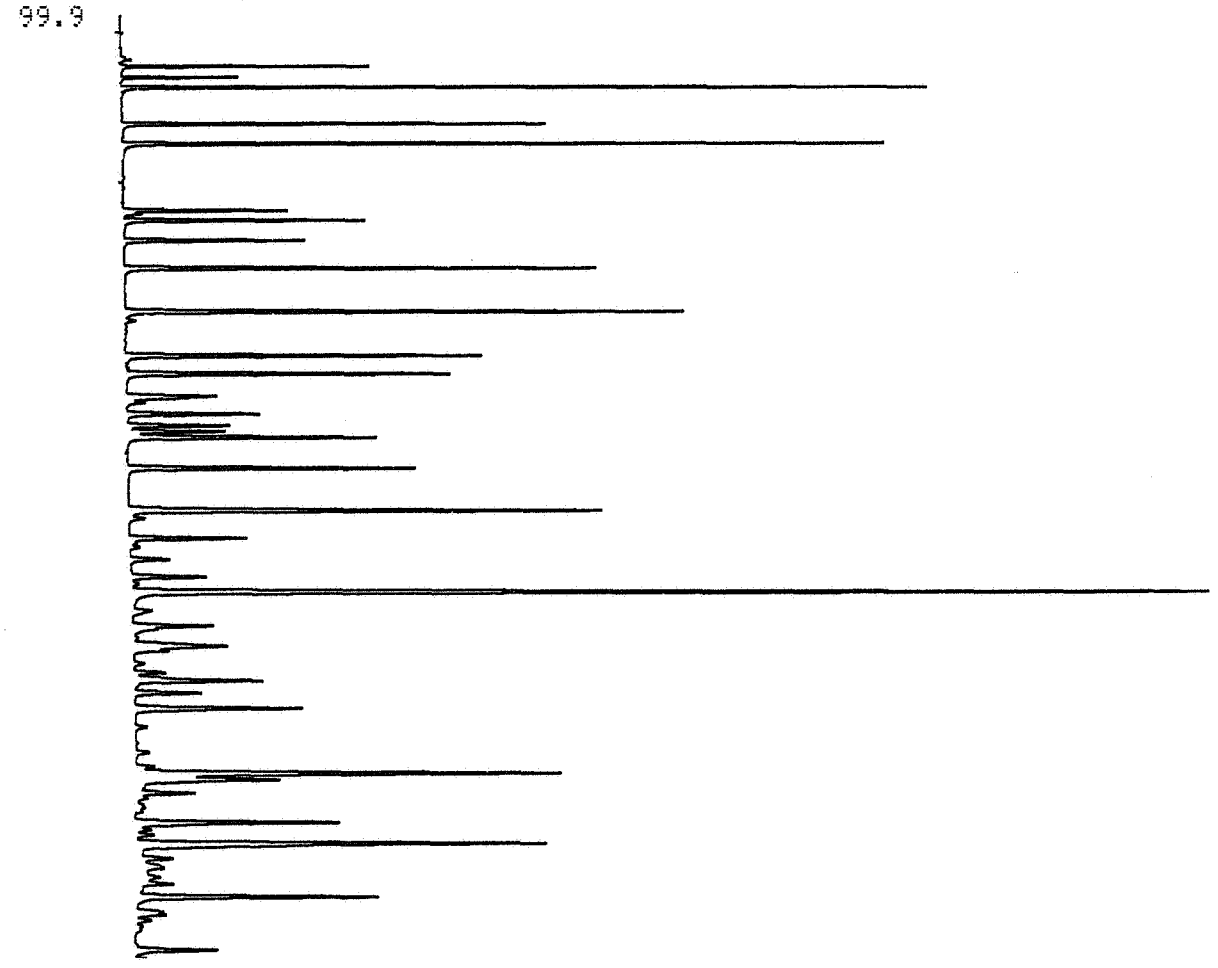
Trilab 2000 Analysis 4.8G
SAMPLE B512 MOBIL NOR 35/11-2 87J1877 (.30R) FIGURE 5.9
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
161.7		5.305	6.016	2.785	.830	IC4
171.6		36.950	42.037	19.472	5.803	NC4
207.6		19.361	28.051	12.192	3.633	IC5
227.1		34.885	51.467	23.800	7.092	NC5
261.0		.099	.198	.087	.026	22DMB
293.7		7.467	13.397	6.625	1.974	CP
297.0		.840	1.564	.721	.215	23DMB
303.3		10.965	20.821	8.868	2.643	2MP
323.1		8.280	16.618	7.711	2.298	3MP
350.4		21.588	43.299	21.806	6.498	N-HEX
393.9		25.553	56.476	28.407	8.465	MCP/22DMP
403.2		.460	1.224	.625	.186	24DMP
437.7		16.299	36.868	18.530	5.522	BEN
450.3		.127	.236	.115	.034	33DMP
455.7		14.808	35.081	15.927	4.746	C-HEX
477.9		4.108	14.175	6.718	2.002	2MH
484.2		.844	2.267	1.126	.335	11DMCP
495.9		6.040	15.096	7.271	2.167	3MH
507.6		4.676	11.570	5.438	1.620	C13DMCP
513.3		4.437	11.089	5.212	1.553	T13DMCP
519.3		11.360	31.122	14.420	4.297	T12DMCP3EP
549.9		13.077	31.715	15.042	4.482	N-HEP
591.6		21.687	60.344	28.811	8.585	MCH/C12DMC
619.5		5.354	14.295	6.839	2.038	ECP
672.6		49.468	131.735	77.034	22.955	TOL
				335.570		

15705 ppb

Trilab 2000 Analysis 4.8G
SAMPLE B512 MOBIL NOR 35/11-2 87J1877 (.30R)
Plotting factors 17900.869 25.188



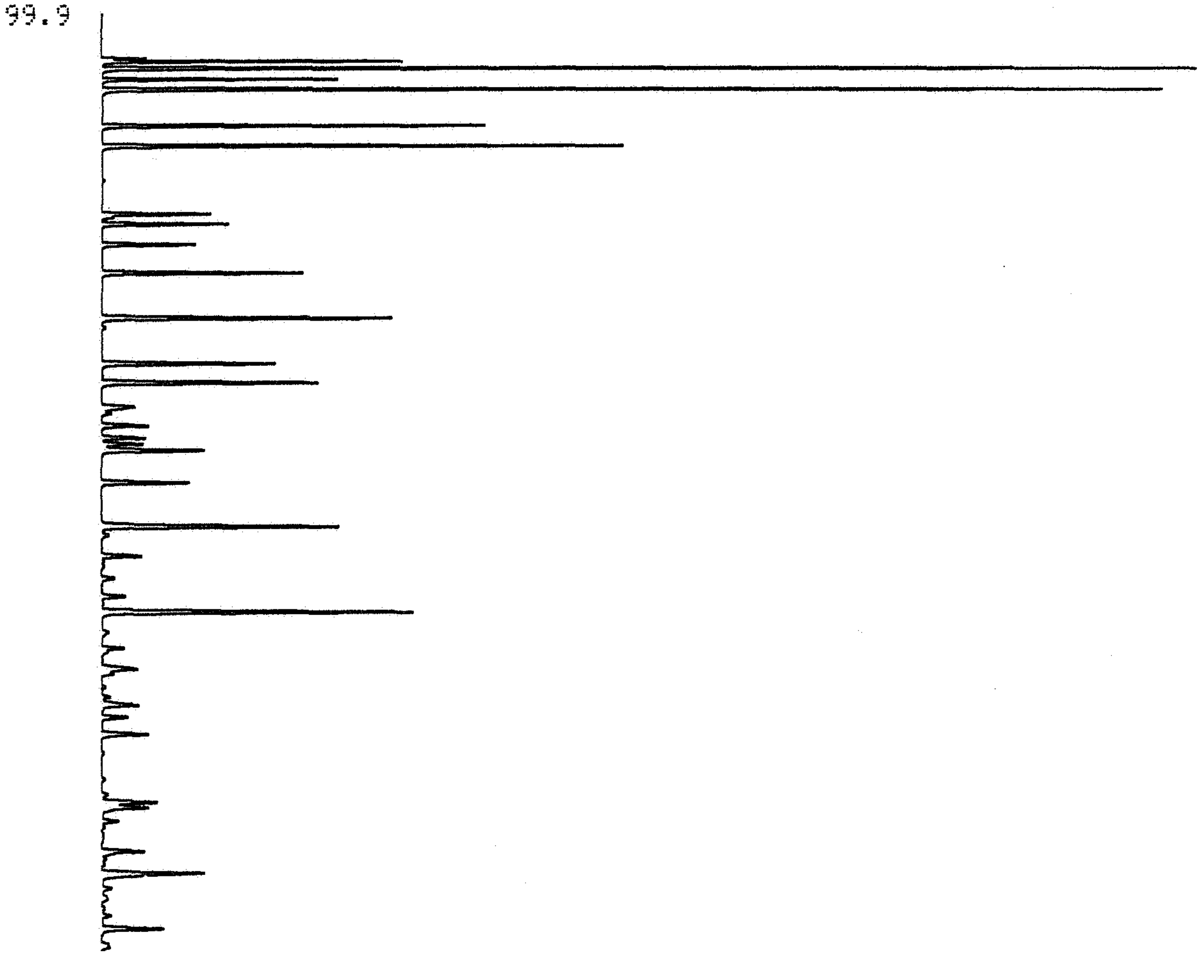
Trilab 2000 Analysis 4.8G
SAMPLE B513 MOBIL NOR 35/11-2 87J1882 (.30R) **FIGURE 5.10**
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
164.1		104.107	146.247	67.712	3.623	IC4
174.0		472.336	678.505	314.293	16.817	NC4
210.6		170.171	283.817	123.360	6.601	IC5
230.1		231.944	391.293	180.942	9.682	NC5
264.3		1.124	2.515	1.106	.059	22DMB
297.6		48.470	96.009	47.476	2.540	CP
301.2		5.516	11.256	5.185	.277	23DMB
307.5		55.748	117.470	50.034	2.677	2MP
327.9		41.516	89.017	41.305	2.210	3MP
356.1		69.233	190.740	96.057	5.140	N-HEX
400.5		128.574	300.678	151.241	8.093	MCP/22DMP
410.4		1.921	4.933	2.519	.135	24DMP
446.1		76.358	179.862	90.401	4.837	BEN
459.0		.298	.765	.374	.020	33DMP
465.0		95.928	238.689	108.365	5.798	C-HEX
489.0		14.622	54.306	25.736	1.377	2MH
495.6		4.394	12.115	6.018	.322	11DMCP
507.9		20.815	54.201	26.105	1.397	3MH
519.9		18.933	48.326	22.713	1.215	C13DMCP
526.2		17.779	45.835	21.542	1.153	T13DMCP
532.2		45.393	125.119	57.973	3.102	T12DMCP3EP
564.6		39.127	98.753	46.837	2.506	N-HEP
608.1		104.741	296.947	141.776	7.586	MCH/C12DMC
637.5		17.731	47.788	22.863	1.223	ECP
693.0		138.755	370.939	216.912	11.607	TOL

				38380ppb		

Trilab 2000 Analysis 4.8G
SAMPLE B513 MOBIL NOR 35/11-2 87J1882 (.30R)
Plotting factors 1844.710 -93.231

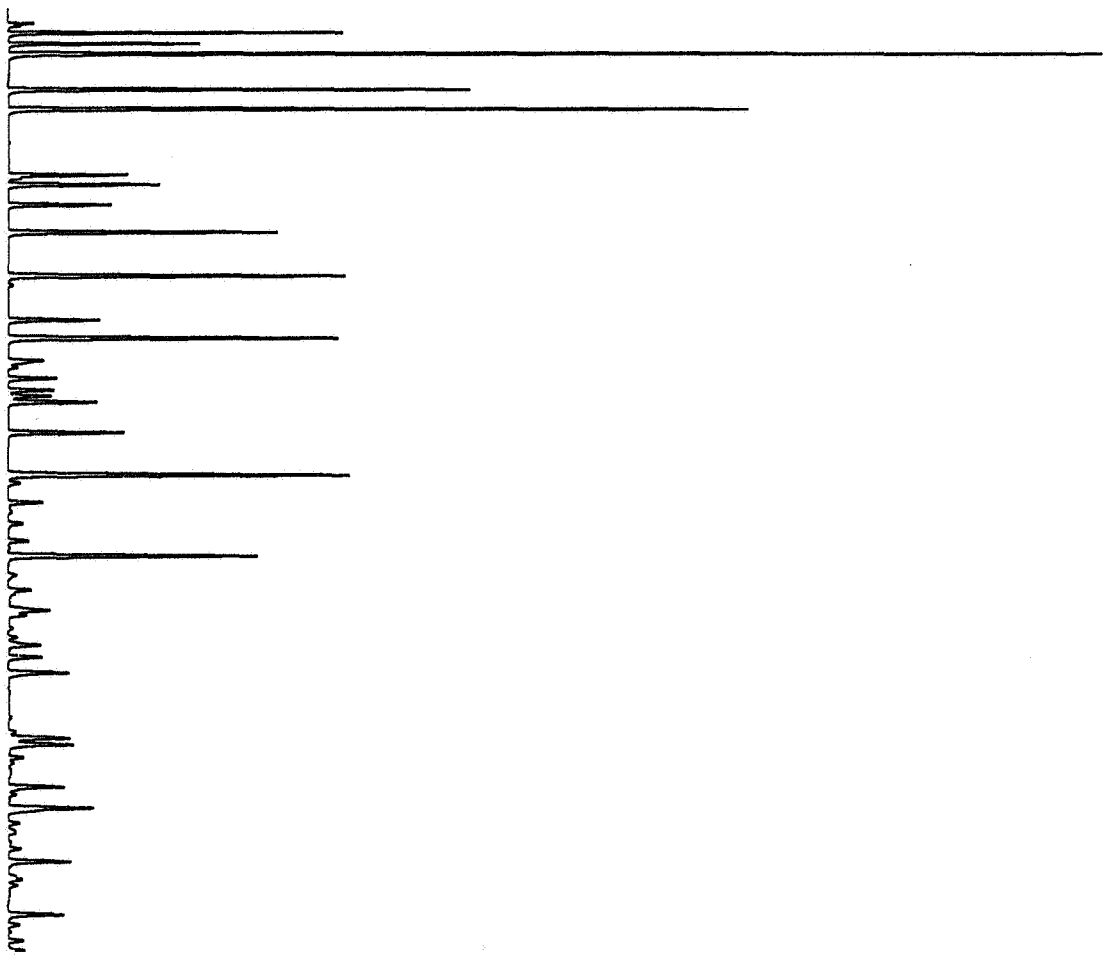


Trilab 2000 Analysis 4.8G
SAMPLE B514 MOBIL NOR 35/11-2 87J1891 (.30R) **FIGURE 5.11**
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
134.4		92.101	135.282	62.635	2.736	IC4
144.0		528.893	812.304	376.270	16.437	NC4
180.0		222.922	388.544	168.879	7.377	IC5
199.2		357.501	630.773	291.683	12.742	NC5
232.5		.636	1.367	.601	.026	22DMB
264.9		57.403	117.937	58.319	2.548	CP
268.5		6.335	13.403	6.174	.270	23DMB
274.5		72.392	154.695	65.890	2.878	2MP
294.3		49.552	109.996	51.040	2.230	3MP/
321.3		129.385	278.098	140.051	6.118	N-HEX
364.5		162.564	377.598	189.932	8.297	MCP/22DMP
373.8		2.362	5.963	3.045	.133	24DMP
408.3		43.434	101.262	50.895	2.223	BEN
421.2		.198	.531	.260	.011	33DMP
426.3		159.026	391.203	177.606	7.758	C-HEX
448.8		16.788	59.519	28.206	1.232	2MH
455.1		4.841	12.903	6.409	.280	11DMCP
466.5		22.748	57.593	27.739	1.212	3MH
478.2		21.836	55.384	26.031	1.137	C13DMCP
484.2		20.723	52.259	24.562	1.073	T13DMCP
489.9		42.269	115.599	53.563	2.340	T12DMCP3EP
520.5		54.985	135.097	64.074	2.799	N-HEP
562.5		164.775	445.793	212.842	9.298	MCH/C12DMC
590.1		16.517	43.587	20.853	.911	ECP
642.9		119.929	310.664	181.666	7.936	TOL
				85845 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE B514 MOBIL NOR 35/11-2 87J1891 (.30R)
Plotting factors 1701.377 -94.570
99.9

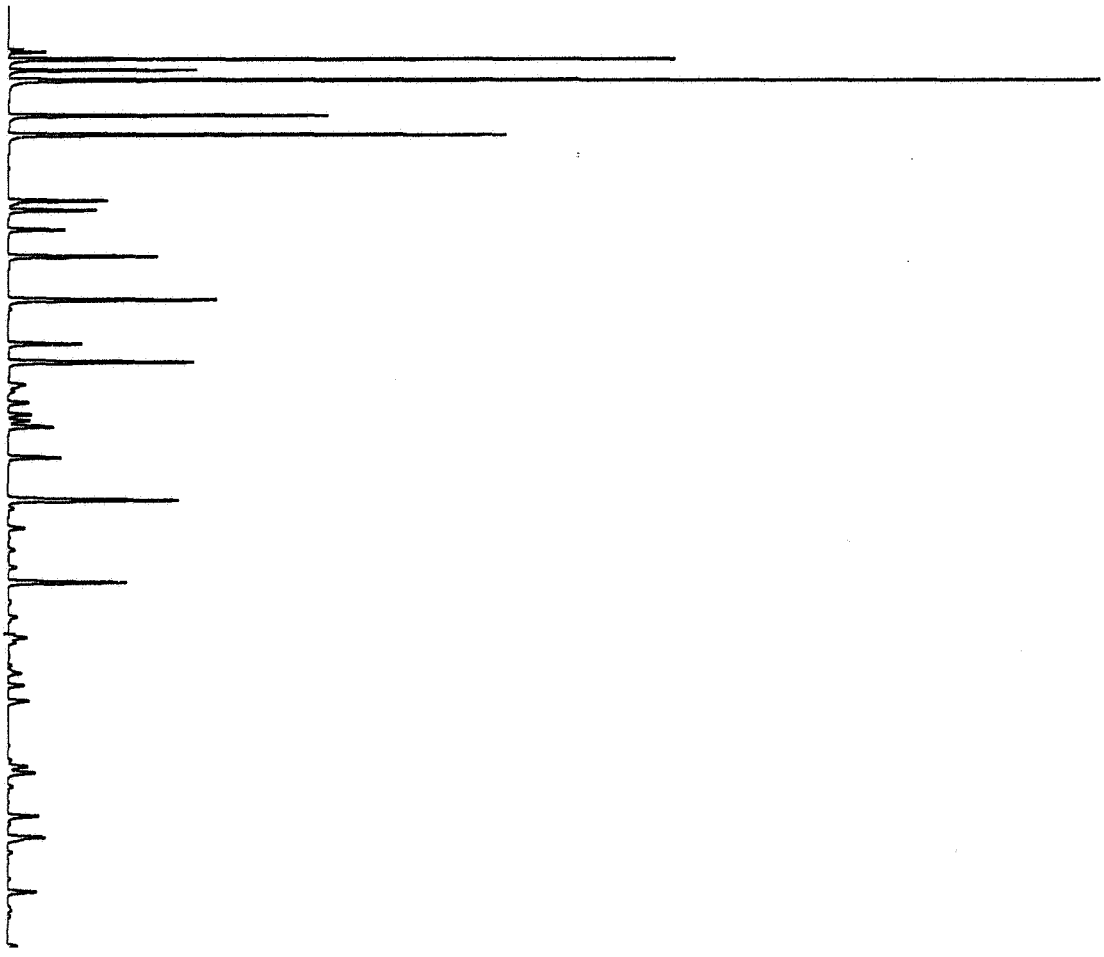


Trilab 2000 Analysis 4.8G
SAMPLE B515 MOBIL NOR 35/11-2 87J1901 (.30R) **FIGURE 5.12**
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME	
163.2		163.751	208.880	96.711	3.726	IC4	
173.1		953.927	1283.813	594.680	22.908	NC4	*
208.8		277.818	441.481	191.888	7.392	IC5	
228.0		434.816	710.335	328.474	12.654	NC5	
261.6		.370	.548	.241	.009	22DMB	
294.0		86.233	168.846	83.494	3.216	CP	
297.0		7.718	11.707	5.393	.208	23DMB	
303.3		75.328	156.855	66.810	2.574	2MP	
323.1		48.875	104.301	48.397	1.864	3MP	
350.1		129.049	269.580	135.761	5.230	N-HEX	
393.3		180.372	416.956	209.729	8.079	MCP/22DMP	
402.6		2.383	6.657	3.400	.131	24DMP	
437.1		63.127	147.805	74.288	2.862	BEN	
449.7		.151	.346	.169	.007	33DMP	
455.4		161.297	398.930	181.114	6.977	C-HEX	
477.9		13.964	51.651	24.477	.943	2MH	
484.5		5.223	14.007	6.957	.268	11DMCP	
495.9		18.014	46.056	22.182	.855	3MH	
507.9		19.995	50.595	23.779	.916	C13DMCP	
513.6		19.086	48.278	22.691	.874	T13DMCP	
519.6		38.630	107.538	49.828	1.919	T12DMCP3EP	
550.2		45.389	113.913	54.027	2.081	N-HEP	
592.8		148.659	406.762	194.207	7.481	MCH/C12DMC	
620.7		14.735	39.691	18.989	.732	ECP	
674.7		102.308	270.574	158.222	6.095	TOL	
				75105 ppb			

Trilab 2000 Analysis 4.8G
SAMPLE B515 MOBIL NOR 35/11-2 87J1901 (.30R)
Plotting factors 940.085 -102.892
99.9



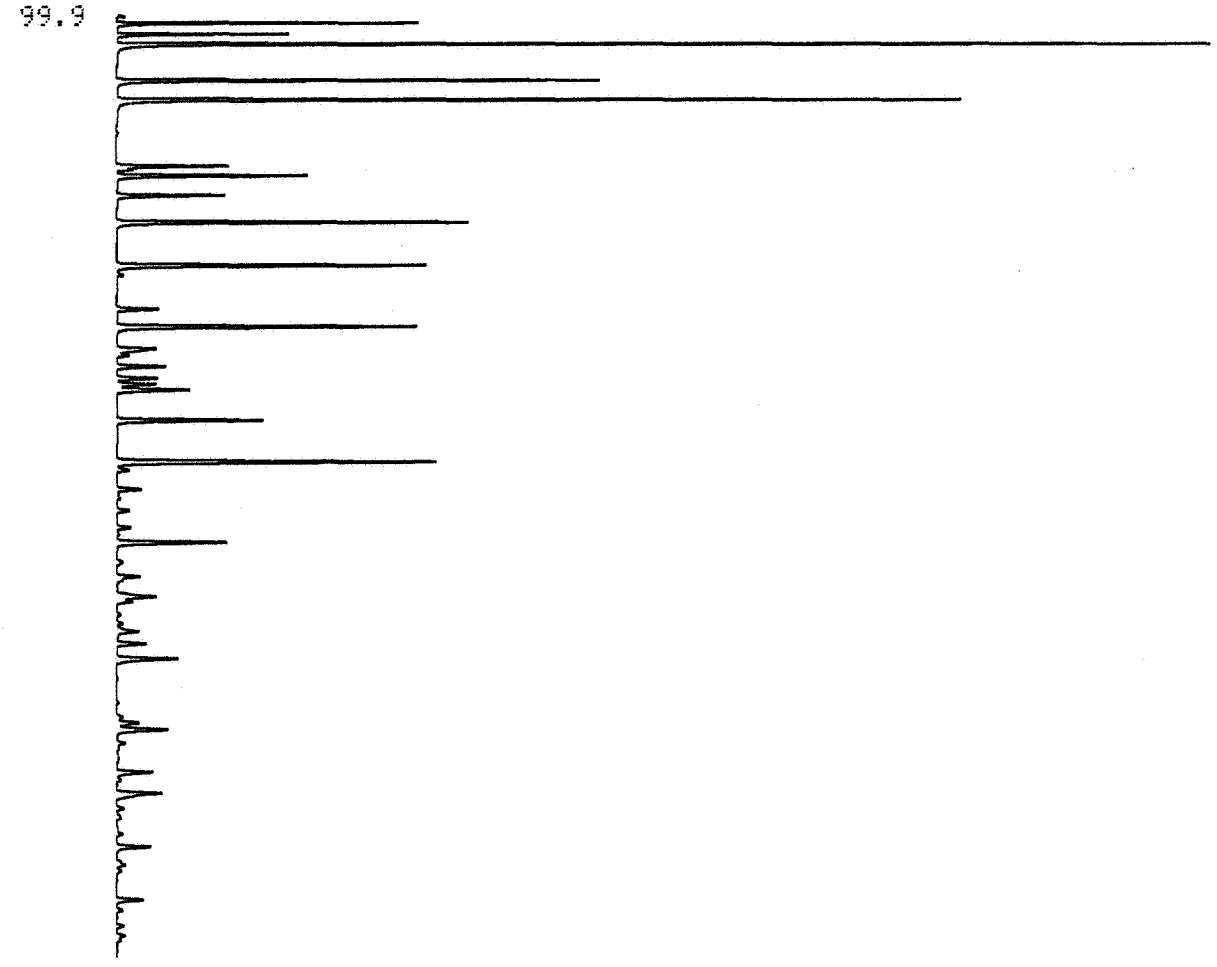
Trilab 2000 Analysis 4.8G
SAMPLE B516 MOBIL NOR 35/11-2 87J1907 (.30R) FIGURE 5.13
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME	
118.5		151.420	194.931	90.253	2.338	IC4	
128.4		968.920	1301.990	603.099	15.624	NC4	*
164.4		427.198	677.285	294.379	7.626	IC5	
183.6		747.279	1251.284	578.621	14.990	NC5	
217.2		1.265	2.949	1.297	.034	22DMB	
249.6		97.913	187.997	92.964	2.408	CP	
252.6		14.203	27.309	12.580	.326	23DMB	
258.9		167.511	336.500	143.326	3.713	2MP	
278.4		95.166	204.256	94.778	2.455	3MP	
305.4		310.734	646.962	325.811	8.441	N-HEX	
348.3		272.670	617.610	310.658	8.048	MCP/22DMP	
357.6		5.927	15.365	7.847	.203	24DMP	
391.5		36.242	83.583	42.010	1.088	BEN	
404.1		.360	.805	.393	.010	33DMP	
409.5		264.059	635.639	288.580	7.476	C-HEX	
431.4		35.472	122.976	58.278	1.510	2MH	
438.0		10.827	29.005	14.406	.373	11DMCP	
449.1		42.524	105.554	50.838	1.317	3MH	
460.8		36.114	89.778	42.196	1.093	C13DMCP	
466.5		33.689	84.672	39.796	1.031	T13DMCP	
472.5		64.243	178.553	82.732	2.143	T12DMCP3EP	
502.5		128.065	312.520	148.223	3.840	N-HEP	
544.2		282.578	757.561	361.695	9.370	MCH/C12DMC	
571.5		21.446	57.236	27.384	.709	ECP	
624.0		97.217	252.798	147.828	3.830	TOL	
				3860.000			

21270 ppb

Trilab 2000 Analysis 4.8G
SAMPLE B516 MOBIL NOR 35/11-2 87J1907 (.30R)
Plotting factors 928.670 -100.219

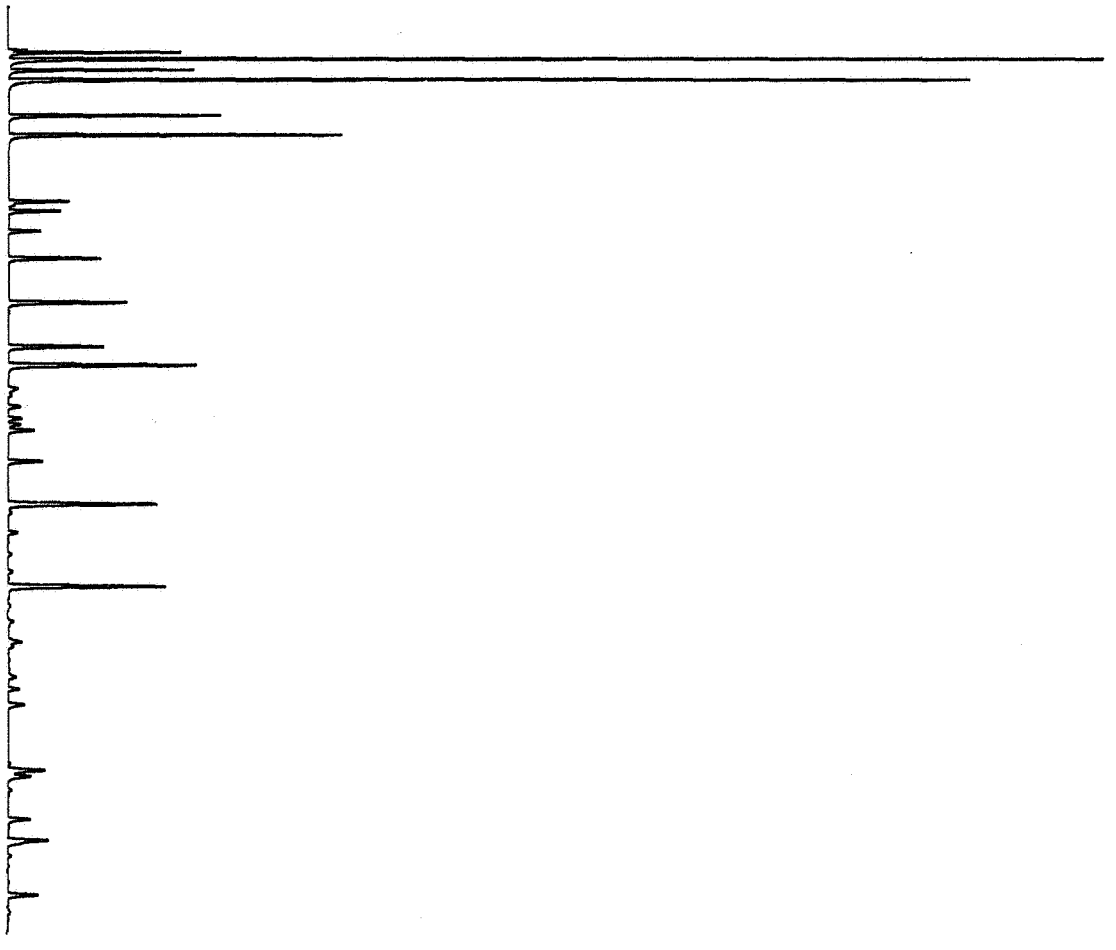


Trilab 2000 Analysis 4.8G
SAMPLE B517 MOBIL NOR 35/11-2 87J1911 (.30R) **FIGURE 5.14**
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
163.2		86.109	112.086	51.896	4.595	IC4
172.8		450.090	611.314	283.169	25.072	NC4
208.8		98.598	155.959	67.787	6.002	IC5
228.0		155.350	256.012	118.385	10.482	NC5
261.6		.253	.492	.216	.019	22DMB
294.0		28.183	54.758	27.078	2.397	CP
297.3		2.875	5.779	2.662	.236	23DMB
303.6		24.047	49.963	21.281	1.884	2MP
323.7		15.061	32.337	15.005	1.329	3MP
351.0		42.815	90.614	45.633	4.040	N-HEX
394.8		55.521	128.669	64.721	5.730	MCP/22DMP
404.1		.785	2.101	1.073	.095	24DMP
438.9		44.547	105.195	52.872	4.681	BEN
450.0		.160	.993	.485	.043	33DMP
456.9		87.485	220.840	100.261	8.877	C-HEX
479.7		4.547	16.279	7.714	.683	2MH
486.3		2.042	5.374	2.669	.236	11DMCP
497.7		5.640	14.356	6.914	.612	3MH
509.7		6.118	15.474	7.273	.644	C13DMCP
515.7		5.852	14.641	6.881	.609	T13DMCP
521.7		12.024	32.669	15.137	1.340	T12DMCP3EP
552.9		16.055	40.029	18.985	1.681	N-HEP
595.2		69.668	190.152	90.787	8.038	MCH/C12DMC
623.4		4.568	12.245	5.858	.519	ECP
677.4		73.321	196.129	114.689	10.155	TOL
				51815 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE B517 MOBIL NOR 35/11-2 87J1911 (.30R)
Plotting factors 1756.772 -94.248

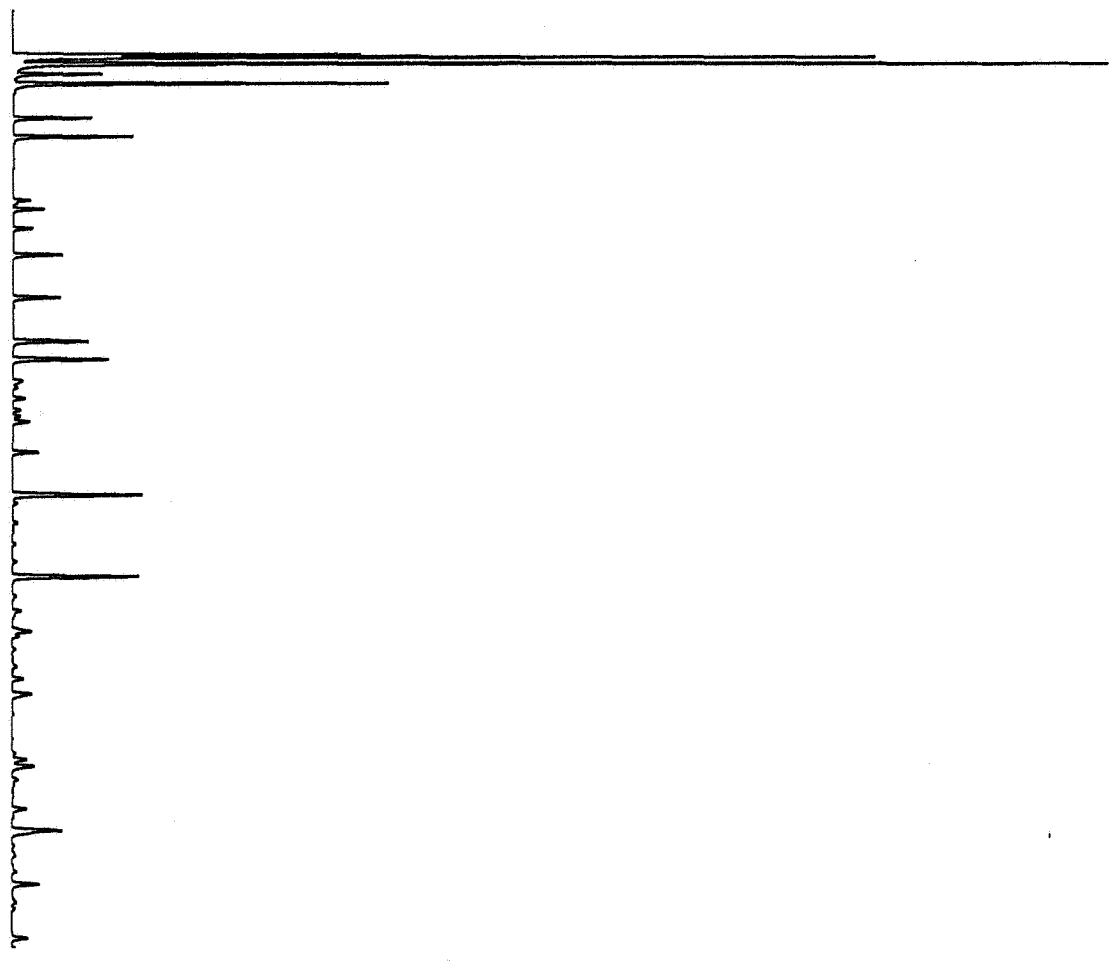


Trilab 2000 Analysis 4.8G
SAMPLE B518 MOBIL NOR 35/11-2 87K 237 (.30R) FIGURE 5.15
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
163.8		88.219	152.757	70.727	4.986	IC4
173.1		375.597	628.612	291.181	20.529	NC4
207.3		78.343	147.197	63.978	4.511	IC5
225.9		118.996	226.381	104.683	7.380	NC5
258.0		1.211	2.824	1.241	.088	22DMB
289.2		17.507	36.295	17.948	1.265	CP
292.2		4.828	9.472	4.363	.308	23DMB
298.2		30.882	67.625	28.804	2.031	2MP
317.4		19.382	43.169	20.031	1.412	3MP
343.5		48.423	107.297	54.035	3.810	N-HEX
386.1		47.123	115.315	58.003	4.089	MCP/22DMP
395.1		1.933	5.333	2.724	.192	24DMP
429.3		74.938	184.356	92.660	6.533	BEN
441.3		.660	2.800	1.368	.096	33DMP
447.0		95.516	245.584	111.495	7.861	C-HEX
468.6		10.382	39.376	18.661	1.316	2MH
475.5		4.837	14.025	6.966	.491	11DMCP
486.6		12.120	32.580	15.692	1.106	3MH
498.3		8.050	21.054	9.895	.698	C13DMCP
504.3		7.787	20.247	9.516	.671	T13DMCP
510.0		16.377	48.089	22.282	1.571	T12DMCP3EP
540.3		26.769	69.856	33.131	2.336	N-HEP
582.3		130.918	362.117	172.892	12.189	MCH/C12DMC
610.2		5.509	14.845	7.102	.501	ECP
663.3		126.841	340.312	199.003	14.030	TOL
				29405 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE B518 MOBIL NOR 35/11-2 87K 237 (.30R)
Plotting factors 815.773 -99.952

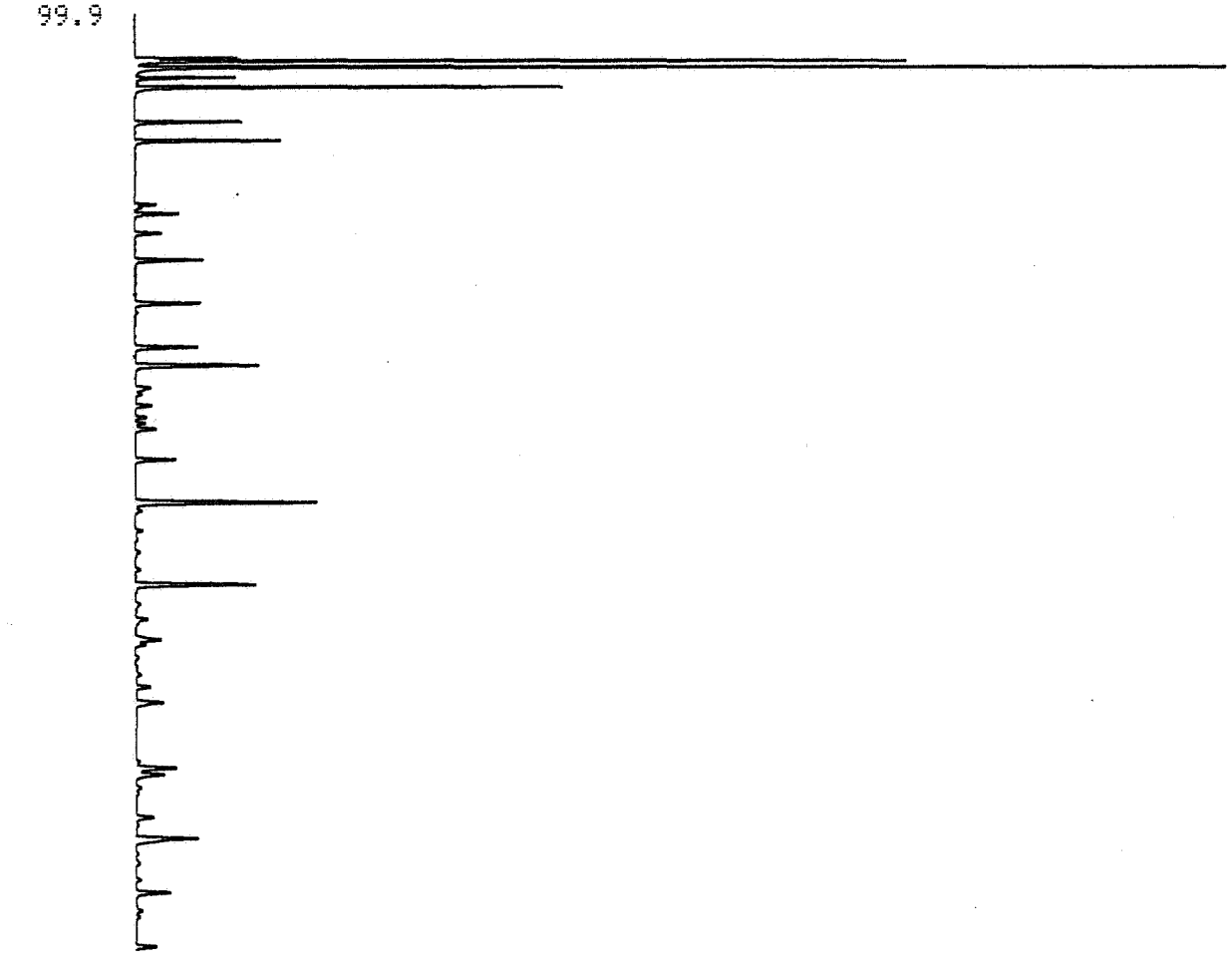


Trilab 2000 Analysis 4.8G
SAMPLE B519 MOBIL NOR 35/11-2 87K 241 (.30R) FIGURE 5.16
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
163.5		48.126	66.490	30.785	4.077	IC4
172.8		207.424	277.220	128.412	17.005	NC4
207.6		51.796	84.582	36.763	4.868	IC5
226.2		70.590	118.263	54.687	7.242	NC5
258.6		.771	1.410	.620	.082	22DMB
290.1		10.257	19.374	9.580	1.269	CP
293.4		3.250	7.180	3.307	.438	23DMB
299.1		21.001	43.018	18.323	2.426	2MP
318.6		12.958	27.995	12.990	1.720	3MP
345.3		32.605	68.843	34.669	4.591	N-HEX
388.8		30.514	69.708	35.063	4.643	MCP/22DMP
397.8		1.210	2.831	1.446	.191	24DMP
432.3		29.942	71.238	35.805	4.742	BEN
444.6		.479	2.030	.992	.131	33DMP
450.6		59.579	149.510	67.877	8.989	C-HEX
472.8		7.133	25.497	12.083	1.600	2MH
479.4		2.993	8.488	4.216	.558	11DMCP
490.8		8.184	20.954	10.092	1.336	3MH
502.5		5.320	13.834	6.502	.861	C13DMCP
508.5		5.176	13.263	6.233	.825	T13DMCP
514.5		10.185	29.368	13.608	1.802	T12DMCP3EP
545.1		18.761	46.487	22.048	2.920	N-HEP
587.7		87.122	235.544	112.460	14.893	MCH/C12DMC
615.9		3.468	9.107	4.357	.577	ECP
669.6		58.376	157.698	92.216	12.212	TOL
				28230 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE B519 MOBIL NOR 35/11-2 87K 241 (.30R)
Plotting factors 1696.770 -93.729

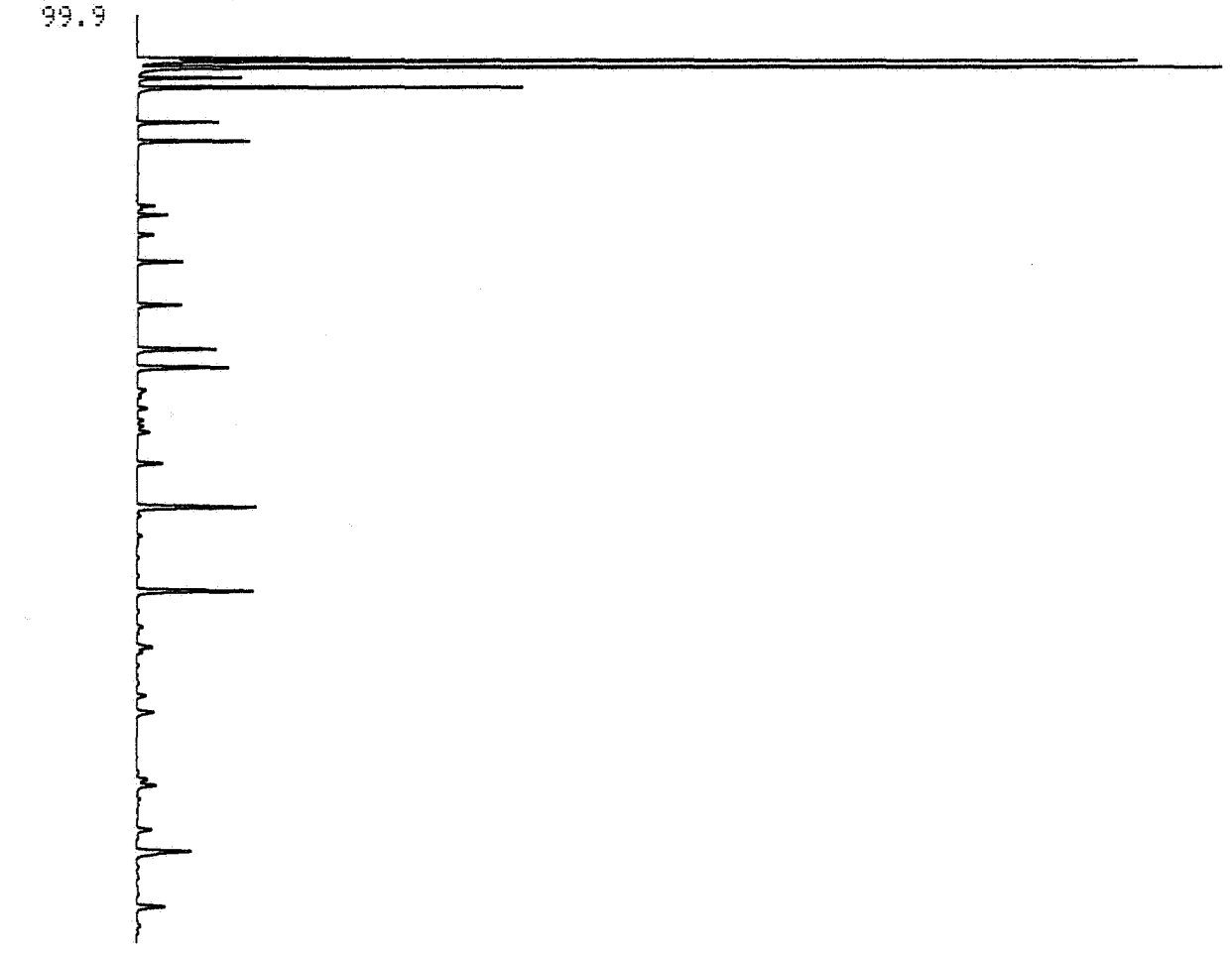


Trilab 2000 Analysis 4.8G
SAMPLE B520 MOBIL NOR 35/11-2 87K 245 (.30R) FIGURE 5.17
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
162.6		105.366	147.669	68.371	5.297	IC4
171.9		392.166	528.252	244.694	18.957	NC4
206.7		81.556	132.760	57.703	4.470	IC5
225.6		114.148	189.267	87.521	6.780	NC5
258.3		1.263	2.479	1.090	.084	22DMB
290.4		17.243	34.197	16.910	1.310	CP
293.7		5.067	10.528	4.850	.376	23DMB
299.7		29.625	61.956	26.389	2.044	2MP
319.5		17.058	37.645	17.468	1.353	3MP
346.5		46.502	102.288	51.512	3.991	N-HEX
390.0		44.289	104.593	52.610	4.076	MCP/22DMP
399.3		1.644	4.254	2.173	.168	24DMP
434.1		79.080	188.560	94.772	7.342	BEN
446.7		.383	.997	.487	.038	33DMP
452.4		92.530	233.929	106.204	8.228	C-HEX
474.9		9.145	33.011	15.644	1.212	2MH
481.8		3.731	10.457	5.194	.402	11DMCP
493.2		9.995	26.749	12.883	.998	3MH
505.5		6.599	17.303	8.133	.630	C13DMCP
511.5		6.453	17.020	7.999	.620	T13DMCP
517.5		12.064	36.296	16.818	1.303	T12DMCP3EP
549.0		26.122	68.138	32.317	2.504	N-HEP
592.5		121.384	341.084	162.849	12.616	MCH/C12DMC
621.6		4.797	12.936	6.189	.479	ECP
677.1		117.805	324.964	190.028	14.722	TOL
				50180 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE B520 MOBIL NOR 35/11-2 87K 245 (.30R)
Plotting factors 811.735 -100.588

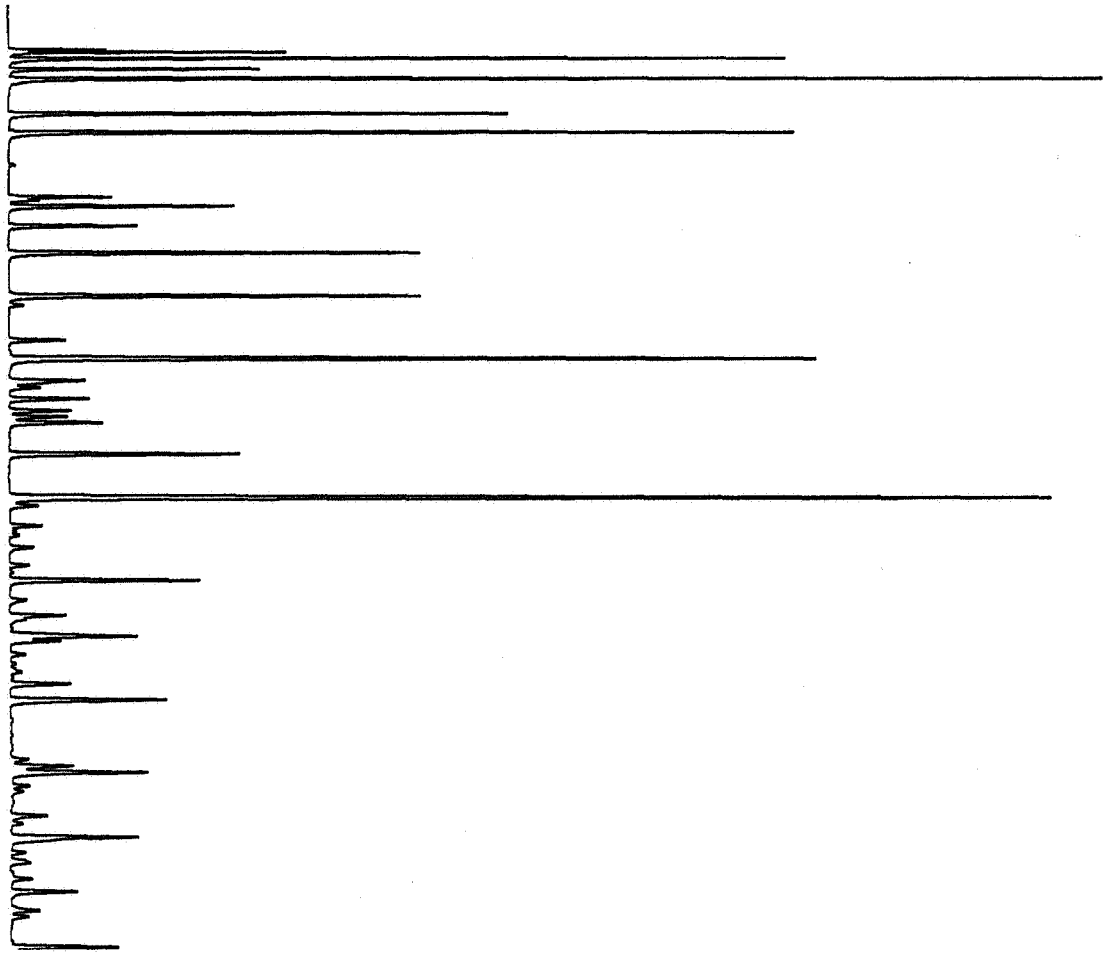


Trilab 2000 Analysis 4.8G
SAMPLE B521 MOBIL NOR 35/11-2 87K 259 (.30R) FIGURE 5.18
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
163.2		53.292	72.686	33.654	2.371	IC4
172.5		232.648	314.761	145.802	10.270	NC4
207.3		106.221	173.306	75.327	5.306	IC5
225.9		166.844	277.383	128.268	9.035	NC5
258.3		1.319	3.051	1.342	.094	22DMB
290.4		21.847	41.325	20.435	1.439	CP
293.7		6.407	14.123	6.506	.458	23DMB
299.4		47.799	99.246	42.272	2.978	2MP
318.9		27.204	58.477	27.135	1.911	3MP
345.6		87.320	184.768	93.049	6.554	N-HEX
388.8		87.147	201.790	101.500	7.150	MCP/22DMP
397.8		2.724	6.419	3.278	.231	24DMP
432.9		11.968	28.830	14.491	1.021	BEN
444.9		.496	1.358	.664	.047	33DMP
450.9		171.691	428.843	194.695	13.714	C-HEX
473.4		15.921	54.376	25.769	1.815	2MH
480.0		6.673	18.361	9.120	.642	11DMCP
491.4		17.068	44.001	21.192	1.493	3MH
503.4		12.992	33.701	15.840	1.116	C13DMCP
509.4		12.422	31.906	14.996	1.056	T13DMCP
515.4		19.953	56.975	26.399	1.860	T12DMCP3EP
546.6		48.969	128.079	60.745	4.279	N-HEP
589.5		221.744	595.332	284.240	20.022	MCH/C12DMC
617.7		6.645	17.461	8.354	.588	ECP
672.3		40.017	110.425	64.573	4.549	TOL
				193415 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE B521 MOBIL NOR 35/11-2 87K 259 (.30R)
Plotting factors 3863.073 -74.729
99.9

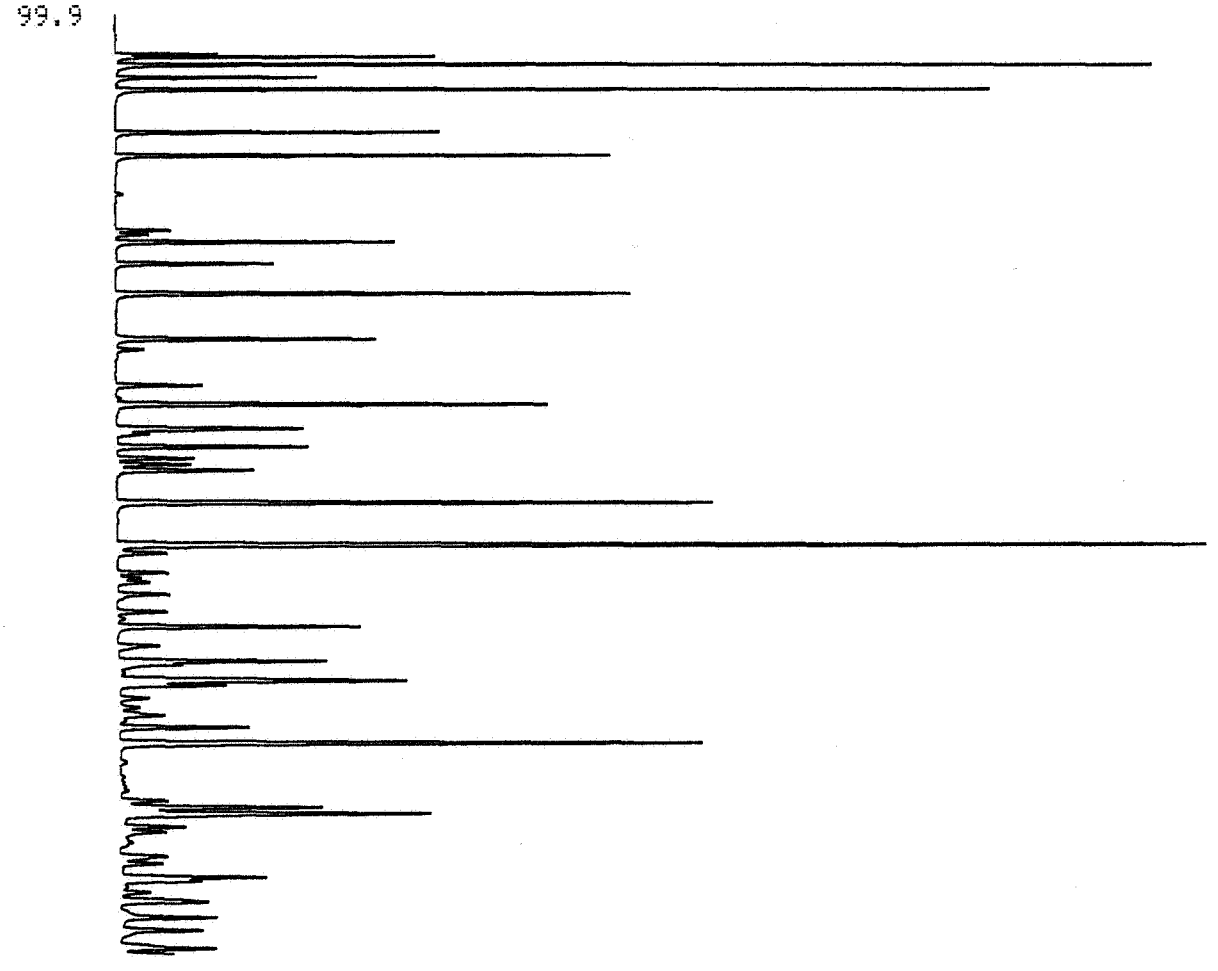


Trilab 2000 Analysis 4.8G
SAMPLE B522 MOBIL NOR 35/11-2 87K 265 (.30R) FIGURE 5.19
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
162.0		20.169	27.633	12.794	1.897	IC4
173.7		88.427	121.340	56.206	8.335	NC4
216.6		32.720	53.921	23.436	3.476	IC5
239.4		50.101	82.156	37.991	5.634	NC5
277.8		.820	1.814	.798	.118	22DMB
314.1		5.392	10.038	4.964	.736	CP
318.3		3.355	7.199	3.316	.492	23DMB
325.5		28.044	58.004	24.706	3.664	2MP
347.1		15.872	33.634	15.607	2.314	3MP
376.8		52.067	105.236	52.997	7.859	N-HEX
422.4		26.229	60.834	30.599	4.538	MCP/22DMP
432.9		2.674	6.426	3.282	.487	24DMP
468.3		8.612	19.822	9.963	1.477	BEN
481.5		.451	1.124	.549	.081	33DMP
487.2		43.541	107.906	48.989	7.265	C-HEX
511.2		18.822	58.209	27.585	4.091	2MH
517.2		3.347	9.179	4.559	.676	11DMCP
529.8		19.275	49.380	23.783	3.527	3MH
541.5		7.717	19.837	9.323	1.383	C13DMCP
547.8		7.449	18.585	8.735	1.295	T13DMCP
553.8		13.840	38.529	17.852	2.647	T12DMCP3EP
585.6		60.311	147.889	70.141	10.402	N-HEP
627.6		110.418	297.877	142.220	21.091	MCH/C12DMC
656.1		5.076	12.966	6.203	.920	ECP
709.5		24.379	64.503	37.719	5.594	TOL
				26090 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE B522 MOBIL NOR 35/11-2 87K 265 (.30R)
Plotting factors 8118.053 -36.768

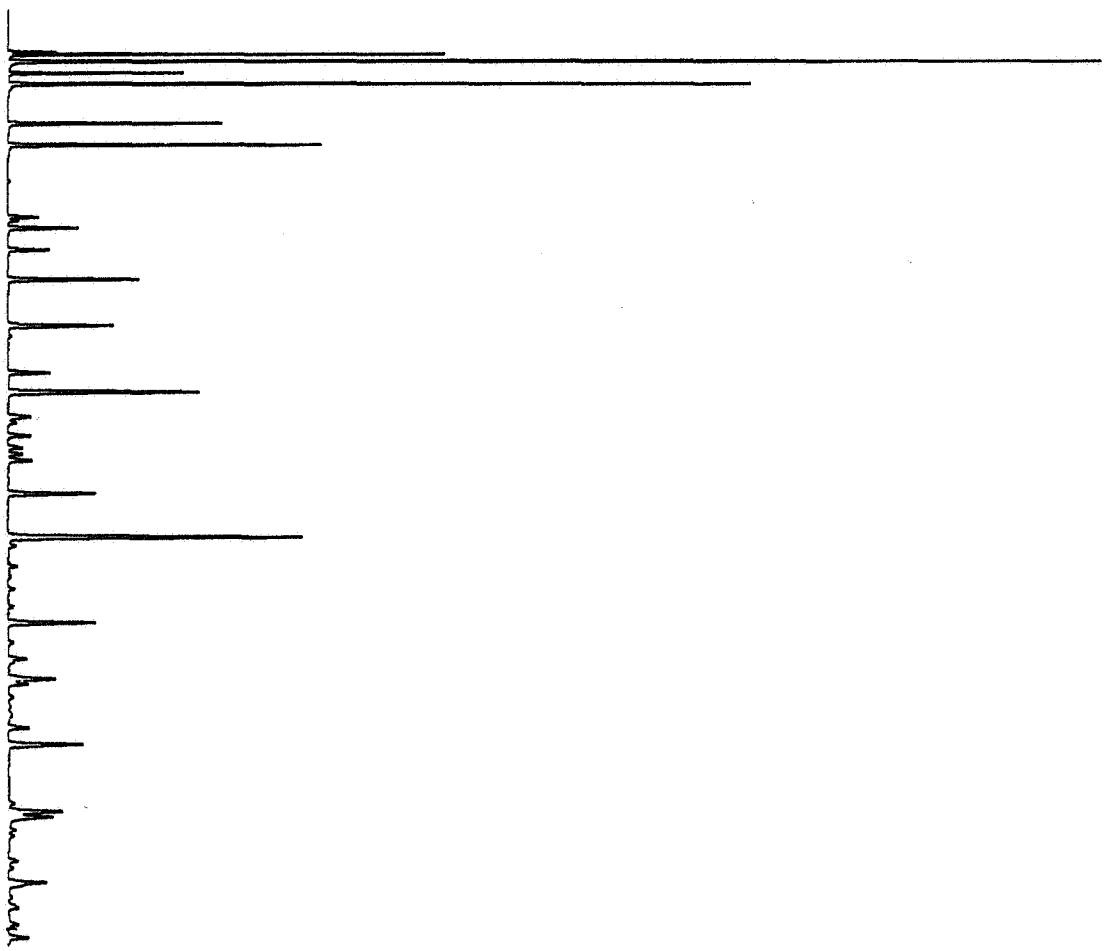


Trilab 2000 Analysis 4.8G
SAMPLE 8523 MOBIL NOR 35/11-2 87K 273 (.30R) FIGURE 5.20
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
162.9		46.714	55.622	25.753	4.178	IC4
173.7		199.435	237.120	109.837	17.818	NC4
213.0		57.254	86.960	37.797	6.131	IC5
234.0		83.922	128.057	59.217	9.606	NC5
270.3		.497	.978	.430	.070	22DMB
305.7		8.054	15.047	7.440	1.207	CP
309.9		2.271	5.471	2.520	.409	23DMB
316.2		18.473	37.401	15.930	2.584	2MP
337.8		10.716	22.330	10.362	1.681	3MP
366.9		35.004	73.290	36.909	5.987	N-HEX
413.1		28.036	63.765	32.074	5.203	MCP/22DMP
423.6		.945	2.304	1.177	.191	24DMP
459.9		10.909	25.460	12.796	2.076	BEN
473.1		.117	.327	.160	.026	33DMP
479.1		51.020	128.487	58.333	9.463	C-HEX
503.4		6.091	19.079	9.041	1.467	2MH
510.0		2.001	5.478	2.721	.441	11DMCP
522.6		6.090	15.588	7.508	1.218	3MH
534.6		3.961	10.278	4.831	.784	C13DMCP
540.9		3.768	9.931	4.668	.757	T13DMCP
546.9		6.587	18.815	8.718	1.414	T12DMCP3EP
579.9		22.952	57.867	27.445	4.452	N-HEP
623.1		78.806	212.150	101.290	16.432	MCH/C12DMC
652.2		2.507	6.172	2.953	.479	ECP
708.3		23.355	62.461	36.525	5.925	TOL
				25810 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE B523 MOBIL NOR 35/11-2 87K 273 (.30R)
Plotting factors 3056.872 -80.957
99.9

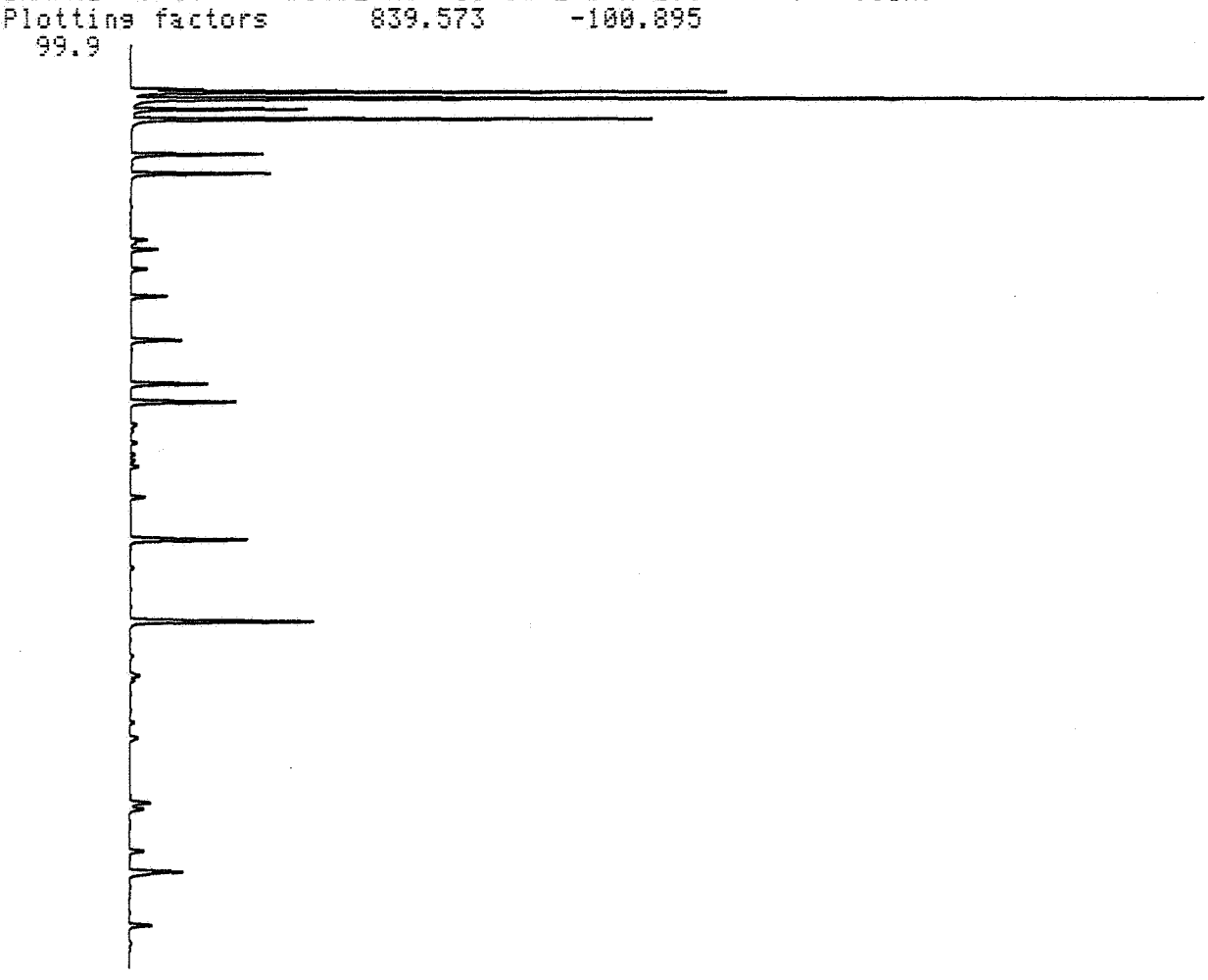


Trilab 2000 Analysis 4.8G
SAMPLE B524 MOBIL NOR 35/11-2 87K 293 (.30R) FIGURE 5.21
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
164.4		175.531	304.601	141.030	8.328	IC4
174.3		520.149	896.554	415.296	24.523	NC4
210.6		131.871	256.001	111.270	6.570	IC5
230.1		139.101	269.055	124.417	7.347	NC5
264.3		1.420	3.288	1.446	.085	22DMB
297.3		16.234	33.922	16.774	.991	CP
300.6		5.951	14.146	6.516	.385	23DMB
306.9		26.426	60.060	25.581	1.511	2MP
327.0		15.676	36.498	16.936	1.000	3MP
354.6		35.804	83.547	42.074	2.484	N-HEX
398.7		49.971	125.474	63.114	3.727	MCP/22DMP
408.3		1.414	4.516	2.306	.136	24DMP
443.4		76.221	187.766	94.374	5.573	BEN
455.7		.325	.916	.448	.026	33DMP
462.0		103.980	272.831	123.865	7.314	C-HEX
484.8		6.359	21.279	10.084	.595	2MH
491.4		2.728	7.317	3.634	.215	11DMCP
503.1		6.419	16.620	8.005	.473	3MH
515.1		5.071	12.796	6.014	.355	C13DMCP
521.1		4.788	12.104	5.689	.336	T13DMCP
527.1		8.051	21.845	10.122	.598	T12DMCP3EP
558.6		14.455	37.045	17.570	1.037	N-HEP
601.5		115.615	321.410	153.456	9.061	MCH/C12DMC
629.7		3.597	9.618	4.602	.272	ECP
684.0		182.018	494.047	288.902	17.059	TOL
				30310 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE B524 MOBIL NOR 35/11-2 87K 293 (.30R)
Plotting factors 839.573 -100.895

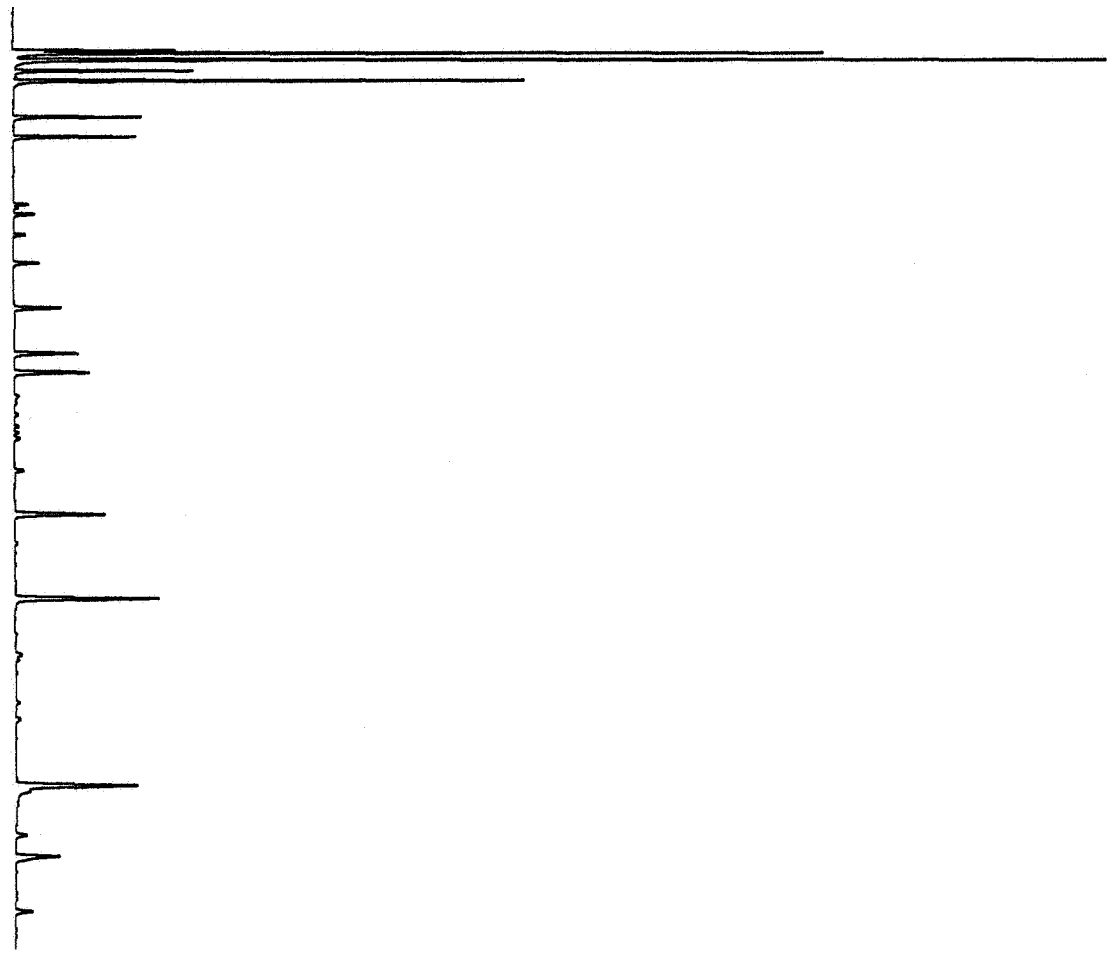


Trilab 2000 Analysis 4.8G
SAMPLE B525 MOBIL NOR 35/11-2 87K 299 (.30R) FIGURE 5.22
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
162.6		28.401	39.061	18.085	8.898	IC4
172.5		81.069	111.277	51.545	25.360	NC4
209.1		20.145	31.744	13.798	6.788	IC5
228.6		19.339	30.499	14.103	6.939	NC5
261.9		.147	.562	.247	.122	22DMB
296.4		2.244	4.275	2.114	1.040	CP
299.7		.729	1.468	.676	.333	23DMB
306.0		3.231	6.667	2.840	1.397	2MP
326.4		1.907	3.964	1.839	.905	3MP
354.6		3.995	8.445	4.253	2.092	N-HEX
399.3		7.149	15.865	7.980	3.926	MCP/22DMP
414.0		.059	.440	.225	.111	24DMP
444.6		10.090	23.385	11.753	5.783	BEN
457.2		.052	.149	.073	.036	33DMP
463.2		11.734	28.702	13.031	6.411	C-HEX
486.6		.647	2.172	1.029	.506	2MH
493.2		.302	.993	.493	.243	11DMCP
505.2		.643	1.704	.821	.404	3MH
517.2		.713	1.844	.867	.426	C13DMCP
523.2		.669	1.614	.759	.373	T13DMCP
529.5		.987	2.614	1.211	.596	T12DMCP3EP
561.3		1.327	3.156	1.497	.736	N-HEP
604.5		14.010	37.341	17.828	8.772	MCH/C12DMC
633.3		.431	1.215	.581	.286	ECP
688.2		22.690	60.885	35.603	17.517	TOL
				7720 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE B525 MOBIL NOR 35/11-2 87K 299 (.30R)
Plotting factors 5176.544 -69.198



Trilab 2000 Analysis 4.8G
SAMPLE B526 MOBIL NOR 35/11-2 87K 305 (.30R) FIGURE 5.23
Method : GASOLINE

Table No.10 GASOLINE (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
164.4		24.400	40.005	18.522	8.632	IC4
174.3		68.194	111.549	51.671	24.081	NC4
210.9		17.957	32.994	14.341	6.683	IC5
230.4		16.708	31.063	14.364	6.694	NC5
261.3		.133	.184	.081	.038	22DMB
297.3		2.062	4.049	2.002	.933	CP
300.9		.840	2.033	.936	.436	23DMB
306.9		3.531	7.891	3.361	1.566	2MP
327.0		2.202	5.092	2.363	1.101	3MP
354.6		4.345	10.040	5.056	2.356	N-HEX
398.7		7.552	18.647	9.380	4.371	MCP/22DMP
408.3		.203	.631	.322	.150	24DMP
442.8		11.341	27.459	13.801	6.432	BEN
454.5		.037	.105	.052	.024	33DMP
461.1		11.950	29.958	13.601	6.339	C-HEX
483.6		.714	2.452	1.162	.542	2MH
490.2		.469	1.366	.678	.316	11DMCP
501.9		.697	1.667	.803	.374	3MH
513.6		.772	2.024	.951	.443	C13DMCP
519.6		.768	2.036	.957	.446	T13DMCP
525.6		1.188	3.346	1.551	.723	T12DMCP3EP
556.5		1.490	3.872	1.836	.856	N-HEP
599.1		15.899	43.505	20.771	9.680	MCH/C12DMC
627.3		.439	1.014	.485	.226	ECP
681.0		22.112	60.749	35.524	16.556	TOL
				8445 ppb		

Trilab 2000 Analysis 4.8G
SAMPLE B526 MOBIL NOR 35/11-2 87K 305 (.30R)
Plotting factors 5634.932 -64.222
99.9

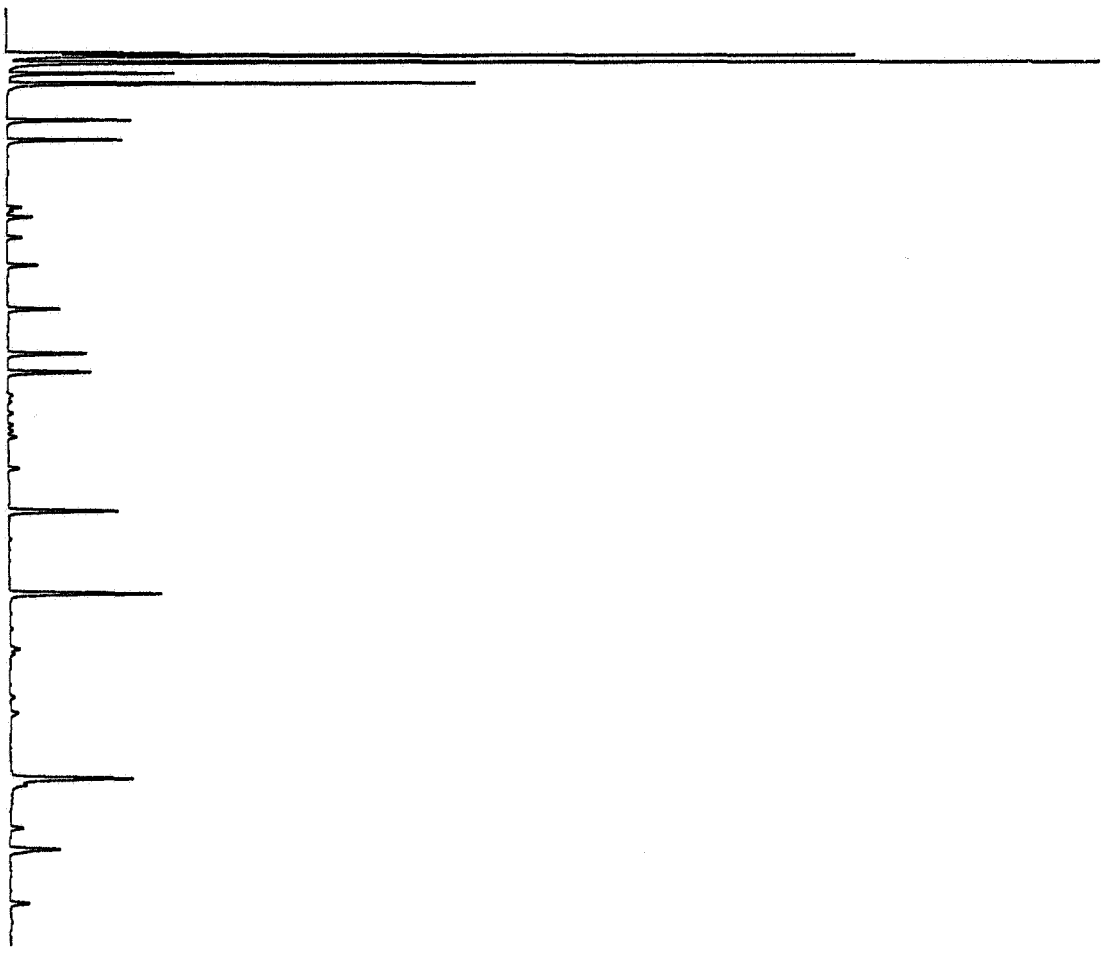
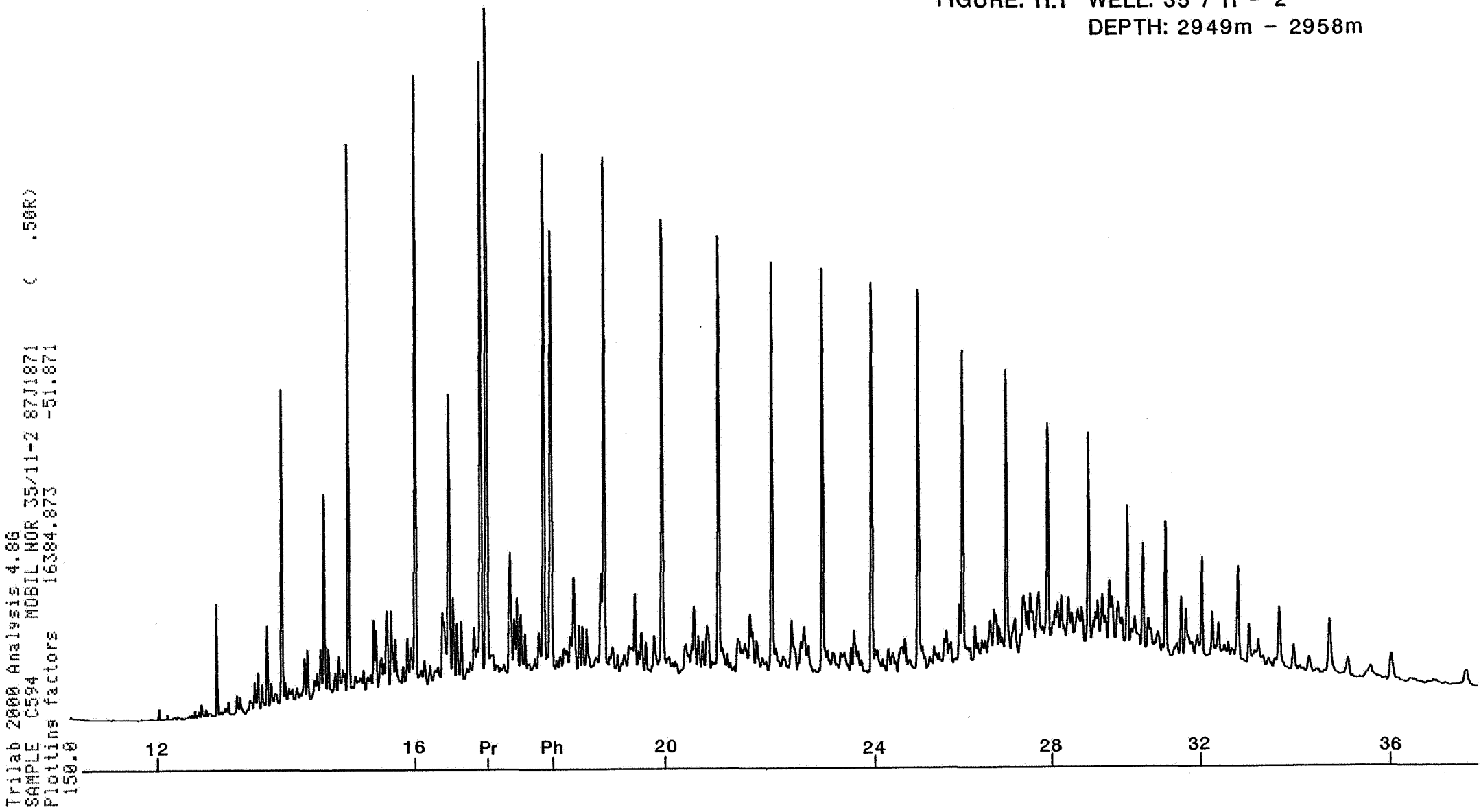


FIGURE: 11.1 WELL: 35 / 11 - 2
DEPTH: 2949m - 2958m



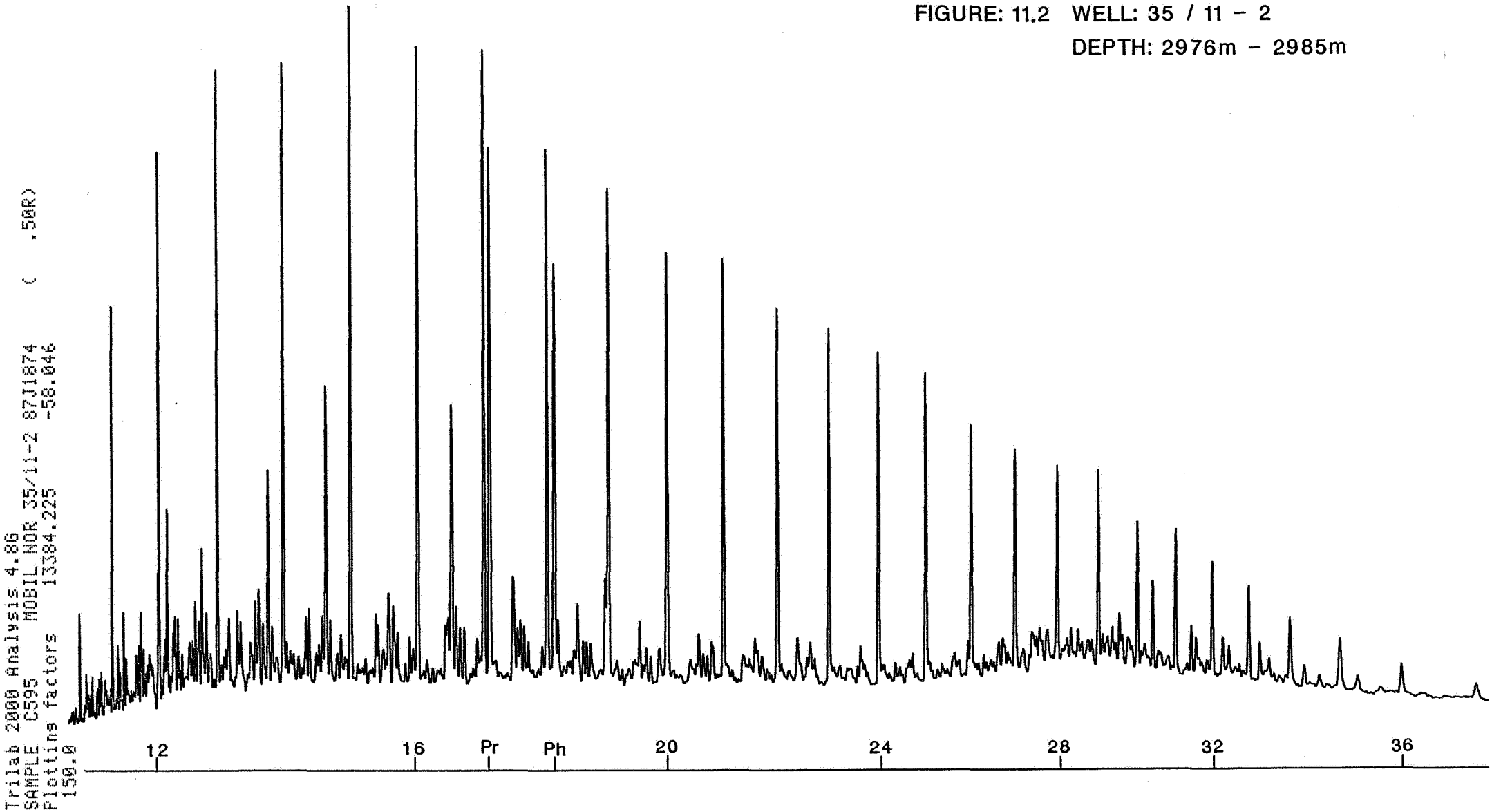
Trilab 2000 Analysis 4.8G
SAMPLE C594 MOBIL NOR 35/11-2 87J1871 (.50R)
Method : C SATS AI

Table No.10 C SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
869.5		24.194	125.242	125.242	3.174	NC	14
1096.5		41.945	225.588	225.588	5.717	NC	15
1322.5		46.385	261.053	261.053	6.616	NC	16
1544.0		46.913	300.374	300.374	7.613	NC	17
1564.0		50.495	365.746	365.746	9.270	PR	
1757.0		39.320	248.517	248.517	6.299	NC	18
1780.5		33.531	257.437	257.437	6.525	PH	
1961.5		39.202	239.469	239.469	6.069	NC	19
2157.0		34.691	234.993	234.993	5.956	NC	20
2345.0		32.770	201.667	201.667	5.111	NC	21
2525.0		30.997	193.104	193.104	4.894	NC	22
2697.5		30.664	189.757	189.757	4.809	NC	23
2863.0		29.916	186.170	186.170	4.718	NC	24
3022.0		29.112	182.923	182.923	4.636	NC	25
3175.0		23.304	140.204	140.204	3.553	NC	26
3322.0		21.469	131.325	131.325	3.328	NC	27
3464.0		15.074	87.749	87.749	2.224	NC	28
3601.0		15.941	96.939	96.939	2.457	NC	29
3733.0		10.348	63.010	63.010	1.597	NC	30
3861.0		9.930	60.887	60.887	1.543	NC	31
3985.0		7.164	40.980	40.980	1.039	NC	32
4106.5		7.057	49.964	49.964	1.266	NC	33
4245.5		4.402	34.427	34.427	.873	NC	34
4414.5		3.261	28.069	28.069	.711	NC	35
				3945.592			

FIGURE: 11.2 WELL: 35 / 11 - 2

DEPTH: 2976m - 2985m

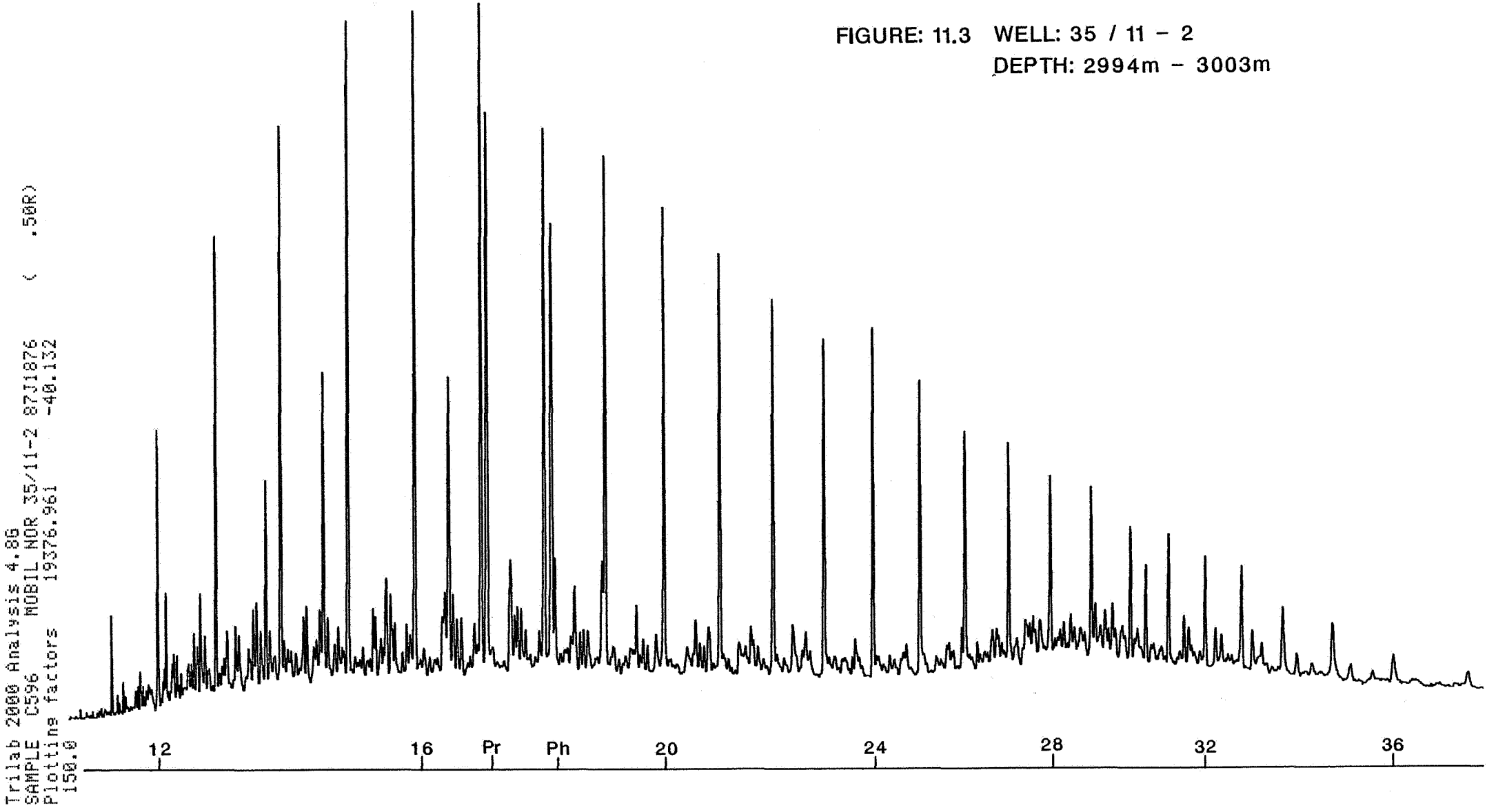


Trilab 2000 Analysis 4.8G
SAMPLE C595 MOBIL NOR 35/11-2 87J1874 (.50R)
Method : C SATS AI

Table No.10 C SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
869.5		58.017	314.387	314.387	6.703	NC	14
1096.5		62.974	343.346	343.346	7.320	NC	15
1322.5		59.572	344.747	344.747	7.350	NC	16
1544.5		58.504	357.428	357.428	7.621	NC	17
1563.5		48.873	363.651	363.651	7.753	PR	
1757.0		48.765	288.886	288.886	6.159	NC	18
1781.5		36.994	271.442	271.442	5.787	PH	
1962.5		45.672	276.960	276.960	5.905	NC	19
2158.5		39.739	262.823	262.823	5.604	NC	20
2346.0		38.519	216.819	216.819	4.623	NC	21
2526.0		34.744	209.172	209.172	4.460	NC	22
2698.5		32.986	206.869	206.869	4.411	NC	23
2864.0		30.938	194.821	194.821	4.154	NC	24
3023.0		27.945	171.165	171.165	3.649	NC	25
3176.0		23.486	154.435	154.435	3.293	NC	26
3323.5		20.343	133.122	133.122	2.838	NC	27
3465.5		16.663	89.123	89.123	1.900	NC	28
3602.5		17.801	109.452	109.452	2.334	NC	29
3734.5		13.240	78.107	78.107	1.665	NC	30
3862.5		13.498	86.813	86.813	1.851	NC	31
3986.5		10.361	61.678	61.678	1.315	NC	32
4108.0		8.545	61.039	61.039	1.301	NC	33
4246.0		6.097	55.347	55.347	1.180	NC	34
4414.5		4.054	38.678	38.678	.825	NC	35
				4690.307			

FIGURE: 11.3 WELL: 35 / 11 - 2
DEPTH: 2994m - 3003m

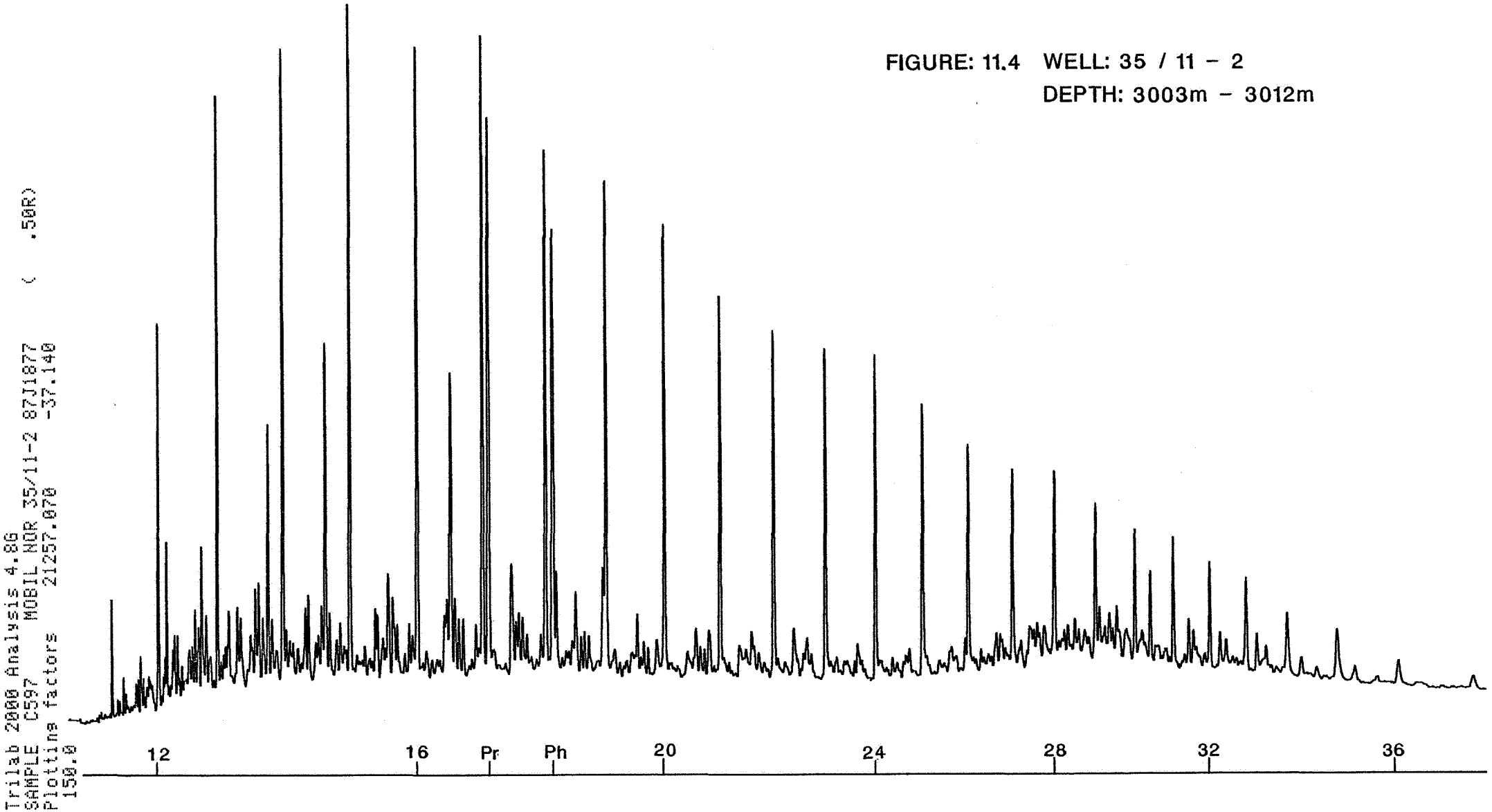


Trilab 2000 Analysis 4.8G
SAMPLE C596 MOBIL NOR 35/11-2 87J1876 (.50R)
Method : C SATS AI

Table No.10 C SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
866.0		35.908	188.333	188.333	5.879	NC	14
1092.0		42.238	224.821	224.821	7.019	NC	15
1317.5		42.382	225.719	225.719	7.047	NC	16
1538.5		42.842	247.721	247.721	7.733	NC	17
1558.0		35.436	256.522	256.522	8.008	PR	
1751.0		34.709	209.244	209.244	6.532	NC	18
1775.0		28.555	223.426	223.426	6.975	PH	
1955.5		33.018	191.937	191.937	5.992	NC	19
2151.5		29.806	186.438	186.438	5.820	NC	20
2339.5		27.106	165.207	165.207	5.158	NC	21
2519.5		23.583	137.558	137.558	4.294	NC	22
2691.5		21.358	132.407	132.407	4.134	NC	23
2857.5		22.440	129.524	129.524	4.044	NC	24
3016.5		18.460	111.342	111.342	3.476	NC	25
3169.0		14.984	92.323	92.323	2.882	NC	26
3316.0		13.733	82.610	82.610	2.579	NC	27
3458.5		11.352	75.382	75.382	2.353	NC	28
3595.0		10.536	63.918	63.918	1.995	NC	29
3727.5		8.323	48.278	48.278	1.507	NC	30
3855.5		8.298	52.564	52.564	1.641	NC	31
3979.0		6.804	37.999	37.999	1.186	NC	32
4100.5		5.517	29.926	29.926	.934	NC	33
4240.5		3.740	42.743	42.743	1.334	NC	34
4405.0		3.252	47.288	47.288	1.476	NC	35
				3203.227			

FIGURE: 11.4 WELL: 35 / 11 - 2
DEPTH: 3003m - 3012m

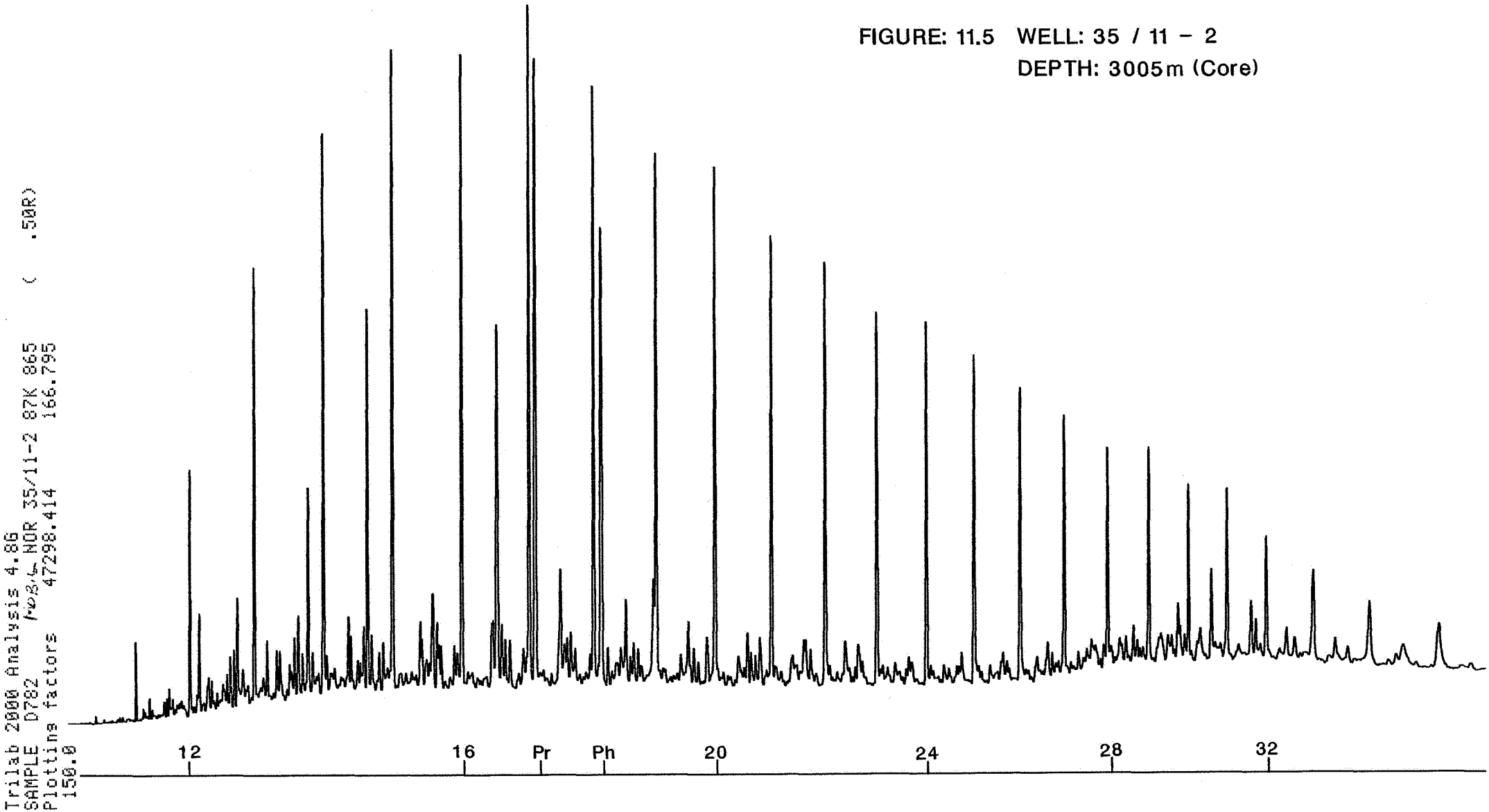


Trilab 2000 Analysis 4.8G
SAMPLE C597 MOBIL NOR 35/11-2 87J1877 (.50R)
Method : C SATS AI

Table No.10 C SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
866.5		37.035	191.423	191.423	6.703	NC	14
1092.5		39.105	212.696	212.696	7.448	NC	15
1318.5		36.733	210.831	210.831	7.382	NC	16
1539.5		37.009	219.206	219.206	7.676	NC	17
1559.5		31.979	233.679	233.679	8.182	PR	
1753.0		29.957	173.345	173.345	6.070	NC	18
1777.0		25.471	193.849	193.849	6.788	PH	
1957.5		28.737	168.891	168.891	5.914	NC	19
2153.5		26.141	159.035	159.035	5.569	NC	20
2341.0		21.730	131.427	131.427	4.602	NC	21
2521.0		19.957	122.742	122.742	4.298	NC	22
2693.0		19.026	114.172	114.172	3.998	NC	23
2858.5		19.043	113.469	113.469	3.973	NC	24
3017.5		15.447	99.805	99.805	3.495	NC	25
3170.5		12.920	79.978	79.978	2.800	NC	26
3318.5		11.255	73.555	73.555	2.576	NC	27
3461.0		10.588	71.727	71.727	2.512	NC	28
3598.0		8.044	45.314	45.314	1.587	NC	29
3730.5		7.303	41.791	41.791	1.463	NC	30
3859.5		7.392	46.963	46.963	1.644	NC	31
3983.5		5.880	34.419	34.419	1.205	NC	32
4101.5		2.824	42.139	42.139	1.475	NC	33
4240.0		2.354	36.970	36.970	1.295	NC	34
4410.0		2.888	38.472	38.472	1.347	NC	35
				2855.896			

FIGURE: 11.5 WELL: 35 / 11 - 2
DEPTH: 3005m (Core)

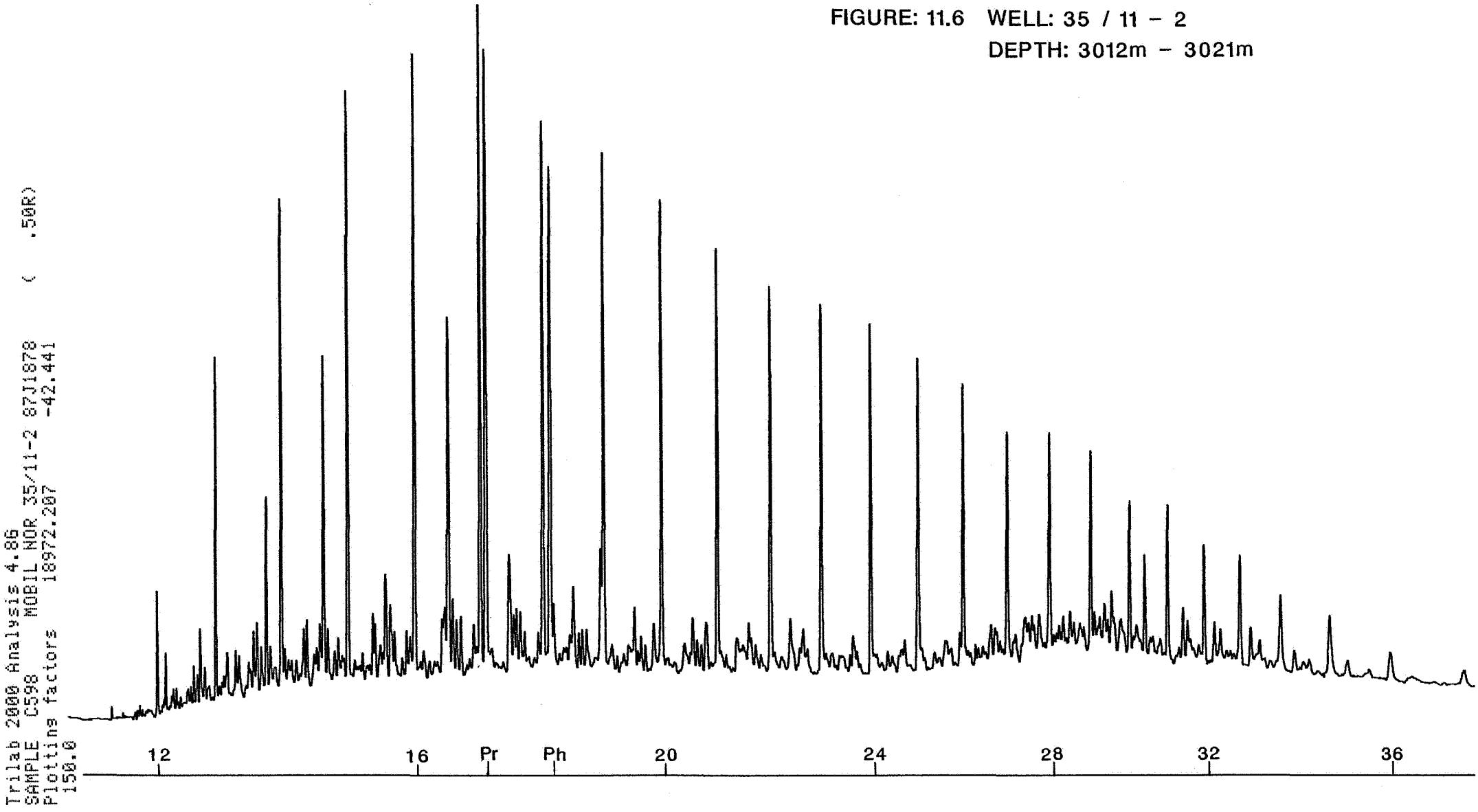


Trilab 2000 Analysis 4.8G
SAMPLE D782 MOBIL NOR 35/11-2 87K 865 (.50R)
Method : D SATS AI

Table No. 9 D SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
1004.5		14.810	70.972	70.972	5.411	NC	14
1238.5		16.929	88.683	88.683	6.761	NC	15
1470.0		16.738	88.178	88.178	6.722	NC	16
1695.0		17.864	95.162	95.162	7.255	NC	17
1715.0		16.403	111.617	111.617	8.509	PR	
1911.0		15.630	80.492	80.492	6.136	NC	18
1935.5		12.039	91.257	91.257	6.957	PH	
2118.0		13.671	71.865	71.865	5.479	NC	19
2316.0		13.566	72.804	72.804	5.550	NC	20
2505.0		11.619	58.968	58.968	4.496	NC	21
2686.0		11.076	58.629	58.629	4.470	NC	22
2858.5		9.798	53.308	53.308	4.064	NC	23
3025.0		9.506	49.978	49.978	3.810	NC	24
3185.5		8.647	49.441	49.441	3.769	NC	25
3339.0		7.680	45.588	45.588	3.476	NC	26
3487.5		6.816	39.535	39.535	3.014	NC	27
3630.5		5.546	29.037	29.037	2.214	NC	28
3769.0		5.626	32.316	32.316	2.464	NC	29
3902.0		4.495	24.524	24.524	1.870	NC	30
4031.0		4.384	25.253	25.253	1.925	NC	31
4162.5		3.020	18.554	18.554	1.415	NC	32
4319.0		2.287	21.701	21.701	1.654	NC	33
4509.0		1.609	19.502	19.502	1.487	NC	34
4741.0		1.038	14.337	14.337	1.093	NC	35
				1311.703			

FIGURE: 11.6 WELL: 35 / 11 - 2
DEPTH: 3012m - 3021m

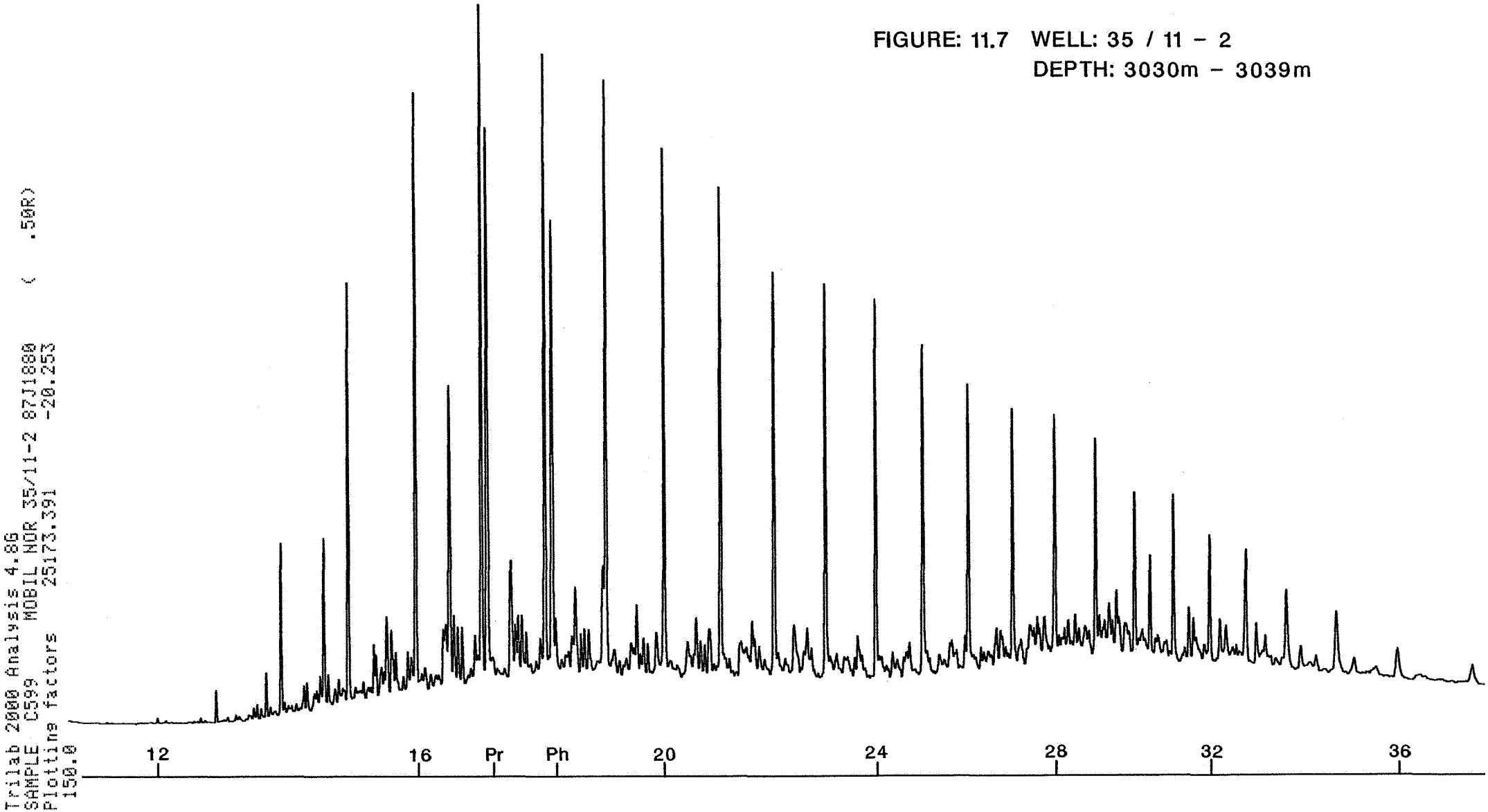


Trilab 2000 Analysis 4.8G
SAMPLE D794 MOBIL NOR 35/11-2 87K 878 (.50R)
Method : D SATS AI

Table No. 9 D SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
1004.0		12.803	66.097	66.097	2.487	NC	14
1238.0		17.439	84.317	84.317	3.172	NC	15
1469.5		20.174	103.371	103.371	3.889	NC	16
1694.0		22.971	125.407	125.407	4.719	NC	17
1714.5		21.643	151.484	151.484	5.700	PR	
1909.5		24.980	131.204	131.204	4.937	NC	18
1934.0		4.249	32.411	32.411	1.219	PH	
2117.0		27.185	156.972	156.972	5.906	NC	19
2315.0		27.277	145.093	145.093	5.459	NC	20
2504.0		28.748	153.829	153.829	5.788	NC	21
2685.0		29.245	161.396	161.396	6.073	NC	22
2858.5		32.482	171.954	171.954	6.470	NC	23
3025.5		29.870	167.698	167.698	6.310	NC	24
3185.5		32.434	178.709	178.709	6.724	NC	25
3339.0		28.249	150.241	150.241	5.653	NC	26
3487.0		26.180	149.132	149.132	5.611	NC	27
3629.5		21.881	111.001	111.001	4.176	NC	28
3768.0		19.269	109.285	109.285	4.112	NC	29
3901.0		13.914	75.746	75.746	2.850	NC	30
4029.5		11.710	67.562	67.562	2.542	NC	31
4162.0		6.273	43.103	43.103	1.622	NC	32
4318.5		6.320	60.090	60.090	2.261	NC	33
4507.0		3.017	38.567	38.567	1.451	NC	34
4738.5		1.813	23.099	23.099	.869	NC	35
				2657.767			

FIGURE: 11.7 WELL: 35 / 11 - 2
DEPTH: 3030m - 3039m

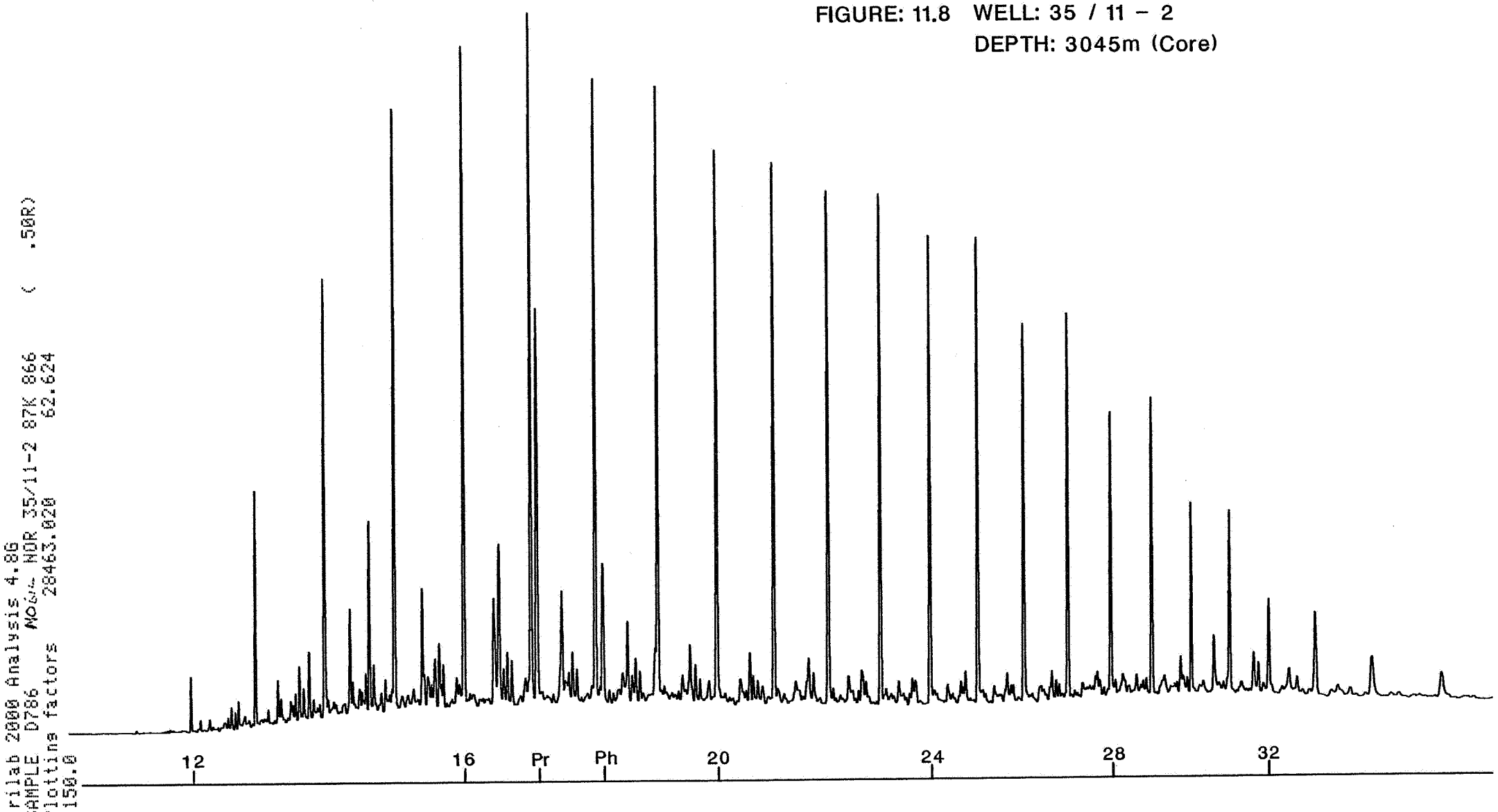


Trilab 2000 Analysis 4.8G
SAMPLE C599 MOBIL NOR 35/11-2 87J1880 (.50R)
Method : C SATS AI

Table No.10 C SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
864.5		8.488	43.450	43.450	1.707	NC	14
1091.0		20.701	115.085	115.085	4.522	NC	15
1317.5		29.321	162.812	162.812	6.398	NC	16
1538.5		33.149	196.082	196.082	7.705	NC	17
1558.0		26.829	197.352	197.352	7.755	PR	
1751.5		30.530	180.812	180.812	7.105	NC	18
1775.5		22.312	169.629	169.629	6.666	PH	
1956.5		29.016	168.195	168.195	6.609	NC	19
2153.0		25.854	162.456	162.456	6.384	NC	20
2341.0		24.025	150.750	150.750	5.924	NC	21
2521.5		19.487	122.867	122.867	4.828	NC	22
2693.5		19.051	114.817	114.817	4.512	NC	23
2859.0		18.693	114.057	114.057	4.482	NC	24
3018.5		16.209	116.129	116.129	4.563	NC	25
3171.5		13.429	79.627	79.627	3.129	NC	26
3318.5		12.330	77.750	77.750	3.055	NC	27
3460.5		11.312	70.119	70.119	2.755	NC	28
3597.5		10.108	58.975	58.975	2.317	NC	29
3729.5		7.883	52.315	52.315	2.056	NC	30
3857.5		7.991	48.902	48.902	1.922	NC	31
3982.5		6.193	41.612	41.612	1.635	NC	32
4104.5		5.315	38.790	38.790	1.524	NC	33
4243.0		3.521	32.480	32.480	1.276	NC	34
4410.5		2.692	29.811	29.811	1.171	NC	35
				2544.872			

FIGURE: 11.8 WELL: 35 / 11 – 2
DEPTH: 3045m (Core)

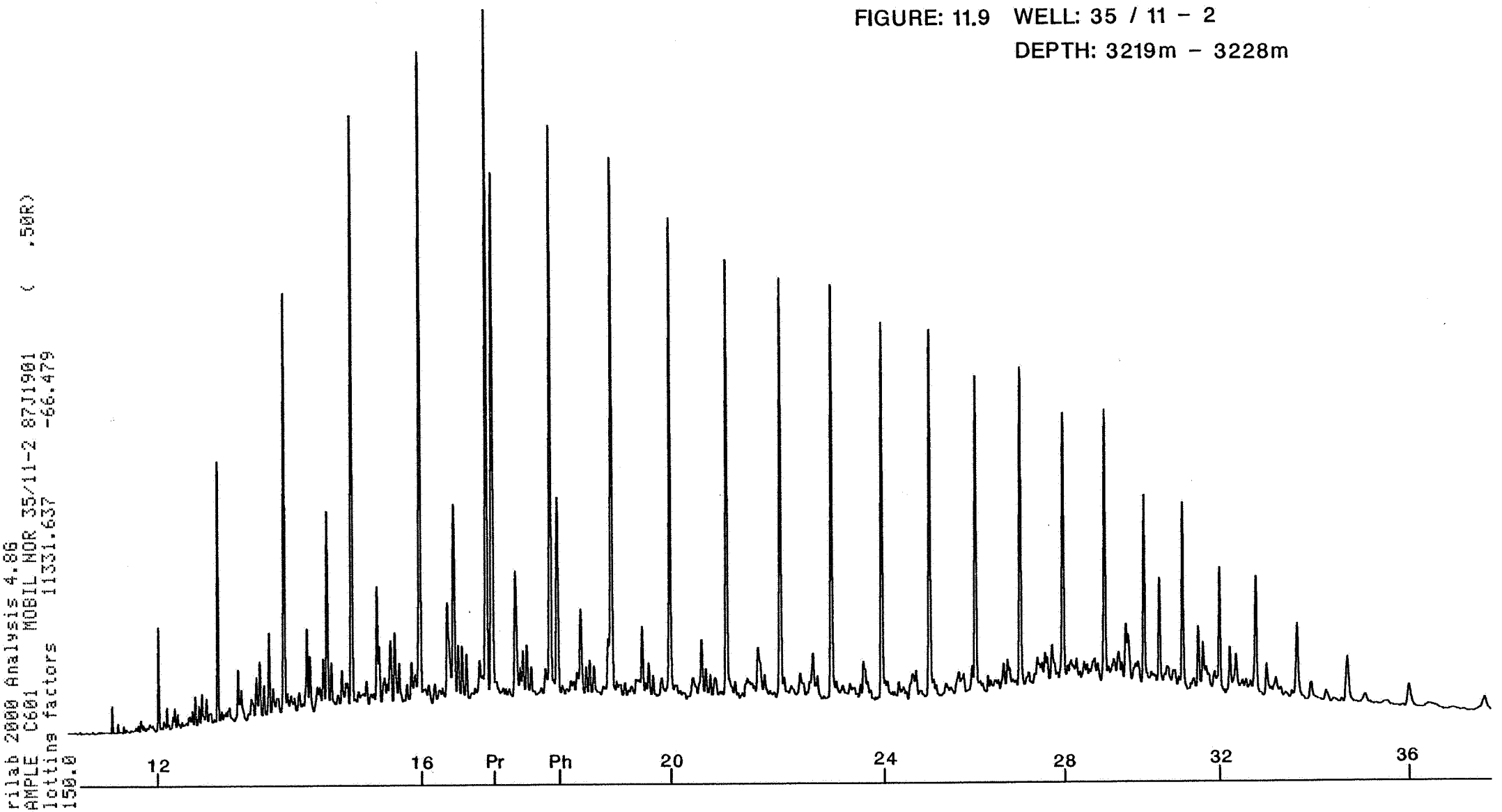


Trilab 2000 Analysis 4.8G
SAMPLE D786 mod: L NOR 35/11-2 87K 866 (.50R)
Method : D SATS AI

Table No. 9 D SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
1005.0		19.211	96.985	96.985	4.327	NC	14
1239.5		26.306	133.522	133.522	5.957	NC	15
1471.0		28.780	146.950	146.950	6.556	NC	16
1696.0		30.120	157.802	157.802	7.040	NC	17
1716.0		17.125	120.916	120.916	5.394	PR	
1912.0		27.306	147.734	147.734	6.591	NC	18
1936.0		6.051	49.750	49.750	2.219	PH	
2118.5		26.679	153.952	153.952	6.868	NC	19
2316.0		23.992	132.241	132.241	5.899	NC	20
2506.0		23.702	127.677	127.677	5.696	NC	21
2686.5		22.451	122.925	122.925	5.484	NC	22
2860.5		22.291	118.718	118.718	5.296	NC	23
3026.5		20.361	106.692	106.692	4.760	NC	24
3186.5		20.382	111.409	111.409	4.970	NC	25
3340.0		16.558	96.120	96.120	4.288	NC	26
3488.5		16.774	87.779	87.779	3.916	NC	27
3631.0		12.188	67.793	67.793	3.024	NC	28
3769.0		13.007	75.277	75.277	3.358	NC	29
3901.5		8.254	46.778	46.778	2.087	NC	30
4030.0		7.904	49.035	49.035	2.187	NC	31
4162.5		4.083	30.006	30.006	1.339	NC	32
4317.5		3.418	27.021	27.021	1.205	NC	33
4508.0		1.659	20.235	20.235	.903	NC	34
4738.5		1.076	14.299	14.299	.638	NC	35
				2241.615			

FIGURE: 11.9 WELL: 35 / 11 - 2
DEPTH: 3219m - 3228m

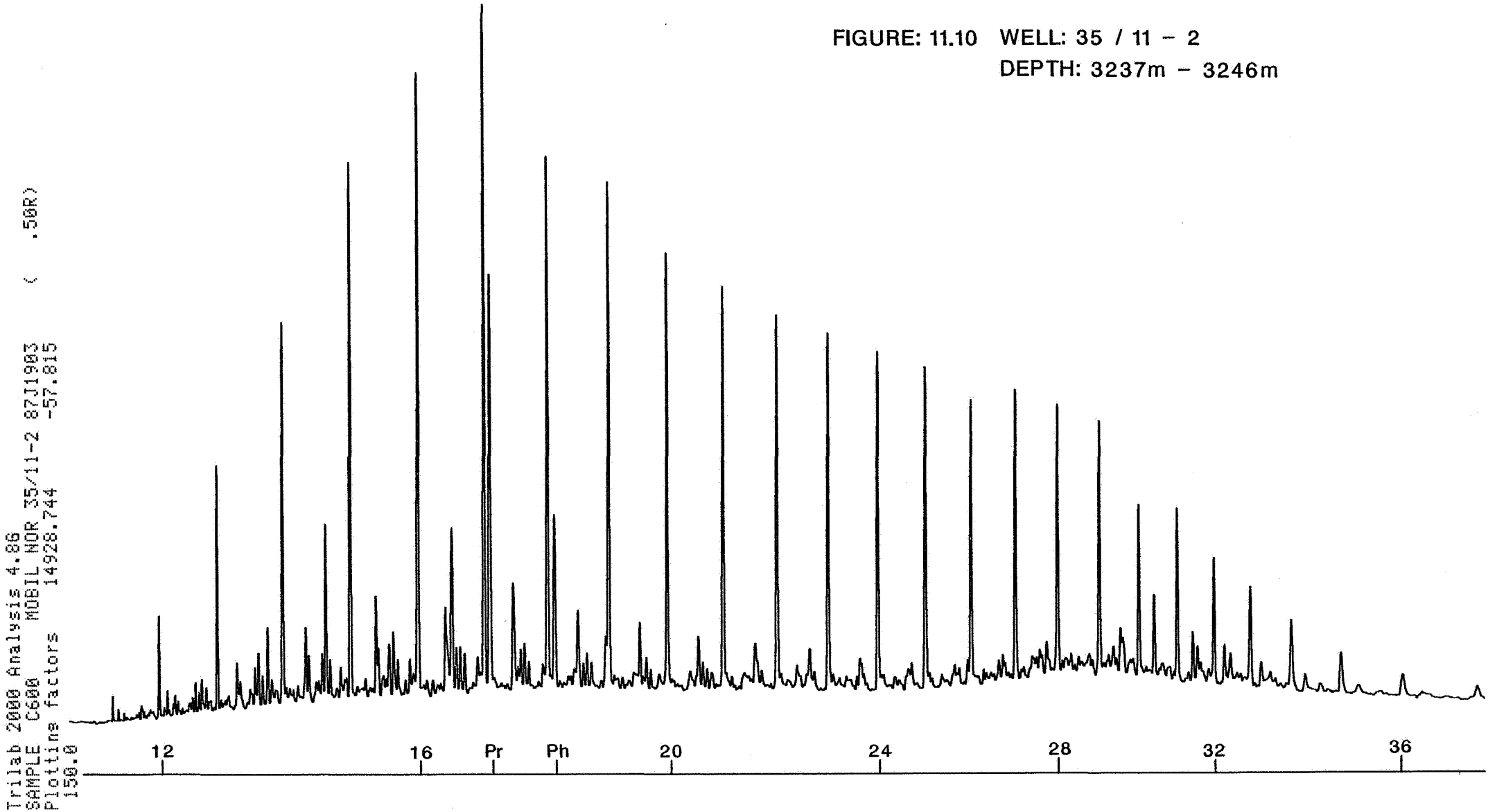


Trilab 2000 Analysis 4.86
SAMPLE C601 MOBIL NOR 35/11-2 87J1901 (.50R)
Method : C SATS AI

Table No.10 C SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
866.5		46.077	256.958	256.958	4.295	NC	14
1092.5		64.355	366.297	366.297	6.122	NC	15
1318.0		70.517	416.404	416.404	6.960	NC	16
1539.5		74.922	466.448	466.448	7.796	NC	17
1559.0		57.191	446.759	446.759	7.467	PR	
1752.5		62.447	388.348	388.348	6.491	NC	18
1775.0		21.450	169.742	169.742	2.837	PH	
1957.0		58.415	367.231	367.231	6.138	NC	19
2153.5		51.847	324.215	324.215	5.419	NC	20
2341.0		47.604	309.687	309.687	5.176	NC	21
2520.5		45.691	282.185	282.184	4.716	NC	22
2693.5		45.210	286.701	286.701	4.792	NC	23
2859.0		40.308	245.483	245.483	4.103	NC	24
3018.5		39.419	251.788	251.788	4.208	NC	25
3171.5		34.236	220.955	220.955	3.693	NC	26
3319.5		34.951	231.492	231.492	3.869	NC	27
3461.5		28.676	194.778	194.778	3.255	NC	28
3598.5		29.223	185.597	185.597	3.102	NC	29
3731.0		20.386	132.257	132.257	2.210	NC	30
3858.0		19.659	115.379	115.379	1.928	NC	31
3981.0		13.686	93.725	93.725	1.566	NC	32
4103.0		12.398	92.646	92.646	1.548	NC	33
4241.5		8.167	79.935	79.935	1.336	NC	34
4410.0		4.967	58.207	58.207	.973	NC	35
				5983.212			

FIGURE: 11.10 WELL: 35 / 11 – 2
DEPTH: 3237m – 3246m

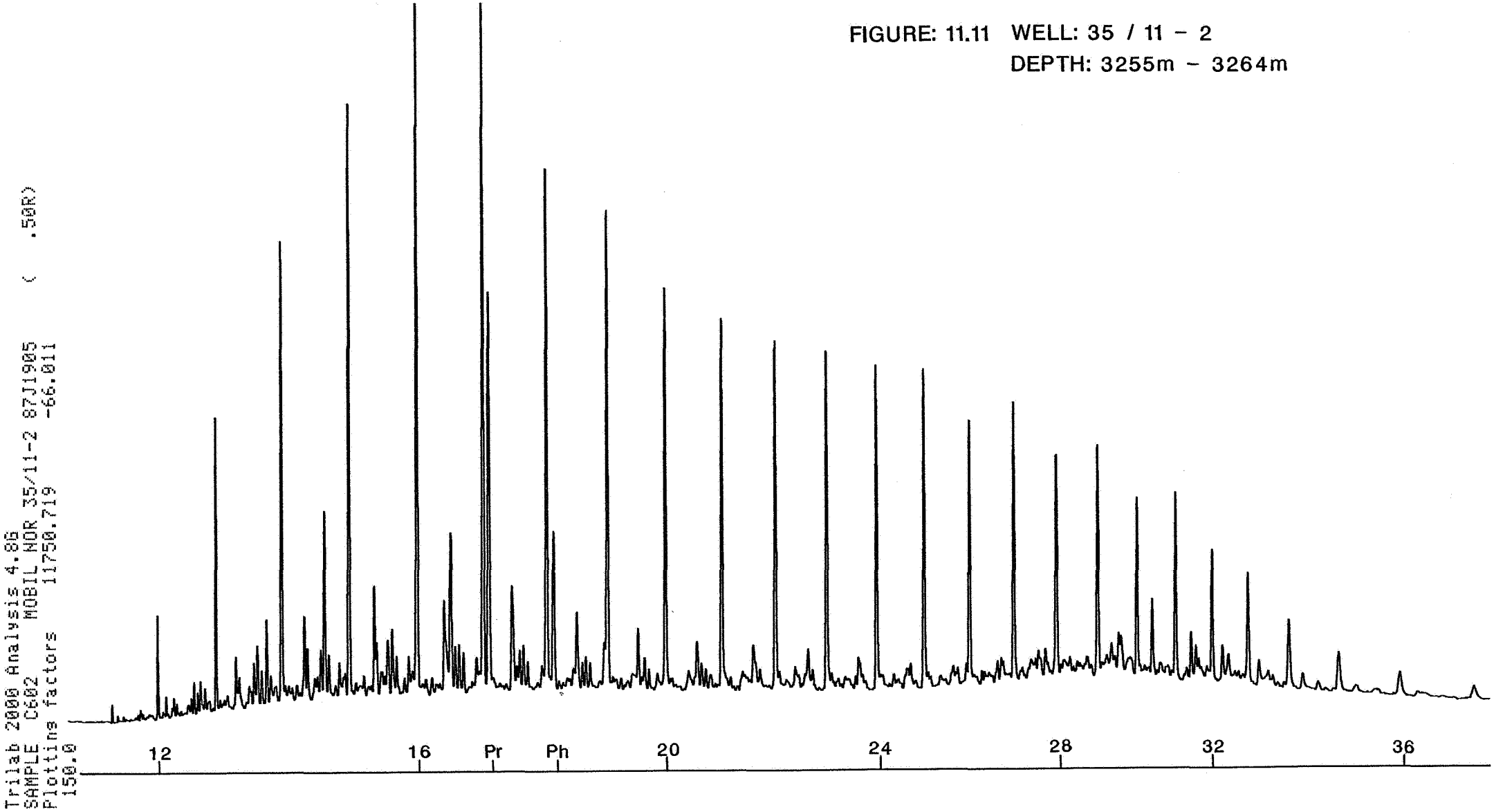


Trilab 2000 Analysis 4.8G
SAMPLE C600 MOBIL NOR 35/11-2 87J1903 (.50R)
Method : C SATS AI

Table No.10 C SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
865.5		31.742	166.922	166.922	4.185	NC	14
1091.5		44.769	247.336	247.336	6.201	NC	15
1318.0		51.285	288.197	288.197	7.226	NC	16
1539.0		56.931	331.636	331.636	8.315	NC	17
1558.0		34.076	250.777	250.777	6.288	PR	
1752.0		44.476	273.415	273.415	6.855	NC	18
1774.5		14.450	113.789	113.788	2.853	PH	
1956.5		42.082	250.561	250.561	6.282	NC	19
2152.5		36.145	224.450	224.450	5.628	NC	20
2340.5		32.870	190.573	190.573	4.778	NC	21
2520.5		30.980	189.827	189.827	4.760	NC	22
2693.0		29.483	183.447	183.447	4.600	NC	23
2859.0		27.787	162.381	162.381	4.071	NC	24
3018.0		26.867	176.522	176.522	4.426	NC	25
3170.5		23.412	140.085	140.085	3.512	NC	26
3317.5		23.999	149.251	149.251	3.742	NC	27
3459.0		21.691	124.713	124.713	3.127	NC	28
3596.5		20.901	128.003	128.003	3.209	NC	29
3728.5		14.218	92.483	92.483	2.319	NC	30
3857.0		14.158	87.728	87.728	2.200	NC	31
3980.5		10.361	67.977	67.977	1.704	NC	32
4102.0		7.951	59.424	59.424	1.490	NC	33
4239.5		5.594	51.244	51.244	1.285	NC	34
4406.5		3.351	37.612	37.612	.943	NC	35
				3988.353			

FIGURE: 11.11 WELL: 35 / 11 - 2
DEPTH: 3255m - 3264m

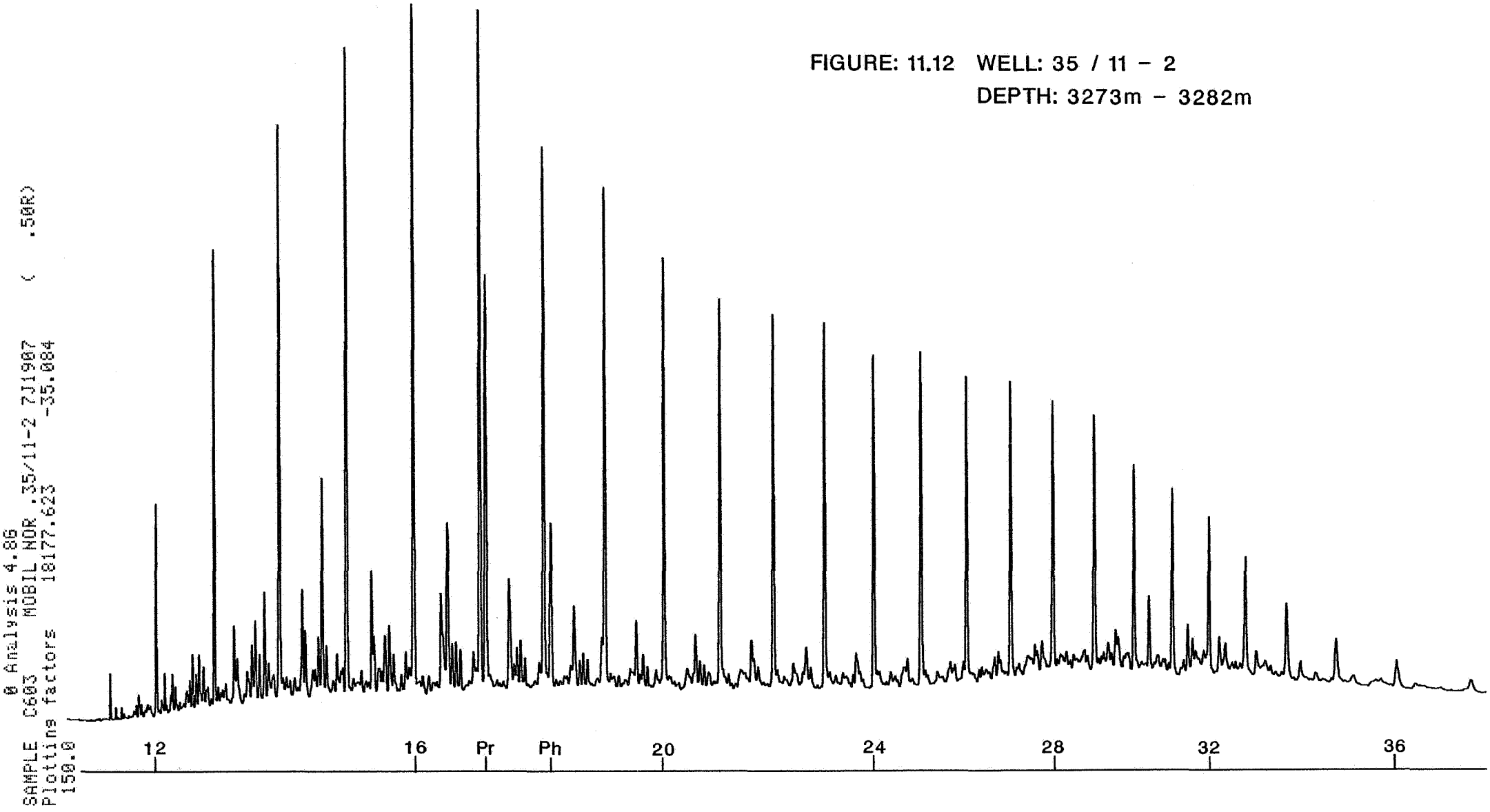


Trilab 2000 Analysis 4.8G
SAMPLE C602 MOBIL NOR 35/11-2 87J1905 (.50R)
Method : C SATS AI

Table No.10 C SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
867.0		48.909	258.621	258.621	5.016	NC	14
1093.5		62.992	356.618	356.618	6.917	NC	15
1320.0		72.471	396.313	396.313	7.687	NC	16
1541.0		72.634	437.007	437.007	8.476	NC	17
1559.5		41.582	306.833	306.833	5.951	PR	
1754.0		55.055	340.400	340.400	6.602	NC	18
1776.0		16.646	134.931	134.931	2.617	PH	
1958.5		50.972	323.196	323.196	6.269	NC	19
2154.5		42.153	271.050	271.050	5.257	NC	20
2342.0		39.163	251.115	251.115	4.871	NC	21
2522.0		36.866	234.182	234.182	4.542	NC	22
2694.5		35.880	231.393	231.393	4.488	NC	23
2860.0		34.341	207.582	207.582	4.026	NC	24
3019.5		33.974	212.963	212.963	4.131	NC	25
3172.5		27.820	184.506	184.506	3.579	NC	26
3320.0		29.367	184.632	184.632	3.581	NC	27
3462.0		22.708	155.138	155.138	3.009	NC	28
3599.5		24.145	157.168	157.168	3.048	NC	29
3731.0		18.601	117.717	117.717	2.283	NC	30
3859.5		19.348	113.644	113.644	2.204	NC	31
3982.5		13.247	85.531	85.531	1.659	NC	32
4103.5		11.480	81.621	81.621	1.583	NC	33
4242.5		7.112	68.146	68.146	1.322	NC	34
4409.5		3.974	45.392	45.392	.880	NC	35
				5155.694			

FIGURE: 11.12 WELL: 35 / 11 - 2
DEPTH: 3273m - 3282m

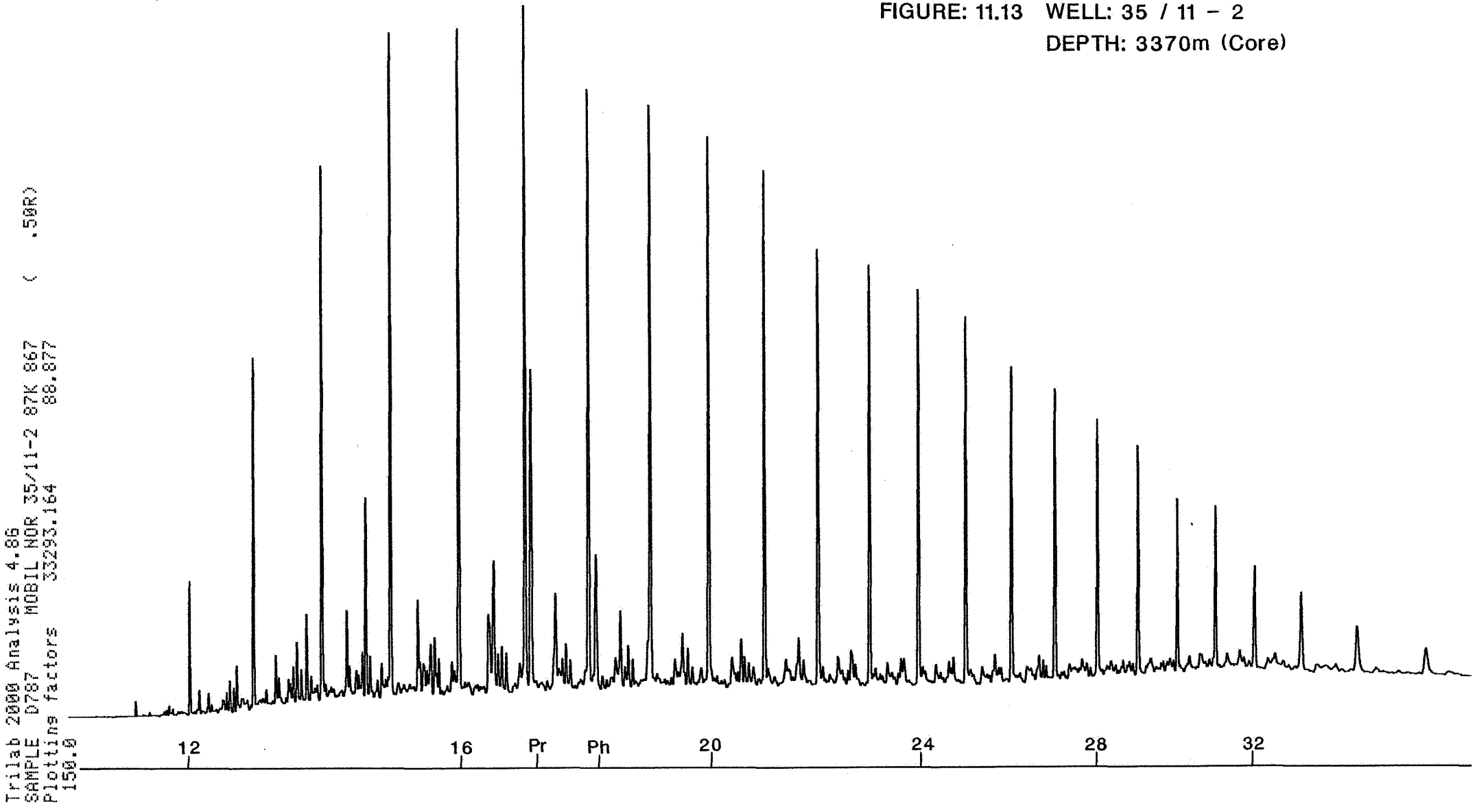


Trilab 2000 Analysis 4.80
SAMPLE C603 MOBIL NOR .35/11-2 7J1907 (.50R)
Method : C SATS AI

Table No.10 C SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
866.0		39.013	199.097	199.097	5.718	NC	14
1092.0		44.478	247.946	247.946	7.121	NC	15
1318.0		47.061	268.416	268.416	7.709	NC	16
1539.5		46.091	271.991	271.991	7.812	NC	17
1558.5		27.892	199.726	199.726	5.736	PR	
1752.5		37.236	227.568	227.568	6.536	NC	18
1775.5		11.222	90.906	90.906	2.611	PH	
1957.5		34.520	211.640	211.640	6.078	NC	19
2154.0		29.115	176.354	176.354	5.065	NC	20
2341.5		26.604	170.758	170.758	4.904	NC	21
2521.5		25.118	146.409	146.409	4.205	NC	22
2694.0		24.855	149.784	149.784	4.302	NC	23
2860.0		22.430	134.511	134.511	3.863	NC	24
3019.0		23.027	153.221	153.221	4.401	NC	25
3172.5		20.453	116.170	116.170	3.336	NC	26
3320.5		20.243	127.561	127.561	3.664	NC	27
3463.0		18.183	112.402	112.402	3.228	NC	28
3600.0		17.418	111.884	111.884	3.213	NC	29
3732.5		14.025	81.525	81.525	2.341	NC	30
3860.5		12.578	79.307	79.307	2.278	NC	31
3984.5		10.735	69.342	69.342	1.991	NC	32
4105.5		7.880	61.929	61.929	1.779	NC	33
4243.5		4.816	41.063	41.063	1.179	NC	34
4411.0		2.943	32.385	32.385	.930	NC	35
				3481.894			

FIGURE: 11.13 WELL: 35 / 11 - 2
DEPTH: 3370m (Core)

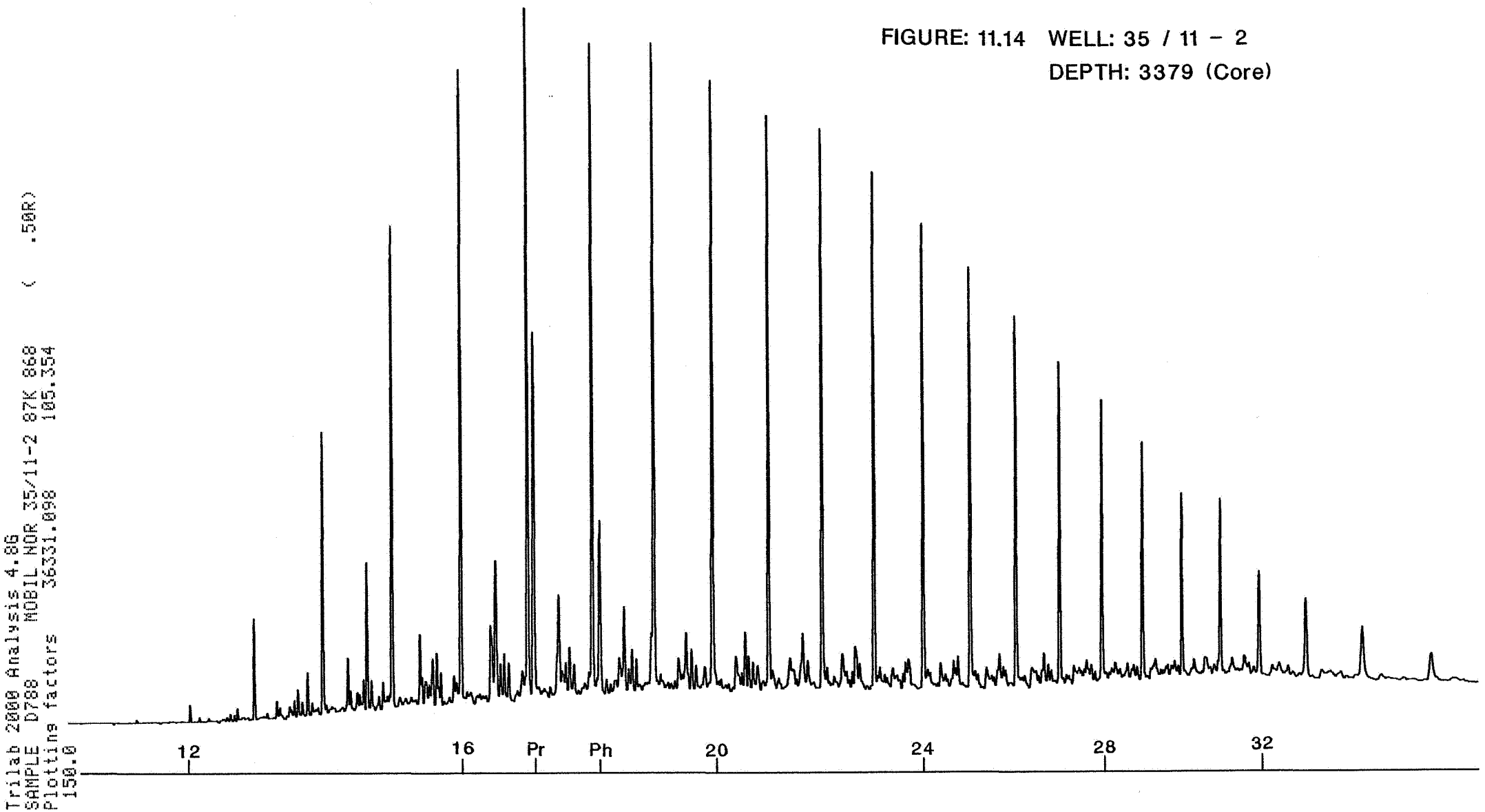


Trilab 2000 Analysis 4.8G
SAMPLE D787 MOBIL NOR 35/11-2 87K 867 (.50R)
Method : D SATS AI

Table No. 9 D SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
1005.0		20.244	95.460	95.460	5.308	NC	14
1239.0		25.196	122.274	122.274	6.799	NC	15
1470.5		25.057	133.222	133.222	7.408	NC	16
1695.0		25.832	137.693	137.693	7.657	NC	17
1714.5		11.934	85.750	85.750	4.768	PR	
1911.0		22.650	127.264	127.264	7.077	NC	18
1935.0		5.066	41.281	41.281	2.296	PH	
2117.5		21.823	127.611	127.611	7.096	NC	19
2315.0		20.809	114.614	114.614	6.373	NC	20
2504.5		19.304	96.454	96.454	5.364	NC	21
2685.5		16.457	93.897	93.897	5.221	NC	22
2859.0		15.860	87.437	87.437	4.862	NC	23
3025.0		14.898	80.834	80.834	4.495	NC	24
3185.0		13.771	74.591	74.591	4.148	NC	25
3339.0		11.971	70.018	70.018	3.894	NC	26
3487.0		11.000	60.373	60.373	3.357	NC	27
3630.0		9.655	50.072	50.072	2.784	NC	28
3767.5		8.642	47.711	47.711	2.653	NC	29
3901.5		6.519	39.290	39.290	2.185	NC	30
4030.0		6.105	33.452	33.452	1.860	NC	31
4161.5		3.824	24.406	24.406	1.357	NC	32
4318.5		2.909	24.178	24.178	1.344	NC	33
4508.0		1.701	19.783	19.783	1.100	NC	34
4741.0		.847	10.653	10.653	.592	NC	35
				1798.317			

FIGURE: 11.14 WELL: 35 / 11 - 2
DEPTH: 3379 (Core)



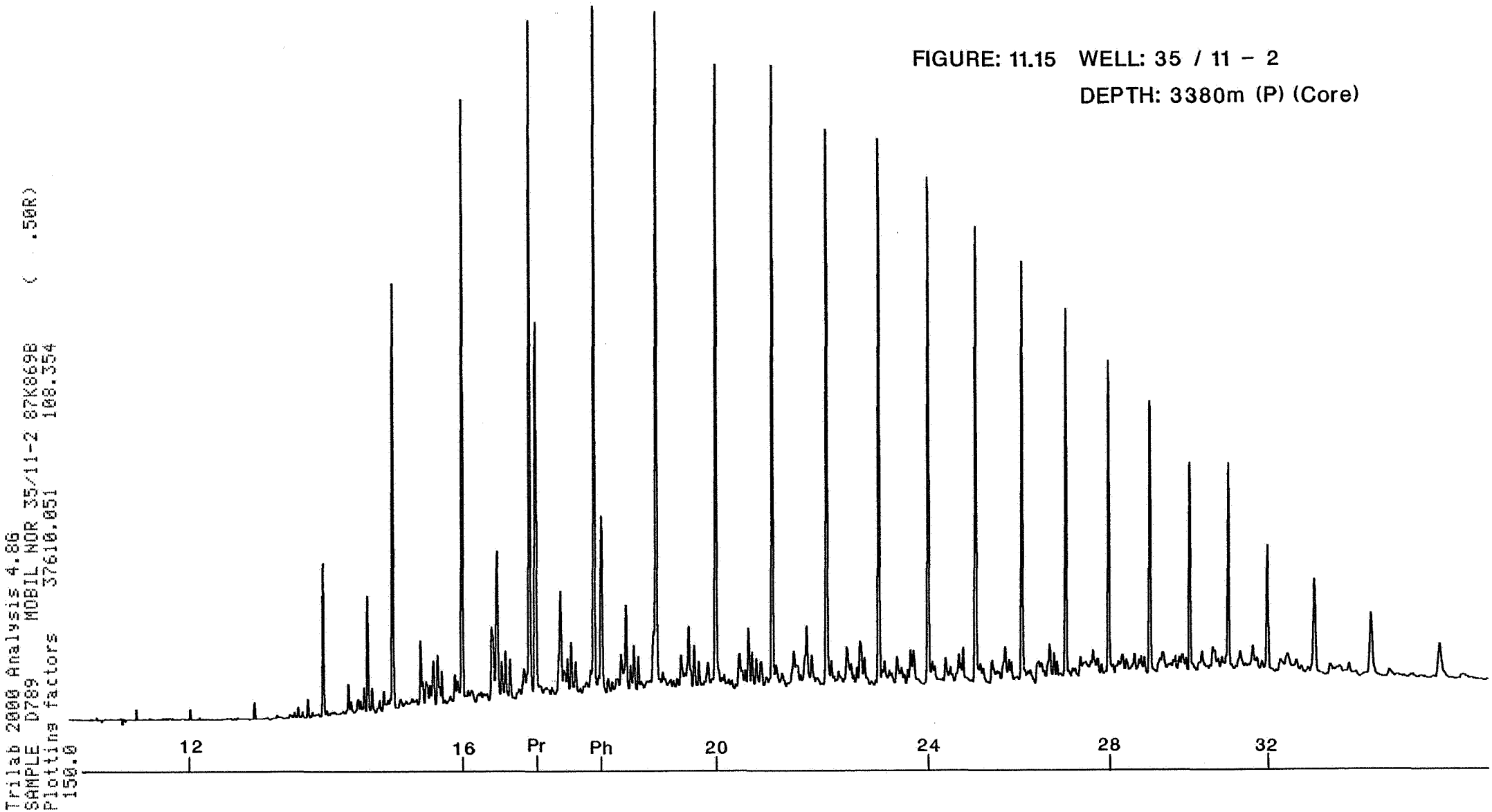
Trilab 2000 Analysis 4.8G
SAMPLE D788 MOBIL NOR 35/11-2 87K 868 (.50R)
Method : D SATS AI

Table No. 9 D SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
1006.5		9.717	45.744	45.744	2.687	NC	14
1240.5		16.456	80.298	80.298	4.717	NC	15
1472.0		21.821	106.595	106.595	6.261	NC	16
1697.0		23.746	123.913	123.913	7.278	NC	17
1716.5		12.458	87.932	87.932	5.165	PR	
1912.5		22.252	119.390	119.390	7.013	NC	18
1937.5		5.862	42.253	42.253	2.482	PH	
2119.5		22.134	130.091	130.091	7.641	NC	19
2318.0		20.892	117.026	117.026	6.874	NC	20
2507.0		19.564	103.616	103.616	6.086	NC	21
2688.0		19.300	101.949	101.949	5.988	NC	22
2862.0		17.771	93.749	93.749	5.507	NC	23
3028.5		15.894	85.387	85.387	5.016	NC	24
3188.0		14.522	85.245	85.245	5.007	NC	25
3342.0		12.724	69.723	69.723	4.095	NC	26
3490.0		11.131	63.062	63.062	3.704	NC	27
3633.0		9.667	51.988	51.988	3.054	NC	28
3770.5		8.177	46.858	46.858	2.752	NC	29
3903.0		6.268	35.588	35.588	2.090	NC	30
4031.5		6.011	33.146	33.146	1.947	NC	31
4163.0		3.557	24.116	24.116	1.417	NC	32
4319.0		2.644	22.128	22.128	1.300	NC	33
4509.5		1.750	20.158	20.158	1.184	NC	34
4742.0		.893	12.508	12.508	.735	NC	35
				1702.462			

FIGURE: 11.15 WELL: 35 / 11 - 2

DEPTH: 3380m (P) (Core)

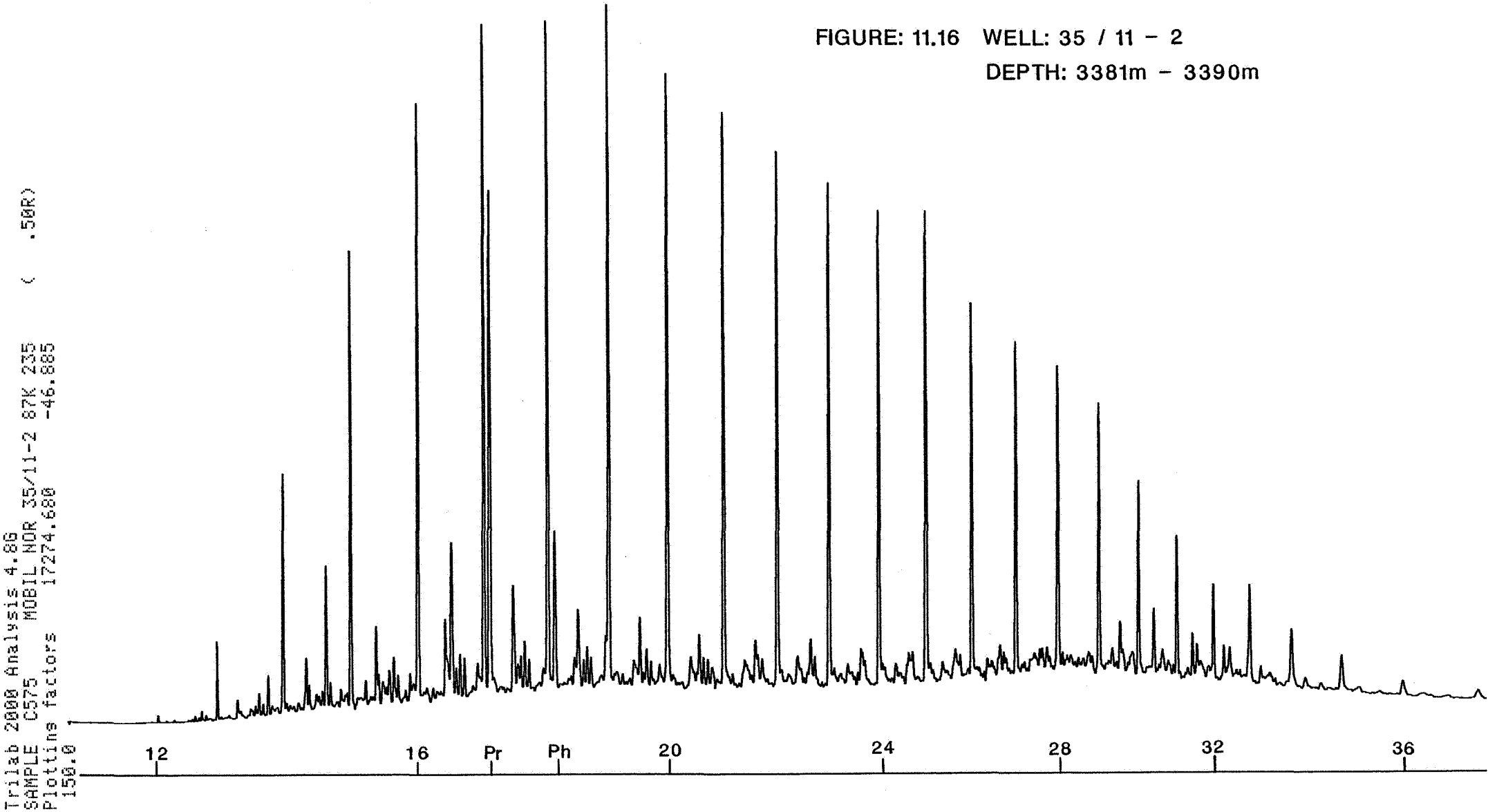


Trilab 2000 Analysis 4.8G
SAMPLE D789 MOBIL NOR 35/11-2 87K869B (.50R)
Method : D SATS AI

Table No. 9 D SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
1004.5		5.066	23.957	23.957	1.401	NC	14
1238.5		14.142	73.621	73.621	4.305	NC	15
1470.0		20.019	105.307	105.307	6.158	NC	16
1695.5		22.361	122.767	122.767	7.179	NC	17
1715.0		12.236	85.543	85.543	5.002	PR	
1911.5		22.601	118.132	118.132	6.908	NC	18
1936.0		5.713	41.703	41.703	2.439	PH	
2119.5		22.294	130.554	130.554	7.634	NC	19
2318.5		20.497	116.527	116.527	6.814	NC	20
2508.0		20.491	106.041	106.041	6.201	NC	21
2689.5		18.460	103.035	103.035	6.025	NC	22
2863.5		18.049	94.407	94.407	5.520	NC	23
3030.0		16.813	89.386	89.386	5.227	NC	24
3190.0		15.143	87.531	87.531	5.118	NC	25
3343.5		13.797	72.535	72.535	4.241	NC	26
3491.5		12.202	64.937	64.937	3.797	NC	27
3634.0		10.300	53.496	53.496	3.128	NC	28
3772.0		9.054	52.521	52.521	3.071	NC	29
3904.5		6.886	40.807	40.807	2.386	NC	30
4033.5		6.752	35.776	35.776	2.092	NC	31
4164.5		4.142	28.138	28.138	1.645	NC	32
4321.0		3.066	26.598	26.598	1.555	NC	33
4511.0		1.998	21.235	21.235	1.242	NC	34
4742.0		1.110	15.614	15.614	.913	NC	35
				1710.167			

FIGURE: 11.16 WELL: 35 / 11 - 2
DEPTH: 3381m - 3390m

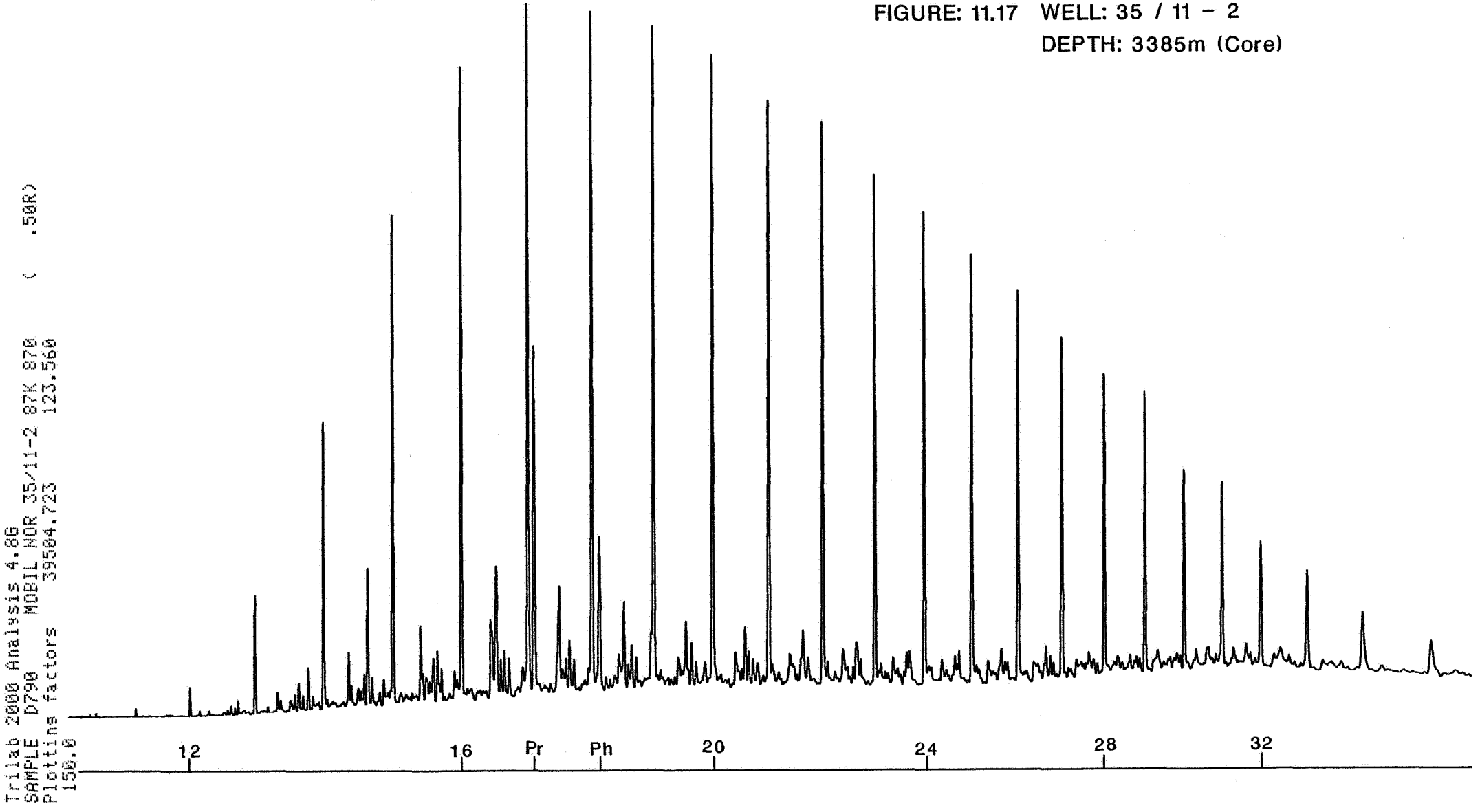


Trilab 2000 Analysis 4.86
SAMPLE C575 MOBIL NOR 35/11-2 87K 235 (.50R)
Method : C SATS AI

Table No.10 C SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
871.0		17.277	90.107	90.107	2.332	NC	14
1097.5		33.123	177.062	177.062	4.583	NC	15
1324.5		42.783	229.219	229.219	5.933	NC	16
1547.0		48.169	282.386	282.385	7.309	NC	17
1566.5		35.738	260.069	260.069	6.731	PR	
1760.5		47.657	269.146	269.146	6.966	NC	18
1783.0		11.016	81.565	81.565	2.111	PH	
1966.0		49.172	290.663	290.663	7.523	NC	19
2163.0		43.817	258.192	258.192	6.683	NC	20
2351.0		41.358	247.880	247.880	6.416	NC	21
2532.0		38.378	228.385	228.385	5.911	NC	22
2704.5		36.351	218.903	218.903	5.666	NC	23
2870.5		33.949	197.343	197.343	5.108	NC	24
3030.0		33.465	220.126	220.126	5.697	NC	25
3183.0		26.740	157.041	157.041	4.065	NC	26
3331.0		23.824	142.519	142.519	3.689	NC	27
3473.0		21.395	129.489	129.489	3.352	NC	28
3610.0		19.390	110.541	110.541	2.861	NC	29
3743.0		13.972	80.451	80.451	2.082	NC	30
3871.0		9.962	59.662	59.662	1.544	NC	31
3995.0		6.744	41.769	41.769	1.081	NC	32
4116.0		6.797	50.975	50.975	1.319	NC	33
4255.5		3.304	24.612	24.612	.637	NC	34
4425.0		1.944	15.478	15.478	.401	NC	35
				3863.581			

FIGURE: 11.17 WELL: 35 / 11 - 2
DEPTH: 3385m (Core)

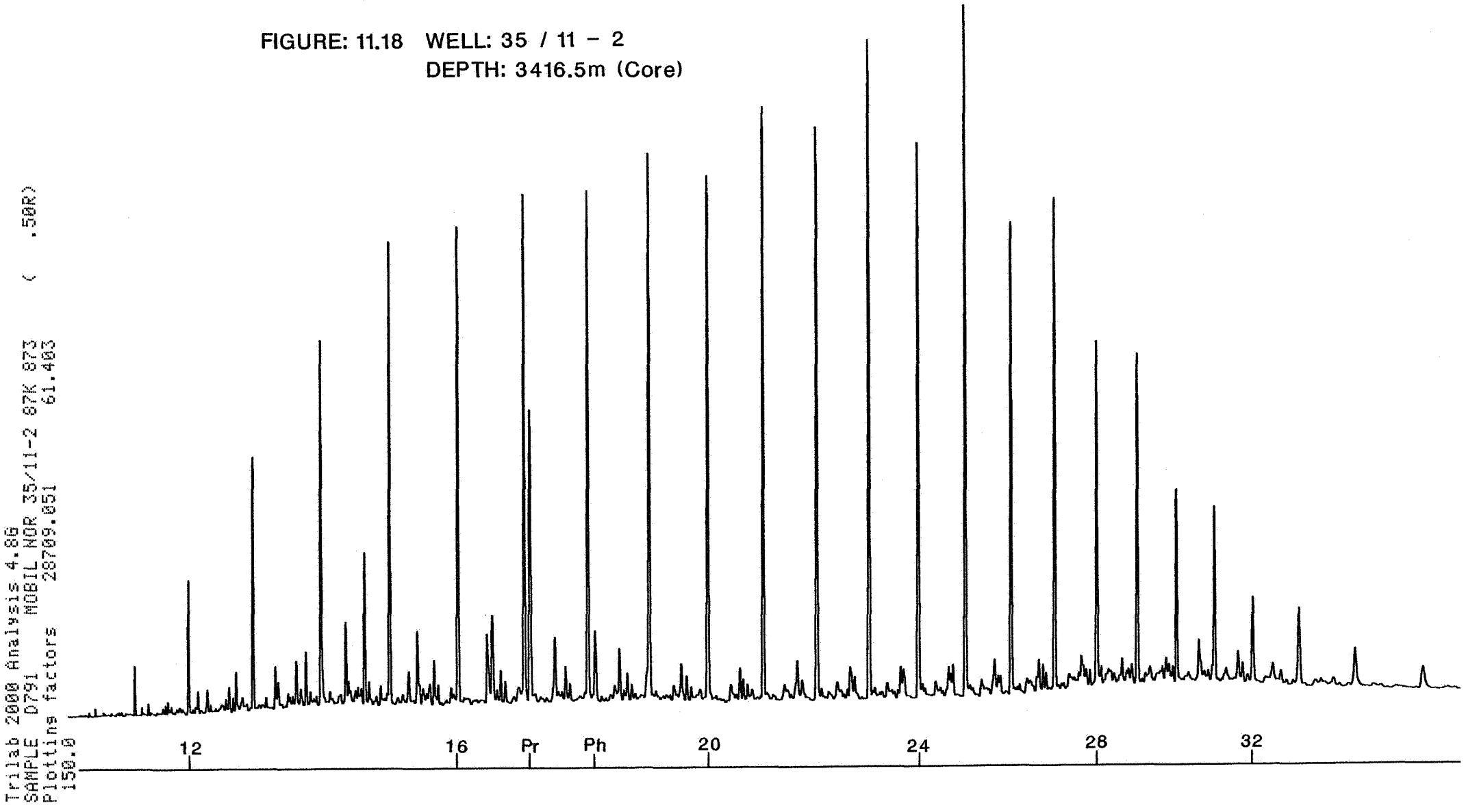


Trilab 2000 Analysis 4.8G
SAMPLE D790 MOBIL NOR 35/11-2 87K 870 (.50R)
Method : D SATS AI

Table No. 9 D SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
1007.5		9.077	42.909	42.909	2.638	NC	14
1242.0		15.316	73.050	73.050	4.492	NC	15
1474.5		20.064	100.868	100.868	6.202	NC	16
1700.0		21.852	120.028	120.028	7.380	NC	17
1719.0		10.886	78.485	78.485	4.826	PR	
1916.0		21.522	118.086	118.086	7.261	NC	18
1940.0		4.856	40.919	40.919	2.516	PH	
2123.0		20.808	124.206	124.206	7.637	NC	19
2321.0		19.892	110.109	110.109	6.770	NC	20
2510.5		18.314	96.520	96.520	5.935	NC	21
2692.5		17.855	95.332	95.332	5.862	NC	22
2866.0		16.158	88.864	88.864	5.464	NC	23
3033.0		14.755	78.846	78.846	4.848	NC	24
3194.0		13.665	81.954	81.954	5.039	NC	25
3348.5		12.369	68.170	68.170	4.192	NC	26
3496.5		10.791	60.223	60.223	3.703	NC	27
3639.5		9.412	50.006	50.006	3.075	NC	28
3777.5		8.921	47.822	47.822	2.940	NC	29
3910.5		6.240	35.320	35.320	2.172	NC	30
4040.0		5.809	33.386	33.386	2.053	NC	31
4171.0		3.906	25.019	25.019	1.538	NC	32
4327.0		2.960	21.868	21.868	1.345	NC	33
4516.5		1.740	18.449	18.449	1.134	NC	34
4748.0		1.045	15.906	15.906	.978	NC	35
				1626.340			

FIGURE: 11.18 WELL: 35 / 11 - 2
DEPTH: 3416.5m (Core)

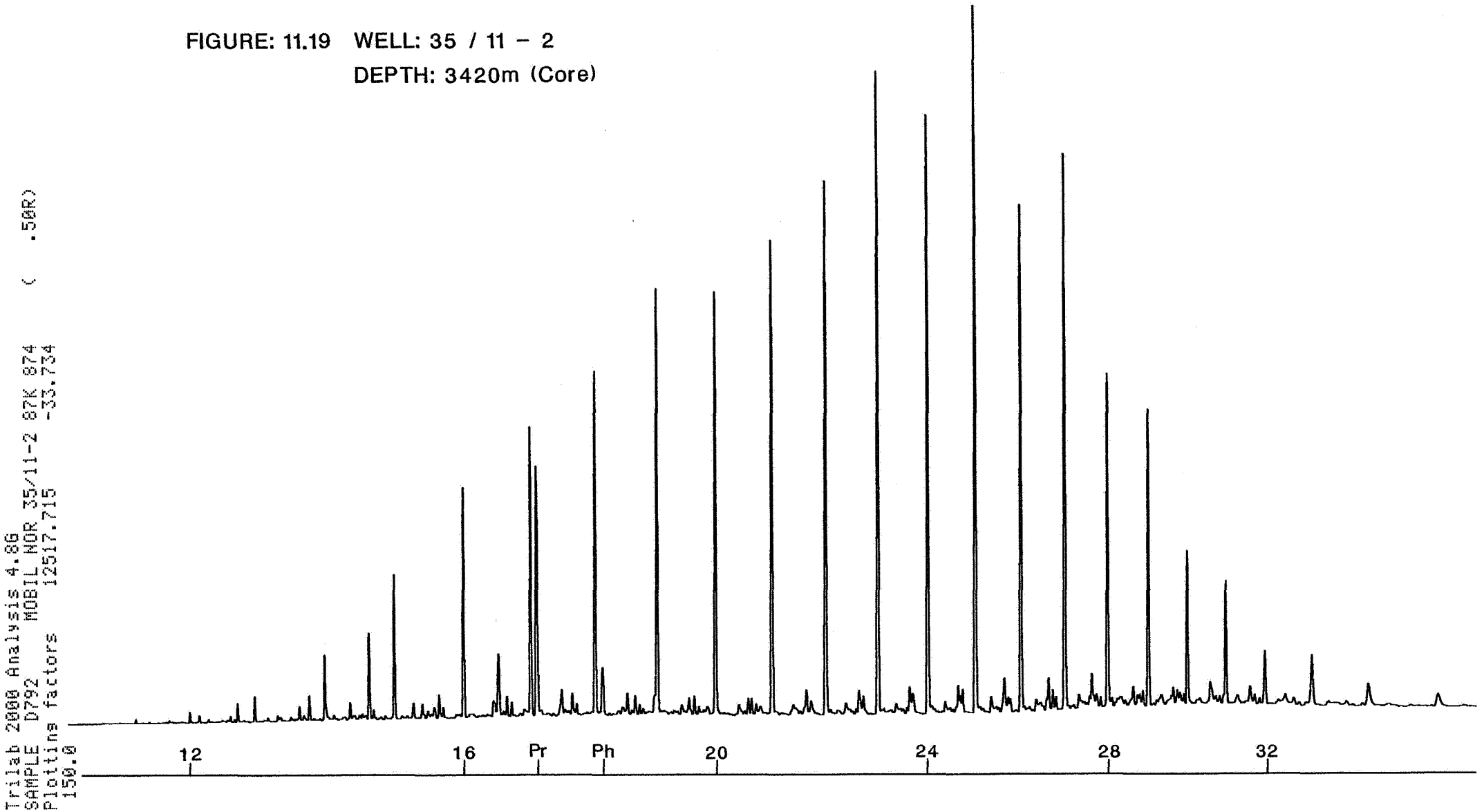


Trilab 2000 Analysis 4.8G
SAMPLE D791 MOBIL NOR 35/11-2 87K 873 (.50R)
Method : D SATS AI

Table No. 9 D SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
1005.5		15.992	82.802	82.802	3.804	NC	14
1239.5		20.246	96.031	96.031	4.412	NC	15
1471.5		20.930	104.889	104.889	4.819	NC	16
1696.5		22.276	114.304	114.304	5.252	NC	17
1716.5		12.698	89.378	89.378	4.106	PR	
1912.5		22.207	113.564	113.564	5.218	NC	18
1937.0		2.883	20.067	20.067	.922	PH	
2120.0		24.004	135.951	135.951	6.246	NC	19
2318.0		23.032	127.723	127.723	5.868	NC	20
2507.5		25.961	136.403	136.403	6.267	NC	21
2688.5		25.189	138.917	138.917	6.383	NC	22
2863.0		28.937	155.113	155.113	7.127	NC	23
3029.0		24.256	138.216	138.216	6.350	NC	24
3189.5		30.346	155.618	155.618	7.150	NC	25
3343.0		20.708	114.521	114.521	5.262	NC	26
3491.5		21.618	116.805	116.805	5.367	NC	27
3633.0		14.929	79.406	79.406	3.648	NC	28
3771.0		14.516	80.340	80.340	3.691	NC	29
3904.0		8.442	50.284	50.284	2.310	NC	30
4033.0		7.607	46.874	46.874	2.154	NC	31
4163.5		3.709	26.133	26.133	1.201	NC	32
4320.0		3.238	26.101	26.101	1.199	NC	33
4509.5		1.607	16.732	16.732	.769	NC	34
4741.0		.859	10.335	10.335	.475	NC	35
				2176.505			

FIGURE: 11.19 WELL: 35 / 11 – 2
DEPTH: 3420m (Core)

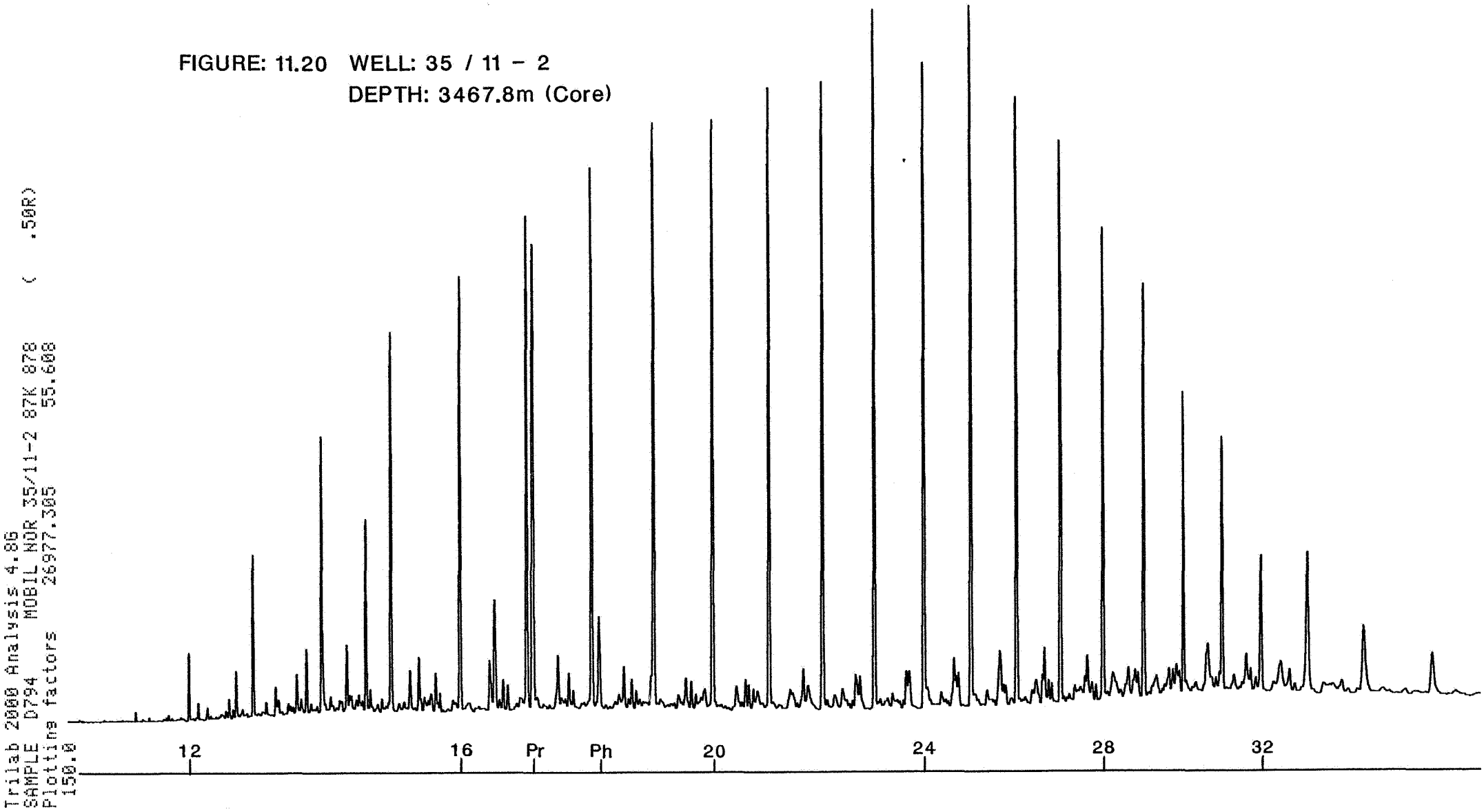


Trilab 2000 Analysis 4.8G
SAMPLE D792 MOBIL NOR 35/11-2 87K 874 (.50R)
Method : D SATS AI

Table No. 9 D SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
1007.5		6.578	35.126	35.126	.860	NC	14
1242.5		14.419	70.832	70.832	1.735	NC	15
1475.0		22.945	111.315	111.315	2.726	NC	16
1700.5		28.935	152.309	152.309	3.730	NC	17
1720.0		24.783	172.133	172.133	4.216	PR	
1916.5		34.371	183.370	183.370	4.491	NC	18
1940.0		4.754	37.574	37.574	.920	PH	
2123.0		42.566	223.926	223.926	5.484	NC	19
2321.0		42.406	232.744	232.744	5.700	NC	20
2511.0		47.350	261.934	261.934	6.415	NC	21
2692.5		53.441	293.731	293.731	7.194	NC	22
2866.5		64.430	345.367	345.367	8.459	NC	23
3033.0		59.963	333.801	333.801	8.175	NC	24
3193.5		70.962	411.123	411.122	10.069	NC	25
3346.5		50.709	287.326	287.326	7.037	NC	26
3495.0		55.642	308.580	308.580	7.558	NC	27
3636.5		33.379	179.355	179.355	4.393	NC	28
3774.0		29.630	159.928	159.928	3.917	NC	29
3906.5		15.313	83.824	83.824	2.053	NC	30
4035.0		12.255	71.744	71.744	1.757	NC	31
4167.0		5.366	36.335	36.335	.890	NC	32
4325.0		4.997	41.111	41.111	1.007	NC	33
4515.0		2.321	29.521	29.521	.723	NC	34
4749.5		1.305	20.026	20.026	.490	NC	35
				4083.030			

FIGURE: 11.20 WELL: 35 / 11 - 2
DEPTH: 3467.8m (Core)

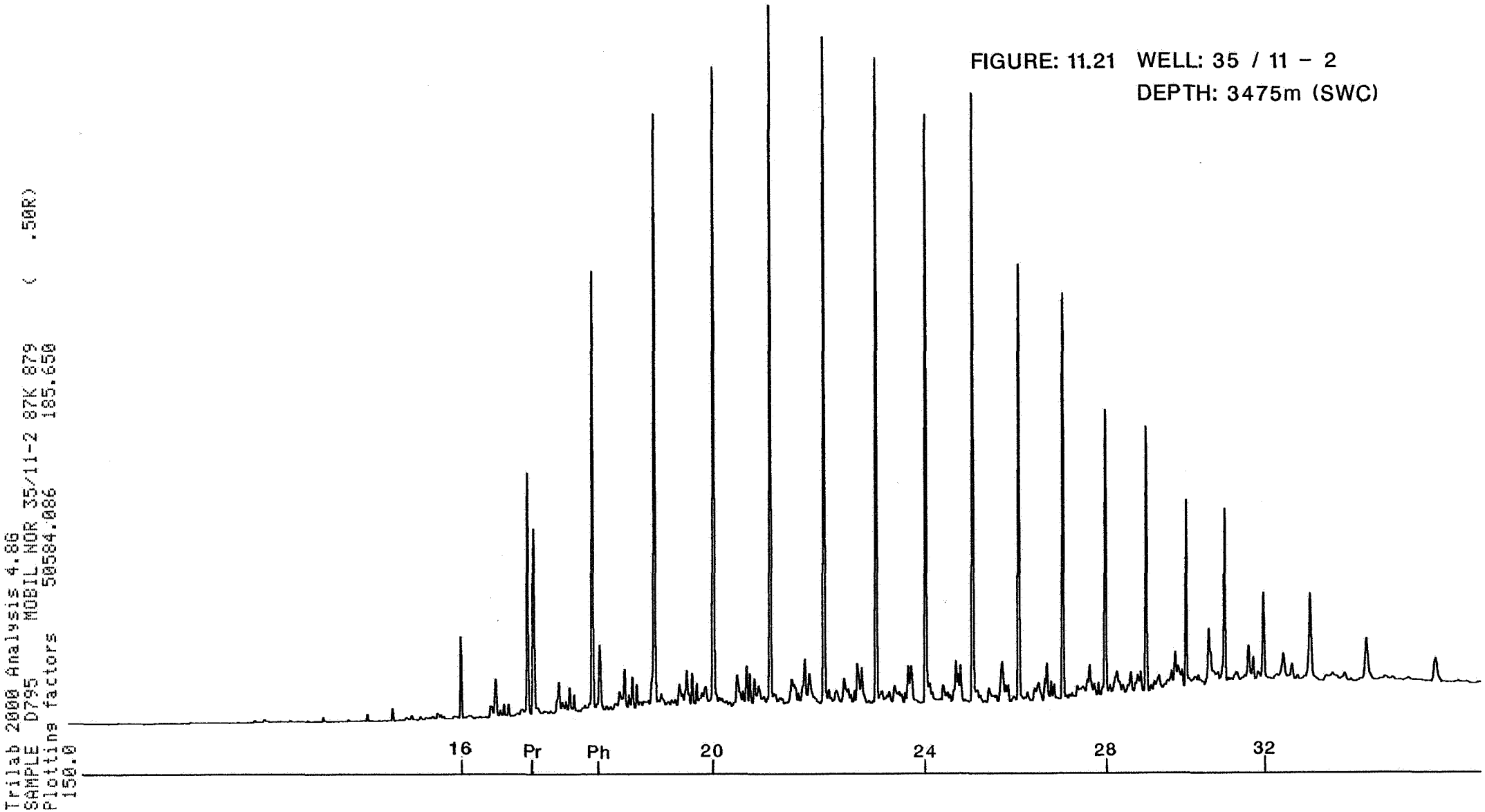


Trilab 2000 Analysis 4.8G
SAMPLE C598 MOBIL NOR 35/11-2 87J1878 (.50R)
Method : C SATS AI

Table No.10 C SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
868.0		32.311	173.814	173.814	5.022	NC	14
1094.5		38.898	221.089	221.089	6.388	NC	15
1320.0		40.981	232.222	232.222	6.709	NC	16
1541.0		43.665	255.646	255.646	7.386	NC	17
1560.5		40.484	297.958	297.958	8.609	PR	
1753.5		35.543	210.347	210.347	6.077	NC	18
1777.0		31.720	235.077	235.077	6.792	PH	
1958.0		34.230	210.954	210.954	6.095	NC	19
2153.5		30.931	198.317	198.317	5.730	NC	20
2341.5		27.169	159.406	159.406	4.605	NC	21
2521.0		25.469	159.556	159.556	4.610	NC	22
2693.0		23.983	141.670	141.670	4.093	NC	23
2858.5		22.559	130.990	130.990	3.785	NC	24
3017.5		19.977	127.759	127.759	3.691	NC	25
3170.5		18.605	117.772	117.772	3.403	NC	26
3318.0		14.910	99.324	99.324	2.870	NC	27
3460.0		13.690	85.489	85.489	2.470	NC	28
3597.0		12.663	72.451	72.451	2.093	NC	29
3730.0		10.056	66.790	66.790	1.930	NC	30
3858.0		10.121	63.913	63.913	1.847	NC	31
3981.0		7.611	50.359	50.359	1.455	NC	32
4102.5		6.222	39.624	39.624	1.145	NC	33
4240.0		4.750	53.837	53.837	1.555	NC	34
4408.5		4.079	56.846	56.846	1.642	NC	35
				3461.207			

FIGURE: 11.21 WELL: 35 / 11 - 2
DEPTH: 3475m (SWC)

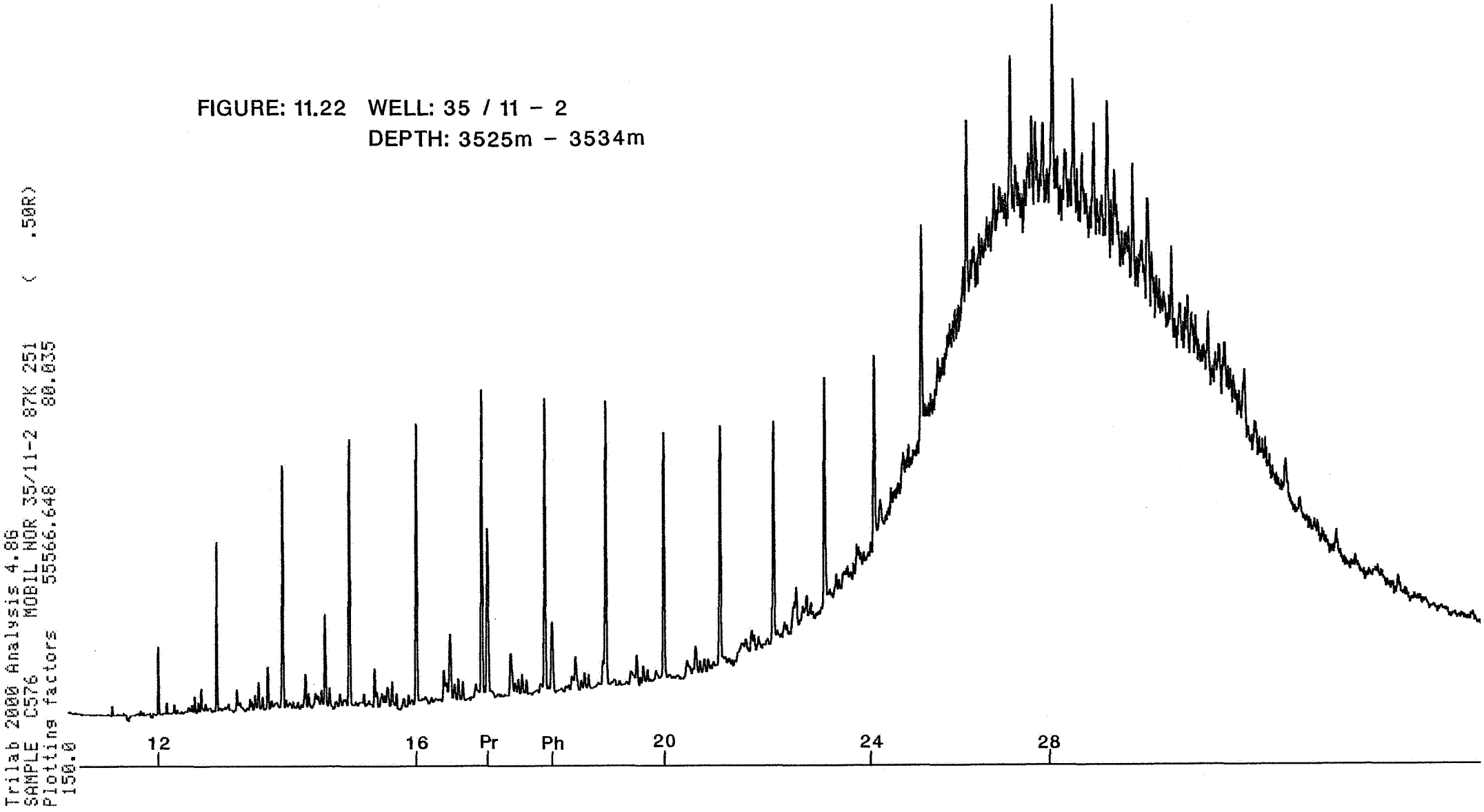


Trilab 2000 Analysis 4.8G
SAMPLE D795 MOBIL NOR 35/11-2 87K 879 (.50R)
Method : D SATS AI

Table No. 9 . D SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
NC 14	NOT FOUND					
1237.5		.294	1.378	1.378	.135	NC 15
1468.5		1.993	9.942	9.942	.977	NC 16
1693.5		5.900	31.322	31.322	3.078	NC 17
1713.5		4.552	32.787	32.787	3.222	PR
1910.0		10.783	55.184	55.184	5.423	NC 18
1934.5		1.569	12.661	12.661	1.244	PH
2117.5		14.569	80.880	80.880	7.948	NC 19
2315.5		15.673	85.840	85.840	8.436	NC 20
2505.5		17.145	88.253	88.253	8.673	NC 21
2686.0		16.414	87.163	87.163	8.566	NC 22
2860.0		15.903	86.031	86.031	8.454	NC 23
3027.0		14.445	77.795	77.795	7.645	NC 24
3186.0		14.988	79.651	79.651	7.827	NC 25
3340.0		10.787	60.222	60.222	5.918	NC 26
3487.5		10.023	53.956	53.956	5.302	NC 27
3630.5		6.982	40.300	40.300	3.960	NC 28
3767.5		6.547	35.567	35.567	3.495	NC 29
3901.5		4.523	25.435	25.435	2.500	NC 30
4030.0		4.224	22.956	22.956	2.256	NC 31
4161.5		2.089	13.960	13.960	1.372	NC 32
4317.0		2.079	19.441	19.441	1.910	NC 33
4507.5		.969	11.155	11.155	1.096	NC 34
4739.5		.497	5.720	5.720	.562	NC 35
				1017.599		

FIGURE: 11.22 WELL: 35 / 11 - 2
DEPTH: 3525m - 3534m

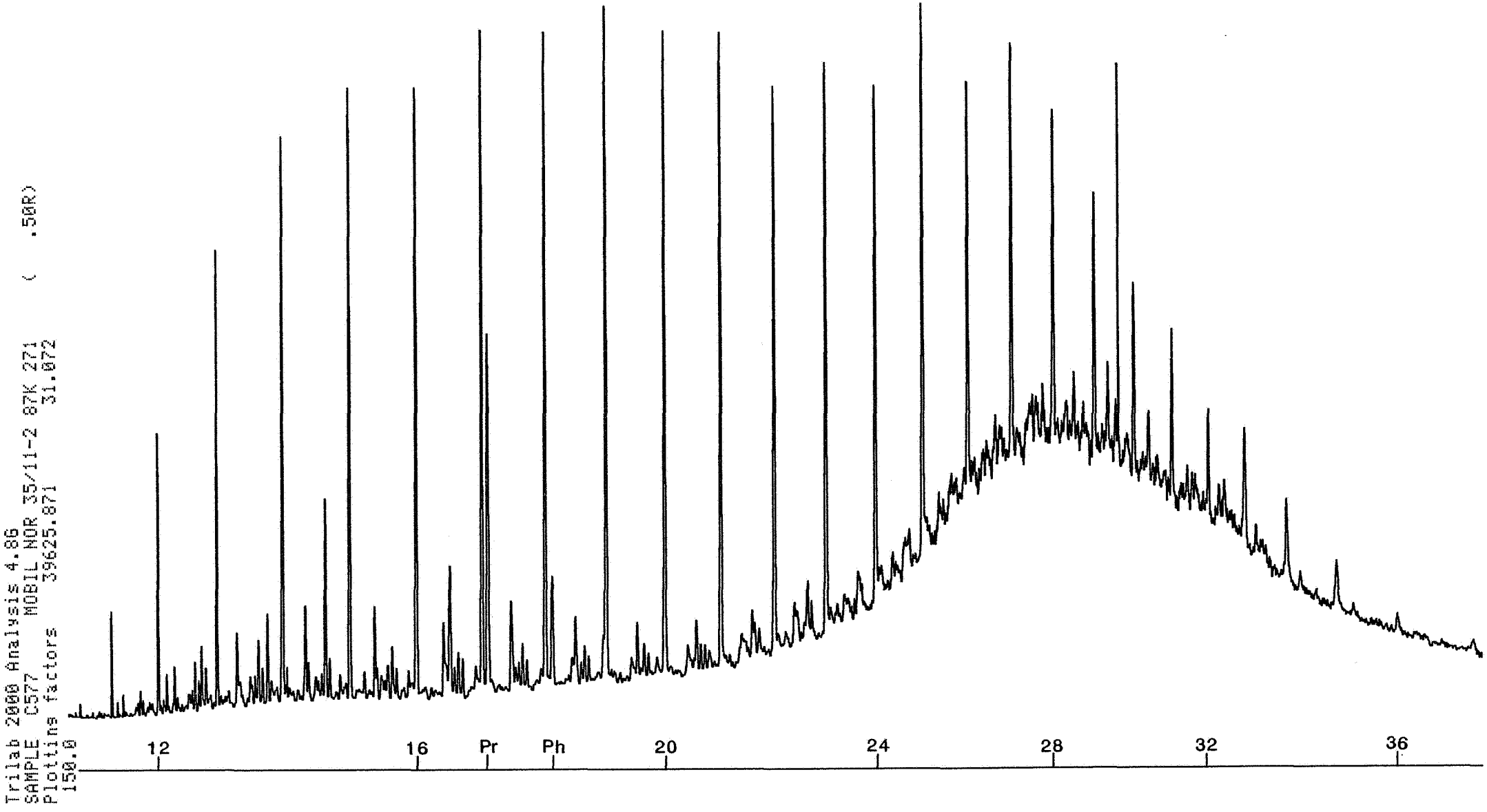


Trilab 2000 Analysis 4.8G
SAMPLE C576 MOBIL NOR 35/11-2 87K 251 (.50R)
Method : C SATS AI

Table No.10 C SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC		PEAK NAME
868.0		5.474	27.204	27.204	4.673	NC	14
1094.0		6.019	32.349	32.349	5.557	NC	15
1319.5		6.323	33.801	33.801	5.806	NC	16
1540.5		6.893	37.975	37.975	6.523	NC	17
1559.0		3.697	26.478	26.478	4.548	PR	
1753.5		6.526	35.174	35.174	6.042	NC	18
1777.0		1.541	11.749	11.749	2.018	PH	
1958.0		6.399	36.460	36.460	6.263	NC	19
2154.5		5.559	35.145	35.145	6.037	NC	20
2342.5		5.369	32.070	32.070	5.509	NC	21
2522.0		4.933	29.428	29.428	5.055	NC	22
2695.0		5.180	34.070	34.070	5.852	NC	23
2861.0		4.334	29.031	29.031	4.987	NC	24
3020.5		4.766	29.675	29.675	5.097	NC	25
3174.0		4.196	25.767	25.767	4.426	NC	26
3322.0		3.685	24.479	24.479	4.205	NC	27
3463.0		5.028	44.524	44.524	7.648	NC	28
3601.5		2.602	18.854	18.854	3.239	NC	29
3733.0		2.583	15.106	15.106	2.595	NC	30
3861.5		1.882	8.597	8.597	1.477	NC	31
3985.0		1.419	9.829	9.829	1.688	NC	32
4101.0		.781	4.401	4.401	.756	NC	33
NC 34	NOT FOUND						
NC35	NOT FOUND						
				582.164			

FIGURE: 11.23 WELL: 35 / 11 - 2
DEPTH: 3705m - 3714m



Trilab 2000 Analysis 4.8G
SAMPLE C577 MOBIL NOR 35/11-2 87K 271 (.50R)
Method : C SATS AI

Table No.10 C SATS AI (Area)

RETN TIME	REL RET	PEAK HT	PEAK AREA	PEAK CONC	%CONC	PEAK NAME
869.0		17.943	90.983	90.983	4.958	NC 14
1095.5		19.408	102.718	102.718	5.598	NC 15
1322.0		19.176	106.676	106.676	5.814	NC 16
1543.5		20.818	115.483	115.483	6.293	NC 17
1562.0		11.081	79.975	79.975	4.358	PR
1757.0		20.653	115.525	115.525	6.296	NC 18
1780.0		3.425	28.441	28.441	1.550	PH
1962.0		21.251	119.709	119.709	6.524	NC 19
2159.0		20.374	114.939	114.939	6.264	NC 20
2347.0		20.020	111.352	111.352	6.068	NC 21
2527.0		17.830	105.396	105.396	5.744	NC 22
2700.5		18.138	114.363	114.363	6.232	NC 23
2866.5		16.363	97.088	97.088	5.291	NC 24
3026.0		17.473	105.117	105.117	5.729	NC 25
3179.0		12.728	73.452	73.452	4.003	NC 26
3326.0		13.164	78.458	78.458	4.276	NC 27
3468.0		10.424	68.682	68.682	3.743	NC 28
3605.5		8.157	51.575	51.575	2.811	NC 29
3737.5		6.103	36.629	36.629	1.996	NC 30
3866.0		5.414	32.076	32.076	1.748	NC 31
3990.5		3.321	18.427	18.427	1.004	NC 32
4111.5		3.630	30.486	30.486	1.661	NC 33
4250.5		2.534	23.379	23.379	1.274	NC 34
4419.5		1.434	14.033	14.033	.765	NC35
				1834.961		