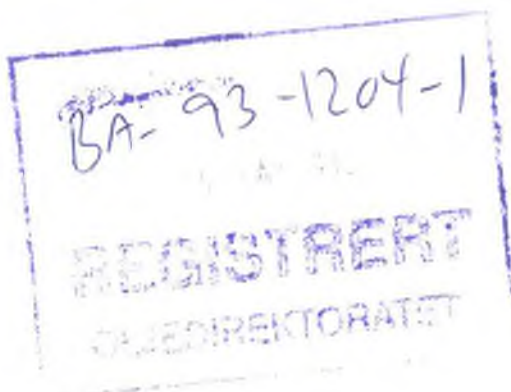


**PETROLEUM GEOCHEMISTRY
OF THE 34/7-7 WELL**

**Comprising Analysis of Core Fragments
From the Interval 2563.0m to 2904.1m,
Snorre Field, Norwegian North Sea**

Report No. 7235/Ic

Project No. Ic/21147



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GEOCHEMISTRY OF THE 34/7-7 WELL

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GEOCHEMISTRY OF THE 34/7-7 WELL

SUMMARY

This data report incorporates the results of geochemical analyses of core fragments from the interval 2563.0m to 2904.1m of the 34/7-7 well, Norwegian North Sea. The work was carried out under the Snorre TLP Template Predrilling Programme at the request of Saga Petroleum a.s.

GEOCHEMISTRY OF THE 34/7-7 WELL

INTRODUCTION

Petroleum geochemical analyses have been carried out on a suite of core chips from the interval 2563.0m to 2904.1m of the 34/7-7 well. This is the seventh well of a series to be analysed under the Snorre TLP Template Pre-drilling Programme Contract No. KO-S-90-195.

A total of 20 core chips was received at Simon Petroleum Technology's North Wales laboratories on 28 July 1992. Detailed instructions for each analytical method were received from Mr Idar Horstad, our principal contact with Saga throughout the course of this study. As the study progressed data were dispatched to Saga as follows:

28 August 1992, Fax: Tables and figures of extraction and fractionation data.

The analytical programme has followed that outlined in Contract No. KO-S-90-195 and the following number of analyses have been carried out:

Analysis	No. of samples
Semi-quantitative solvent extraction	20
Fractionation of saturates, aromatics and polar compounds	20
Saturate fraction gas chromatography	10
Aromatic fraction gas chromatography	10
Saturate fraction gas chromatography - mass spectrometry	10
Aromatic fraction gas chromatography - mass spectrometry	10
Carbon isotope analysis of saturate, aromatic, NSO and asphaltene fractions	2

The analytical methods employed are generally as proposed in the joint NPD/Norwegian companies 'Organic geochemistry standard analytic procedure requirement and reporting guide' June 1988. Certain modifications were incorporated to follow the specific methods and presentation requested by Idar Horstad as issued on 1 March 1991 entitled 'Preliminary analytical procedures, pre-production wells, Snorre Field'. These procedures have been followed and include any minor modifications found to be useful during the course of the study. Some difficulty was found in limiting light ends loss of C₁₁ compounds for aromatic fraction gas chromatography but even after allowing the separated fraction to dry naturally in a fume hood for several days the same loss was seen on gas chromatography. All carbon isotope fractions were measured by IFE, Kjeller.

SOLVENT EXTRACTION AND FRACTIONATION DATA

DEPTH (metres)	SATURATED HYDROCARBONS		AROMATIC HYDROCARBONS		POLARS		SATURATED:AROMATIC HYDROCARBONS RATIO
	mg/g rock	% of extract	mg/g rock	% of extract	mg/g rock	% of extract	
2563.0	5.85	63.6	1.46	15.9	1.89	20.5	4.00
2565.0	9.94	62.5	2.64	16.6	3.32	20.9	3.76
2567.0	6.71	60.2	1.89	17.0	2.54	22.8	3.55
2568.5	12.22	62.8	4.07	20.9	3.15	16.2	3.00
2585.0	6.33	62.1	1.68	16.5	2.18	21.4	3.76
2586.5	14.13	61.0	4.71	20.3	4.31	18.6	3.00
2587.5	7.37	57.2	2.87	22.2	2.66	20.6	2.57
2590.3	10.89	58.5	3.83	20.6	3.89	20.9	2.85
2591.0	8.34	59.3	2.93	20.9	2.78	19.8	2.85
2601.9	0.05	54.8	0.02	19.2	0.03	26.0	2.85
2608.4	4.53	60.4	1.06	14.2	1.91	25.4	4.26
2611.0	5.75	61.5	1.44	15.4	2.16	23.1	4.00
2612.0	2.77	60.8	0.74	16.2	1.05	23.0	3.76
2613.0	11.66	61.1	3.29	17.2	4.15	21.7	3.55
2613.5	8.53	61.4	2.55	18.3	2.82	20.3	3.35
2640.5	2.26	55.2	0.64	15.6	1.20	29.3	3.55
2641.5	4.21	57.3	1.19	16.2	1.95	26.5	3.55
2643.0	5.67	57.0	1.69	17.0	2.59	26.0	3.35
2884.5	0.16	52.1	0.06	19.3	0.09	28.7	2.70
2904.4	0.19	54.1	0.07	19.0	0.09	26.9	2.85

SOLVENT EXTRACTION AND FRACTIONATION DATA

TABLE: 1

SAMPLE DATA						
SAMPLE DEPTH (Mtrs)	2563.0	2567.0	2585.0	2587.5	2591.0	2611.0
SAMPLE TYPE	Core	Core	Core	Core	Core	Core

COMPONENTS	QUANTIFIED NORMAL AND ISOPRENOID ALKANE ABUNDANCES (%)					
	n-C10					
n-C11						
n-C12						
n-C13						
n-C14	.05	.29	.11	.14	.04	.14
n-C15	.77	1.49	1.02	1.35	.64	1.22
n-C16	2.22	2.71	2.44	2.88	1.93	2.70
n-C17	3.26	3.45	3.43	3.78	3.19	3.65
n-C18	4.09	3.84	3.87	3.89	3.71	3.87
n-C19	5.53	4.85	4.94	4.61	4.57	4.70
n-C20	4.74	4.08	4.23	3.95	4.10	4.07
n-C21	3.75	3.29	3.52	3.32	3.47	3.39
n-C22	3.53	3.14	3.41	3.15	3.35	3.23
n-C23	2.99	2.75	2.98	2.74	2.89	2.85
n-C24	2.86	2.63	2.81	2.65	2.79	2.75
n-C25	2.76	2.46	2.78	2.50	2.55	2.58
n-C26	1.98	1.91	2.23	2.07	2.09	2.02
n-C27	1.80	1.55	2.17	1.84	1.90	1.78
n-C28	1.57	1.40	1.88	1.56	1.90	1.61
n-C29	1.36	1.32	1.75	1.49	1.72	1.43
n-C30	1.08	1.19	1.39	1.41	1.42	1.35
n-C31	.94	1.17	1.37	1.36	1.19	1.39
n-C32	.84	.80	1.03	.97	.99	.93
n-C33	1.05	.95	1.26	1.11	1.18	1.11
n-C34	1.23	.97	1.32	1.11	1.30	1.17
n-C35	.88	.87	.92	.89	.99	.91
n-C36	.42	.39	.46	.44	.48	.46
i-C15 (Farnesane)			.01	.02		.02
i-C16	.16	.41	.25	.34	.14	.32
i-C18 (Norpristane)	1.49	1.65	1.56	1.74	1.43	1.77
i-C19 (Pristane)	3.09	3.21	3.30	3.60	3.39	3.64
i-C20 (Phytane)	3.13	3.04	3.07	3.07	3.30	3.26

GENERAL DATA						
Total Abundance(%)	58	56	60	58	57	58
TOC (% of Rock)						
Extract (ppm)	9200	11150	10200	12900	14050	9350
Hydrocarbons (ppm)	7315	8610	8015	10245	11270	7190
Hydrocarbon(mg/gTOC)						
Alks(% Hydrocarbons)	80	78	79	72	74	80
Rock-Eval HI						
Rock-Eval PI						

RATIOS						
CPI-1	1.07	1.06	1.09	1.06	1.02	1.06
CPI-2	1.09	1.07	1.10	1.07	1.02	1.07
CPI-3	1.02	.94	1.05	1.01	.95	.98
Bias	1.41	1.40	1.19	1.30	1.18	1.29
i-C19 / n-C17	.95	.93	.96	.95	1.06	1.00
i-C20 / n-C18	.76	.79	.79	.79	.89	.84
i-C19 / i-C20	.99	1.06	1.08	1.17	1.03	1.12

LEGEND	
i - isoprenoid	n - normal
For definition of Ratios CPI-1,-2,-3 and Bias - see following page	

ALKANE GAS CHROMATOGRAPHY DATA

TABLE : 2A

SAMPLE DATA						
SAMPLE DEPTH (Mtrs)	2613.0	2641.5	2643.0	2904.1		
SAMPLE TYPE	Core	Core	Core	Core		

COMPONENTS	QUANTIFIED NORMAL AND ISOPRENOID ALKANE ABUNDANCES (%)					
	n-C10					
n-C11						
n-C12						
n-C13						
n-C14	.12	.01	.00	.01		
n-C15	1.01	.20	.22	.05		
n-C16	2.20	1.19	1.19	1.12		
n-C17	3.10	2.73	2.50	3.58		
n-C18	3.46	3.46	3.13	4.66		
n-C19	4.44	3.90	3.52	5.81		
n-C20	4.00	4.25	3.95	5.85		
n-C21	3.39	3.56	3.33	5.20		
n-C22	3.24	3.46	3.33	4.99		
n-C23	2.84	2.97	2.91	4.17		
n-C24	2.74	2.92	2.81	3.55		
n-C25	2.62	2.86	2.81	3.56		
n-C26	2.04	2.14	2.16	2.34		
n-C27	1.85	1.86	1.94	1.93		
n-C28	1.64	1.68	1.86	1.89		
n-C29	1.39	1.49	1.64	1.49		
n-C30	1.21	1.47	1.42	1.04		
n-C31	1.16	1.42	1.48	1.12		
n-C32	.81	.99	1.10	.67		
n-C33	1.00	1.53	1.35	.79		
n-C34	1.13	1.28	1.54	.79		
n-C35	.83	1.02	1.19	.68		
n-C36	.34	.45	.62	.43		
i-C15 (Farnesane)	.02					
i-C16	.26	.03	.03	.00		
i-C18 (Norpristane)	1.43	1.22	1.18	1.11		
i-C19 (Pristane)	3.05	3.43	3.18	3.53		
i-C20 (Phytane)	2.89	3.68	3.40	3.82		

GENERAL DATA						
Total Abundance(%)	54	55	54	64		
TOC (% of Rock)						
Extract (ppm)	19100	7350	9950	350		
Hydrocarbons (ppm)	14955	5400	7365	255		
Hydrocarbon(mg/gTOC)						
Alks(% Hydrocarbons)	78	78	77	74		
Rock-Eval HI						
Rock-Eval PI						

RATIOS						
CPI-1	1.06	1.10	1.06	1.13		
CPI-2	1.08	1.07	1.08	1.14		
CPI-3	1.01	.97	.96	.91		
Bias	1.23	1.06	.98	1.38		
i-C19 / n-C17	.98	1.25	1.27	.99		
i-C20 / n-C18	.84	1.06	1.09	.82		
i-C19 / i-C20	1.05	.93	.94	.93		

LEGEND						
i - isoprenoid	n - normal	For definition of Ratios CPI-1,-2,-3 and Bias - see following page				

ALKANE GAS CHROMATOGRAPHY DATA

TABLE : 2B

Alkane gas chromatography data - definition of ratios

CPI 1 (Bray and Evans):

$$\frac{1}{2} \times \left[\frac{C_{25} + C_{27} + C_{29} + C_{31} + C_{33}}{C_{24} + C_{26} + C_{28} + C_{30} + C_{32}} + \frac{C_{25} + C_{27} + C_{29} + C_{31} + C_{33}}{C_{26} + C_{28} + C_{30} + C_{32} + C_{34}} \right]$$

CPI 2 (Radke and Statoil):

$$\frac{1}{2} \times \left[\frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{24} + C_{26} + C_{28} + C_{30}} + \frac{C_{25} + C_{27} + C_{29} + C_{31}}{C_{26} + C_{28} + C_{30} + C_{32}} \right]$$

CPI 3 (Statoil and Philippi):

$$\frac{2 \times C_{27}}{C_{26} + C_{28}}$$

Bias:

$$\frac{C_{16} + C_{17} + C_{18} + C_{19} + C_{20} + C_{21} + C_{22}}{C_{23} + C_{24} + C_{25} + C_{26} + C_{27} + C_{28} + C_{29} + C_{30} + C_{31} + C_{32} + C_{33}}$$

Gasoline ratios - definition of indices

Late mature index - Benzene/methyl cyclohexane

Aromaticity index - Toluene/*n*-heptane

Heptane index - *n*-Heptane/all C₇ compounds (%)

Iso-heptane index - Methyl hexanes (non-cyclic)/dimethyl cyclopentanes

Kerogen type index - Heptane index-4/*Iso*-heptane index

GENERAL DATA		AROMATIC GAS CHROMATOGRAPHY - BIOMARKER RATIOS										
SAMPLE DEPTH (metres)	SAMPLE TYPE	BIOMARKER RATIO No.										
		1	2	3	4	5	6	7				
2563.0	Core	0.96	*	*	*	*	*	*	*			
2567.0	Core	0.66	0.64	*	*	*	*	*	*			
2585.0	Core	0.63	0.63	*	*	*	*	*	*			
2587.5	Core	0.64	0.68	*	*	*	*	*	*			
2591.0	Core	*	*	*	*	*	*	*	*			
2611.0	Core	0.64	0.69	*	*	*	*	*	*			
2613.0	Core	*	*	*	*	*	*	*	*			
2641.5	Core	0.63	0.56	*	*	*	*	*	*			
2643.0	Core	0.60	0.51	*	*	*	*	*	*			
2904.0		*	*	*	*	*	*	*	*			

KEY TO GC BIOMARKER RATIOS

- 1: MPI-1 - $1.5(3\text{-} + 2\text{-methylphenanthrenes}) / (\text{phenanthrene} + 9\text{-} + 1\text{-methylphenanthrenes})$
- 2: MPR - $2\text{-methylphenanthrene} / 1\text{-methylphenanthrene}$
- 3: MNR - $2\text{-methylnaphthalene} / 1\text{-methylnaphthalene}$
- 4: ENR - $2\text{-ethylnaphthalene} / 1\text{-ethylnaphthalene}$
- 5: BIPHENYL - $\text{Biphenyl} / (1\text{-ethylnaphthalene} + 2 \text{ ethylnaphthalene})$
- 6: DNR - $(2,6\text{-dimethylnaphthalene} + 2,7\text{-dimethylnaphthalene}) / 1,5\text{-dimethylnaphthalene}$
- 7: TNR - $(1,3,7\text{-trimethylnaphthalene} + 2,3,6\text{-trimethylnaphthalene}) / (1,3,5\text{-trimethylnaphthalene} + 1,3,6\text{-trimethylnaphthalene} + 1,4,6\text{-trimethylnaphthalene})$

NOTE: * - Peak resolution not good enough for calculation η - Poor

AROMATIC GAS CHROMATOGRAPHY BIOMARKER RATIOS
TABLE: 3

COMPANY: SAGA

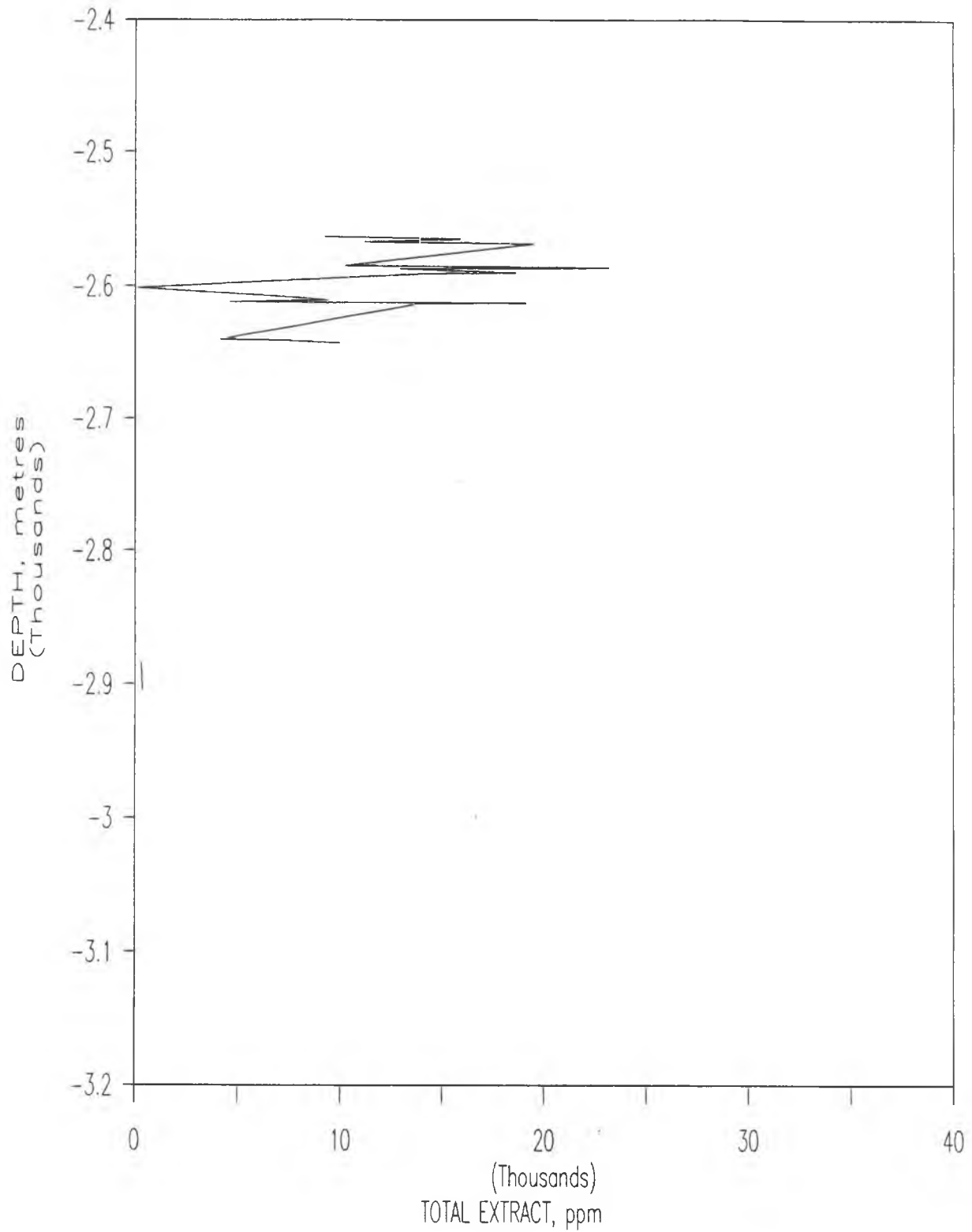
WELL: 34/7-7

LOCATION: OFFSHORE NORWAY

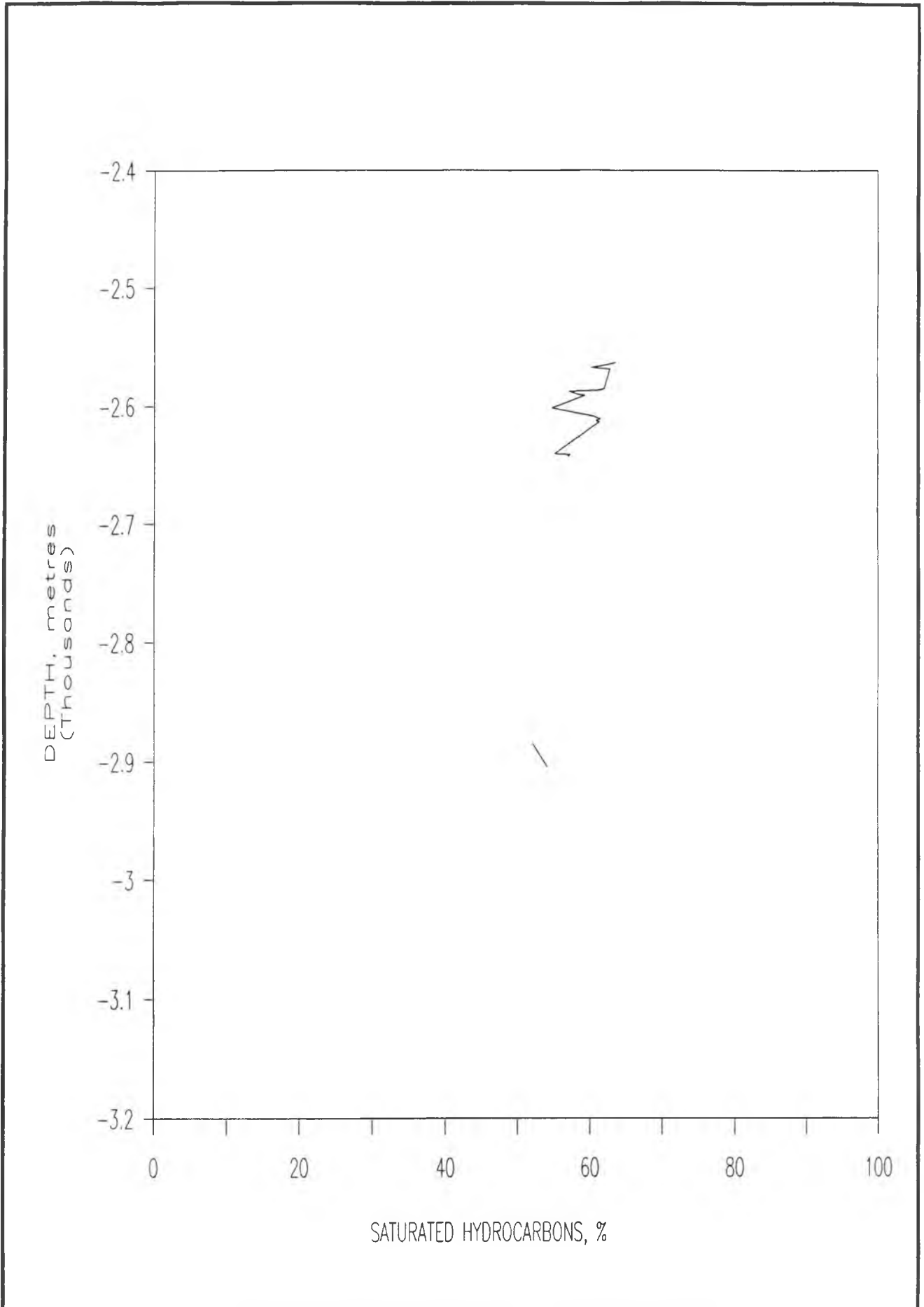
GENERAL DATA			CARBON ISOTOPE DATA, $\delta^{13}\text{C}$, ‰, rel. PDB				
SAMPLE DEPTH (metres)	SAMPLE TYPE	ANALYSED LITHOLOGY	SATURATE FRACTION	AROMATIC FRACTION	POLAR FRACTION	ASPHALTENE FRACTION	WHOLE EXTRACT
2641.5	Core		-30.5	-29.6	-29.6	-29.9	-
2643.0	Core		-30.3	-26.6	*	-30.2	-

CARBON ISOTOPE DATA

TABLE: 4

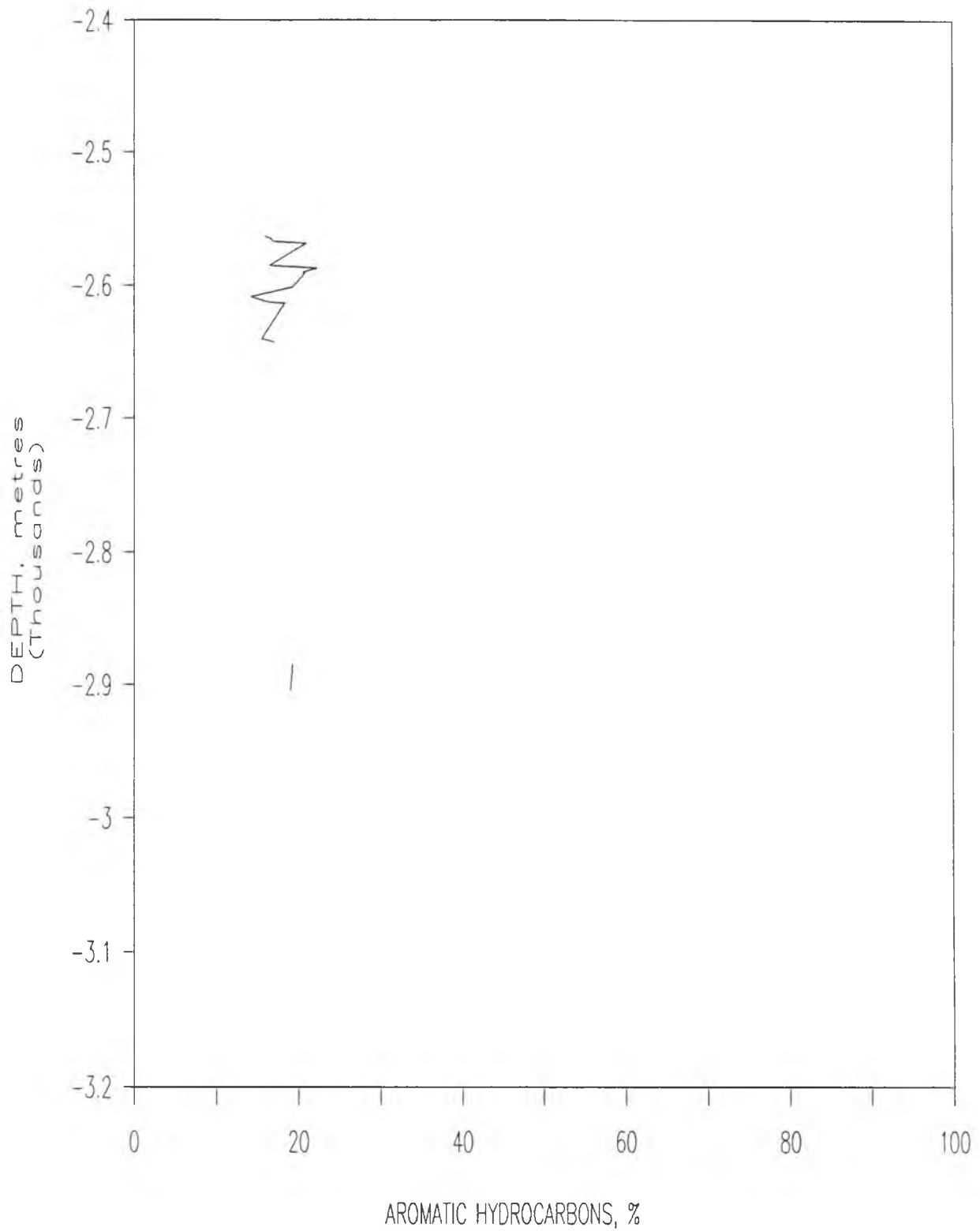


TOTAL EXTRACT AGAINST DEPTH
FIGURE 1



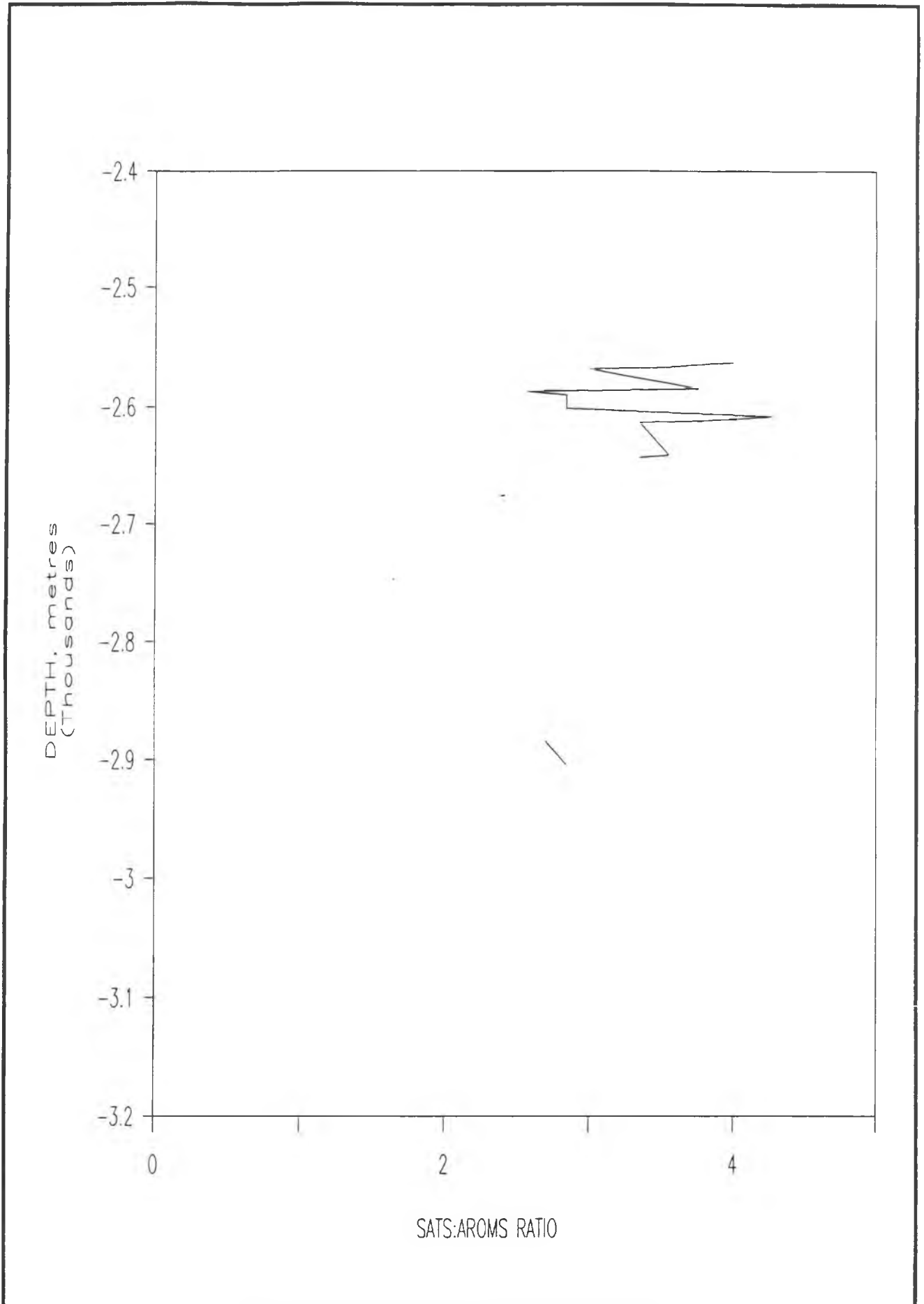
PERCENTAGE OF SATURATE HYDROCARBONS AGAINST DEPTH

FIGURE 2



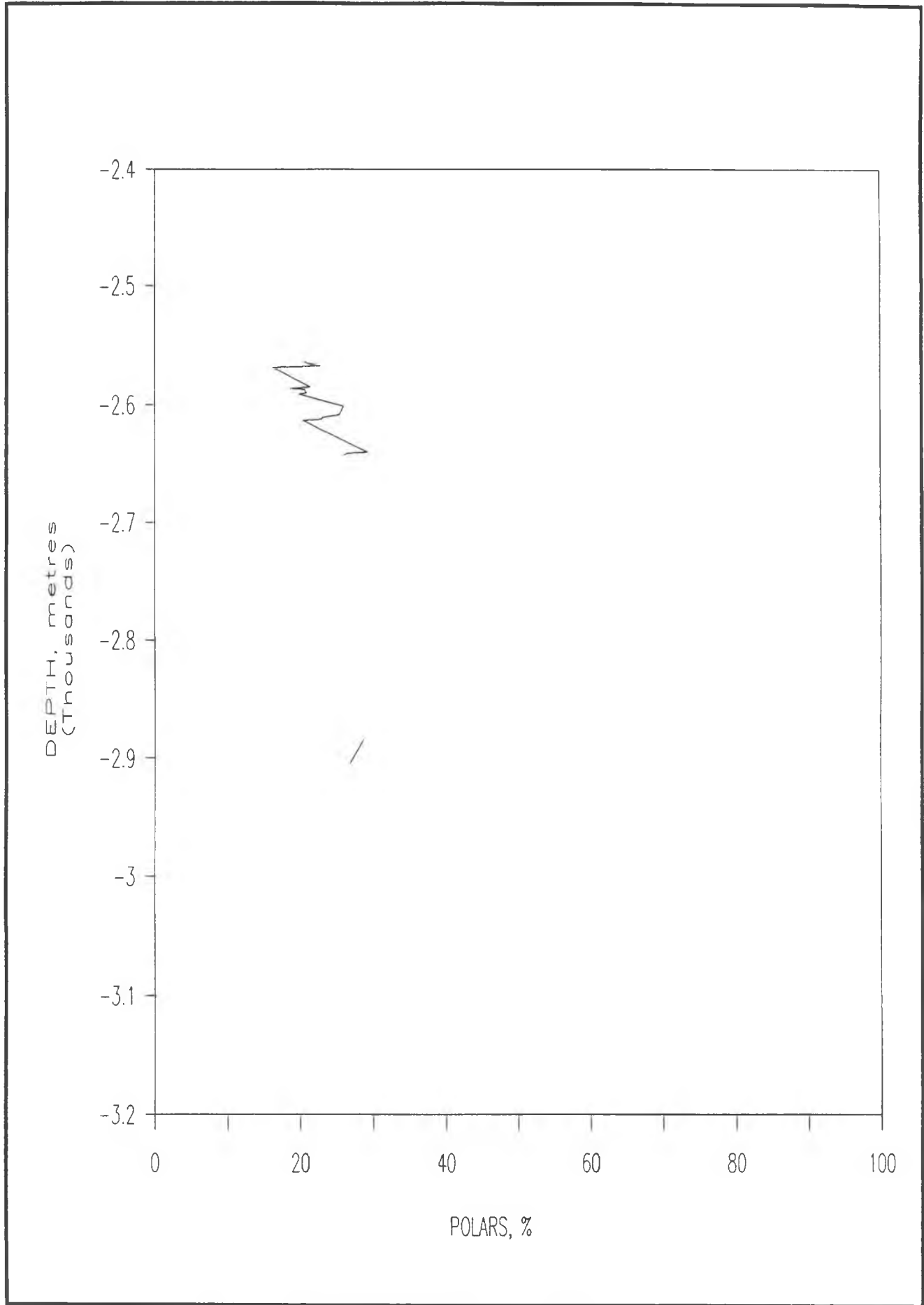
PERCENTAGE OF AROMATIC HYDROCARBONS AGAINST DEPTH

FIGURE 3

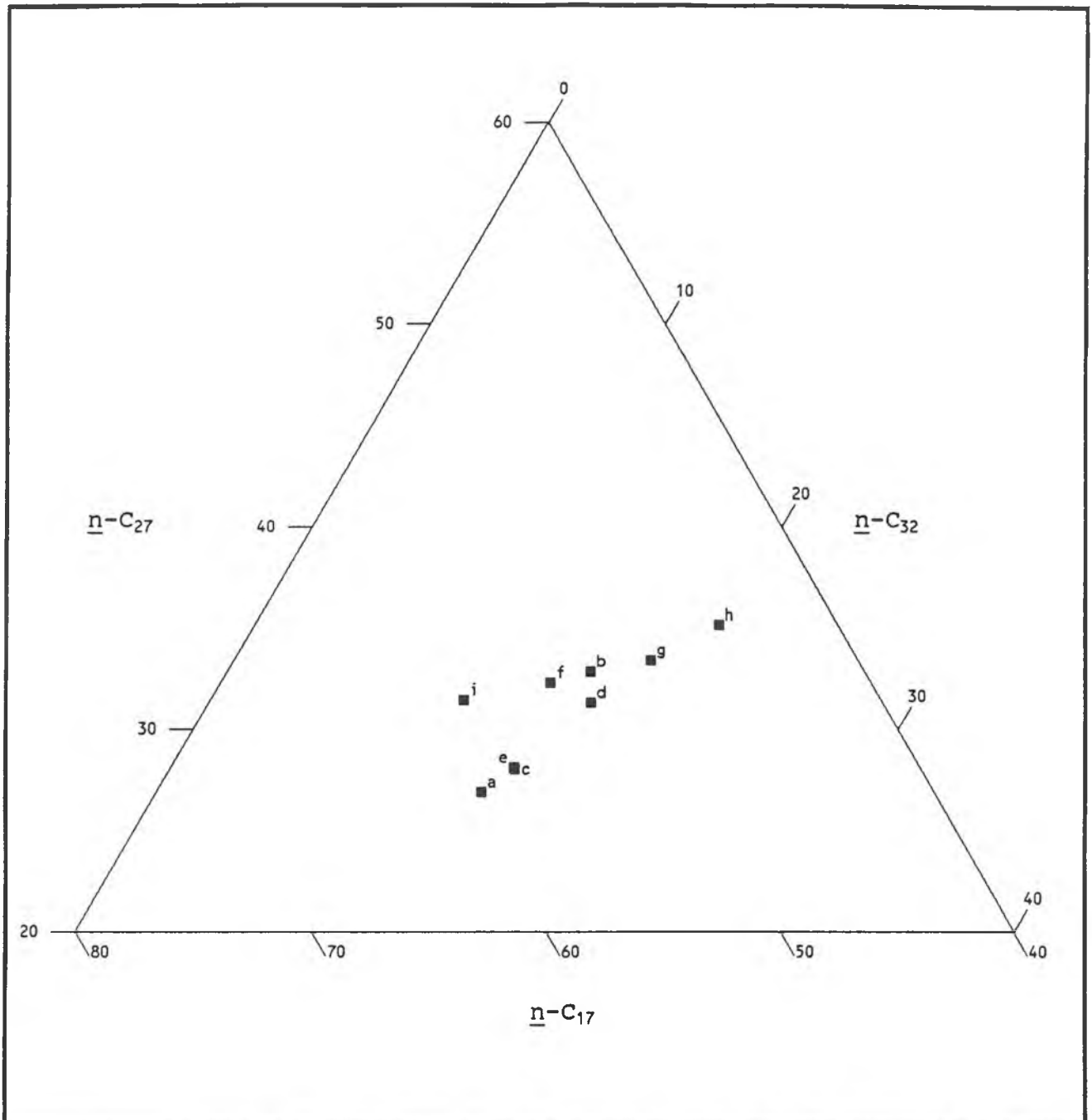


SATURATES:AROMATICS RATIO AGAINST DEPTH

FIGURE 4



PERCENTAGE OF POLARS AGAINST DEPTH
FIGURE 5



KEY	SAMPLE IDENTIFICATION
	a = 2567.0m b = 2585.0m c = 2587.5m d = 2591.0m e = 2611.0m f = 2613.0m g = 2641.5m h = 2643.0m i = 2904.0m

NORMALISED ABUNDANCES OF n-C₁₇ , n-C₂₇ AND n-C₃₂
 FIGURE 6

GEOCHEMISTRY OF THE 34/7-7 WELL

Figure 7SATURATE FRACTION GAS CHROMATOGRAMS

Figure	Depth
7.1	2563.0m
7.2	2567.0m
7.3	2585.0m
7.4	2587.5m
7.5	2591.0m
7.6	2611.0m
7.7	2613.0m
7.8	2641.5m
7.9	2643.0m
7.10	2904.1m

SIMON LABORATORIES

Analysis Name : 6 S92H0061R0, 1, 1.

92H 61 SAGA 34/7-7

Amount : 1.000

C15+ SATURATE GC

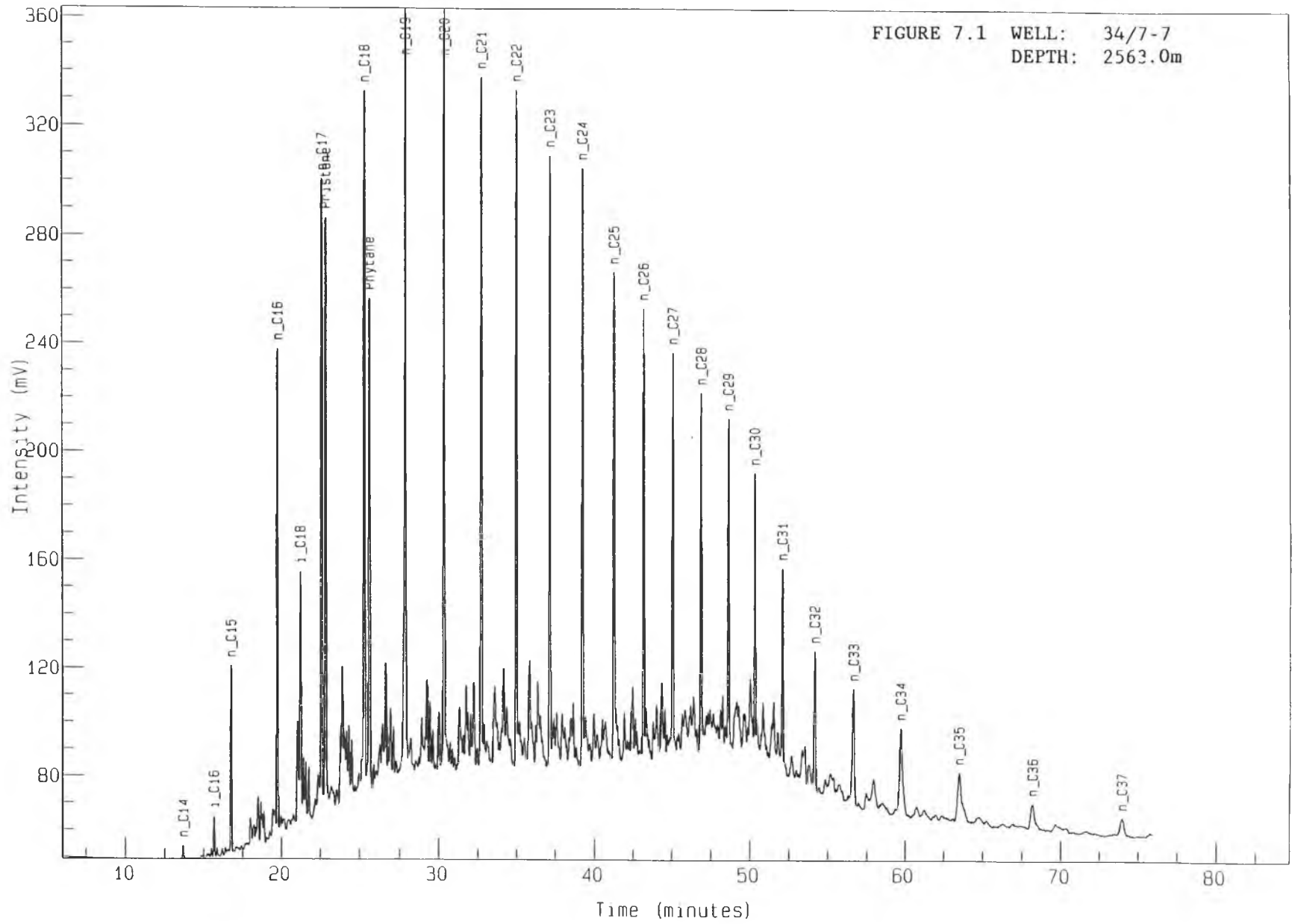


FIGURE 7.1 WELL: 34/7-7
DEPTH: 2563.0m

SIMON LABORATORIES

Analysis Name : 6 S92H0063R0, 1, 1.

92H 63 SAGA 34/7-7

Amount : 1.000

C15+ SATURATE GC

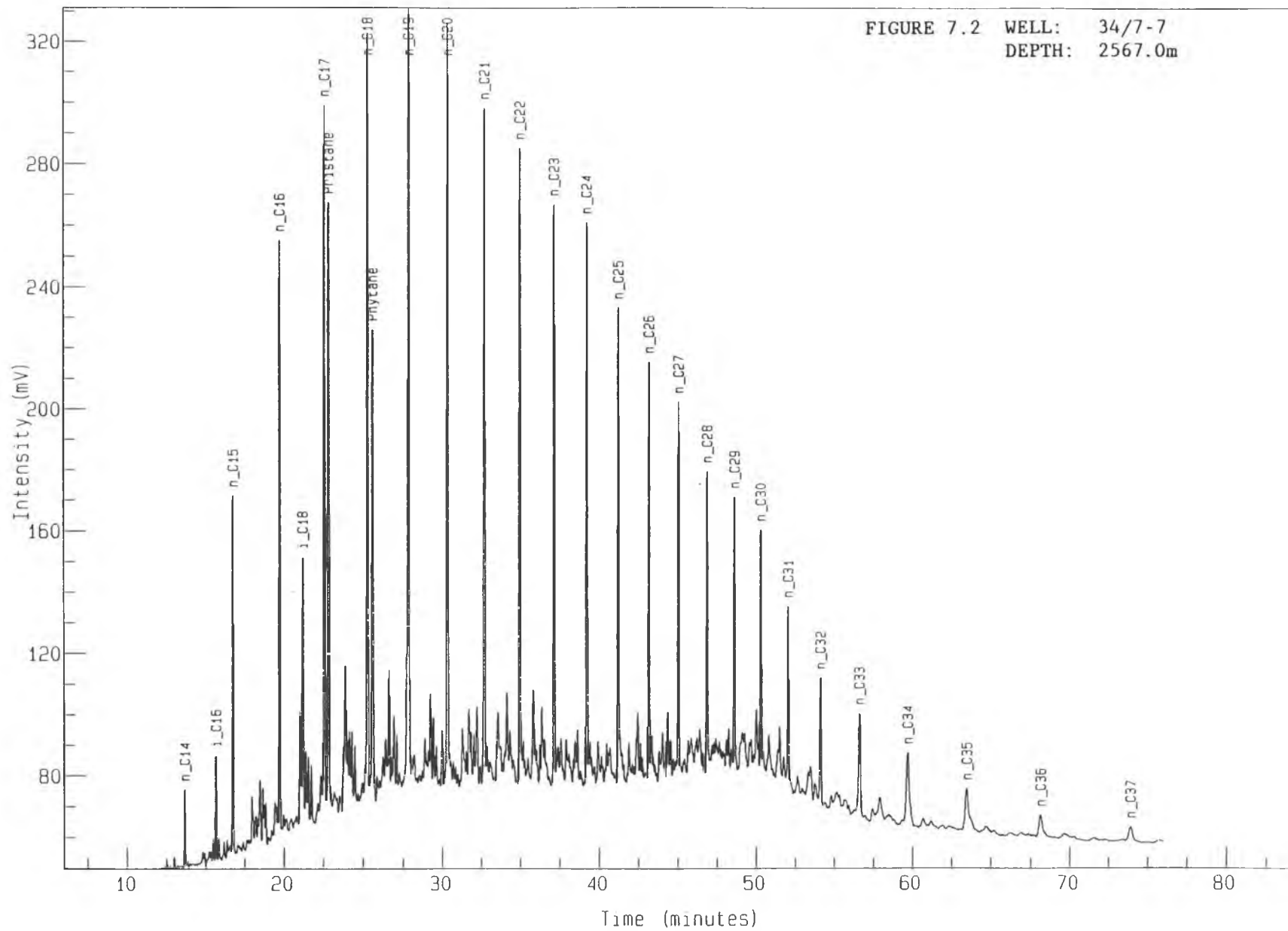


FIGURE 7.2 WELL: 34/7-7
DEPTH: 2567.0m

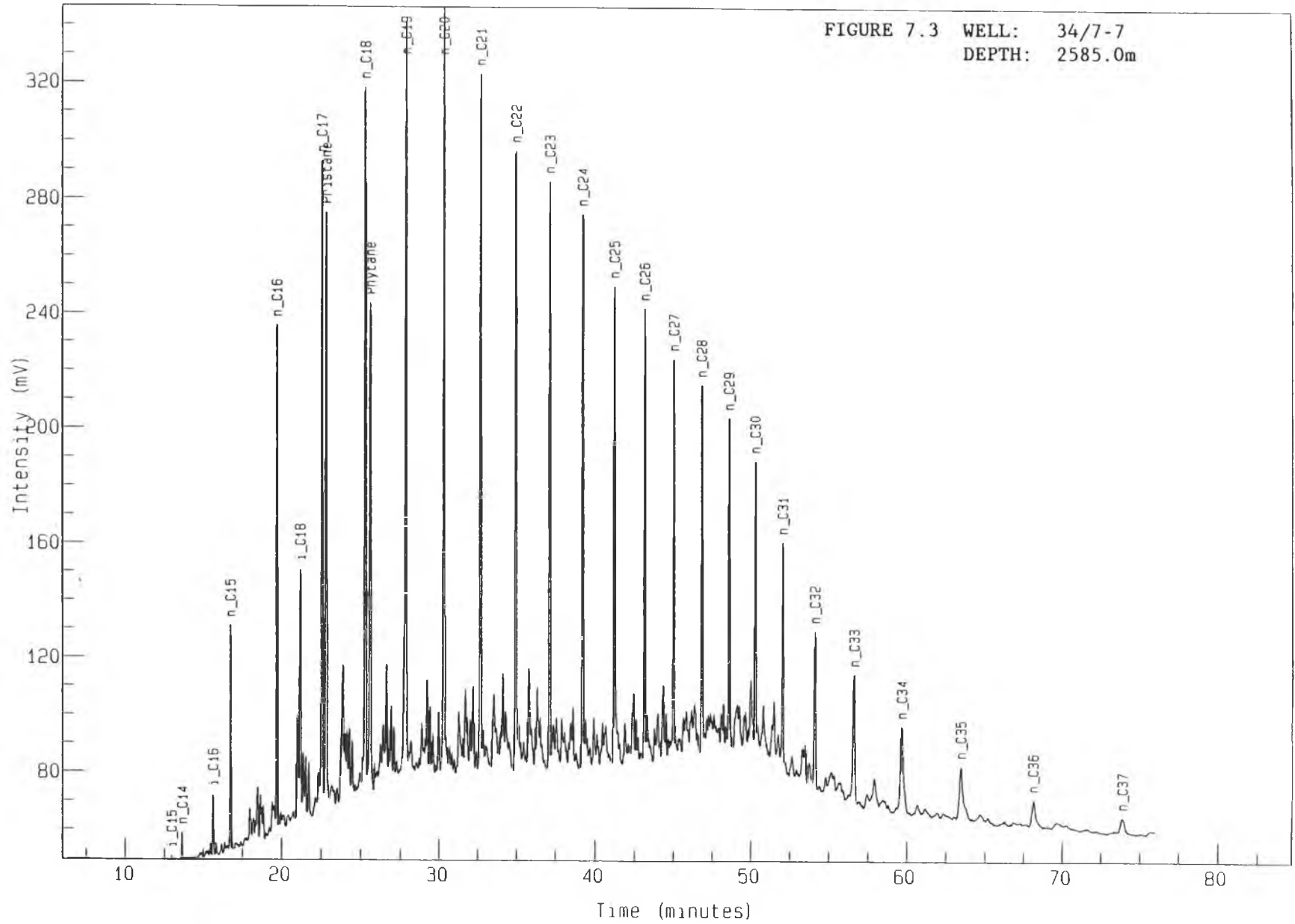
SIMON LABORATORIES

Analysis Name : 6 S92H0065R0, 1, 1.

92H 65 SAGA 34/7-7

Amount : 1.000

C15+ SATURATE GC



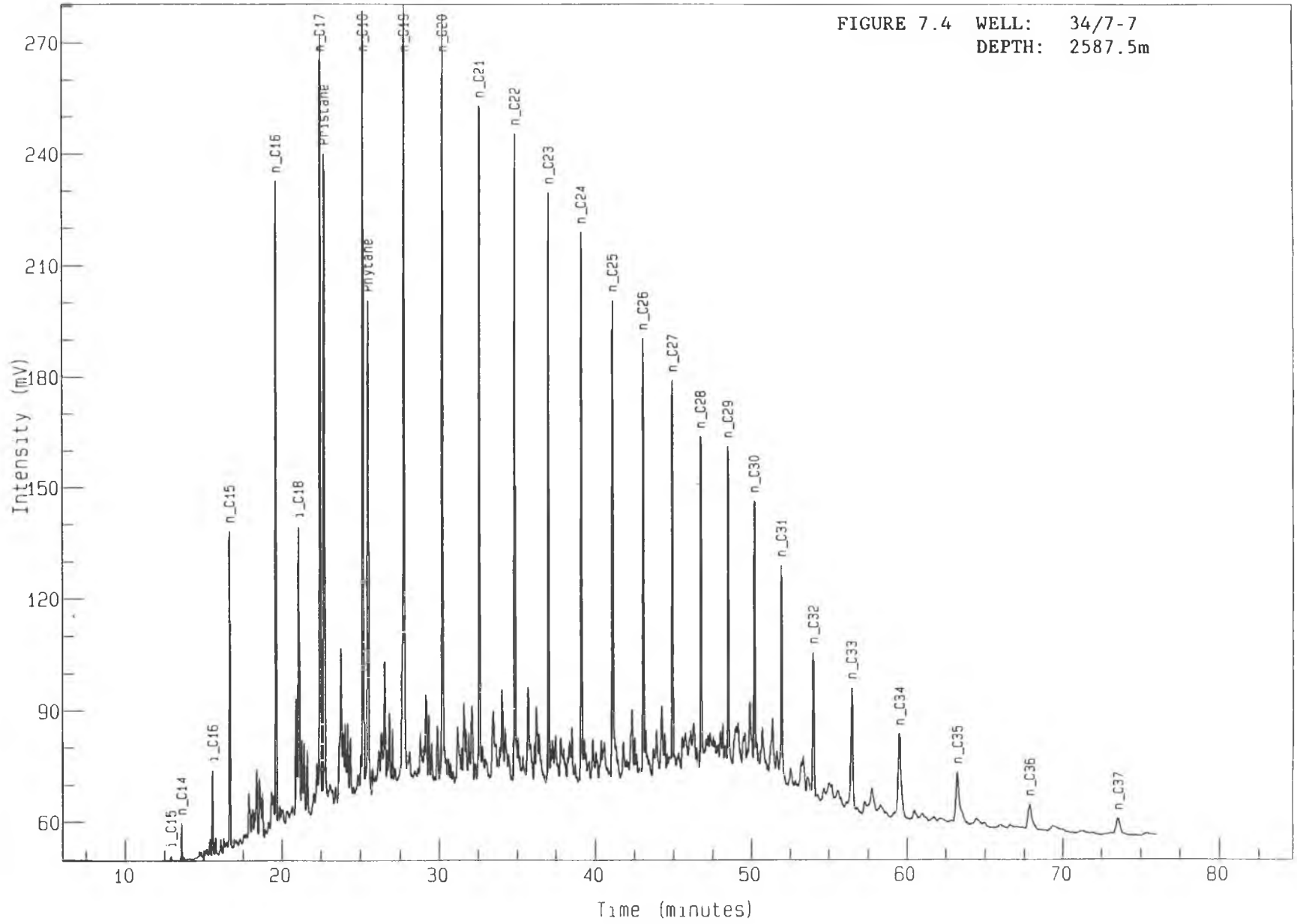
SIMON LABORATORIES

Analysis Name : 6 S92H0067R0, 1, 1.

92H 67 SAGA 34/7-7

Amount : 1.000

C15+ SATURATE GC



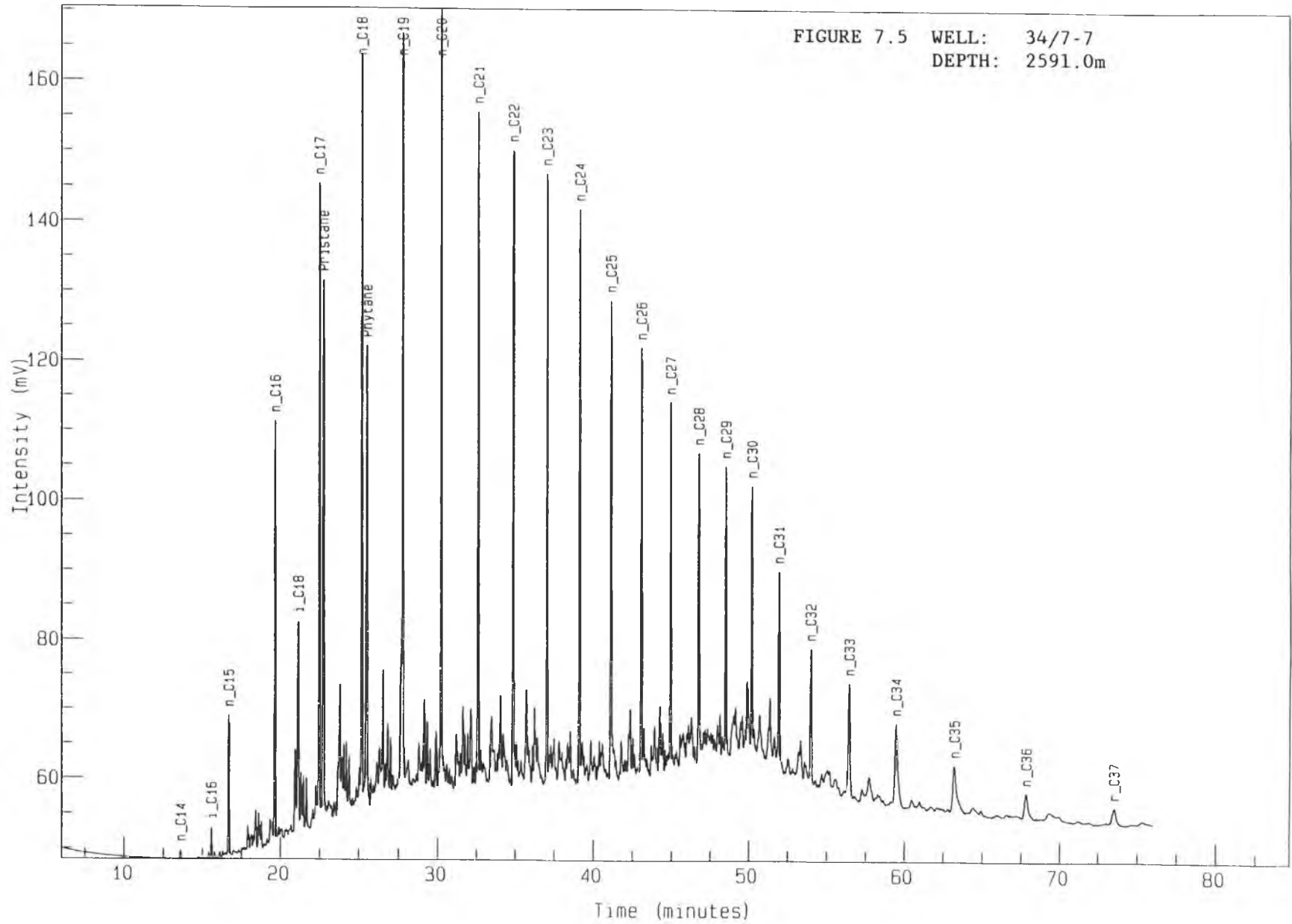
SIMON LABORATORIES

Analysis Name : 6 S92H0069R0, 1, 1.

92H 69 SAGA 34/7-7

Amount : 1.000

C15+ SATURATE GC

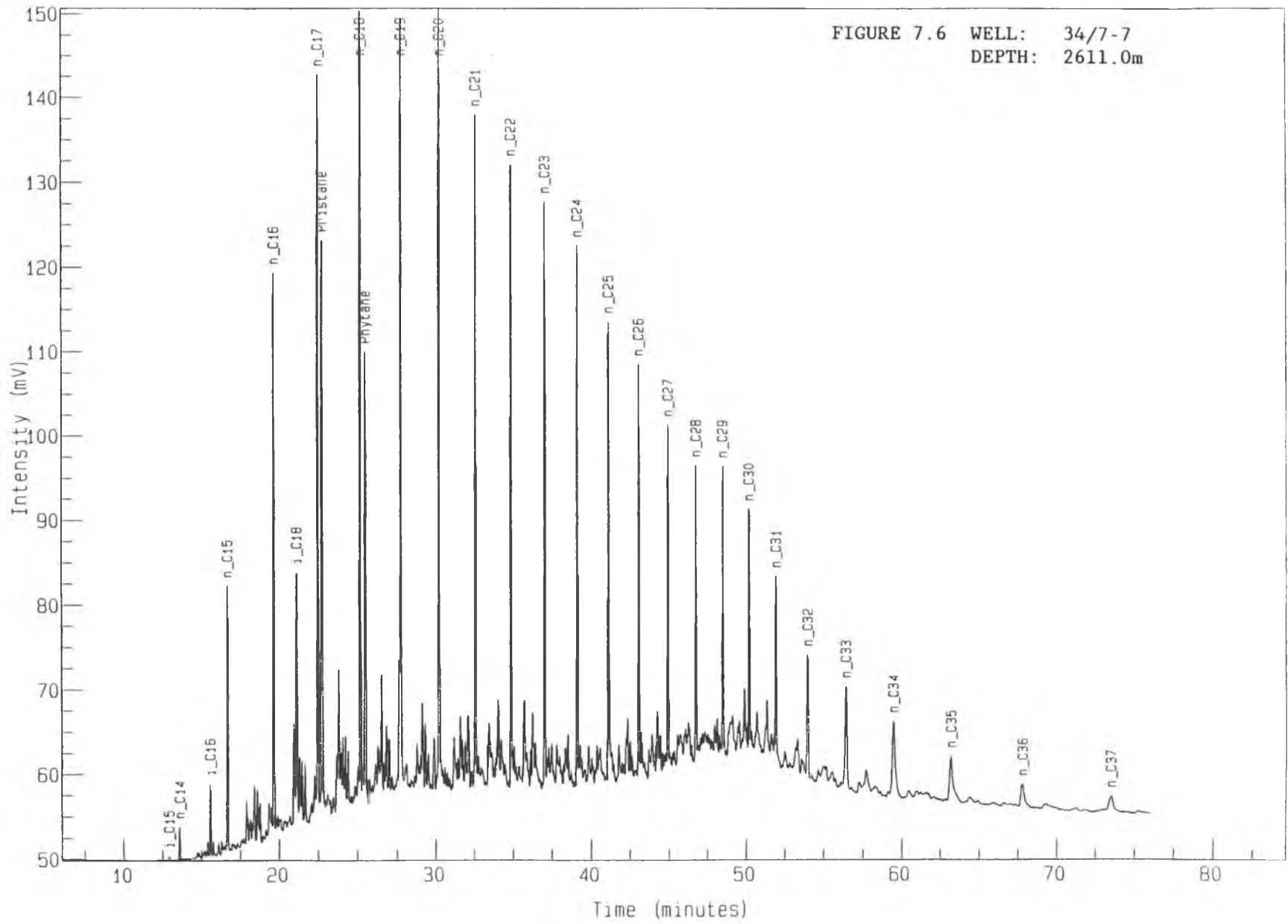


SIMON LABORATORIES

Analysis Name : 6 S92H0072R0, 1, 1.

92H 72 SAGA 34/7-7 Amount : 1.000

C15+ SATURATE GC



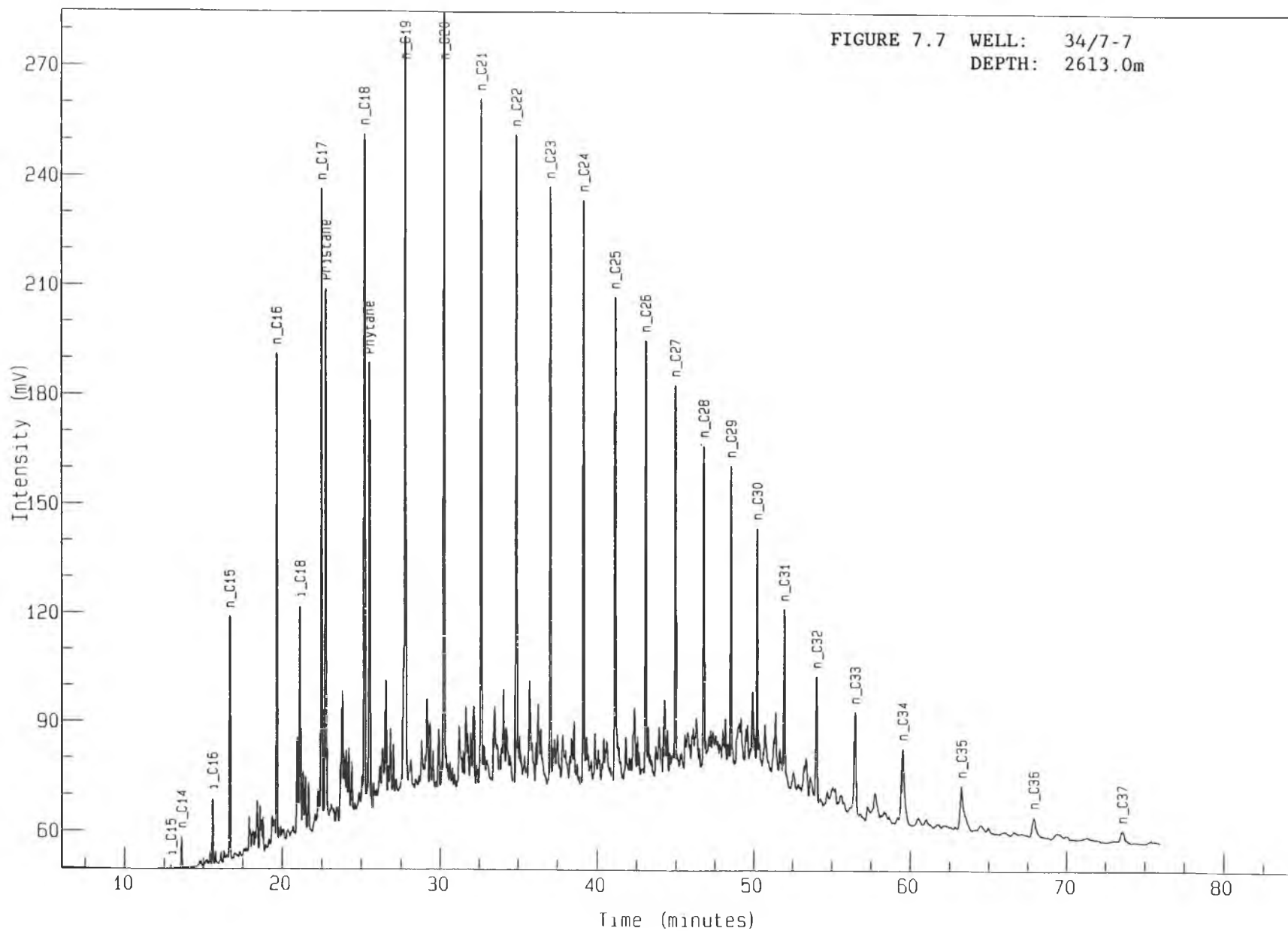
SIMON LABORATORIES

Analysis Name : 6 S92H0074R0, 1, 1.

92H 74 SAGA 34/7-7

Amount : 1.000

C15+ SATURATE GC



SIMON LABORATORIES

Analysis Name : 6 S92H0077R0, 1, 1.

92H 77 SAGA 34/7-7 Amount : 1.000

C15+ SATURATE GC

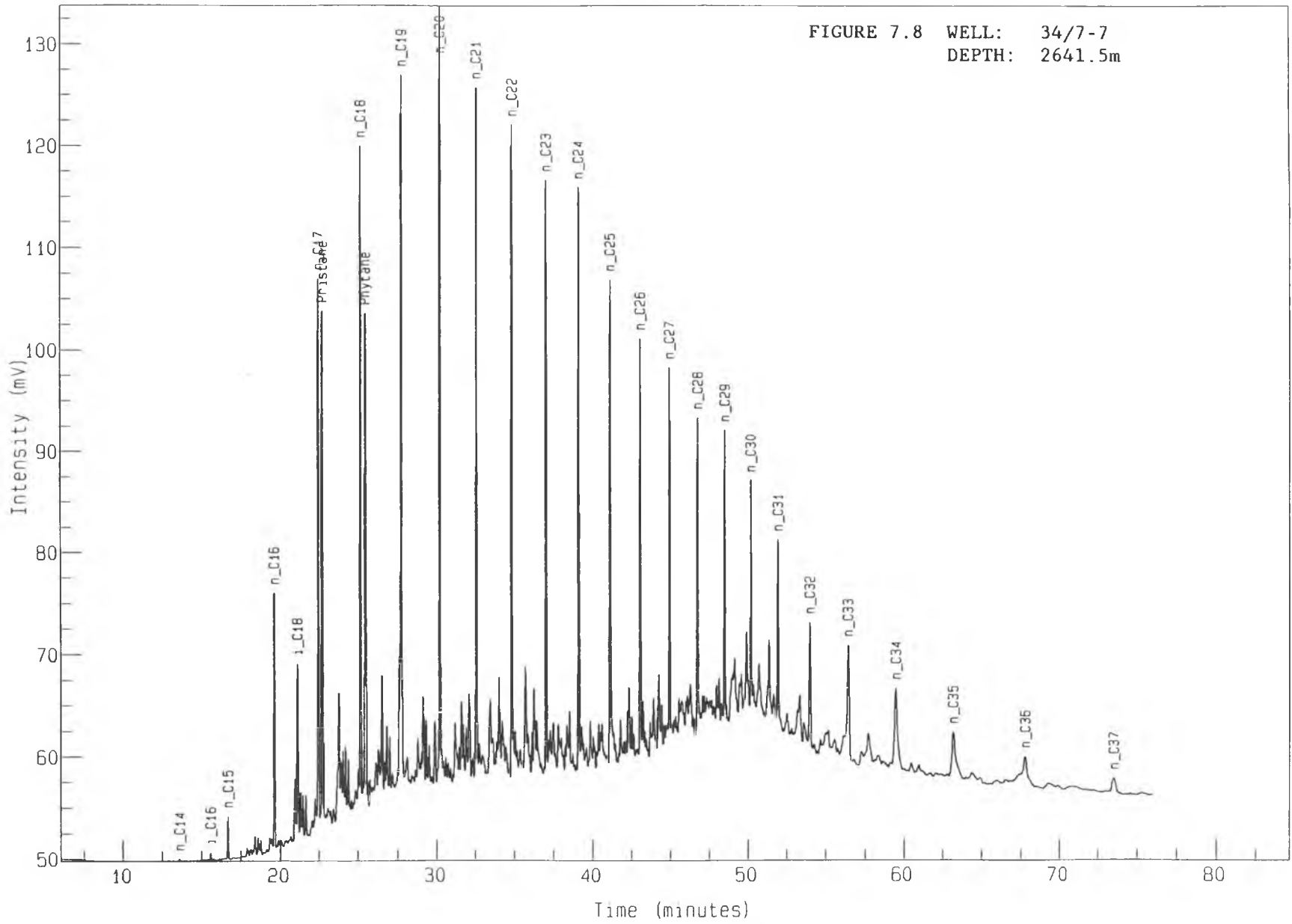


FIGURE 7.8 WELL: 34/7-7
DEPTH: 2641.5m

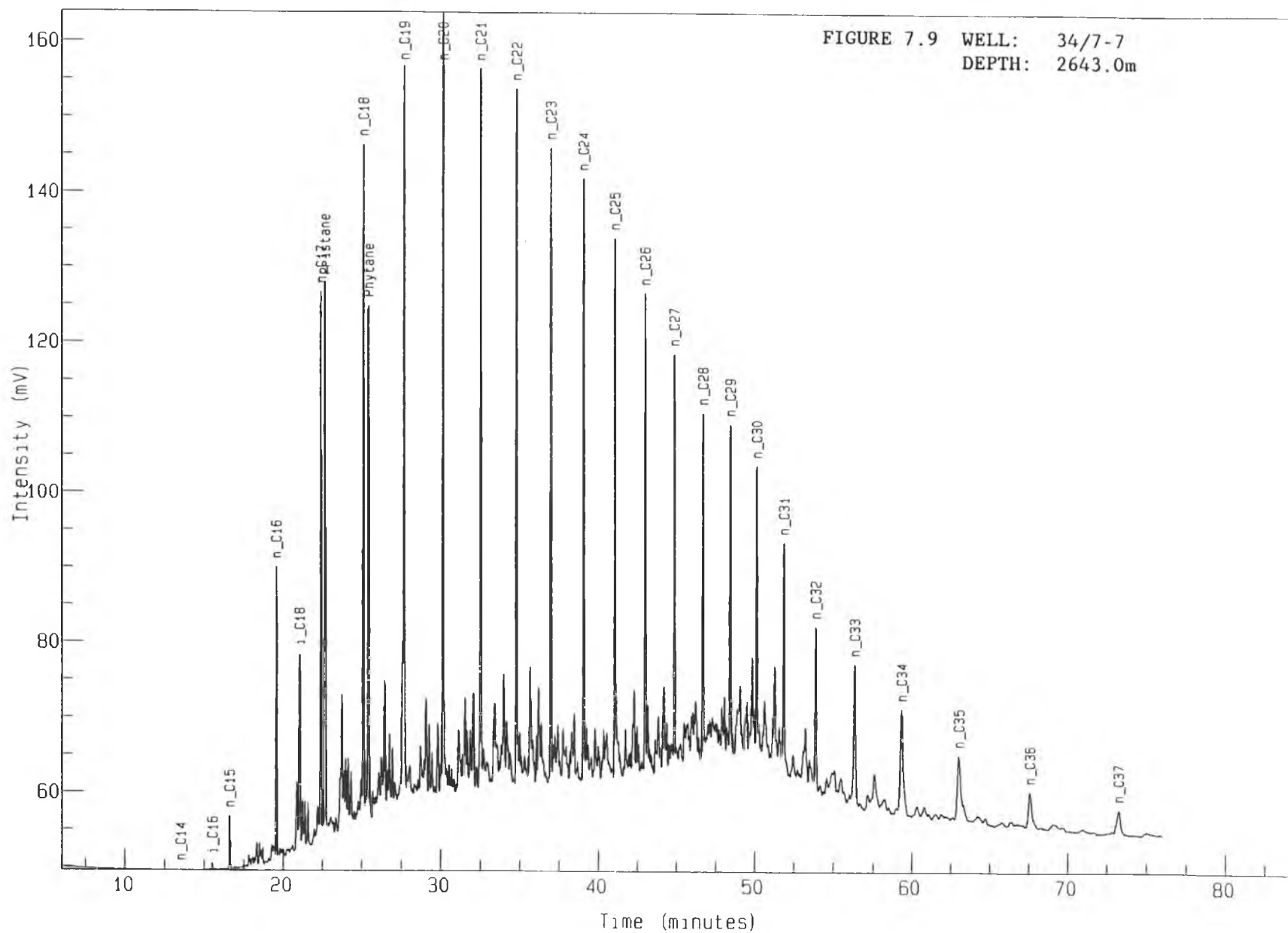
SIMON LABORATORIES

Analysis Name : 6 S92H0078R0, 1, 1.

92H 78 SAGA 34/7-7

Amount : 1.000

C15+ SATURATE GC



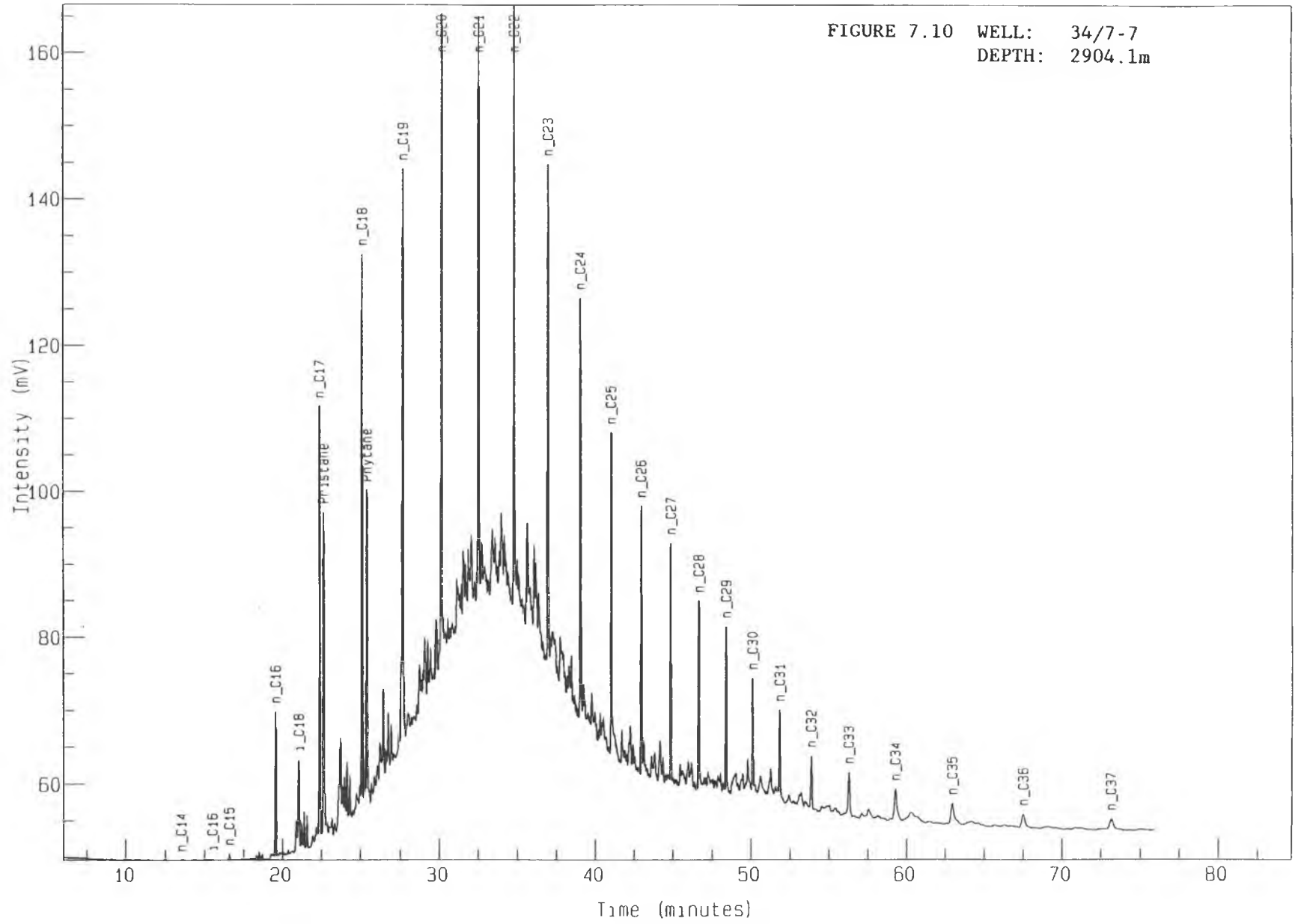
SIMON LABORATORIES

Analysis Name : 6 S92H0080R0, 1, 1.

92H 80 SAGA 34/7-7

Amount : 1.000

C15+ SATURATE GC



GEOCHEMISTRY OF THE 34/7-7 WELL

Figure 8AROMATIC FRACTION GAS CHROMATOGRAMS

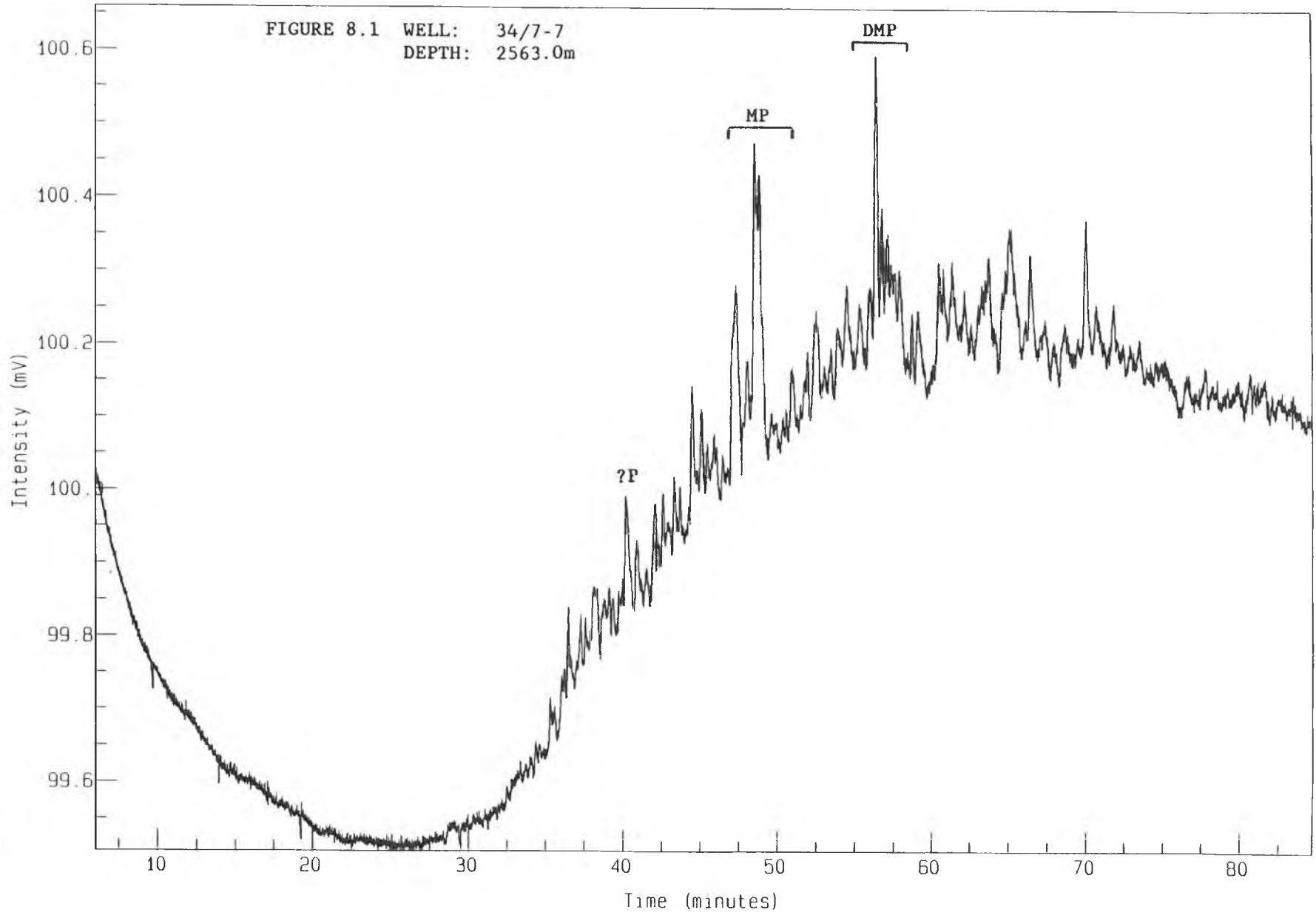
Figure	Depth
8.1	2563.0m
8.2	2567.0m
8.3	2585.0m
8.4	2587.5m
8.5	2591.0m
8.6	2611.0m
8.7	2613.0m
8.8	2641.5m
8.9	2643.0m
8.10	2904.1m

SIMON LABORATORIES

Analysis Name : 9 A92H0061R1, 1, 1.

92H 61 SAGA 34/7-7 Amount : 1.000

AROMATIC GC



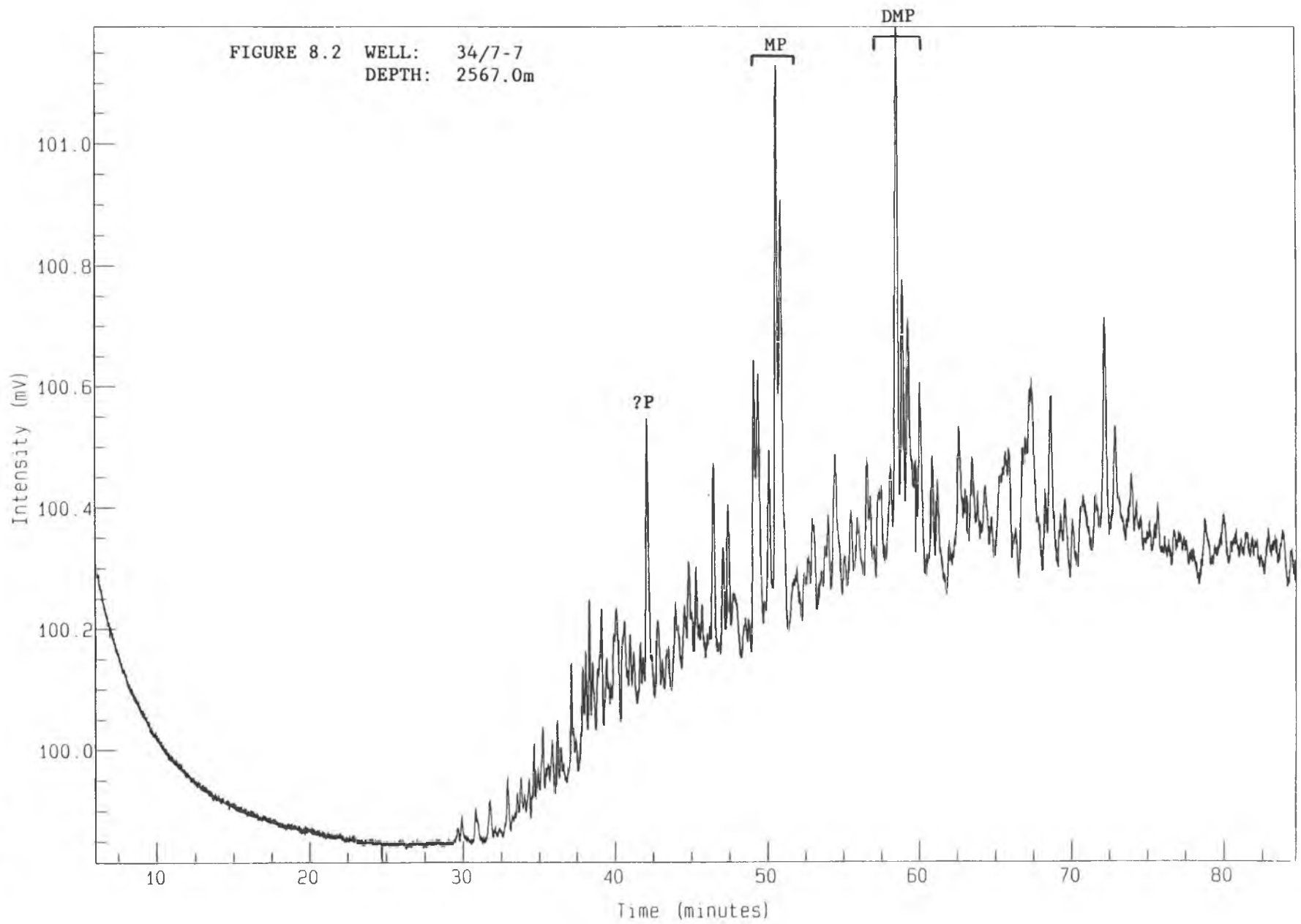
SIMON LABORATORIES

Analysis Name : 9 A92H0063R0, 1, 1.

92H 63 SAGA 34/7-3

Amount : 1.000

AROMATIC GC

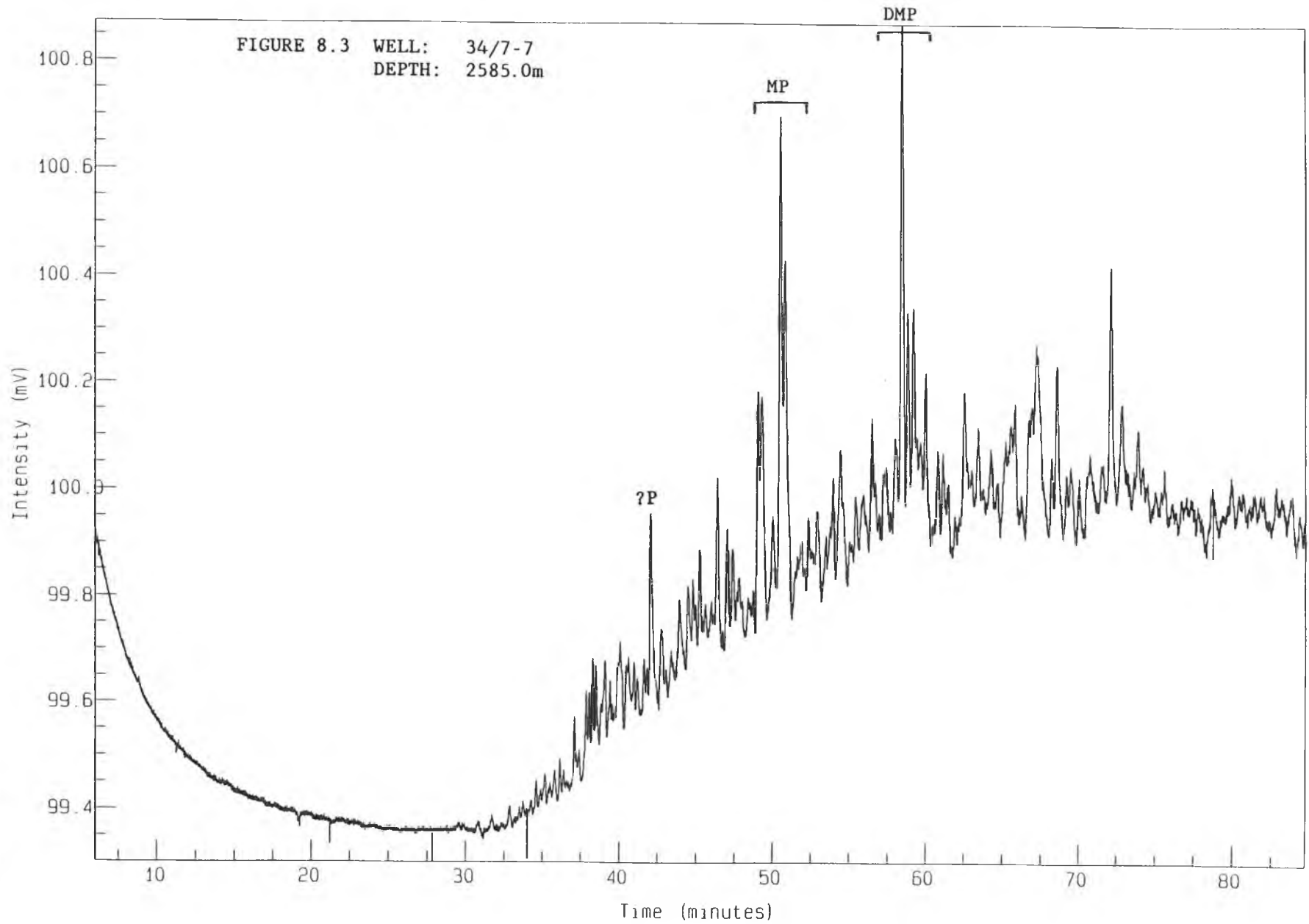


SIMON LABORATORIES

Analysis Name : 9 A92H0065R0, 1, 1.

92H 65 SAGA 34/7-7 Amount : 1.000

AROMATIC GC

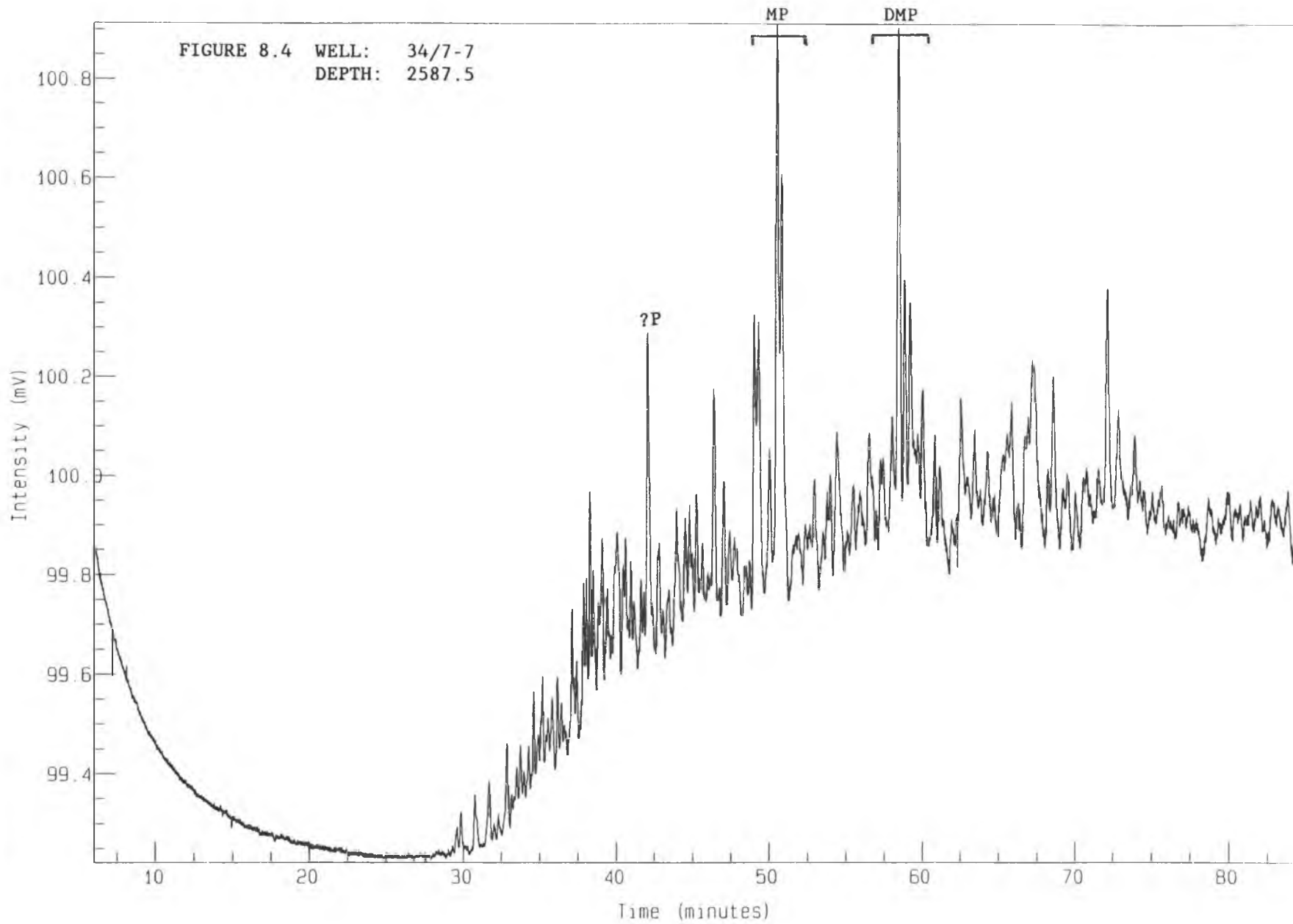


SIMON LABORATORIES

Analysis Name : 9 A92H0067R0.1.1.

92H 67 SAGA 34/7-7 Amount : 1.000

AROMATIC GC

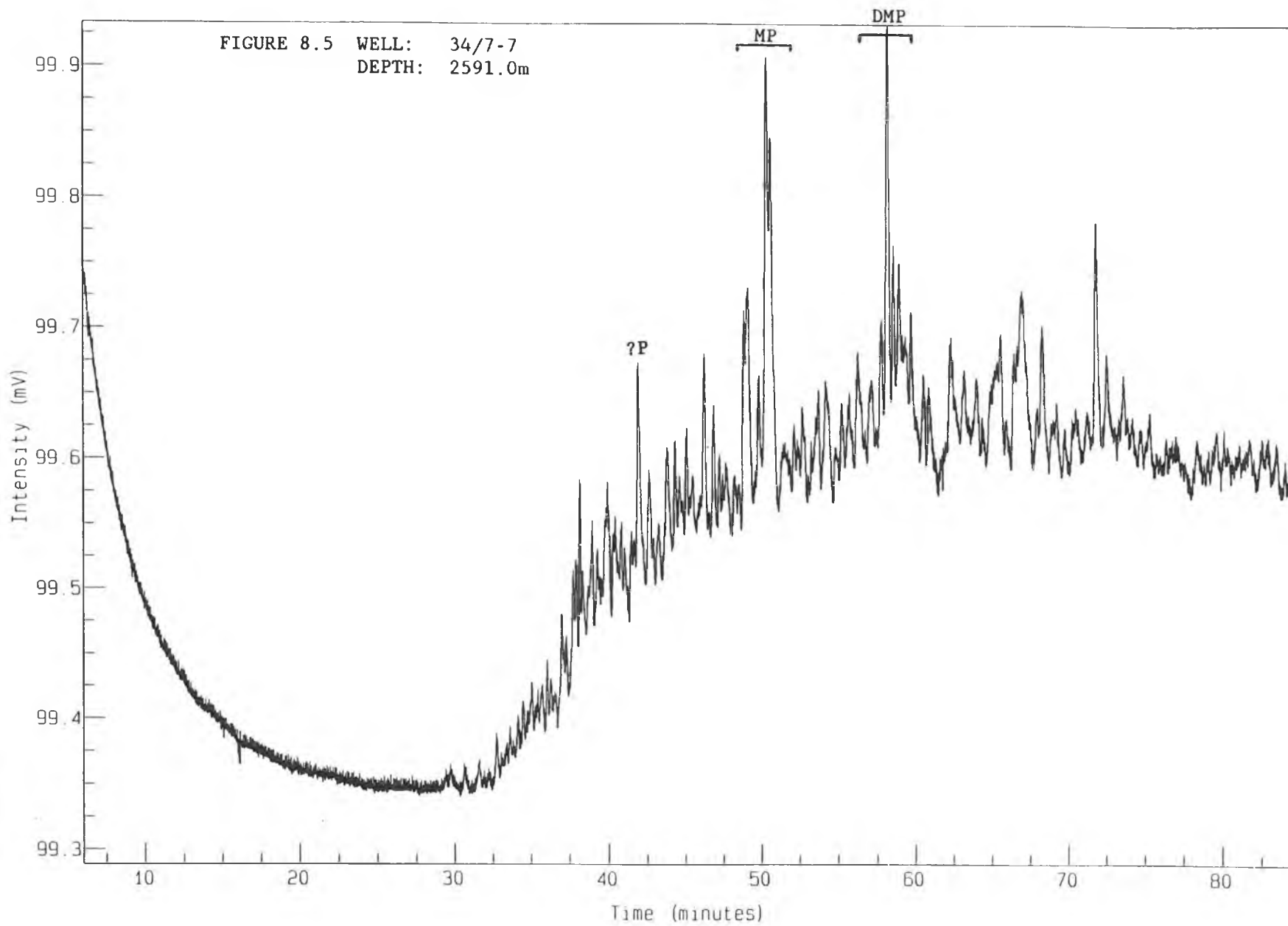


SIMON LABORATORIES

Analysis Name : 9 A92H0069R0, 1, 1.

92H 59 SAGA 34/7-7 Amount : 1.000

AROMATIC GC



SIMON LABORATORIES

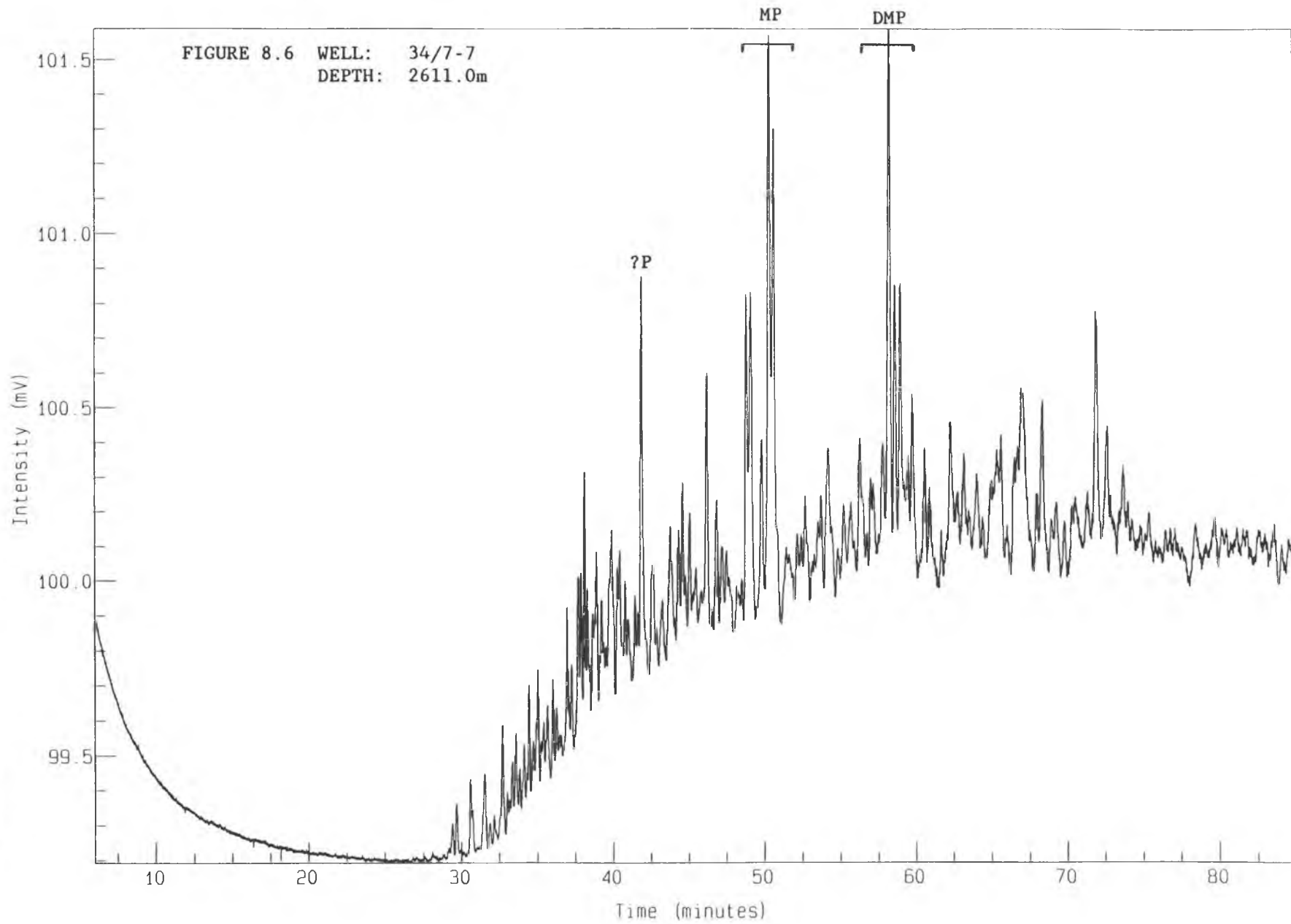
Analysis Name : 9 A92H0072R0, 1, 1.

92H 72 SAGA 34/7-7

Amount : 1.000

AROMATIC GC

Page 1 (of 2)

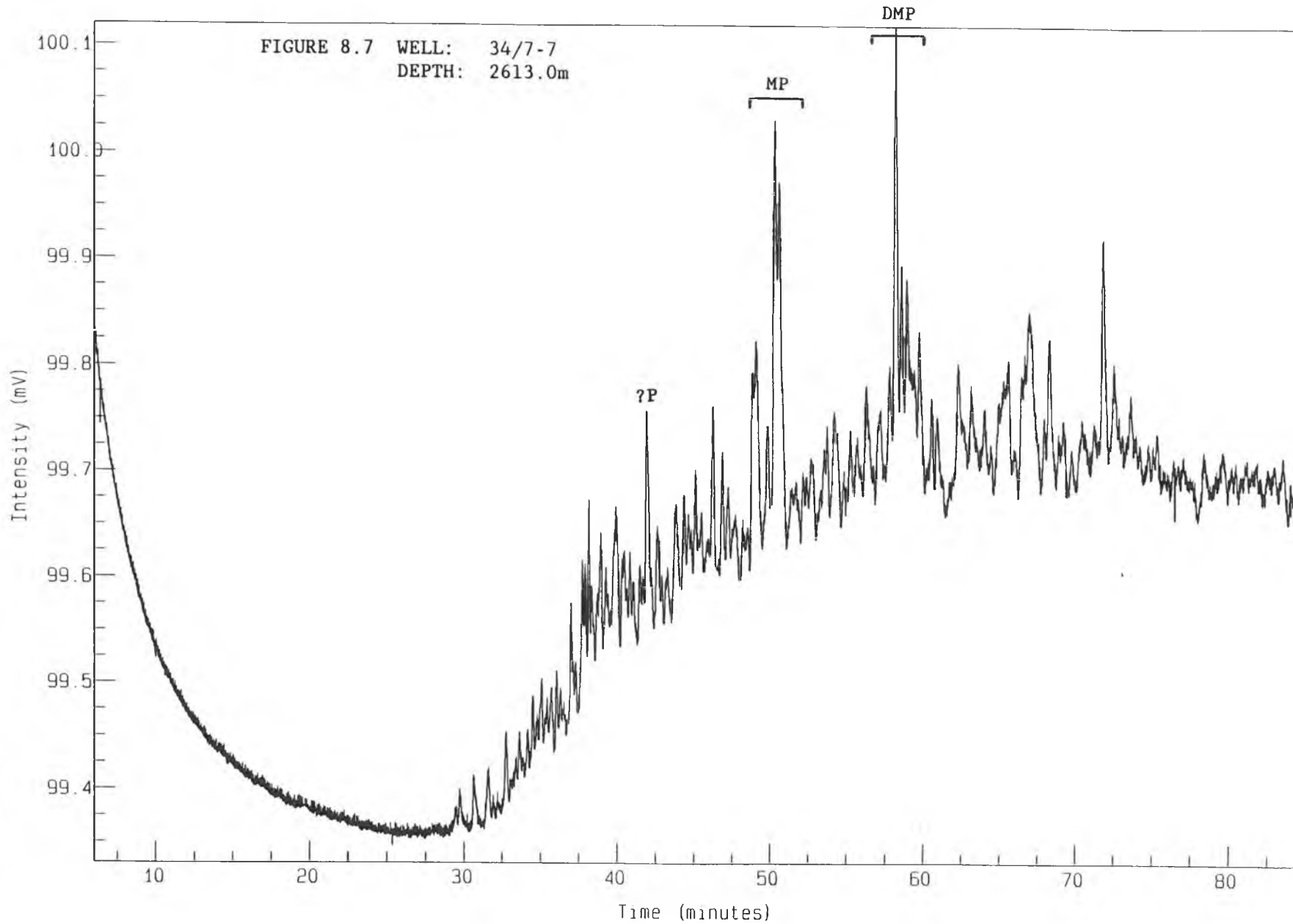


SIMON LABORATORIES

Analysis Name : 9 A92H0074R0, 1, 1.

92H 74 SAGA 34/7-7 Amount : 1.000

AROMATIC GC



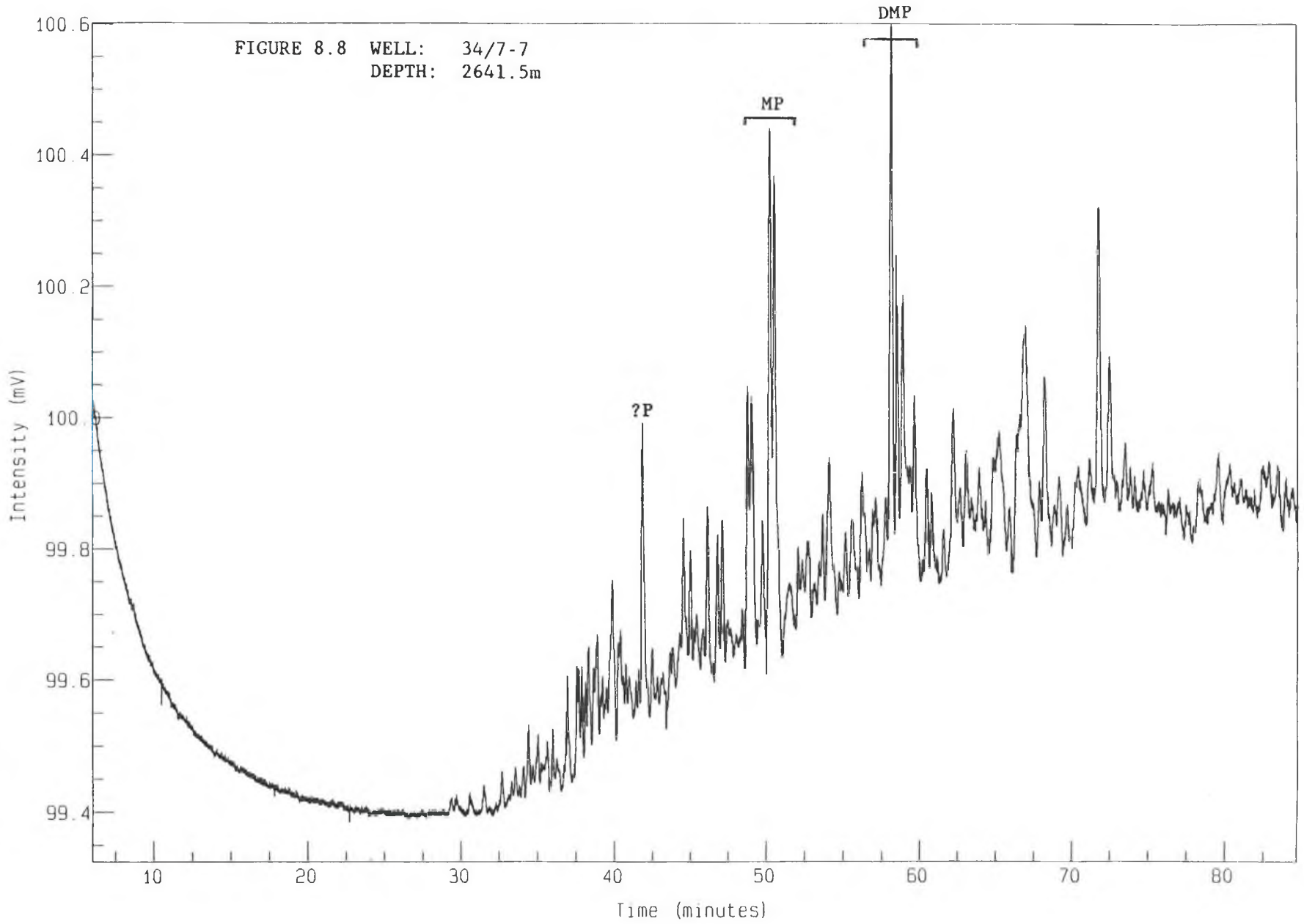
SIMON LABORATORIES

Analysis Name : 9 A92H0077R2, 1, 1.

92H 77 SAGA 34/7-7 Amount : 1.000

AROMATIC GC

Page 1 (of 2)



SIMON LABORATORIES

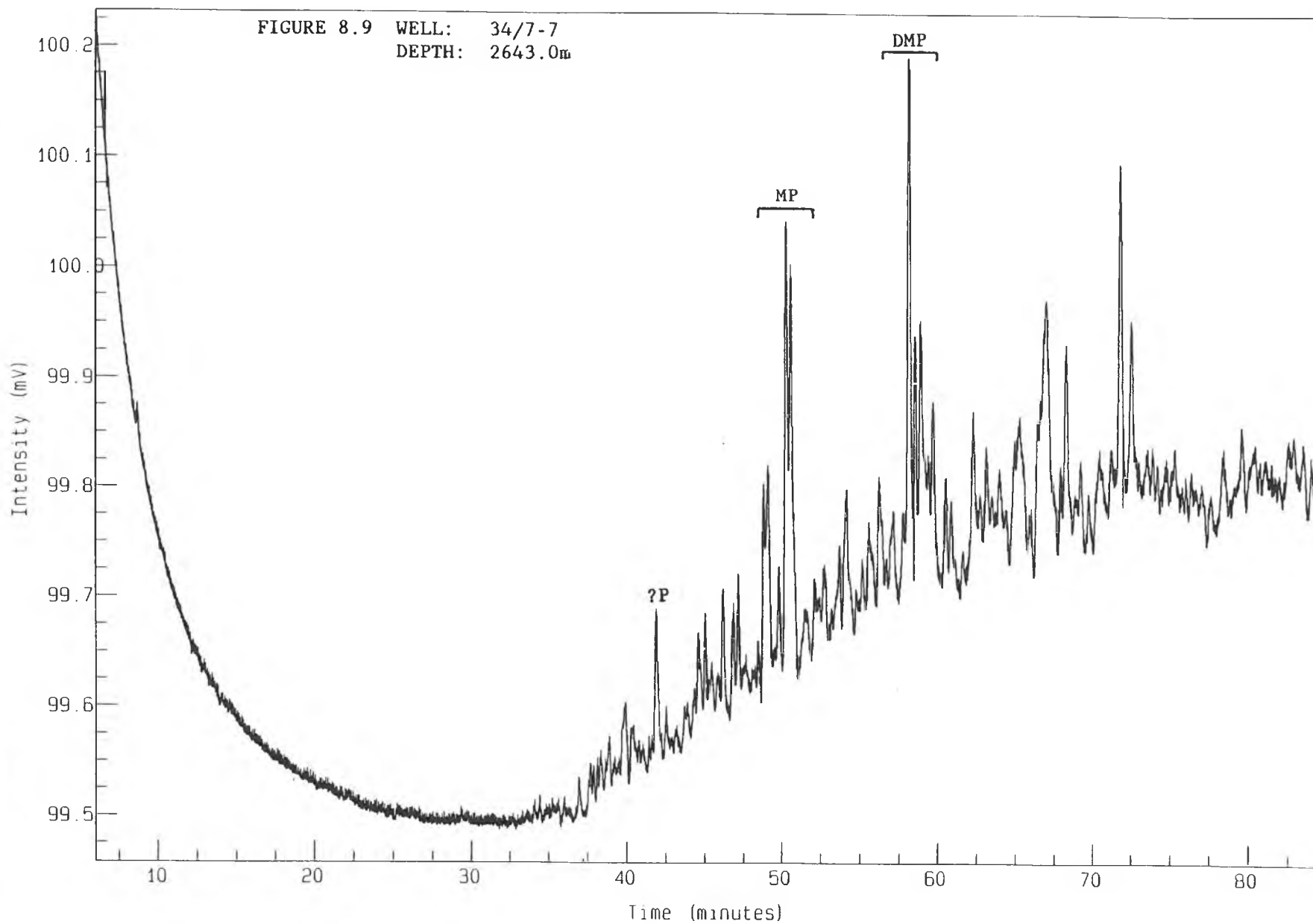
Analysis Name : 9 A92H0078R1, 1, 1.

92H 78 SAGA 34/7-7

Amount : 1.000

AROMATIC GC

Page 1 (of 2)

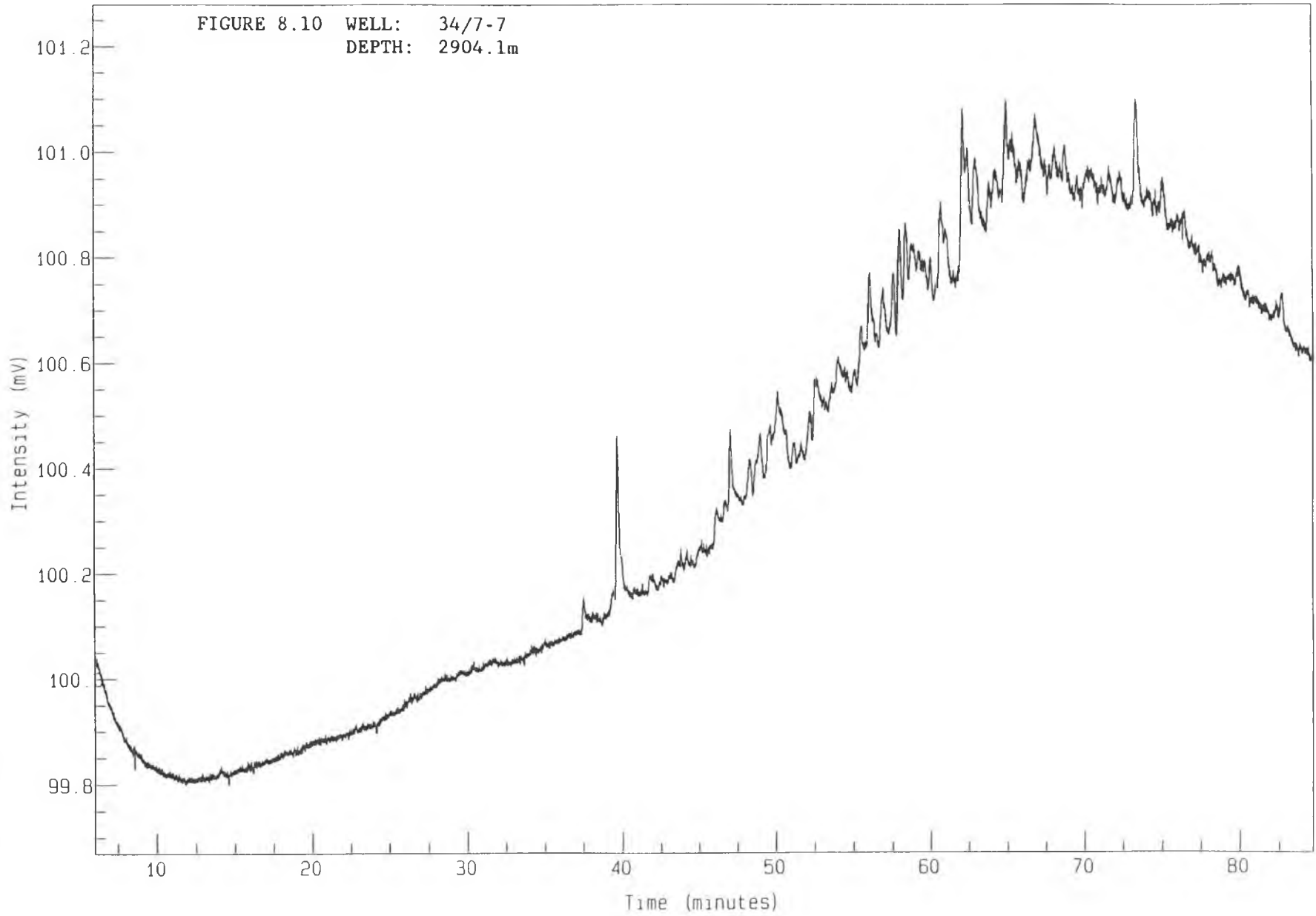


SIMON LABORATORIES

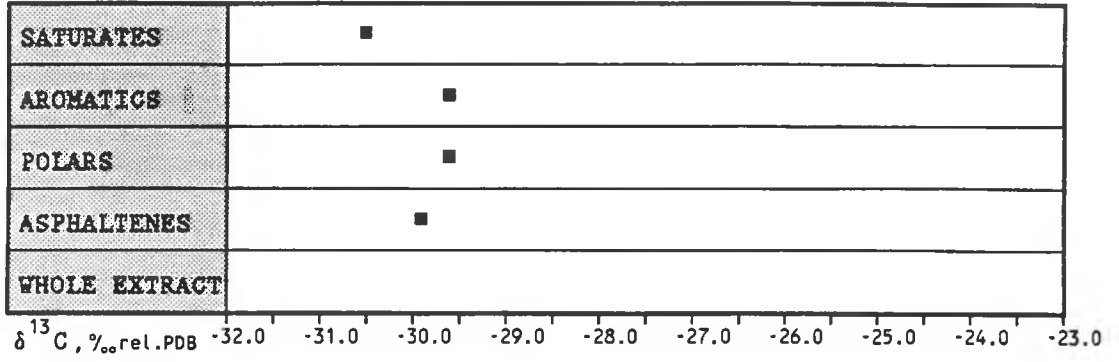
Analysis Name : 9 A92H0080R1, 1, 1.

92H 80 SAGA 34/7-7 Amount : 1.000

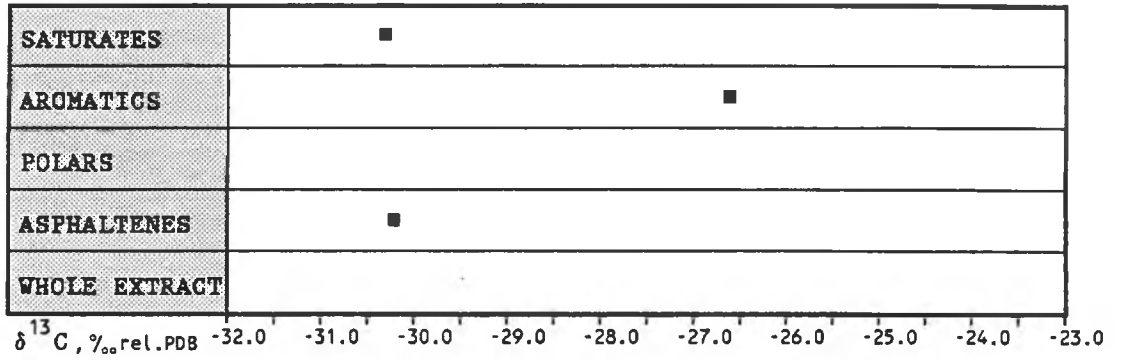
AROMATIC GC



DEPTH: 2641.5



DEPTH: 2643.0



GALIMOV PLOT OF CARBON ISOTOPE DATA
FIGURE 9

GEOCHEMISTRY OF THE 34/7-7 WELL

Figure 10SATURATE FRACTION GAS CHROMATOGRAPHY - MASS SPECTROMETRY DATA

Figure	Sample No.	Depth
10.1	92H 61	2563.0m
10.2	92H 63	2567.0m
10.3	92H 65	2585.0m
10.4	92H 67	2587.5m
10.5	92H 69	2591.0m
10.6	92H 72	2611.0m
10.7	92H 74	2613.0m
10.8	92H 77	2641.5m
10.9	92H 78	2643.0m
10.10	92H 80	2904.1m

Figure 10.1

SATURATE MASS FRAGMENTOGRAMS

DEPTH: 2563.0m

SAMPLE NO.: 2H 61

Total Ion Current

M/Z 177

M/Z 191

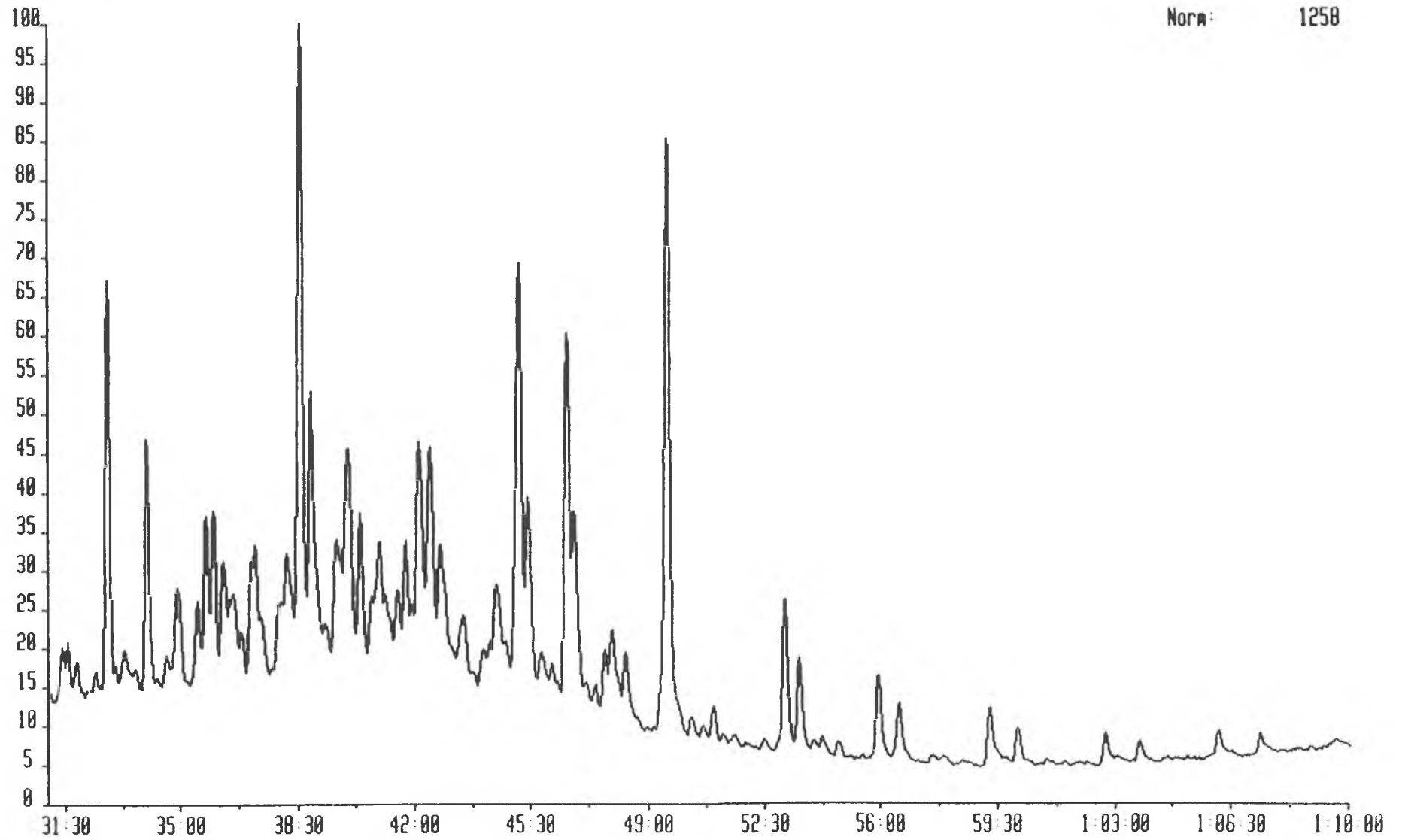
M/Z 217

M/Z 218

Quantification data

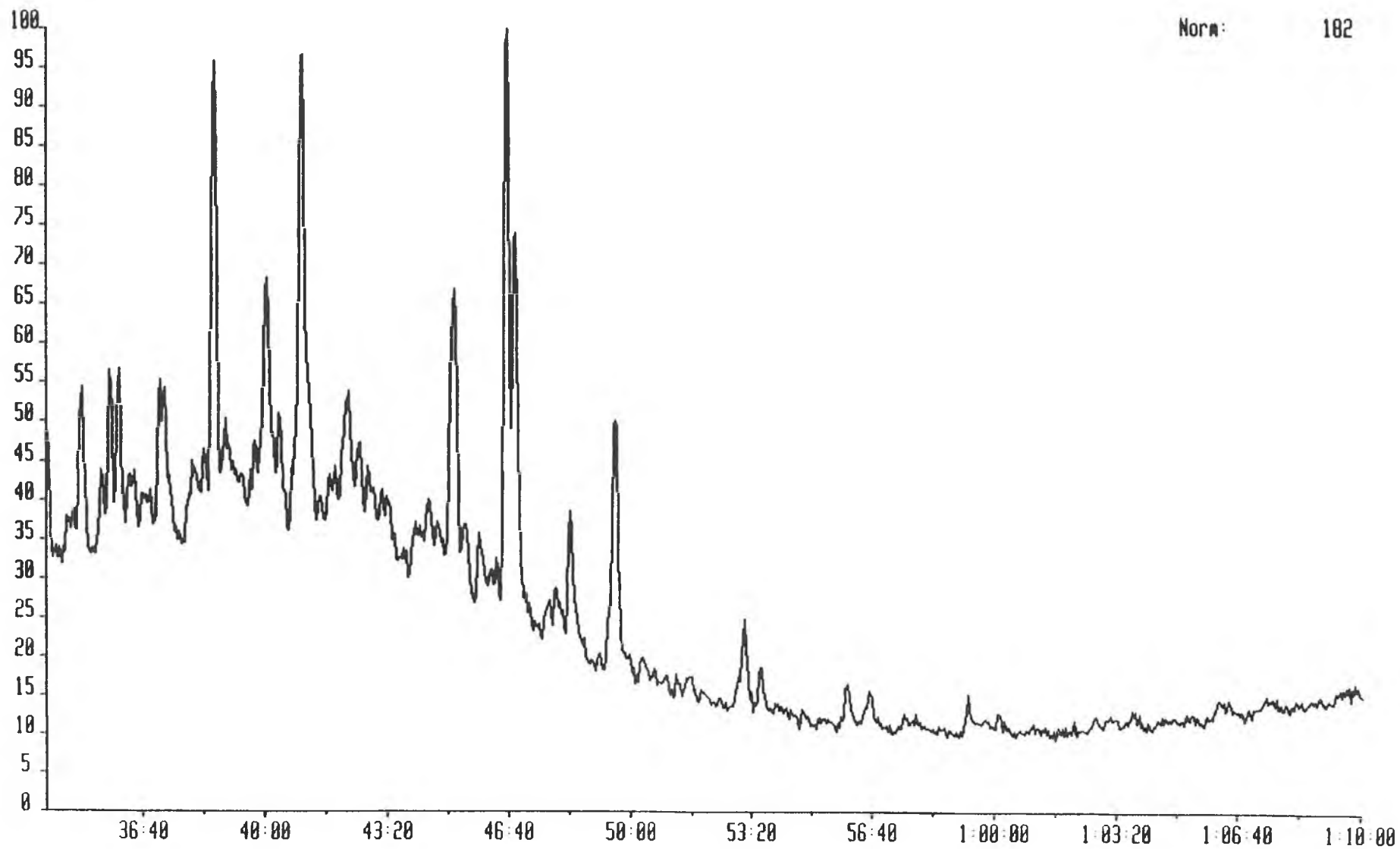
R 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 1 Injection 1 Group 1 TOTAL ION CURRENT
Text:92H 01 SATS

Norm: 1258

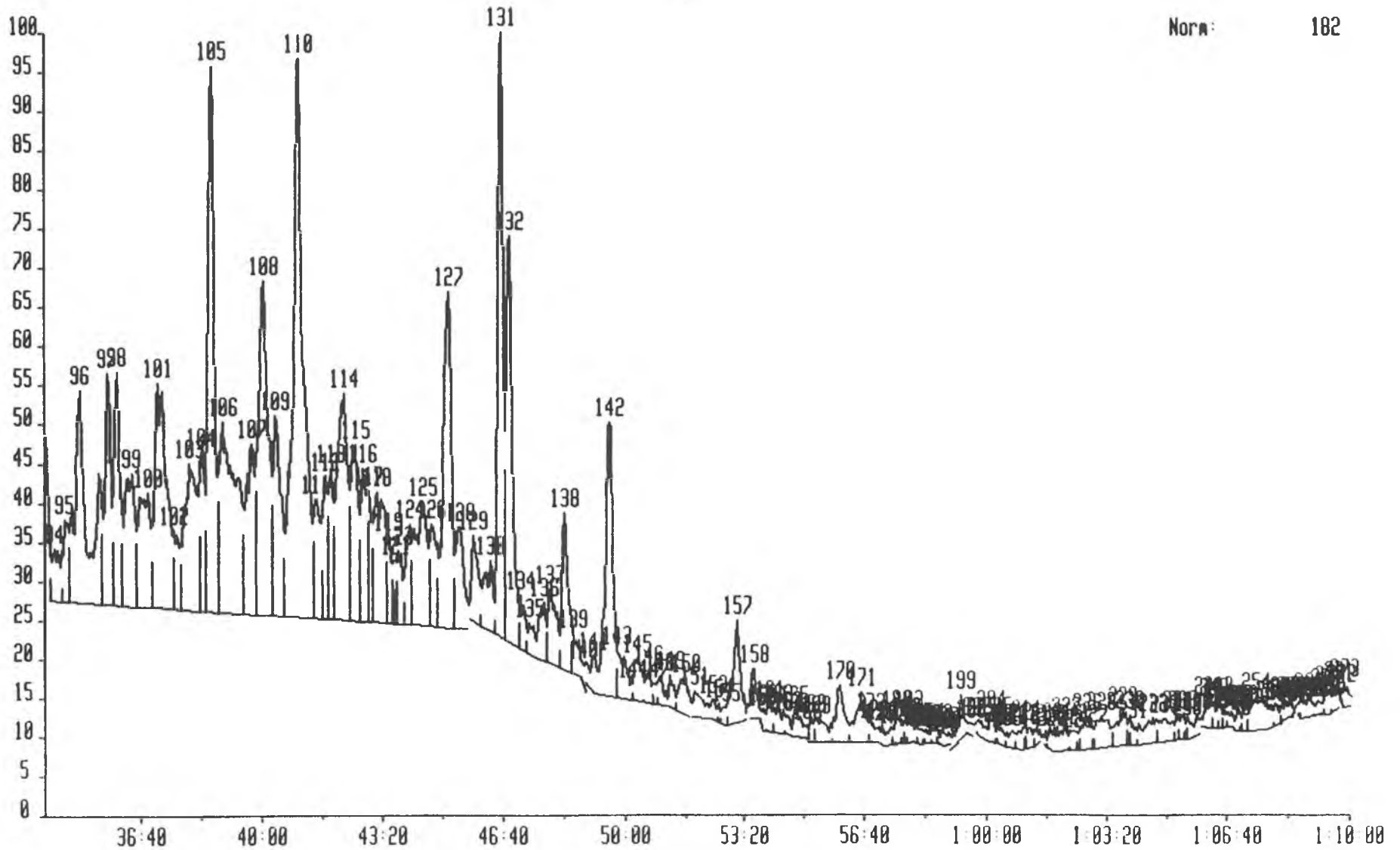


665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 1 Injection 1 Group 1 Mass 177.1798
Text:92H 61 SATS

Norm: 182

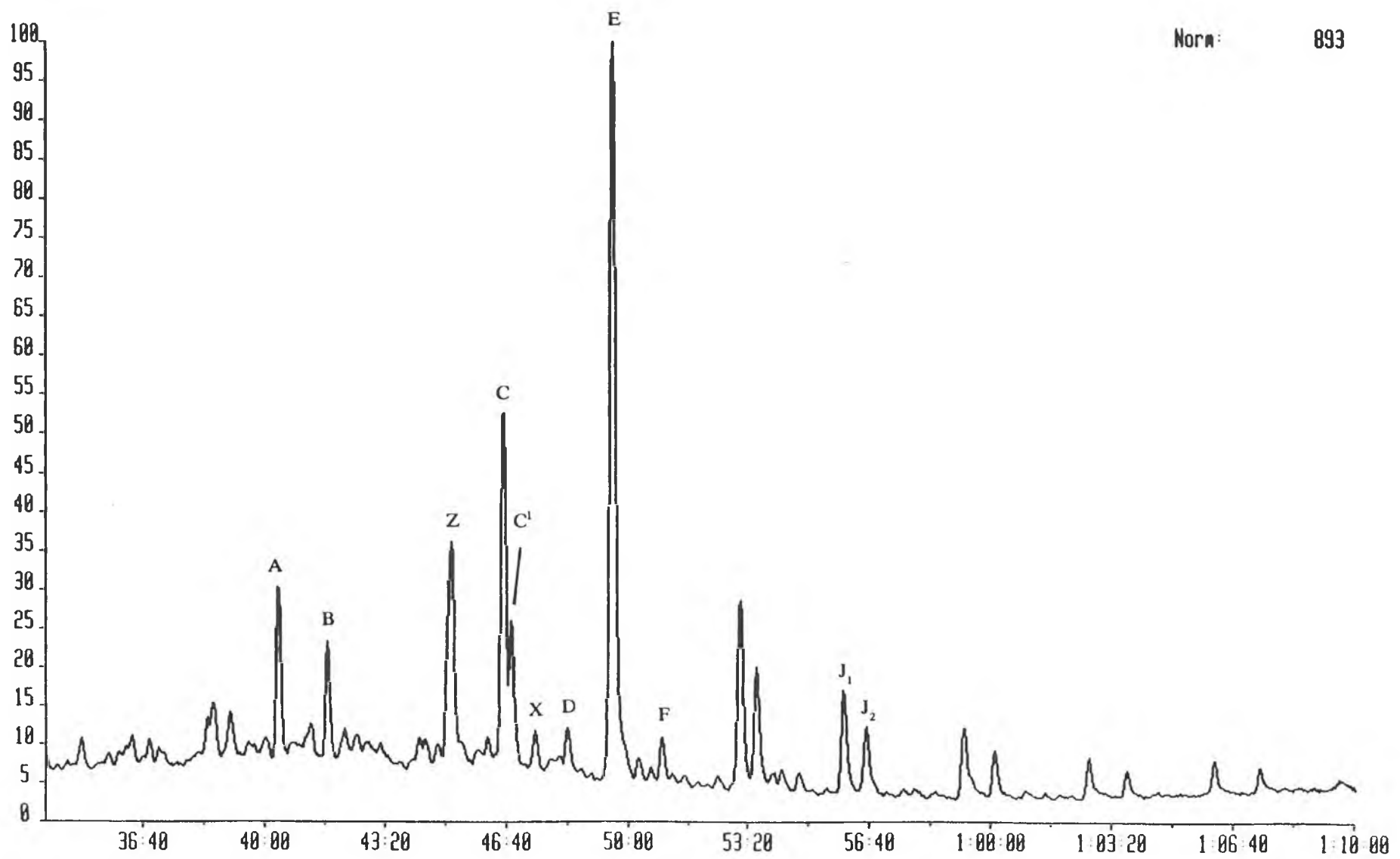


6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 1 Injection 1 Group 1 Mass 177.1798
Text:92H 61 SATS

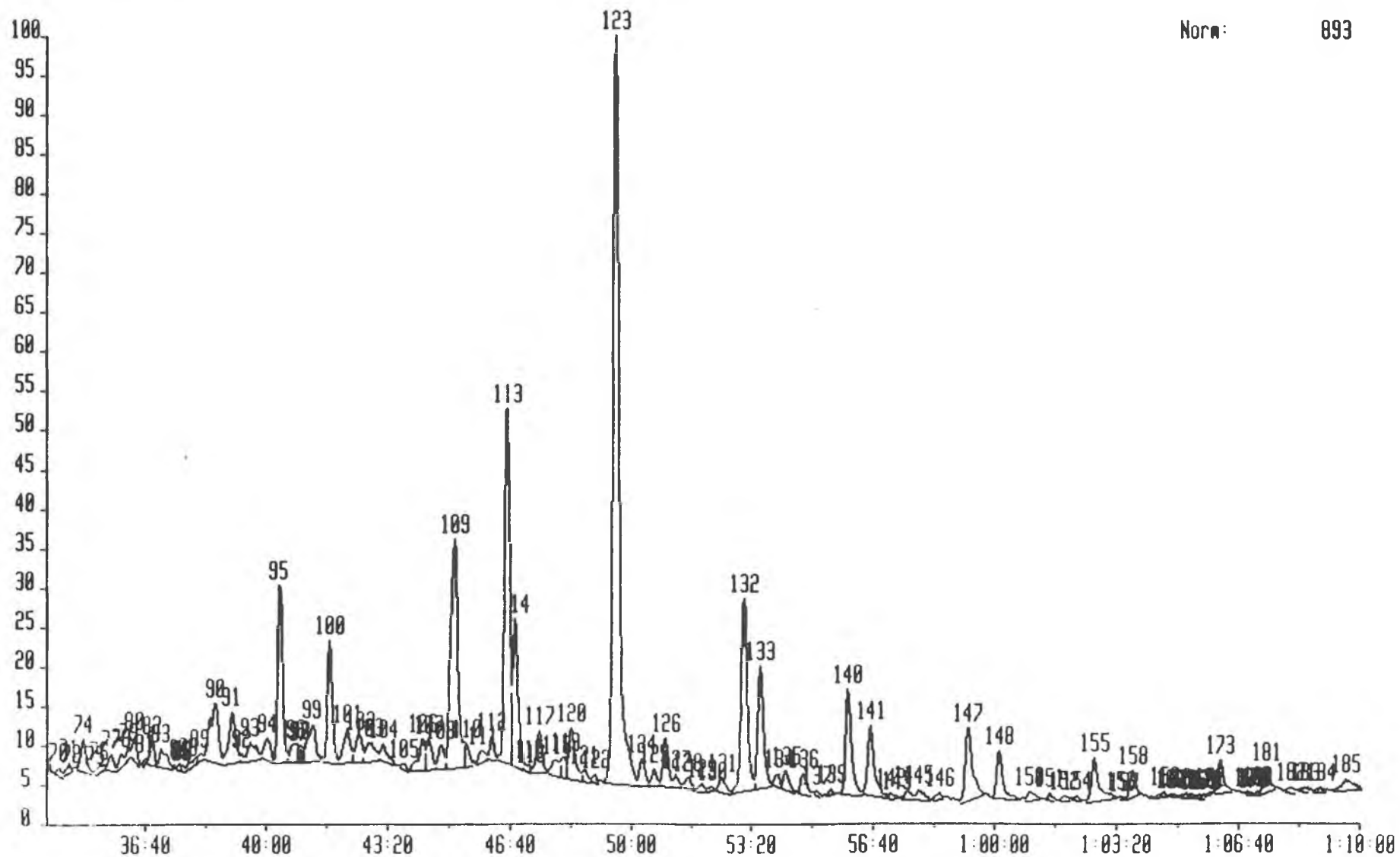


6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 1 Injection 1 Group 1 Mass 191.1790
Text:92H 61 SATS

Norm: 893



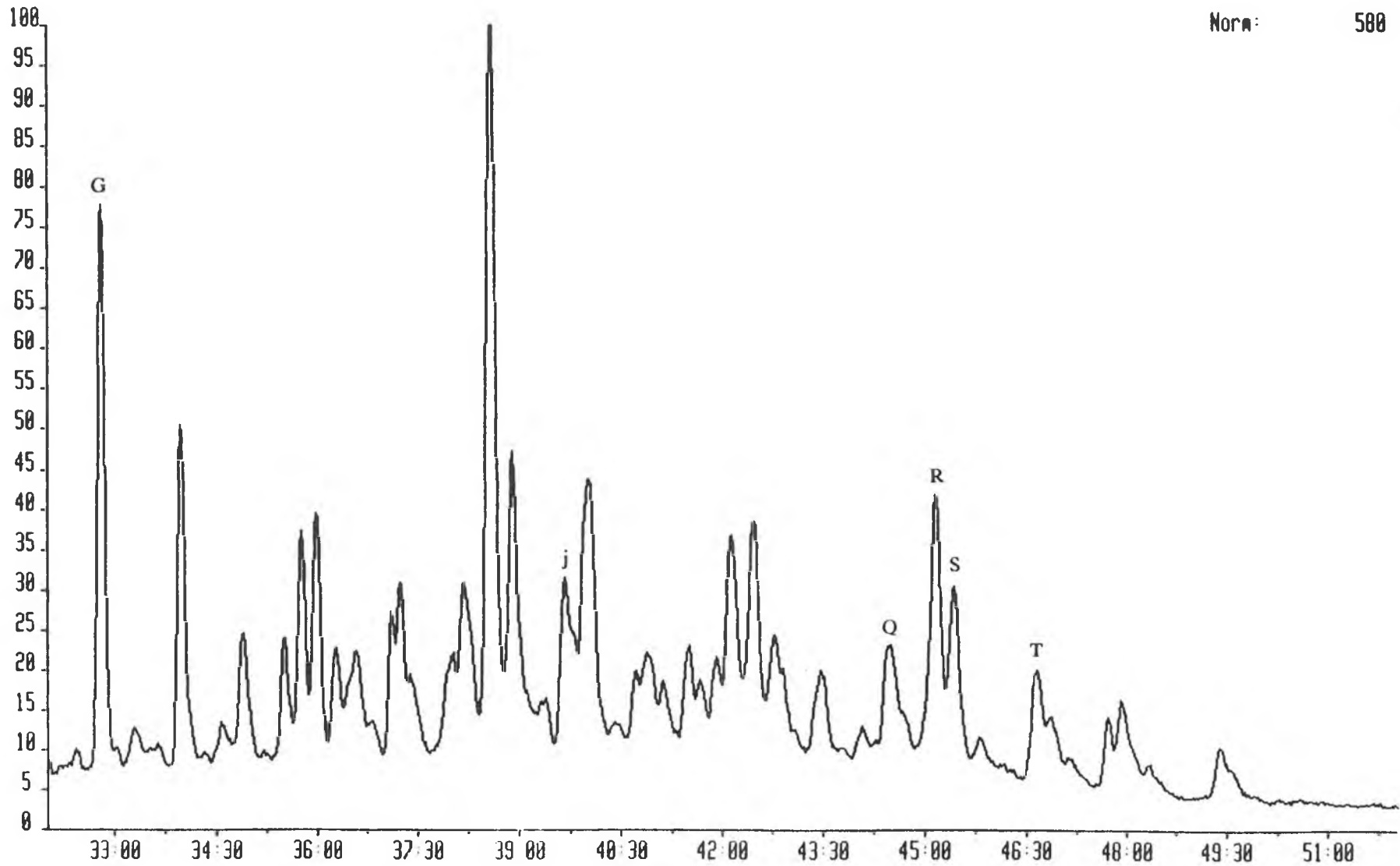
665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 1 Injection 1 Group 1 Mass 191.1798
Text:92H 61 SATS



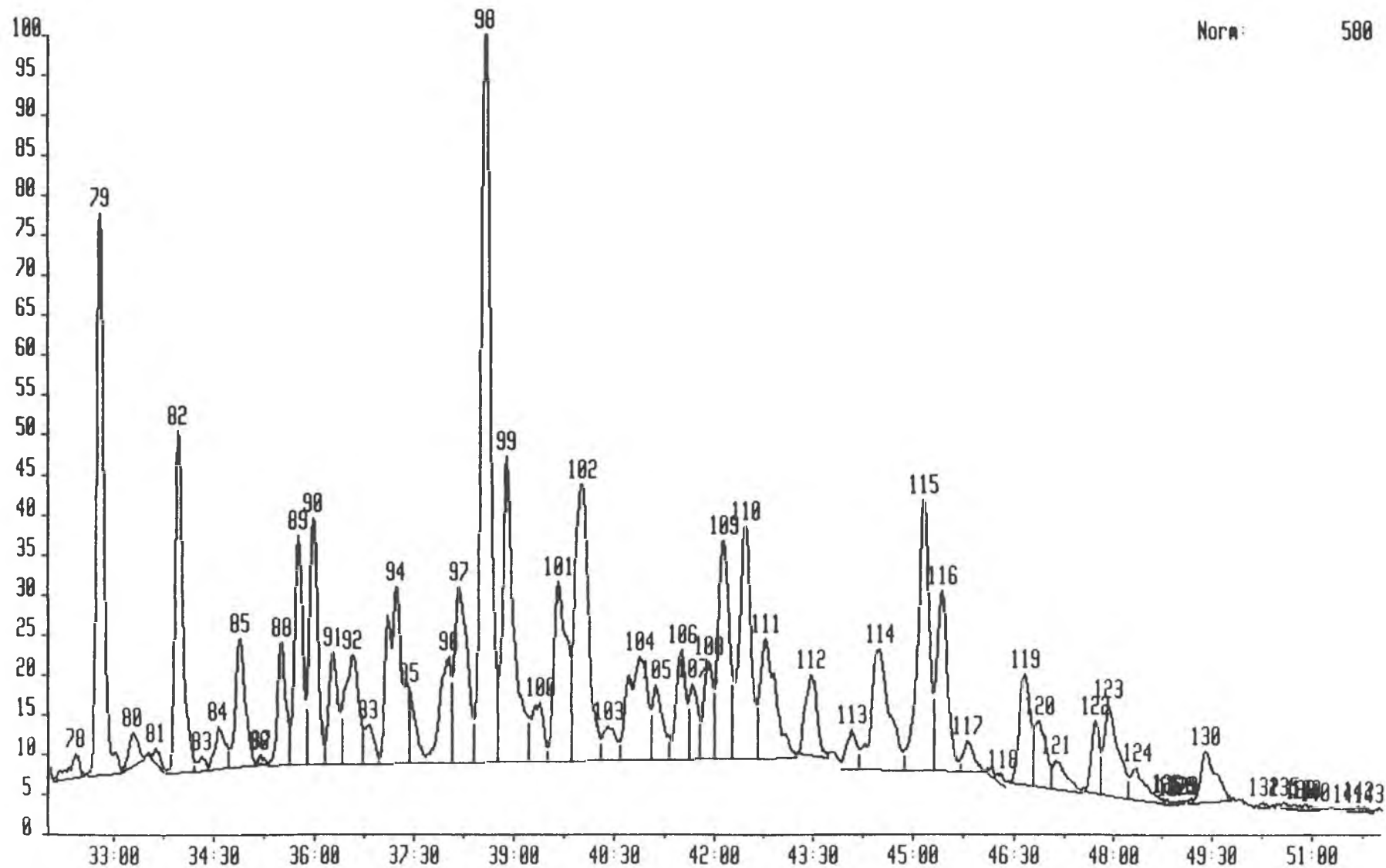
Norm: 893

6656C 30-SEP-92 Str:Voltage 70H Sys: SATS1
Sample 1 Injection 1 Group 1 Mass 217.1956
Text:92H 61 SATS

Norm: 500

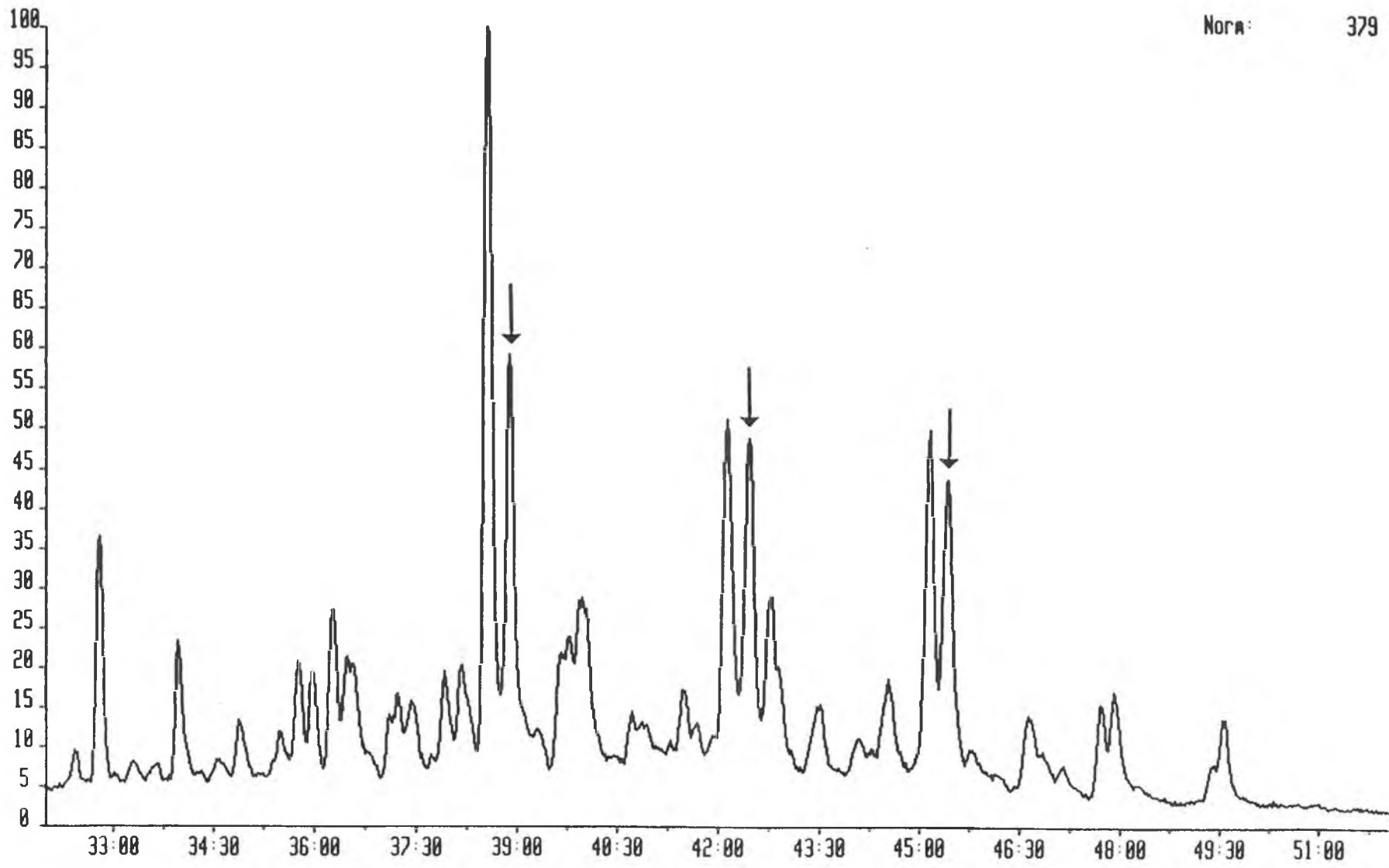


665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 1 Injection 1 Group 1 Mass 217.1956
Text:92H 61 SATS

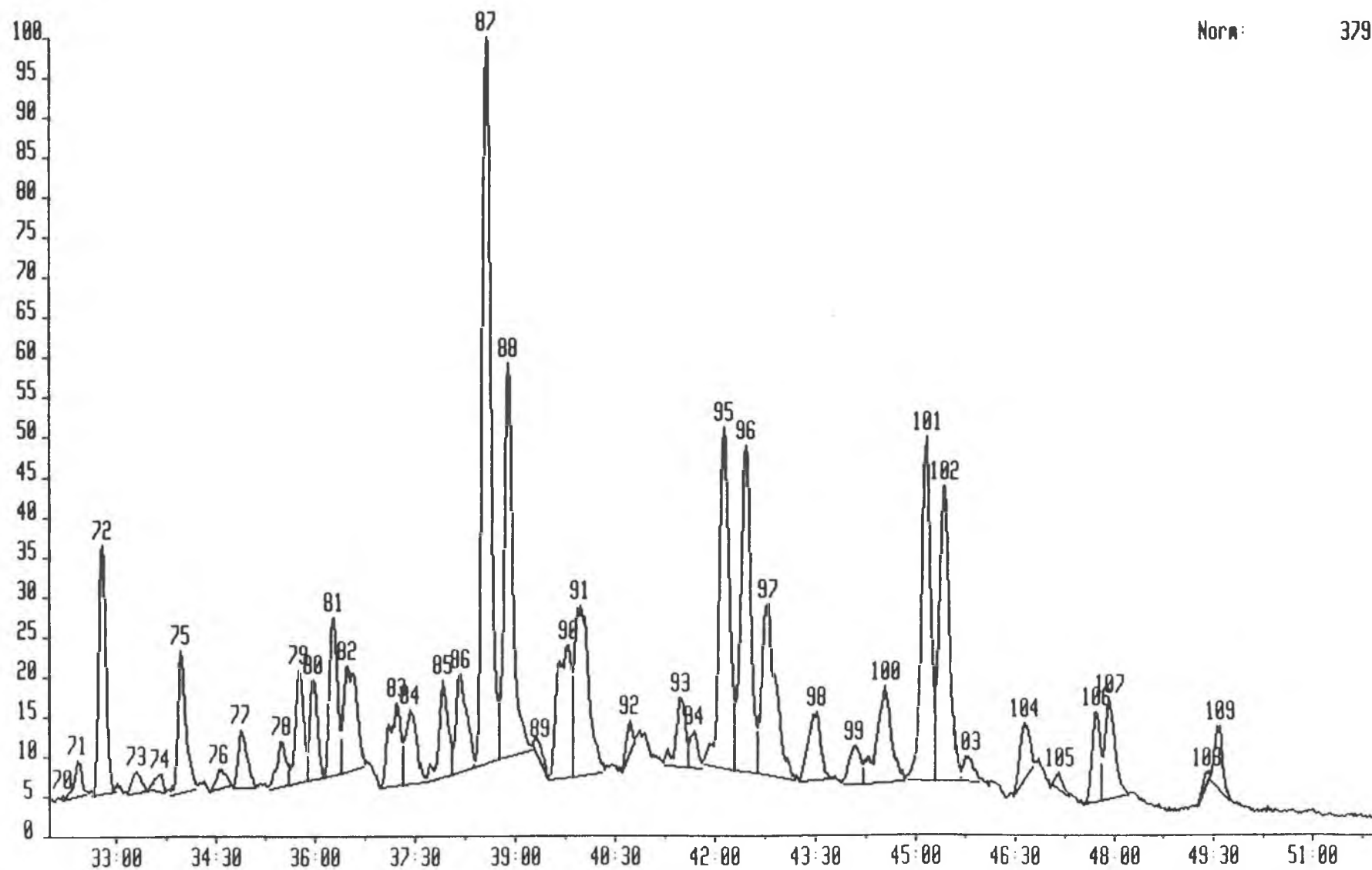


6656C 30-SEP-92 Str:Voltage 70H Sys: SATS1
Sample 1 Injection 1 Group 1 Mass 210.2034
Text:92H 61 SATS

Norm: 379



6656C 30-SEP-92 Str:Voltage 70H Sys: SATS1
Sample 1 Injection 1 Group 1 Mass 210.2034
Text:92H 61 SATS



Norm: 379

92H61

Mass	Ret. Time	Scan	No.	Peak Area	Peak Height
=====	=====	=====	=====	=====	=====
177.1798		0		0.00	0.00
	0 34 15	3582	94	149.48	12.06
	0 34 32	3616	95	187.06	19.02
	0 34 58	3669	96	1056.86	49.55
	0 35 43	3762	97	534.61	53.93
	0 35 59	3794	98	500.71	54.35
	0 36 24	3845	99	538.33	30.94
	0 36 51	3899	100	532.53	26.58
	0 37 6	3931	101	1042.56	52.55
	0 37 34	3987	102	186.22	18.36
	0 37 59	4039	103	707.36	34.11
	0 38 18	4077	104	289.59	37.15
	0 38 34	4110	105	1395.16	127.07
	0 38 53	4150	106	1218.88	44.42
	0 39 42	4249	107	618.27	39.67
	0 40 0	4285	108	1303.21	77.83
	0 40 21	4328	109	556.84	46.59
	0 40 58	4404	110	2392.29	130.19
	0 41 27	4464	111	327.97	27.86
	0 41 44	4497	112	295.33	33.17
	0 41 53	4517	113	260.76	35.32
	0 42 13	4557	114	929.01	53.06
	0 42 33	4597	115	560.22	41.03
	0 42 44	4621	116	374.87	35.75
	0 42 55	4643	117	185.53	30.58
	0 43 8	4669	118	543.18	30.32
	0 43 27	4709	119	148.57	20.35
	0 43 40	4735	121	50.84	14.93
	0 43 46	4746	123	146.80	17.12
	0 44 4	4784	124	210.33	23.54
	0 44 25	4826	125	601.02	28.94
	0 44 40	4857	126	253.90	23.86
	0 45 8	4914	127	1129.76	78.37
	0 45 27	4954	128	295.60	23.65
	0 45 50	4999	129	207.72	20.27
	0 46 16	5054	130	201.40	16.37
	0 46 34	5090	131	1178.93	141.16
	0 46 48	5118	132	975.96	94.73
	0 47 8	5159	134	101.10	12.47
	0 47 22	5187	135	61.15	7.27
	0 47 45	5235	136	144.25	13.85
	0 47 54	5254	137	230.39	17.17
	0 48 19	5305	138	383.74	36.70
	0 48 33	5333	139	85.29	9.24
	0 48 50	5368	140	17.86	4.73
	0 49 7	5403	141	46.21	8.30
	0 49 32	5454	142	773.34	63.86
	0 49 45	5479	143	146.46	10.93
	0 50 10	5530	144	8.82	3.86
	0 50 19	5549	145	105.75	9.87
	0 50 38	5587	146	71.80	7.84
	0 50 47	5607	147	21.18	4.86
	0 50 57	5627	148	46.74	6.81
	0 51 14	5661	149	43.94	7.63
	0 51 39	5713	150	114.21	8.67
	0 51 53	5740	151	92.50	6.13
	0 52 24	5805	152	24.47	4.92
	0 52 34	5825	154	10.29	4.42
	0 52 46	5849	155	27.83	4.21
	0 53 6	5889	157	293.20	23.89

0	53	33	5944	158	94.49	11.68
0	53	44	5968	159	5.39	2.92
0	53	48	5976	160	11.81	5.23
0	54	0	6000	161	55.37	6.44
0	54	14	6028	162	59.73	5.73
0	54	28	6057	163	14.69	4.38
0	54	31	6064	164	17.61	4.25
0	54	39	6080	165	65.37	6.18
0	55	1	6124	166	11.22	3.22
0	55	9	6140	168	25.24	5.59
0	55	15	6154	169	87.60	5.11
0	55	56	6236	170	177.97	13.36
0	56	31	6309	171	177.09	11.55
0	56	47	6341	172	17.52	5.84
0	56	51	6350	173	18.51	3.98
0	57	1	6369	175	12.79	3.84
0	57	6	6380	176	15.21	4.75
0	57	19	6407	177	31.43	4.47
0	57	24	6416	179	6.81	3.70
0	57	30	6428	180	47.95	6.94
0	57	41	6451	181	15.96	4.91
0	57	43	6455	182	15.19	5.26
0	57	49	6467	183	39.07	6.62
0	58	0	6490	184	6.31	3.38
0	58	4	6497	185	18.00	3.82
0	58	10	6511	186	5.29	3.50
0	58	14	6519	188	5.07	2.86
0	58	17	6524	189	8.74	3.32
0	58	23	6536	190	8.95	2.68
0	58	27	6544	191	16.52	3.73
0	58	36	6564	192	6.66	3.62
0	58	39	6569	193	3.47	2.42
0	58	41	6574	194	3.16	1.68
0	58	46	6584	195	15.56	3.64
0	58	50	6591	196	8.21	2.48
0	58	56	6604	197	3.03	2.75
0	59	14	6641	199	79.03	10.39
0	59	31	6675	200	13.31	2.60
0	59	41	6696	202	1.93	3.05
0	59	49	6712	203	19.61	3.81
1	0	5	6745	204	58.17	6.42
1	0	13	6761	205	4.98	5.18
1	0	15	6766	206	4.16	3.76
1	0	21	6777	207	28.74	3.99
1	0	30	6795	208	9.06	3.52
1	0	40	6817	210	29.49	4.10
1	0	56	6850	211	34.25	4.98
1	0	59	6856	212	8.98	4.86
1	1	1	6860	214	46.76	6.07
1	1	21	6900	216	19.04	4.14
1	1	36	6931	217	4.51	3.60
1	1	43	6945	219	15.44	4.96
1	1	45	6949	220	11.98	4.42
1	1	55	6970	221	26.98	5.73
1	2	8	6995	222	50.75	7.00
1	2	23	7026	224	43.81	4.72
1	2	30	7040	225	11.24	3.70
1	2	44	7069	226	103.43	7.53
1	2	54	7090	227	13.57	4.74
1	3	7	7117	228	140.42	7.44
1	3	44	7192	229	110.40	8.19
1	3	56	7216	230	31.53	7.02
1	4	1	7227	231	34.44	4.79
1	4	35	7295	232	107.82	5.85
1	4	52	7331	233	98.19	5.49
1	5	13	7374	234	29.08	6.22

1	5	24	7395	236	39.47	5.89
1	5	30	7408	238	8.78	4.06
1	5	31	7411	239	14.56	5.16
1	5	47	7443	240	40.22	4.73
1	6	6	7482	241	57.65	6.36
1	6	15	7501	242	29.70	6.25
1	6	24	7519	243	6.54	6.44
1	6	26	7522	244	17.09	5.44
1	6	32	7535	245	24.33	4.29
1	6	40	7552	246	7.99	3.48
1	6	44	7560	247	5.69	3.46
1	6	48	7567	248	3.16	2.97
1	6	52	7575	249	4.93	1.84
1	6	57	7586	250	13.00	5.12
1	7	0	7591	251	10.66	4.49
1	7	5	7602	252	22.26	5.21
1	7	26	7645	254	163.12	7.81
1	7	51	7695	255	34.50	5.66
1	7	56	7707	256	32.19	5.60
1	8	5	7724	257	4.71	2.53
1	8	6	7727	258	4.65	4.17
1	8	14	7743	259	25.28	4.57
1	8	22	7759	260	7.76	3.93
1	8	25	7766	261	4.10	2.23
1	8	26	7768	262	2.41	1.97
1	8	36	7787	263	4.73	3.43
1	8	37	7789	264	5.41	4.31
1	8	51	7818	265	53.01	4.84
1	9	6	7850	266	15.92	3.05
1	9	9	7855	267	4.75	2.73
1	9	14	7866	268	10.16	2.99
1	9	19	7875	269	21.40	5.10
1	9	26	7889	270	9.15	5.56
1	9	38	7914	271	45.17	5.44
1	9	45	7928	272	3.77	3.55
1	9	50	7938	273	27.51	5.58
			0		0.00	0.00
0	34	18	3587	70	65.42	10.43
0	34	34	3620	71	58.70	10.19
0	34	38	3629	72	2.01	1.71
0	34	58	3669	74	314.79	37.01
0	35	18	3710	75	5.11	6.47
0	35	23	3721	76	71.78	8.35
0	35	43	3762	77	150.55	18.09
0	36	0	3796	78	111.78	15.44
0	36	12	3820	79	65.44	13.11
0	36	21	3839	80	174.42	28.23
0	36	38	3873	81	26.13	5.91
0	36	51	3899	82	191.45	29.47
0	37	4	3927	83	248.83	21.27
0	37	34	3988	84	13.73	7.13
0	37	37	3994	85	8.29	4.19
0	37	40	4000	86	5.56	5.00
0	37	41	4002	87	14.18	7.93
0	37	50	4021	88	89.52	7.96
0	38	8	4057	89	51.03	8.24
0	38	34	4110	90	953.47	67.80
0	39	1	4166	91	659.33	58.67
0	39	18	4199	92	45.31	9.88
0	39	33	4230	93	267.31	19.73
0	40	0	4285	94	261.23	24.78
0	40	21	4328	95	1512.46	202.18
0	40	48	4383	96	265.77	21.49
0	40	52	4392	97	52.32	17.49
0	40	56	4399	98	90.36	19.11
0	41	15	4438	99	534.80	41.77

191.1798

0	41	43	4496	100	1020.18	138.65
0	42	11	4554	101	408.45	38.48
0	42	32	4596	102	343.42	30.68
0	42	48	4629	103	307.76	21.52
0	43	12	4677	104	196.57	19.09
0	43	45	4745	105	46.03	7.51
0	44	15	4806	106	381.34	36.50
0	44	25	4827	107	316.73	34.34
0	44	44	4865	108	252.27	27.45
0	45	8	4915	109	3194.40	259.26
0	45	27	4954	110	196.60	25.80
0	45	53	5006	111	120.39	13.13
0	46	8	5037	112	161.24	25.36
0	46	33	5088	113	3166.98	402.19
0	46	47	5116	114	1533.96	167.65
0	47	10	5164	115	53.14	8.32
0	47	13	5169	116	10.97	5.14
0	47	26	5196	117	371.90	48.10
0	47	55	5255	118	246.08	18.70
0	48	8	5282	119	178.84	23.25
0	48	20	5306	120	630.58	57.45
0	48	39	5345	121	97.26	12.71
0	48	59	5385	122	53.63	9.81
0	49	32	5454	123	8342.48	849.62
0	50	16	5542	124	279.22	30.63
0	50	37	5585	125	167.22	19.14
0	50	55	5623	126	476.03	55.74
0	51	12	5658	127	111.37	14.10
0	51	32	5698	128	110.80	12.80
0	51	55	5744	129	62.76	8.54
0	52	12	5779	130	33.81	5.56
0	52	30	5816	131	194.64	16.67
0	53	5	5888	132	2149.71	219.22
0	53	31	5940	133	1288.93	138.44
0	54	1	6002	134	106.85	14.77
0	54	14	6028	135	223.64	21.51
0	54	43	6087	136	219.26	23.62
0	55	4	6131	137	17.00	6.15
0	55	28	6180	139	33.83	6.88
0	55	55	6235	140	1153.57	120.07
0	56	31	6309	141	858.15	79.36
0	57	5	6377	142	28.64	6.62
0	57	14	6396	143	8.30	4.06
0	57	34	6436	144	93.64	10.35
0	57	52	6473	145	144.70	11.01
0	58	26	6543	146	64.45	8.08
0	59	13	6639	147	981.30	83.27
1	0	5	6745	148	582.24	54.72
1	0	55	6846	150	112.90	10.75
1	1	29	6916	151	52.52	8.06
1	1	51	6961	152	43.82	5.49
1	2	12	7005	154	39.85	6.45
1	2	41	7063	155	591.47	49.16
1	3	25	7154	156	11.25	5.13
1	3	30	7164	157	1.17	1.25
1	3	44	7191	158	252.35	31.07
1	4	37	7299	159	55.46	5.95
1	4	47	7320	160	2.87	1.80
1	4	50	7326	162	15.04	3.64
1	5	12	7372	164	34.23	5.59
1	5	22	7392	166	22.22	4.97
1	5	27	7403	167	6.01	3.84
1	5	33	7414	168	27.30	5.03
1	5	37	7423	169	8.56	5.20
1	5	45	7439	170	6.52	2.47
1	5	49	7446	171	4.59	2.69

217.1956

1	5	51	7451	172	4.49	3.76
1	6	7	7483	173	351.67	37.73
1	6	54	7579	175	8.53	2.74
1	6	59	7590	176	5.17	3.27
1	7	3	7597	178	4.25	2.31
1	7	6	7604	179	5.62	3.63
1	7	9	7610	180	8.42	5.52
1	7	23	7638	181	268.15	29.29
1	8	3	7721	182	58.90	6.69
1	8	27	7769	183	43.59	6.52
1	8	54	7824	184	54.99	6.44
1	9	35	7909	185	222.72	13.10
			0		0.00	0.00
0	32	24	3355	78	187.12	17.85
0	32	46	3401	79	2880.52	408.53
0	33	16	3462	80	206.54	24.61
0	33	37	3505	81	63.91	12.12
0	33	57	3545	82	1859.41	248.39
0	34	18	3588	83	69.56	10.86
0	34	33	3618	84	296.33	30.89
0	34	52	3658	85	903.84	93.83
0	35	10	3693	86	12.15	5.95
0	35	11	3696	87	16.59	7.67
0	35	29	3733	88	676.80	89.93
0	35	45	3765	89	1332.70	166.76
0	35	57	3790	90	1458.05	178.75
0	36	16	3828	91	760.31	81.20
0	36	33	3864	92	1068.23	79.37
0	36	48	3893	93	272.03	29.03
0	37	14	3946	94	1954.55	128.76
0	37	25	3970	95	328.00	54.65
0	38	0	4041	96	832.06	77.22
0	38	9	4060	97	1687.20	127.50
0	38	33	4108	98	4771.01	528.80
0	38	52	4147	99	2596.47	222.07
0	39	22	4209	100	512.72	43.39
0	39	39	4242	101	1691.63	131.24
0	40	0	4286	102	2738.20	201.14
0	40	24	4334	103	304.18	24.98
0	40	51	4390	104	1448.58	75.34
0	41	6	4420	105	546.19	54.27
0	41	29	4468	106	810.70	79.79
0	41	39	4488	107	440.32	54.84
0	41	54	4518	108	635.86	71.94
0	42	7	4544	109	1756.33	159.81
0	42	27	4585	110	2117.23	169.60
0	42	45	4623	111	1343.57	87.81
0	43	27	4708	112	680.70	59.08
0	44	4	4783	113	259.83	29.09
0	44	28	4833	114	1635.35	88.07
0	45	7	4913	115	2260.89	197.04
0	45	25	4948	116	1387.52	131.85
0	45	47	4994	117	213.04	22.44
0	46	18	5058	118	57.07	7.48
0	46	39	5100	119	914.06	81.08
0	46	52	5126	120	571.69	48.45
0	47	6	5156	121	278.31	21.34
0	47	43	5230	122	430.32	53.34
0	47	54	5253	123	925.93	66.34
0	48	20	5307	124	341.55	22.64
0	48	47	5361	125	8.50	4.01
0	48	49	5365	126	5.95	3.86
0	48	52	5372	127	3.25	1.89
0	49	0	5387	128	6.23	2.93
0	49	1	5390	129	2.38	2.68
0	49	21	5431	130	562.14	37.40

218.2034

0 50 15	5541	132	19.28	3.77
0 50 33	5578	135	21.49	4.43
0 50 47	5607	138	18.31	3.96
0 50 53	5619	139	21.68	3.79
0 51 1	5634	140	5.59	1.89
0 51 30	5694	141	3.10	2.21
0 51 40	5714	142	34.29	4.02
0 51 49	5733	143	5.28	2.39
	0		0.00	0.00
0 32 11	3329	70	2.24	2.43
0 32 25	3357	71	120.74	17.21
0 32 47	3402	72	805.28	118.47
0 33 18	3465	73	81.40	10.28
0 33 39	3508	74	57.83	8.69
0 33 57	3545	75	518.57	67.62
0 34 32	3616	76	78.84	9.15
0 34 52	3657	77	232.78	27.53
0 35 29	3732	78	195.77	21.93
0 35 45	3765	79	421.90	53.92
0 35 57	3790	80	364.15	47.56
0 36 16	3828	81	589.15	75.46
0 36 28	3854	82	623.58	50.39
0 37 13	3944	83	447.31	39.33
0 37 25	3969	84	379.76	35.00
0 37 54	4029	85	386.58	45.98
0 38 10	4061	86	484.58	46.18
0 38 33	4108	87	2782.55	345.39
0 38 52	4147	88	1585.64	187.24
0 39 21	4206	89	60.63	8.28
0 39 46	4258	90	881.17	63.39
0 39 58	4281	91	1174.89	81.11
0 40 42	4372	92	92.83	16.22
0 41 28	4466	93	303.64	32.76
0 41 41	4492	94	132.62	18.19
0 42 7	4544	95	1602.99	162.03
0 42 27	4586	96	1540.36	155.48
0 42 46	4625	97	1107.16	81.82
0 43 30	4715	98	384.83	32.25
0 44 4	4784	99	191.61	18.36
0 44 32	4841	100	663.55	45.45
0 45 8	4914	101	1463.76	163.99
0 45 25	4948	102	1453.09	140.62
0 45 44	4987	103	120.52	12.08
0 46 37	5096	104	251.54	28.09
0 47 9	5161	105	52.93	8.21
0 47 42	5229	106	331.14	42.88
0 47 54	5253	107	465.15	47.67
0 49 21	5431	108	30.41	6.57
0 49 33	5455	109	223.76	30.75

259.2426

	0		0.00	0.00
0 32 22	3351	73	85.01	7.29
0 32 46	3401	74	1331.56	179.26
0 33 19	3468	75	189.63	12.77
0 33 36	3503	76	6.44	2.40
0 33 40	3511	77	4.81	2.01
0 33 58	3546	78	865.45	120.45
0 34 18	3587	79	23.36	5.09
0 34 33	3619	80	119.63	16.91
0 34 52	3657	81	237.54	21.14
0 35 10	3694	82	51.92	9.05
0 35 29	3733	83	179.13	24.76
0 35 44	3764	84	763.17	80.55
0 35 58	3791	85	675.24	79.81
0 36 17	3830	86	248.52	18.02
0 36 32	3862	87	108.59	13.84
0 36 50	3898	88	154.62	13.82

0 37 6	3930	89	1095.43	65.47
0 37 35	3989	90	63.33	9.38
0 38 0	4040	91	402.64	22.20
0 38 19	4079	92	113.09	16.65
0 38 33	4109	93	1656.48	167.32
0 38 53	4148	94	699.70	43.24
0 39 24	4212	95	164.10	16.11
0 39 45	4255	96	188.88	15.74
0 40 0	4286	97	897.99	76.51
0 40 25	4336	98	99.02	8.18
0 40 56	4399	99	754.29	32.82
0 41 29	4468	100	52.55	7.95
0 41 41	4491	101	154.62	14.95
0 41 52	4515	102	171.90	19.63
0 42 6	4543	103	287.14	19.60
0 42 29	4589	104	305.42	25.70
0 42 47	4626	105	172.47	14.02
0 43 6	4665	106	3.64	2.83
0 43 8	4669	107	1.61	1.75
0 43 17	4687	108	41.73	5.20
0 43 31	4717	110	6.12	2.26
0 43 35	4725	111	2.73	2.36
0 43 47	4750	112	67.05	12.11
0 44 5	4785	113	34.78	5.68
0 44 17	4810	114	3.99	2.27
0 44 27	4831	115	27.11	5.68
0 44 36	4849	116	54.49	5.68
0 45 8	4915	117	179.76	19.22
0 45 22	4943	118	121.01	11.40
0 45 50	4999	119	56.12	5.73
0 46 10	5040	120	114.98	8.85
0 46 34	5089	121	86.13	8.18
0 46 46	5114	122	24.14	4.25
0 47 4	5152	123	14.07	3.35
0 47 10	5163	124	2.64	2.15
0 47 23	5189	125	65.35	6.92
0 47 52	5248	126	107.40	7.31
0 48 2	5270	127	13.06	4.86
0 48 21	5309	128	164.07	9.08
0 48 37	5341	129	13.28	3.43
0 48 46	5360	130	34.99	4.33
0 49 9	5407	131	29.33	4.23
0 49 32	5454	132	145.83	12.67
0 49 47	5484	133	5.13	3.00
0 50 0	5510	134	18.39	3.69
0 50 28	5567	135	2.21	1.41
0 50 29	5570	136	2.47	2.18
0 50 37	5586	137	14.80	2.40
0 50 47	5606	138	18.27	2.72
0 50 57	5627	139	3.12	1.57
0 50 58	5629	140	3.27	1.34
0 51 4	5640	141	1.35	1.21
0 51 36	5707	142	47.87	2.73
0 51 57	5748	143	1.32	1.14
0 51 59	5754	144	2.11	1.63

Figure 10.2

SATURATE MASS FRAGMENTOGRAMS

DEPTH: 2567.0m

SAMPLE NO.: 2H 63

Total Ion Current

M/Z 177

M/Z 191

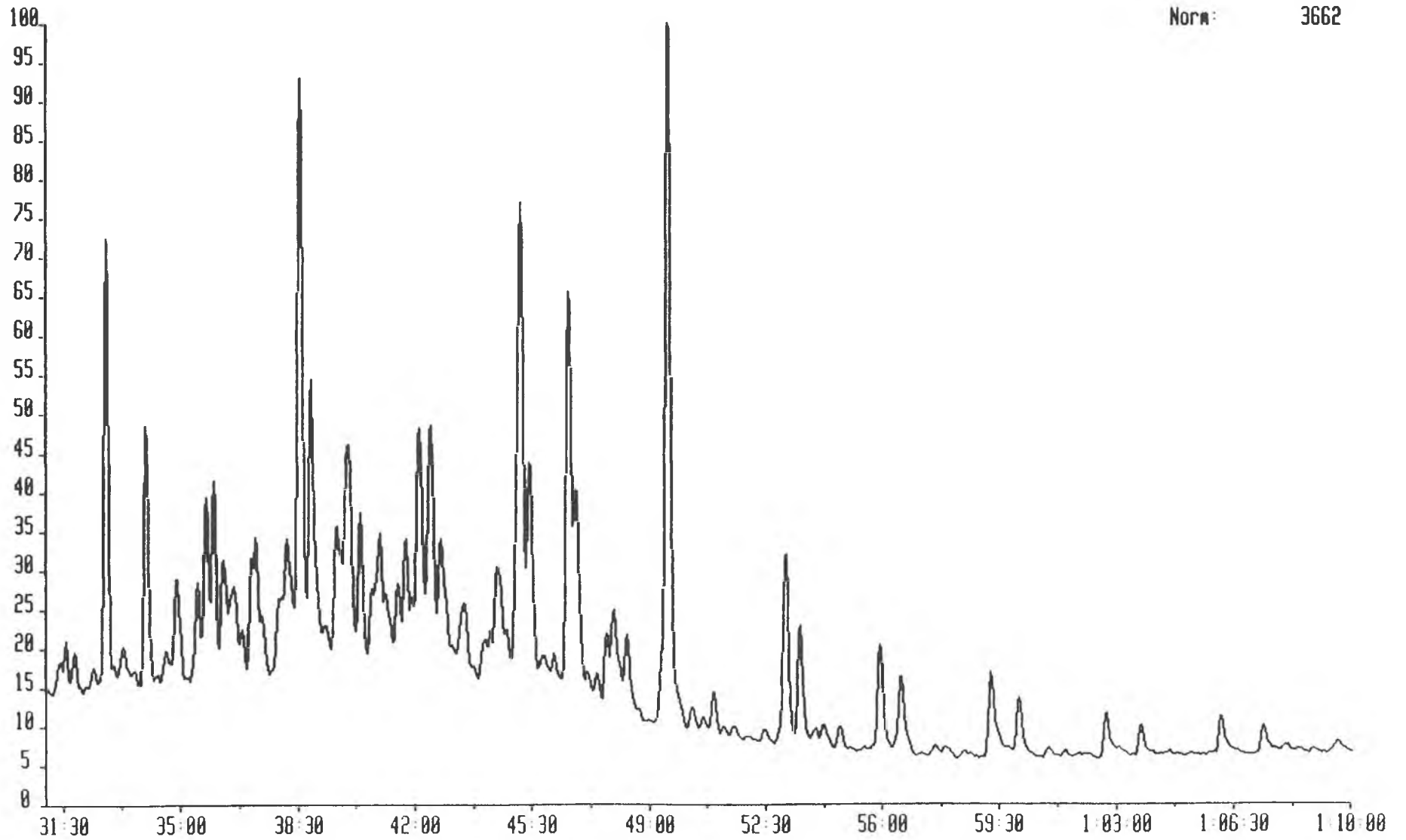
M/Z 217

M/Z 218

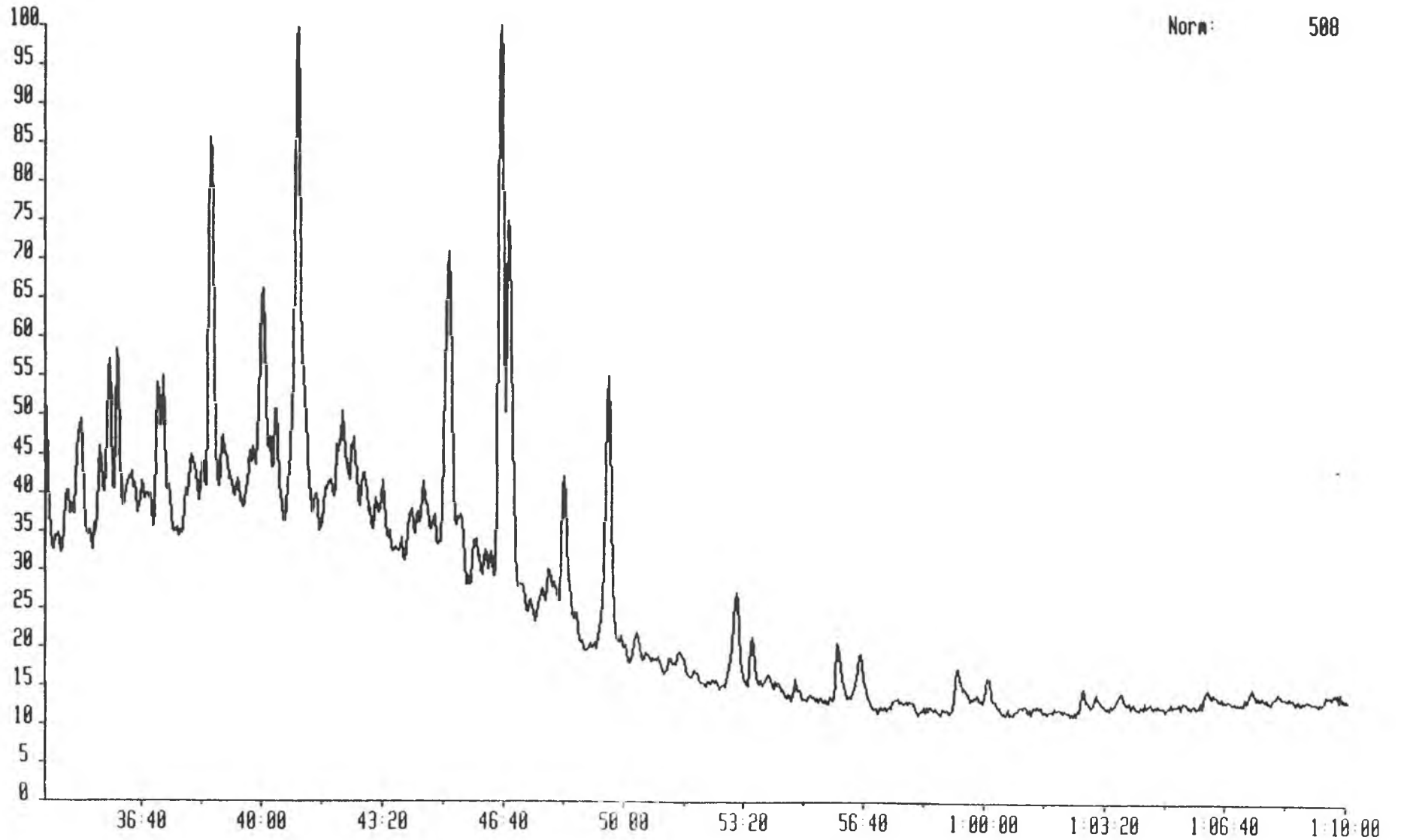
Quantification data

A 30-SEP-92 Sir Voltage 70H Sys: SATS1
Sample 2 Injection 1 Group 1 TOTAL ION CURRENT
Text: 92H 63 SATS

Norm: 3662

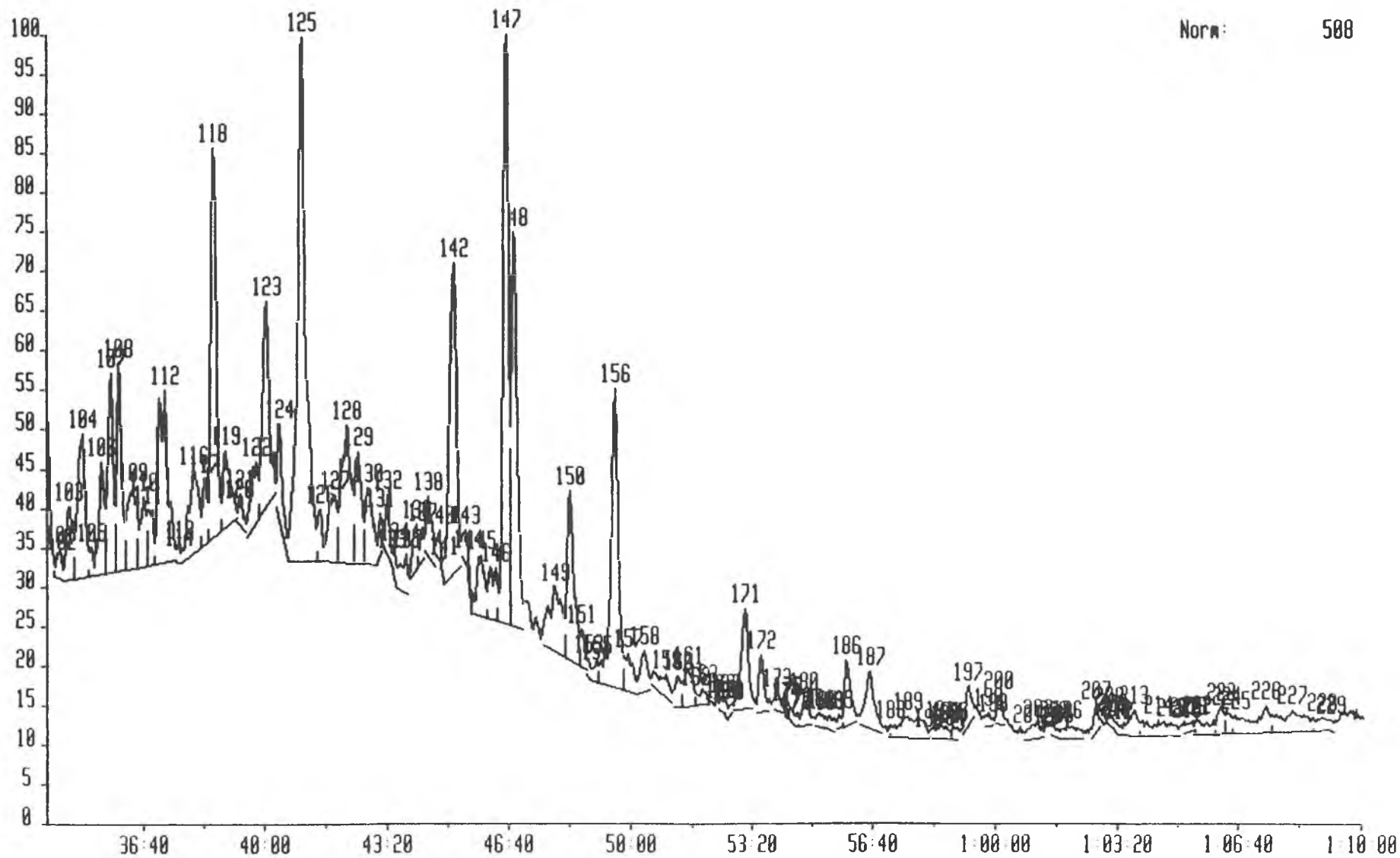


6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 2 Injection 1 Group 1 Mass 177.1798
Text: 92H 63 SATS



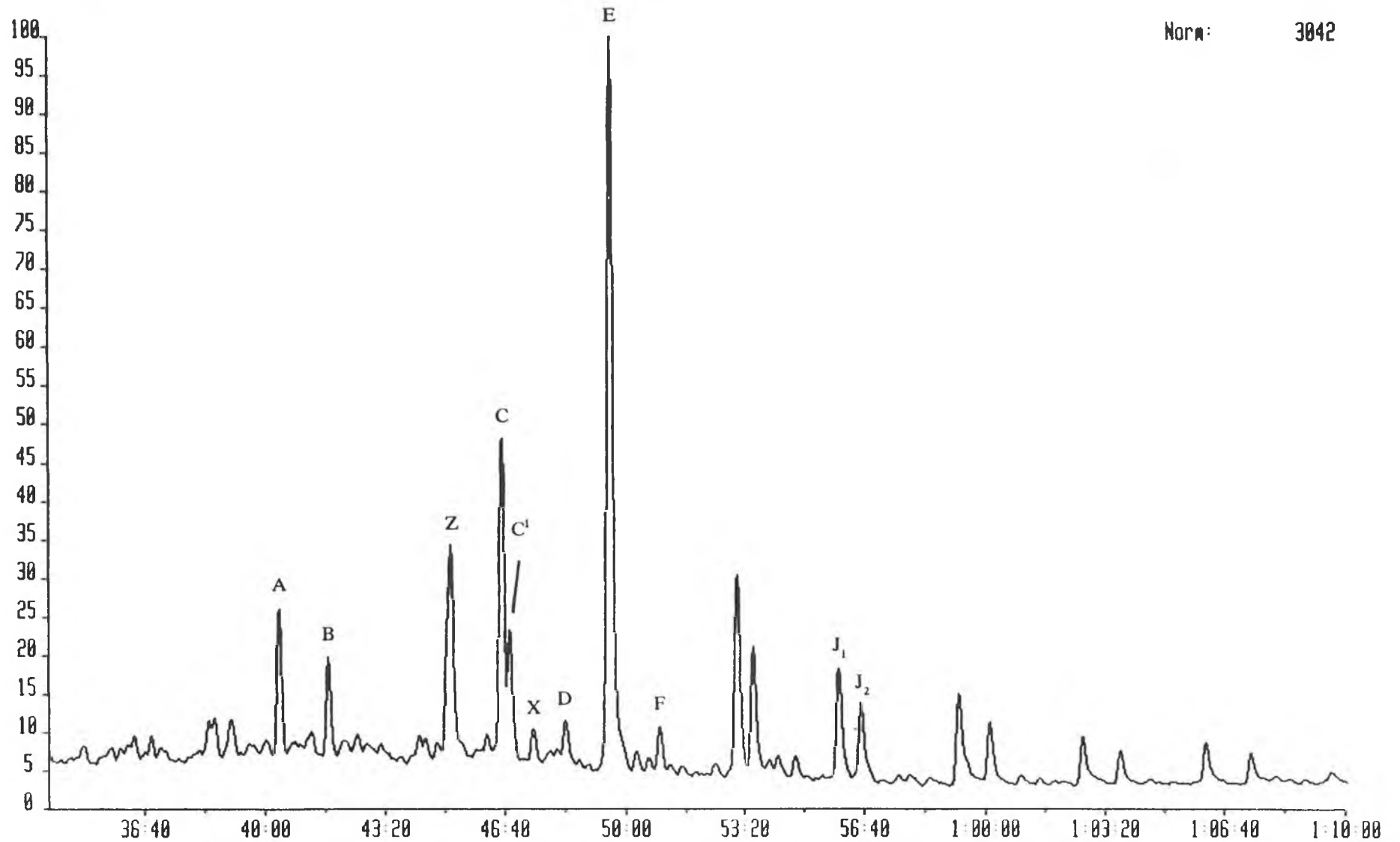
665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 2 Injection 1 Group 1 Mass 177.1798
Text: 92H 63 SATS

Norm: 588



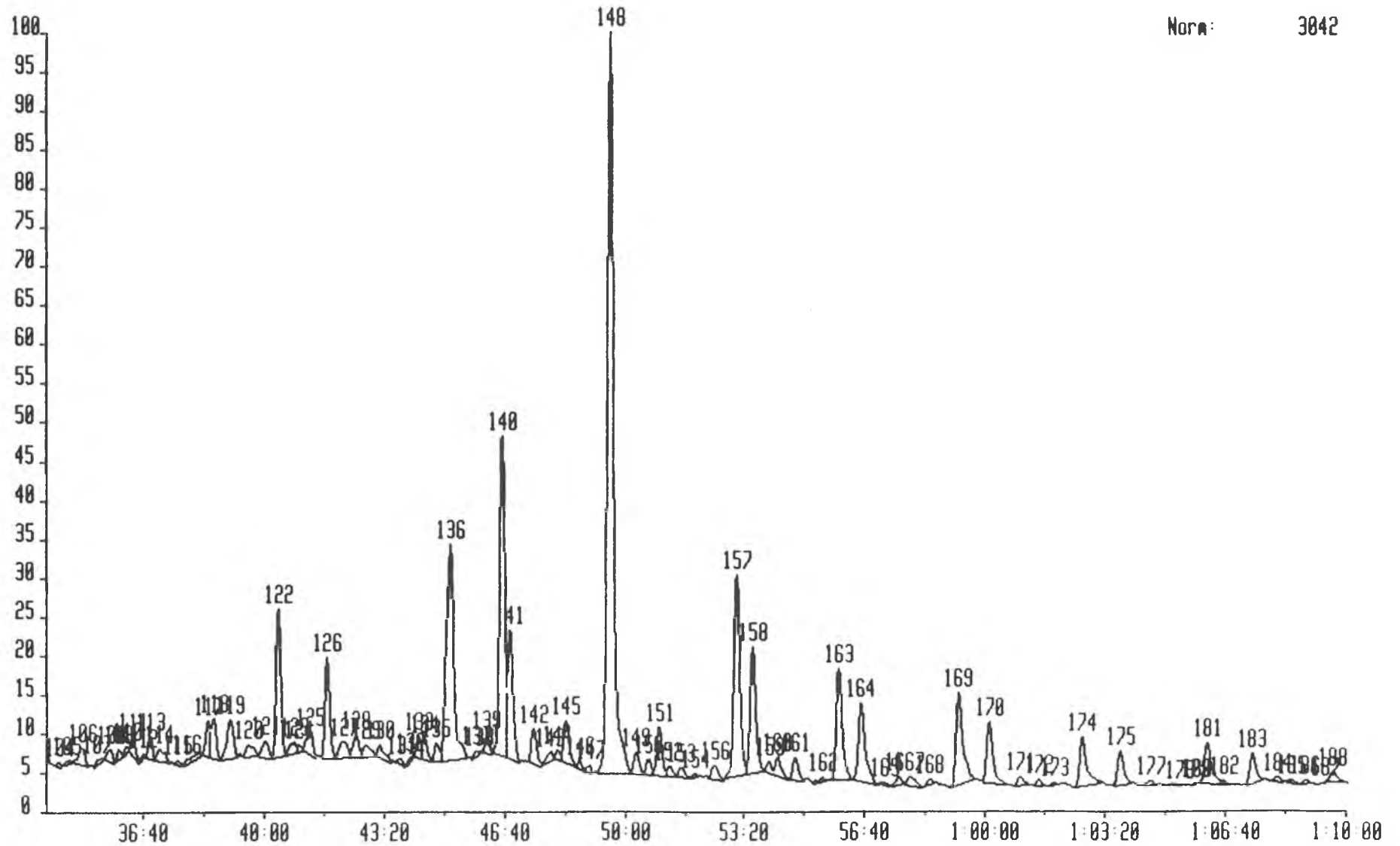
665GC 30-SEP-92 Str:Voltage 70H Sys: SATS1
Sample 2 Injection 1 Group 1 Mass 191.1798
Text:92H 63 SATS

Norm: 3042



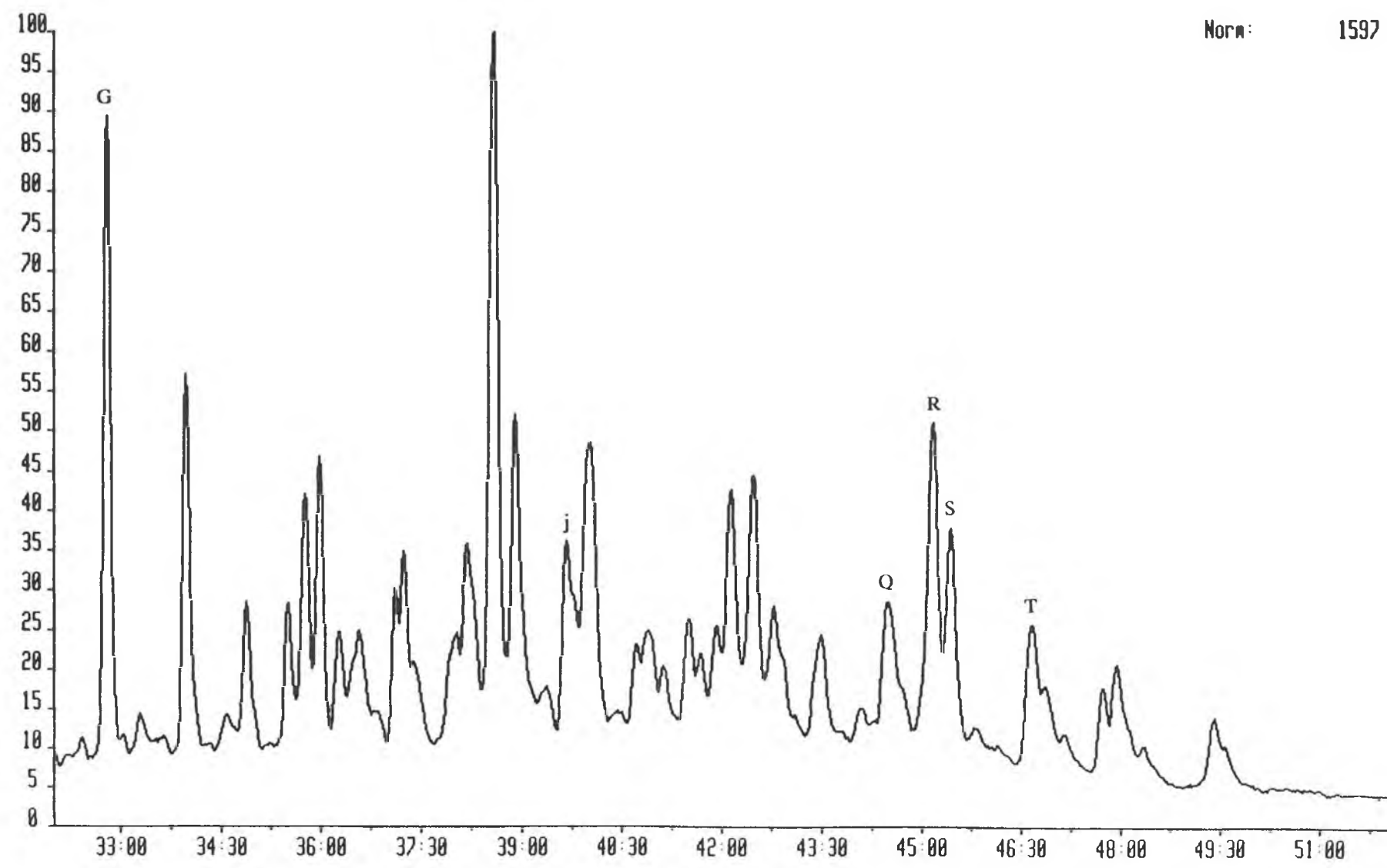
665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 2 Injection 1 Group 1 Mass 191.1798
Text: 92H 63 SATS

Norm: 3042

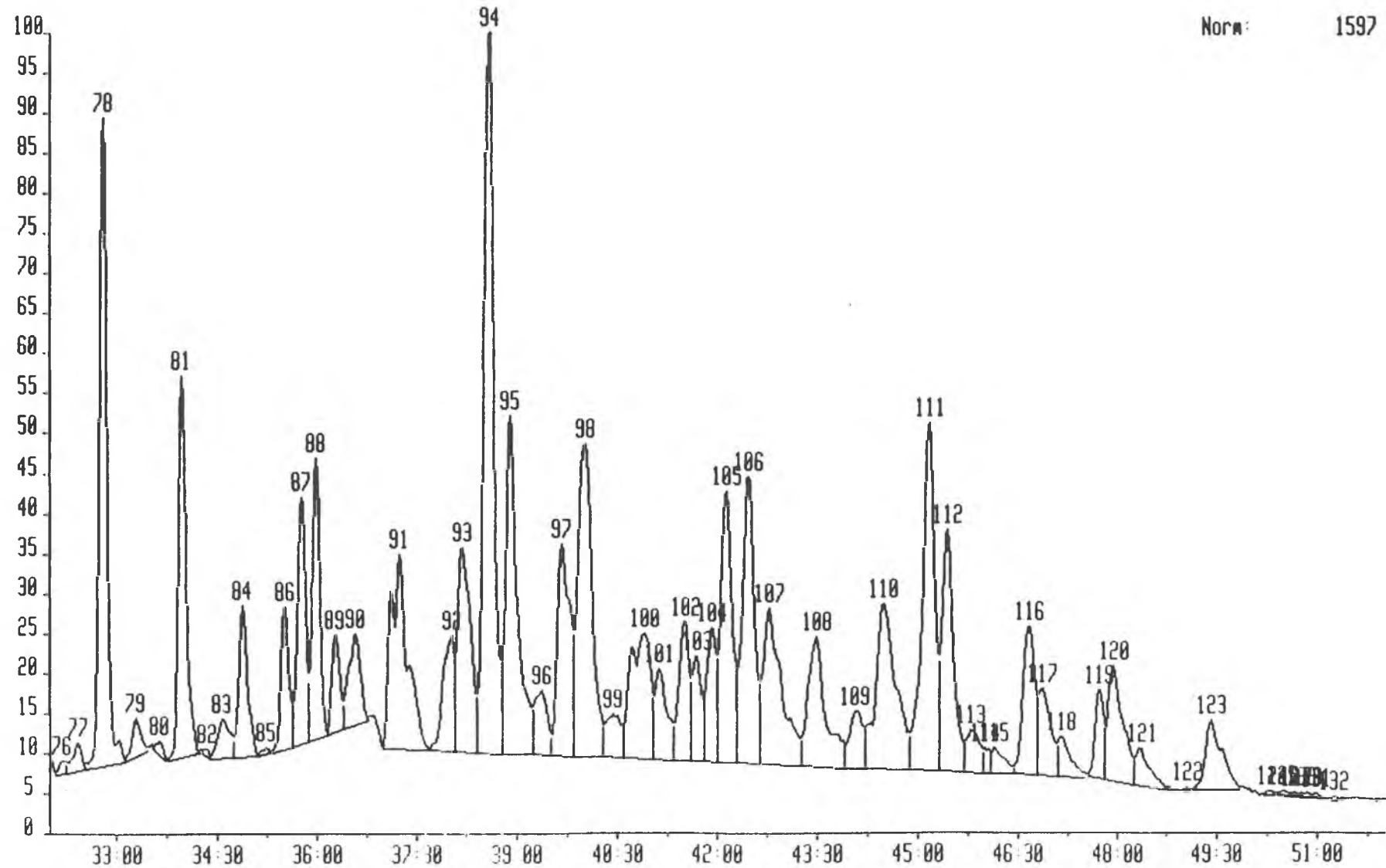


665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 2 Injection 1 Group 1 Mass 217.1956
Text: 92H 63 SATS

Norm: 1597

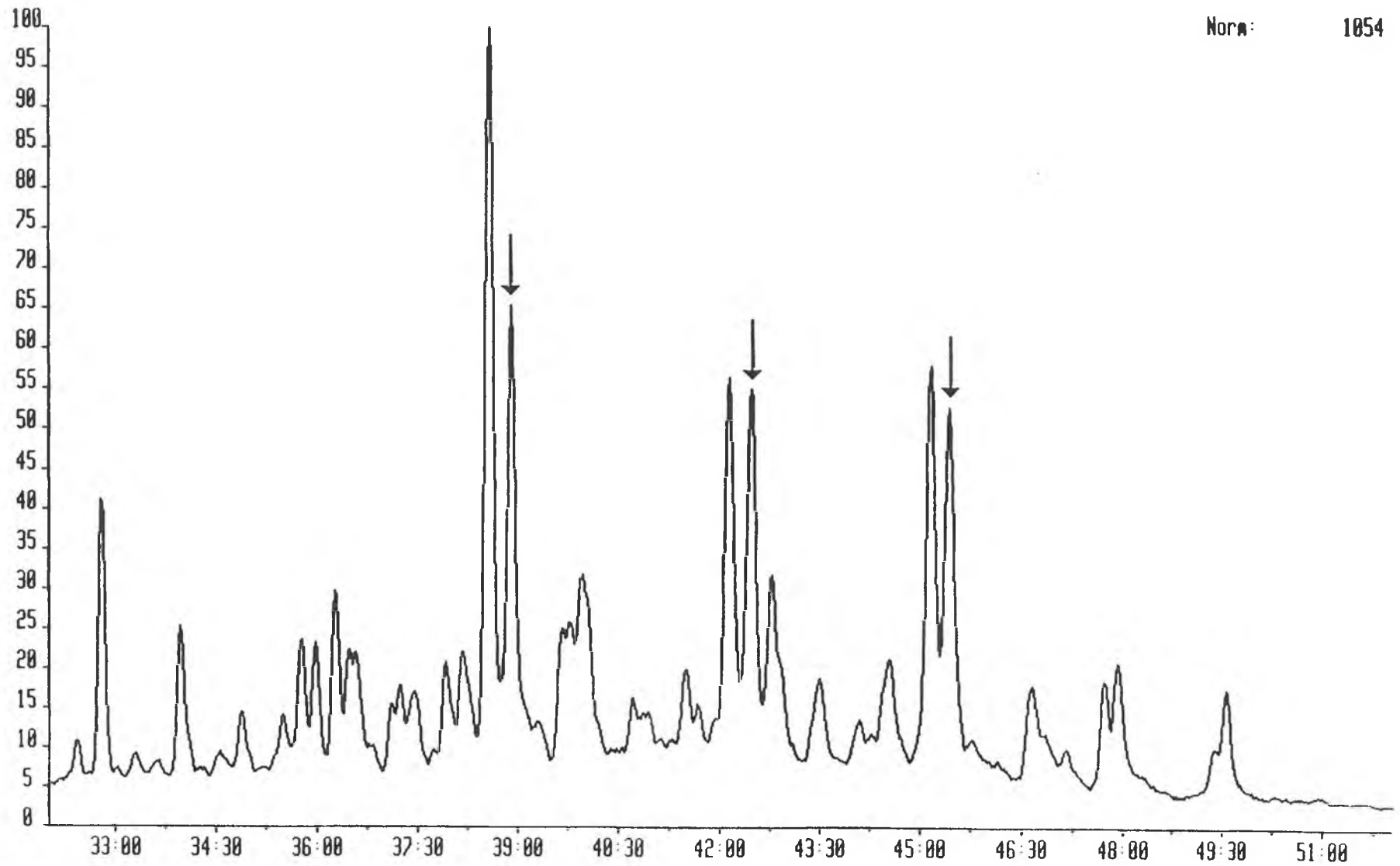


665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 2 Injection 1 Group 1 Mass 217.1956
Text:92H 63 SATS



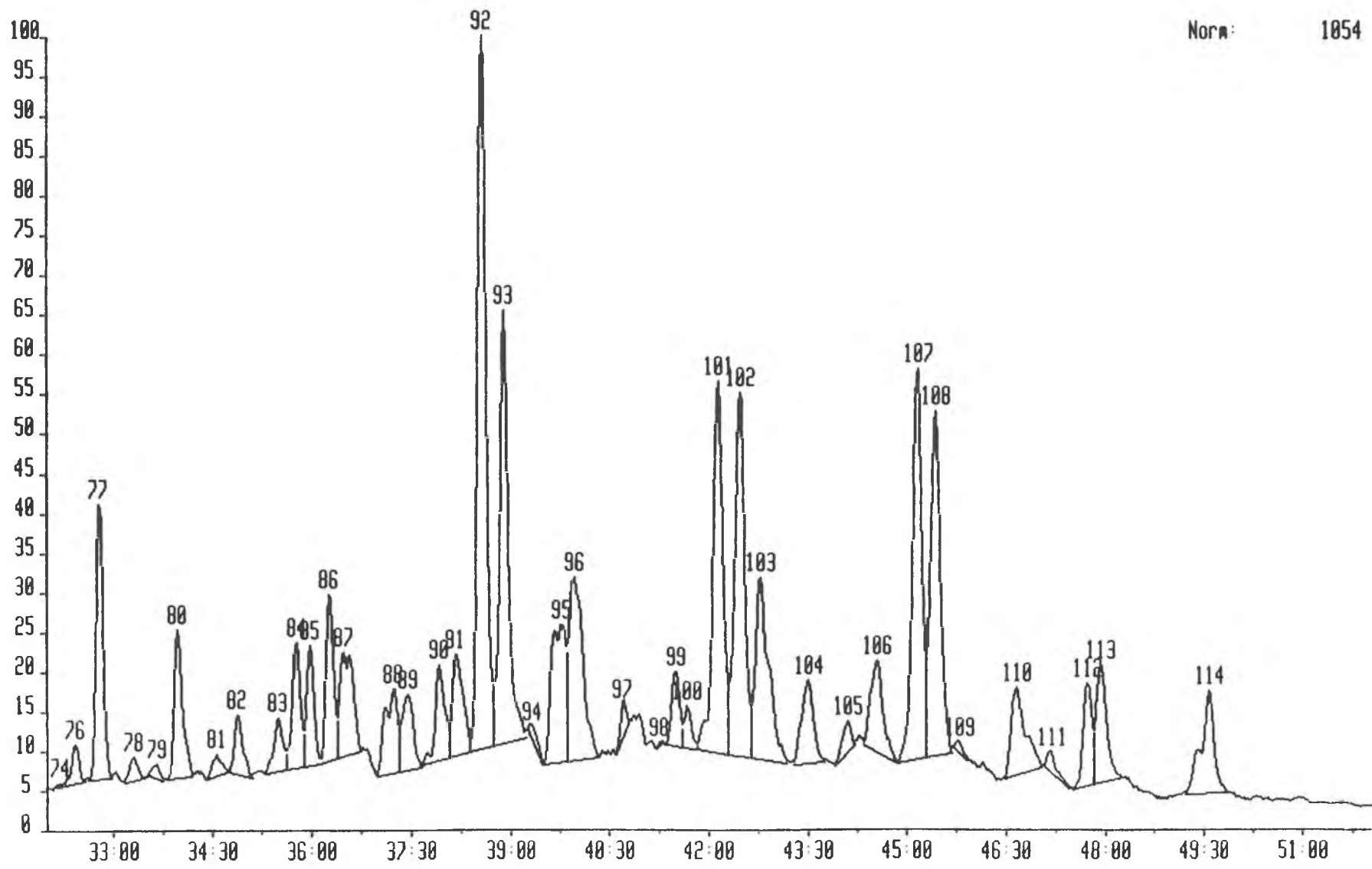
665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 2 Injection 1 Group 1 Mass 218.2034
Text: 92H 63 SATS

Norm: 1054



665GC 30-SEP-92 Str:Voltage 70H Sys: SATS1
Sample 2 Injection 1 Group 1 Mass 210.2034
Text: 92H 63 SATS

Norm: 1054



92H63

<u>Mass</u>	<u>Ret. Time</u>	<u>Scan</u>	<u>No.</u>	<u>Peak Area</u>	<u>Peak Height</u>
177.1798		0		0.00	0.00
	0 34 19	3589	101	93.04	18.49
	0 34 22	3595	102	39.96	15.43
	0 34 35	3622	103	537.48	47.87
	0 34 57	3668	104	1159.04	92.98
	0 35 12	3697	105	67.33	18.36
	0 35 29	3732	106	629.16	72.90
	0 35 44	3764	107	1164.58	128.70
	0 35 58	3792	108	1095.67	134.13
	0 36 22	3841	109	748.74	52.37
	0 36 38	3873	110	447.40	45.46
	0 36 46	3889	111	332.95	36.32
	0 37 13	3945	112	1646.11	111.55
	0 37 37	3993	113	28.82	11.32
	0 37 39	3997	114	7.82	7.31
	0 38 2	4044	116	759.03	53.19
	0 38 18	4077	117	321.57	43.08
	0 38 33	4109	118	2182.88	251.03
	0 38 53	4149	119	539.17	49.99
	0 39 15	4193	120	12.42	12.81
	0 39 18	4200	121	107.56	20.53
	0 39 44	4253	122	418.95	39.22
	0 40 0	4285	123	1443.87	132.64
	0 40 21	4329	124	456.93	61.89
	0 40 58	4404	125	4623.64	337.65
	0 41 28	4465	126	207.66	32.96
	0 41 52	4515	127	578.05	42.94
	0 42 12	4556	128	1343.04	88.85
	0 42 31	4593	129	834.75	72.59
	0 42 48	4629	130	581.06	49.63
	0 43 6	4665	131	115.25	28.75
	0 43 18	4689	132	209.41	37.49
	0 43 25	4705	133	10.04	7.46
	0 43 29	4713	134	54.98	17.87
	0 43 48	4752	135	197.94	25.45
	0 44 6	4788	136	199.65	29.72
	0 44 14	4805	137	113.93	21.99
	0 44 26	4828	138	304.10	38.67
	0 44 43	4864	140	73.93	19.41
	0 44 51	4879	141	29.62	13.79
	0 45 8	4915	142	2287.38	199.90
	0 45 26	4952	143	120.61	22.00
	0 45 32	4964	144	24.31	11.23
	0 45 54	5009	145	474.51	39.93
	0 46 18	5057	146	376.40	34.53
	0 46 34	5090	147	3261.37	380.75
	0 46 46	5114	148	2665.10	254.29
	0 47 55	5255	149	857.31	41.59
	0 48 19	5305	150	1145.36	109.51
	0 48 39	5344	151	130.76	23.88
	0 48 49	5366	153	19.68	11.10
	0 49 2	5391	154	54.36	9.66
	0 49 4	5396	155	30.74	13.80
	0 49 32	5453	156	2233.66	193.37
	0 49 53	5496	157	285.67	24.28
	0 50 19	5550	158	278.73	26.82
	0 50 57	5626	159	206.97	14.41
	0 51 14	5662	160	186.58	19.87
	0 51 32	5698	161	307.91	22.88
	0 51 44	5723	162	40.57	8.43

0	51	56	5746	163	55.85	9.91
0	52	24	5804	165	6.36	4.56
0	52	25	5806	166	25.22	8.11
0	52	31	5819	167	10.46	9.65
0	52	35	5826	169	8.67	8.20
0	52	39	5835	170	31.54	7.17
0	53	4	5886	171	774.63	65.19
0	53	32	5943	172	302.66	36.48
0	53	57	5994	173	66.98	11.58
0	54	12	6025	174	4.83	4.48
0	54	14	6028	175	20.72	10.03
0	54	17	6035	176	63.92	10.90
0	54	28	6057	177	6.58	6.48
0	54	31	6063	178	22.06	8.73
0	54	43	6087	180	146.50	18.89
0	55	10	6142	181	45.15	8.65
0	55	13	6150	182	16.38	8.52
0	55	25	6174	183	79.91	9.21
0	55	41	6206	185	42.93	8.45
0	55	53	6230	186	392.64	42.64
0	56	32	6310	187	537.37	36.45
0	57	5	6378	188	8.25	8.33
0	57	35	6438	189	478.67	14.45
0	58	8	6506	190	4.49	3.00
0	58	28	6546	191	93.67	9.63
0	58	35	6561	192	17.73	6.42
0	58	37	6566	193	22.62	8.73
0	58	44	6579	194	11.68	5.26
0	58	49	6590	195	56.01	9.22
0	59	13	6639	197	204.60	25.42
0	59	44	6703	198	39.76	8.67
0	59	52	6718	199	9.49	4.93
1	0	3	6741	200	134.41	18.20
1	0	49	6835	201	12.43	7.50
1	1	6	6869	202	144.71	9.31
1	1	32	6922	203	26.31	6.84
1	1	36	6930	204	4.59	4.64
1	1	40	6938	205	14.14	6.23
1	1	55	6970	206	166.93	8.99
1	2	41	7063	207	108.95	18.04
1	3	4	7111	208	21.84	8.83
1	3	8	7118	209	12.37	6.07
1	3	12	7126	210	5.61	4.91
1	3	14	7131	211	8.78	6.96
1	3	17	7137	212	24.66	6.43
1	3	43	7190	213	254.43	17.13
1	4	25	7275	214	236.00	10.49
1	4	46	7318	215	82.73	7.80
1	5	7	7362	217	7.57	8.40
1	5	12	7371	218	26.61	6.48
1	5	22	7391	219	13.41	6.50
1	5	26	7399	221	12.68	9.00
1	5	29	7406	222	164.61	9.65
1	6	9	7487	223	185.71	17.49
1	6	20	7510	224	127.78	14.45
1	6	34	7538	225	207.58	11.76
1	7	23	7639	226	272.47	17.33
1	8	6	7726	227	490.73	13.90
1	8	53	7822	228	112.15	8.52
1	9	8	7854	229	19.82	7.23
			0		0.00	0.00
0	34	19	3589	104	88.98	18.04
0	34	31	3615	105	98.93	17.57
0	34	58	3669	106	735.97	64.78
0	35	22	3719	107	178.51	21.55
0	35	44	3764	108	384.96	47.44

191.1798

0	35	57	3790	109	255.99	41.13
0	36	11	3818	110	133.79	28.54
0	36	21	3838	111	483.17	70.06
0	36	38	3874	112	61.78	18.30
0	36	50	3897	113	534.69	88.37
0	37	5	3929	114	603.83	50.65
0	37	36	3991	115	83.49	14.70
0	37	50	4021	116	322.45	22.33
0	38	25	4092	117	948.68	139.74
0	38	34	4110	118	1317.93	153.98
0	39	1	4166	119	1675.45	153.85
0	39	32	4229	120	625.31	49.89
0	40	0	4285	121	643.07	66.42
0	40	21	4329	122	4154.36	580.28
0	40	48	4383	123	469.05	46.73
0	40	56	4399	124	166.56	27.68
0	41	15	4439	125	917.95	89.78
0	41	43	4496	126	2940.54	396.05
0	42	10	4552	127	910.88	65.76
0	42	32	4595	128	858.26	85.26
0	42	47	4626	129	564.44	43.31
0	43	10	4674	130	530.21	49.19
0	43	47	4749	131	110.30	19.70
0	44	0	4776	132	63.04	14.76
0	44	15	4806	133	573.89	87.34
0	44	26	4828	134	730.22	79.85
0	44	45	4868	135	612.17	72.76
0	45	8	4915	136	10646.80	849.70
0	45	50	5001	137	113.13	21.88
0	45	55	5011	138	7.62	5.80
0	46	9	5038	139	491.30	71.10
0	46	33	5088	140	10250.65	1249.95
0	46	47	5116	141	4393.26	503.02
0	47	27	5197	142	1096.65	135.96
0	47	52	5250	143	328.99	34.95
0	48	5	5276	144	252.15	35.10
0	48	19	5304	145	1437.70	165.59
0	48	42	5351	146	218.38	30.28
0	48	58	5384	147	131.81	26.38
0	49	32	5454	148	27532.53	2901.15
0	50	17	5544	149	808.78	85.43
0	50	38	5588	150	471.86	58.72
0	50	56	5624	151	1642.76	184.90
0	51	11	5656	152	333.83	37.03
0	51	33	5699	153	350.60	36.48
0	51	55	5744	154	84.46	13.88
0	52	29	5815	156	633.41	52.54
0	53	5	5887	157	7720.05	790.32
0	53	31	5940	158	4626.76	497.50
0	53	59	5997	159	326.86	45.96
0	54	13	6026	160	762.03	73.70
0	54	42	6085	161	859.96	88.89
0	55	27	6177	162	159.95	18.59
0	55	54	6233	163	4392.70	433.38
0	56	31	6308	164	3448.11	304.73
0	57	12	6391	165	91.68	11.40
0	57	34	6436	166	322.67	35.57
0	57	52	6473	167	430.77	33.97
0	58	25	6540	168	172.78	21.98
0	59	13	6638	169	4214.61	358.37
1	0	4	6742	170	2526.42	237.95
1	0	57	6852	171	372.12	37.62
1	1	28	6915	172	167.57	25.94
1	1	55	6970	173	81.42	11.59
1	2	40	7062	174	2222.23	190.93
1	3	44	7191	175	1246.50	130.95

217.1956

1	4	33	7292	177	182.07	20.80
1	5	22	7392	178	87.98	8.80
1	5	48	7445	179	24.58	7.21
1	5	51	7451	180	8.01	4.55
1	6	7	7483	181	1876.21	160.38
1	6	35	7541	182	91.70	14.46
1	7	22	7636	183	1120.45	114.82
1	8	4	7722	184	178.84	20.72
1	8	28	7772	185	132.10	15.12
1	8	50	7816	186	90.95	13.65
1	9	21	7880	187	3.59	5.17
1	9	34	7907	188	429.63	38.00
			0		0.00	0.00
0	32	10	3327	76	142.29	25.59
0	32	24	3355	77	510.88	56.24
0	32	47	3402	78	9195.81	1294.05
0	33	16	3461	79	644.79	76.97
0	33	37	3505	80	181.10	29.67
0	33	57	3545	81	5603.41	764.17
0	34	19	3590	82	65.09	14.90
0	34	33	3619	83	931.41	79.08
0	34	51	3656	84	2632.39	303.58
0	35	13	3699	85	74.51	13.59
0	35	29	3733	86	2121.79	285.84
0	35	44	3764	87	3959.55	492.90
0	35	58	3791	88	4158.83	562.29
0	36	15	3827	89	1575.10	196.13
0	36	34	3865	90	2110.77	182.63
0	37	13	3945	91	6610.81	391.01
0	38	0	4041	92	2666.88	233.41
0	38	9	4060	93	5330.12	410.95
0	38	33	4109	94	13702.72	1440.62
0	38	53	4149	95	7829.27	677.83
0	39	21	4207	96	1626.24	129.80
0	39	39	4242	97	5262.56	424.84
0	40	0	4286	98	9041.91	626.12
0	40	26	4338	99	1300.58	87.31
0	40	53	4394	100	5157.21	253.42
0	41	6	4420	101	2213.52	181.86
0	41	30	4470	102	2997.06	278.99
0	41	40	4490	103	1936.58	212.57
0	41	54	4518	104	2527.62	270.28
0	42	7	4544	105	6231.17	545.17
0	42	27	4585	106	6964.68	574.98
0	42	45	4623	107	5875.86	312.94
0	43	27	4709	108	4549.86	260.67
0	44	3	4781	109	1516.93	113.26
0	44	27	4831	110	6909.44	332.50
0	45	8	4915	111	8527.28	696.25
0	45	25	4949	112	5645.49	484.91
0	45	46	4991	113	1155.04	84.84
0	45	59	5019	114	259.52	48.74
0	46	7	5034	115	670.15	50.60
0	46	38	5098	116	3667.73	299.72
0	46	51	5124	117	2154.14	174.37
0	47	7	5158	118	973.20	80.56
0	47	43	5230	119	1515.01	176.89
0	47	55	5256	120	3379.94	229.56
0	48	20	5306	121	1111.63	74.32
0	49	2	5391	122	16.85	7.78
0	49	22	5433	123	2184.34	137.38
0	50	17	5544	124	52.78	9.10
0	50	26	5563	125	75.42	9.83
0	50	39	5589	127	31.13	7.98
0	50	44	5599	128	22.36	9.60
0	50	49	5610	129	51.16	10.51

218.2034

0	50	57	5627	131	76.86	10.23
0	51	13	5660	132	48.51	8.02
			0		0.00	0.00
0	32	11	3328	74	11.08	5.47
0	32	24	3356	76	351.83	51.48
0	32	46	3400	77	2451.66	365.38
0	33	17	3463	78	234.60	30.93
0	33	38	3506	79	136.19	19.34
0	33	58	3546	80	1596.48	197.68
0	34	33	3618	81	239.29	28.27
0	34	51	3656	82	667.22	80.25
0	35	29	3732	83	614.18	72.19
0	35	45	3766	84	1359.87	166.29
0	35	58	3791	85	1135.59	161.25
0	36	15	3826	86	1711.78	221.78
0	36	27	3852	87	1805.05	138.96
0	37	13	3945	88	1406.98	111.78
0	37	27	3973	89	1126.12	101.54
0	37	55	4030	90	1172.19	126.53
0	38	8	4058	91	1467.81	135.44
0	38	32	4107	92	7620.70	949.16
0	38	53	4148	93	4958.30	577.79
0	39	19	4203	94	158.83	20.49
0	39	45	4256	95	2661.52	183.87
0	39	57	4279	96	3436.81	244.25
0	40	41	4369	97	258.22	47.90
0	41	15	4438	98	5.14	3.49
0	41	29	4468	99	794.05	100.51
0	41	40	4489	100	389.48	57.27
0	42	7	4544	101	4935.24	494.88
0	42	27	4585	102	4834.07	484.38
0	42	46	4624	103	3168.55	242.44
0	43	29	4712	104	1310.27	110.10
0	44	5	4786	105	356.10	42.82
0	44	32	4841	106	1537.95	122.86
0	45	8	4914	107	4948.85	521.57
0	45	24	4947	108	4532.47	461.48
0	45	47	4994	109	89.84	14.73
0	46	39	5099	110	1648.66	116.55
0	47	10	5163	111	228.96	27.70
0	47	42	5229	112	1167.07	136.46
0	47	54	5254	113	1592.91	156.69
0	49	32	5454	114	1772.25	137.96

259.2426

			0		0.00	0.00
0	32	22	3352	78	283.68	24.66
0	32	46	3400	79	3965.55	516.78
0	33	18	3465	80	625.31	36.66
0	33	36	3502	81	56.65	11.41
0	33	57	3545	82	2419.35	332.82
0	34	17	3586	83	42.59	8.16
0	34	33	3619	84	660.90	62.16
0	34	51	3656	85	948.30	76.70
0	35	11	3695	86	162.89	23.11
0	35	29	3732	87	496.29	72.61
0	35	44	3763	88	2256.05	232.97
0	35	57	3790	89	1847.01	230.73
0	36	17	3830	90	643.32	43.27
0	36	32	3862	91	343.93	35.54
0	36	50	3898	92	386.81	38.44
0	37	6	3930	93	3174.59	185.67
0	38	0	4041	94	1026.54	59.75
0	38	17	4075	95	352.84	43.19
0	38	33	4108	96	4161.28	408.96
0	38	52	4147	97	1803.85	113.68
0	39	21	4206	98	382.11	39.33
0	39	59	4283	99	2640.04	202.12

0 40 29	4344	100	79.90	10.02
0 40 42	4372	101	432.95	63.78
0 40 54	4396	102	1380.44	87.06
0 41 25	4459	103	139.10	17.69
0 41 39	4488	104	353.95	43.90
0 41 53	4516	105	426.54	53.02
0 42 5	4541	106	772.02	51.05
0 42 28	4587	107	821.83	70.51
0 42 47	4626	108	487.66	37.45
0 43 15	4684	109	150.14	16.40
0 43 34	4722	110	55.18	7.77
0 43 48	4752	111	267.45	35.26
0 44 5	4785	112	132.61	16.71
0 44 35	4846	113	200.92	14.70
0 44 49	4875	114	9.79	4.21
0 45 8	4914	115	644.48	55.75
0 45 24	4946	116	362.22	32.82
0 45 49	4997	117	120.22	11.49
0 46 8	5036	118	386.56	30.73
0 46 34	5089	119	269.52	27.40
0 46 46	5114	120	67.70	8.55
0 47 7	5157	121	35.69	5.72
0 47 24	5192	122	195.70	22.20
0 47 53	5251	123	204.76	15.80
0 48 19	5305	124	285.94	21.54
0 48 49	5366	125	40.50	8.45
0 49 8	5405	126	74.20	11.55
0 49 31	5452	127	431.67	42.21
0 49 58	5506	128	80.81	8.71
0 50 15	5541	129	24.92	5.67
0 50 29	5569	130	6.13	2.86
0 50 36	5583	132	34.94	5.41
0 50 43	5598	133	73.31	6.69
0 51 10	5654	134	2.96	3.39
0 51 21	5675	135	25.70	4.00
0 51 35	5704	136	84.39	8.37
0 51 52	5738	137	3.62	2.90
0 51 55	5744	138	5.73	3.25

Figure 10.3

SATURATE MASS FRAGMENTOGRAMS

DEPTH: 2585.0m

SAMPLE NO.: 2H 65

Total Ion Current

M/Z 177

M/Z 191

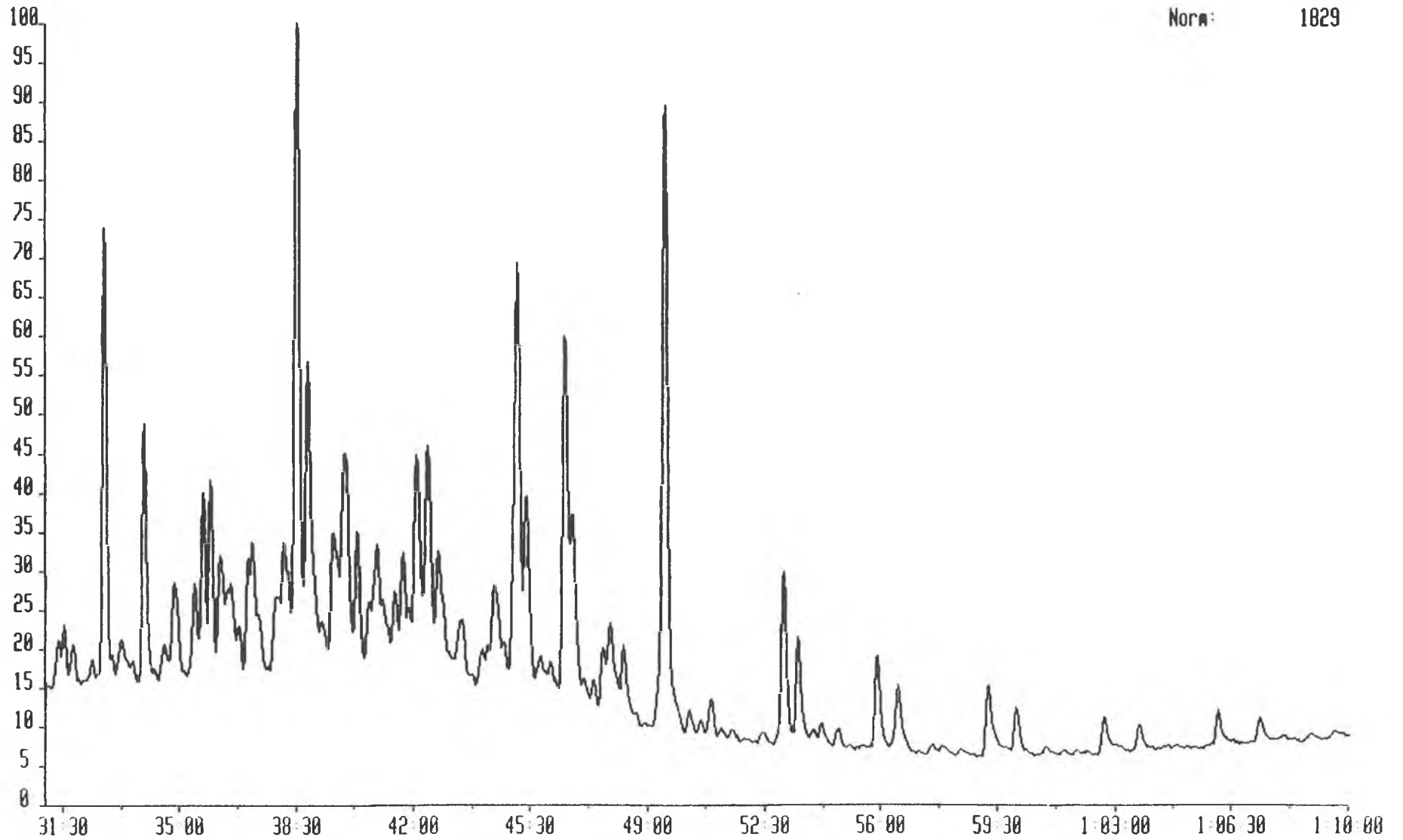
M/Z 217

M/Z 218

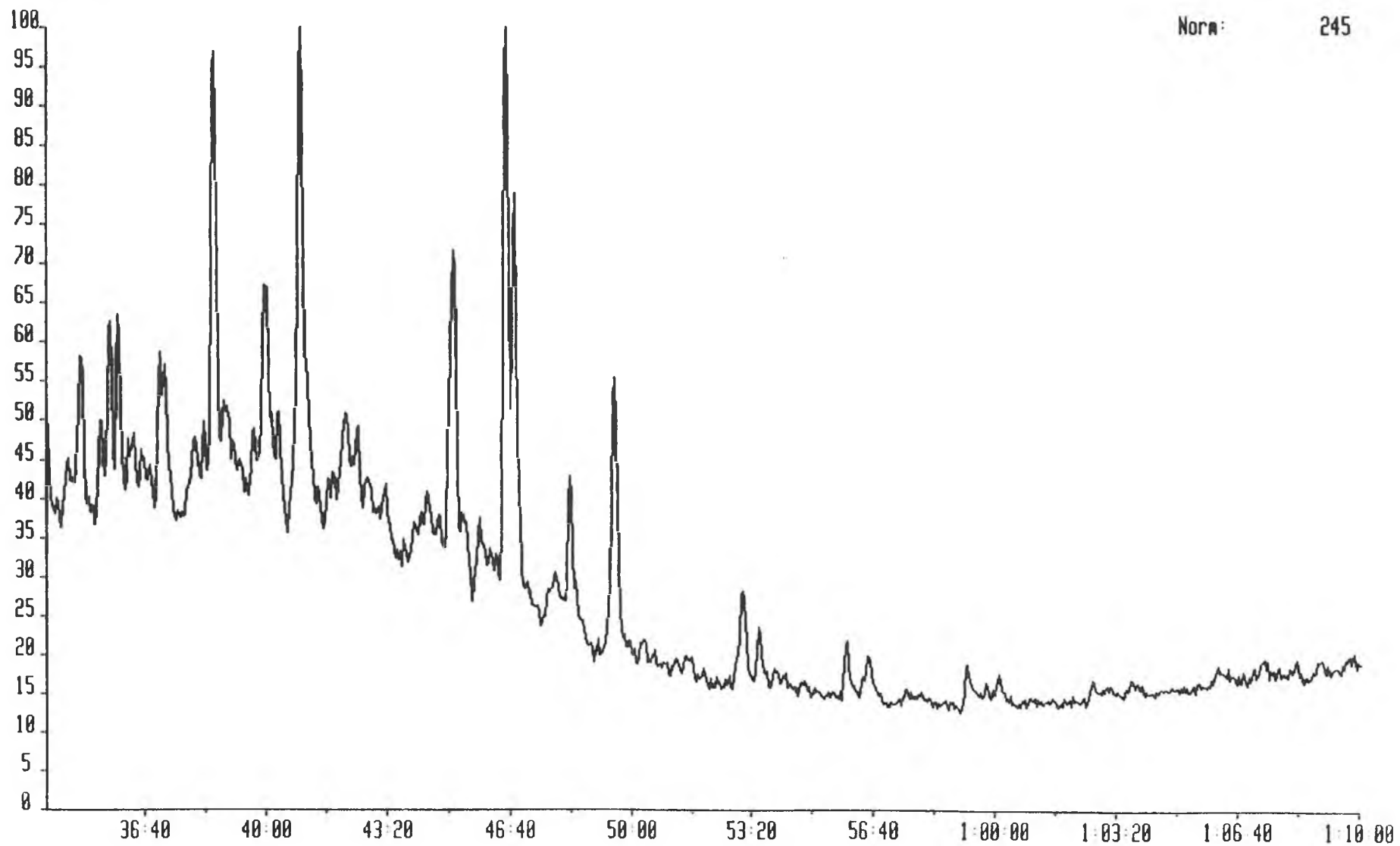
Quantification data

A 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 3 Injection 1 Group 1 TOTAL ION CURRENT
Text:92H 65 SATS

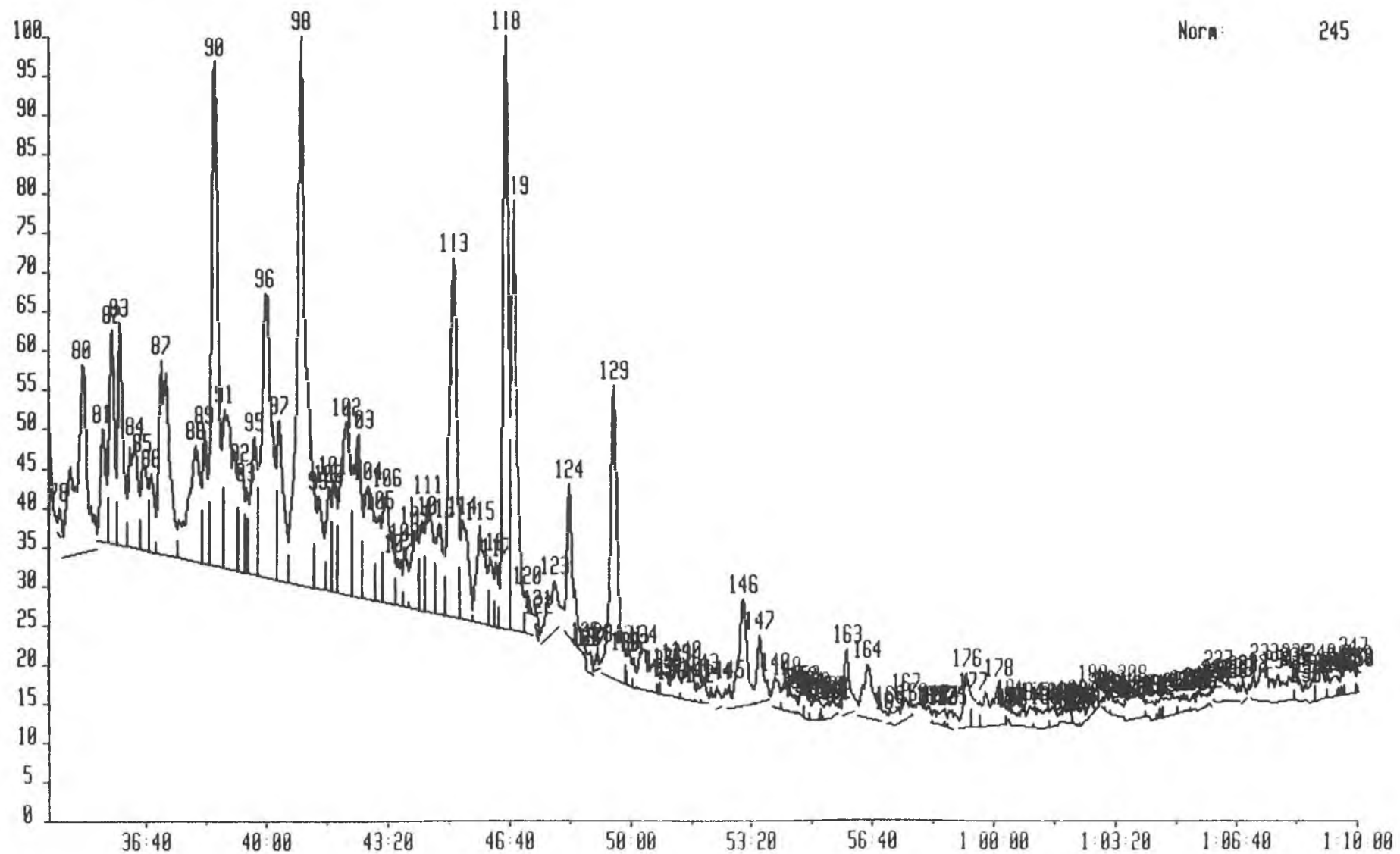
Norm: 1829



6656C 30-SEP-92 Str:Voltage 70H Sys: SATS1
Sample 3 Injection 1 Group 1 Mass 177.1790
Text:92H 65 SATS

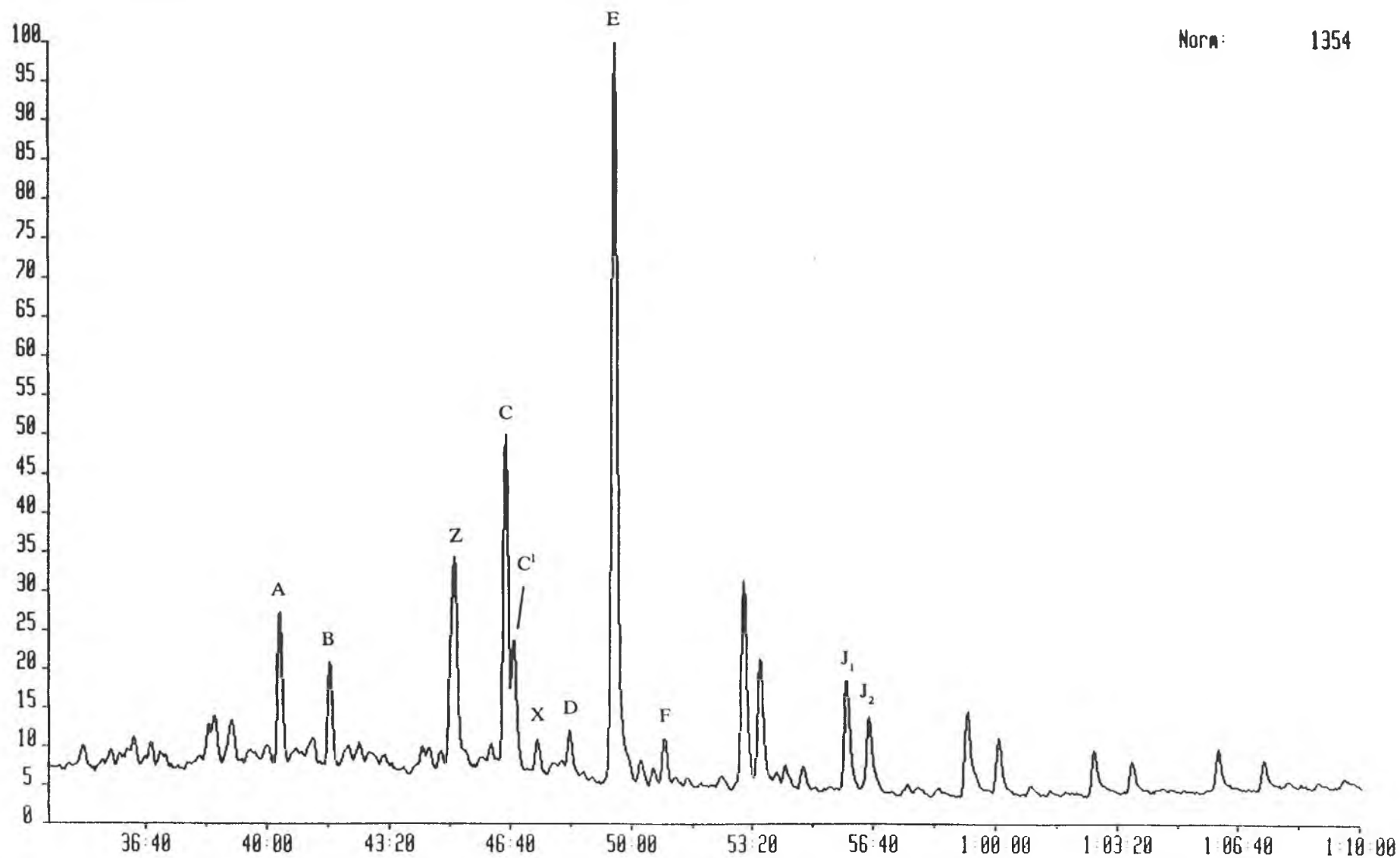


6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 3 Injection 1 Group 1 Mass 177.1798
Text: 92H 65 SATS



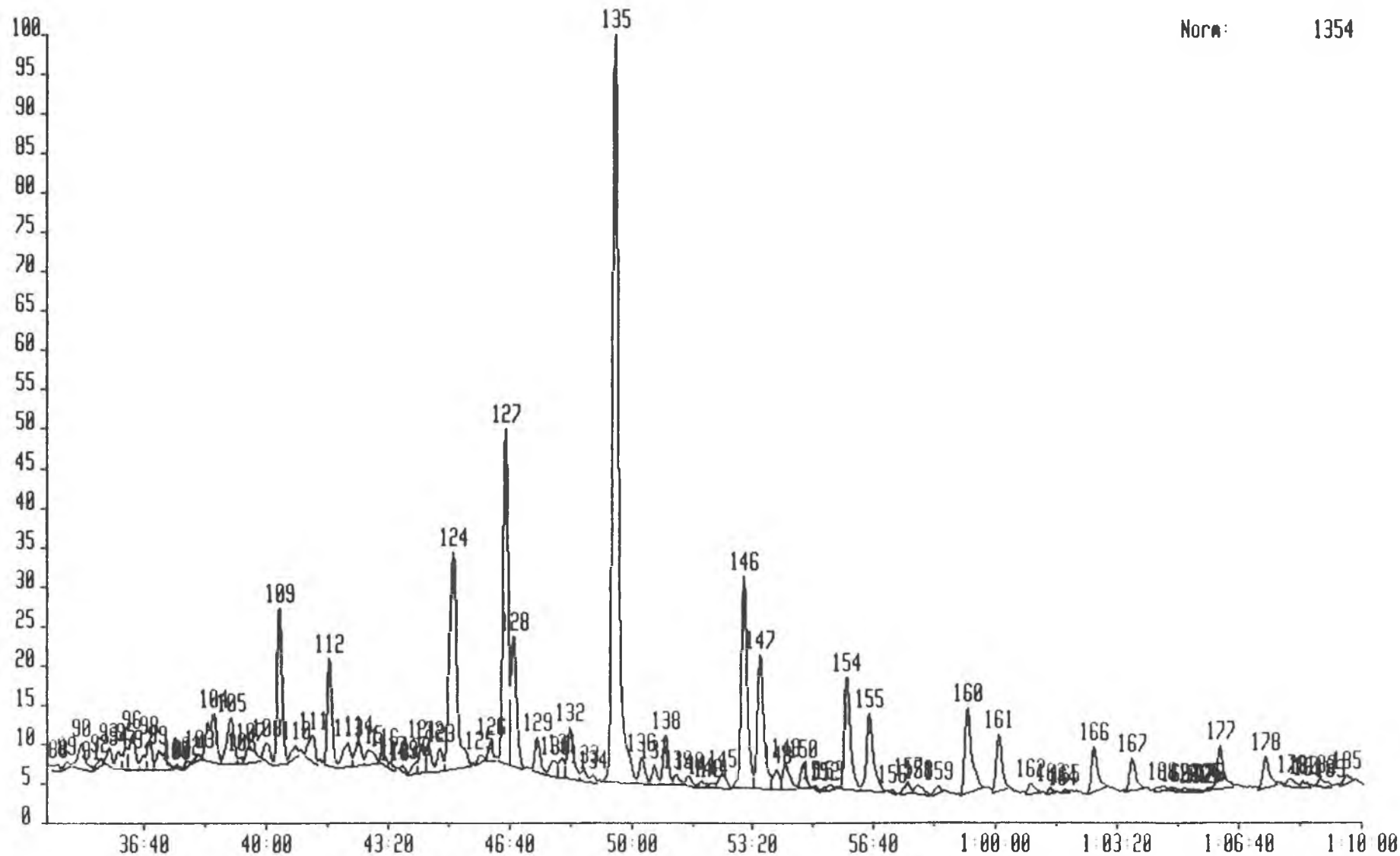
665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 3 Injection 1 Group 1 Mass 191.1798
Text:92H 65 SATS

Norm: 1354



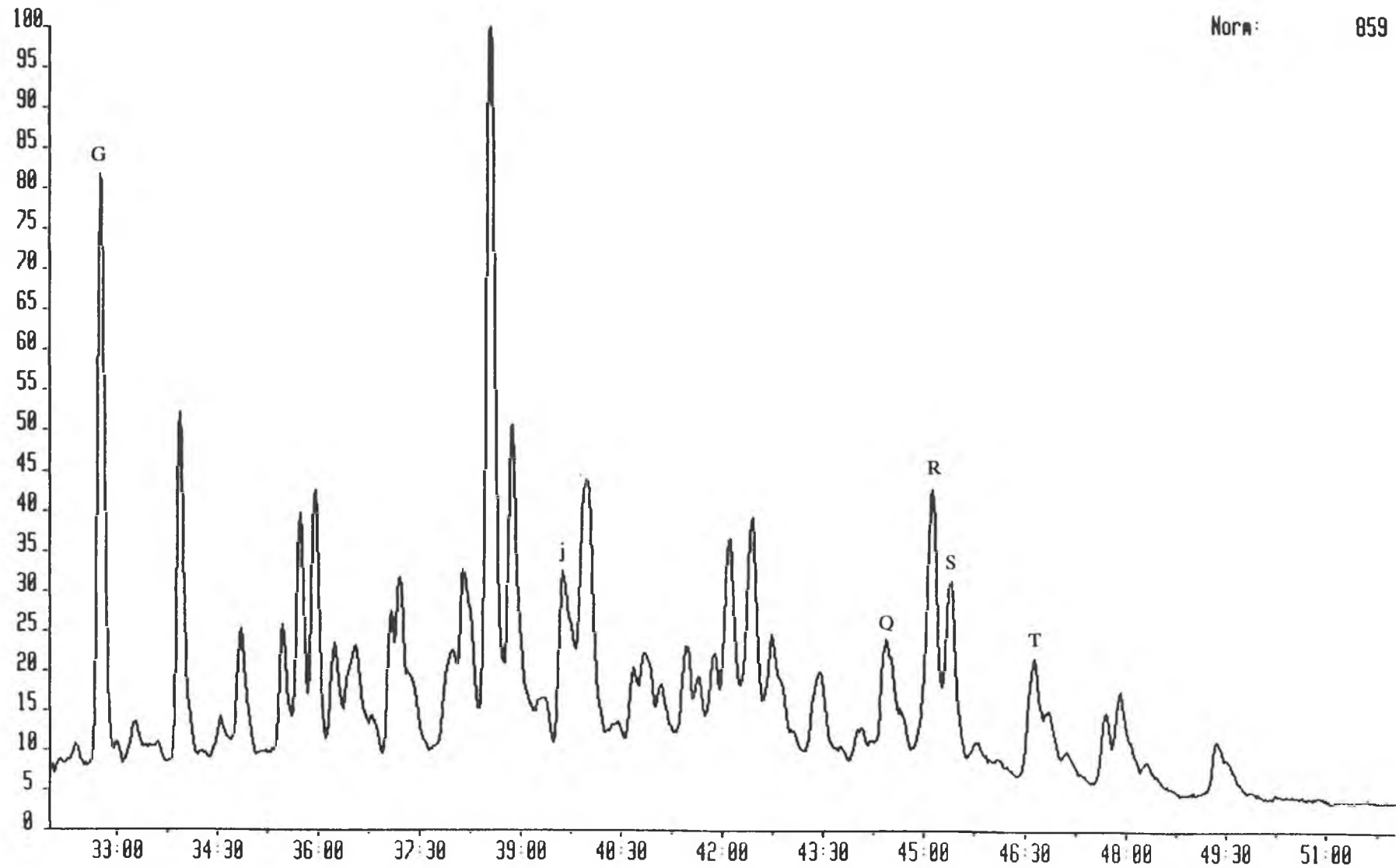
665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 3 Injection 1 Group 1 Mass 191.1798
Text: 92H 65 SATS

Norm: 1354



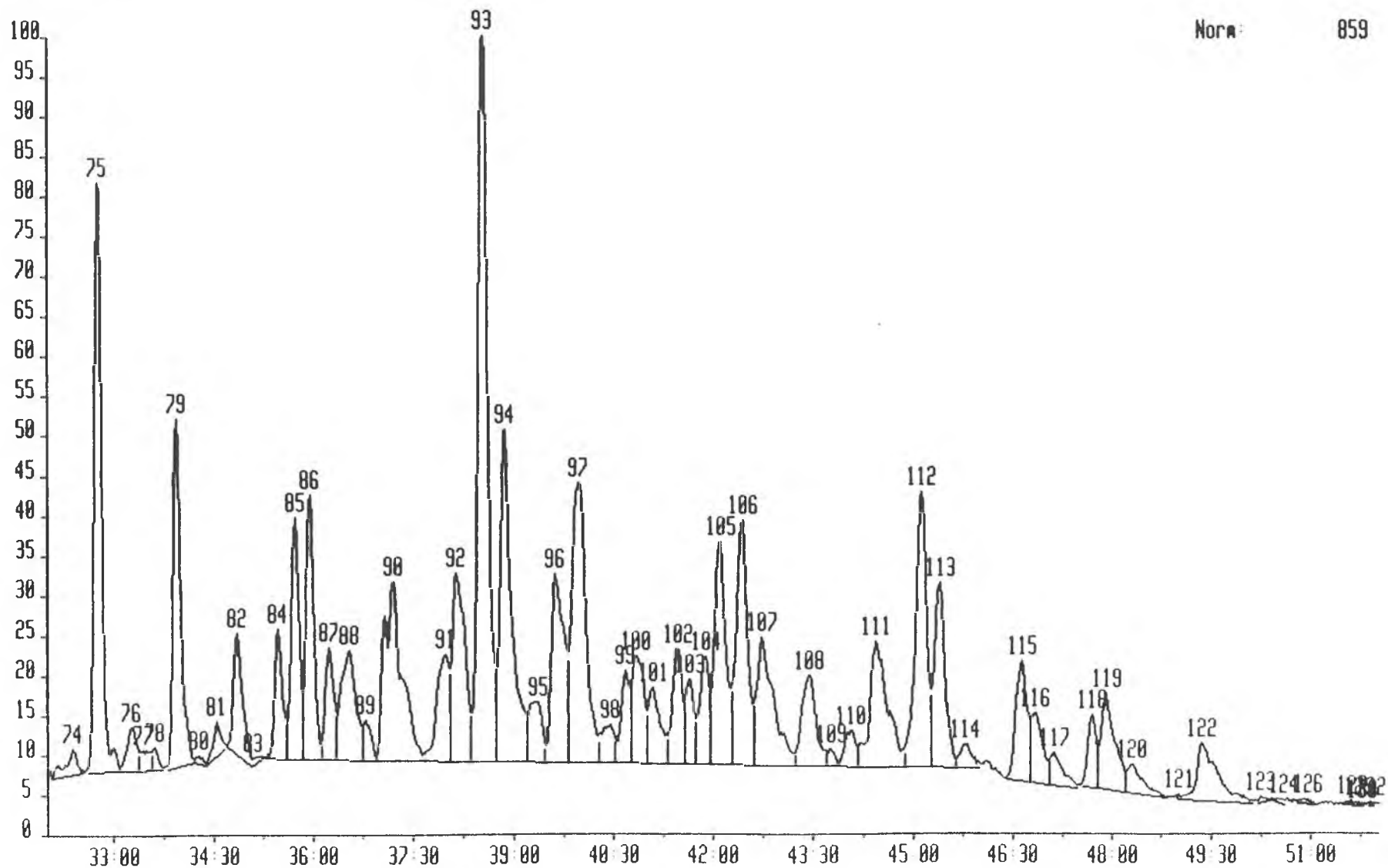
665GC 30-SEP-92 Sir:Voltage 70H Sys: SRTS1
Sample 3 Injection 1 Group 1 Mass 217.1956
Text:92H 65 SRTS

Norm: 859



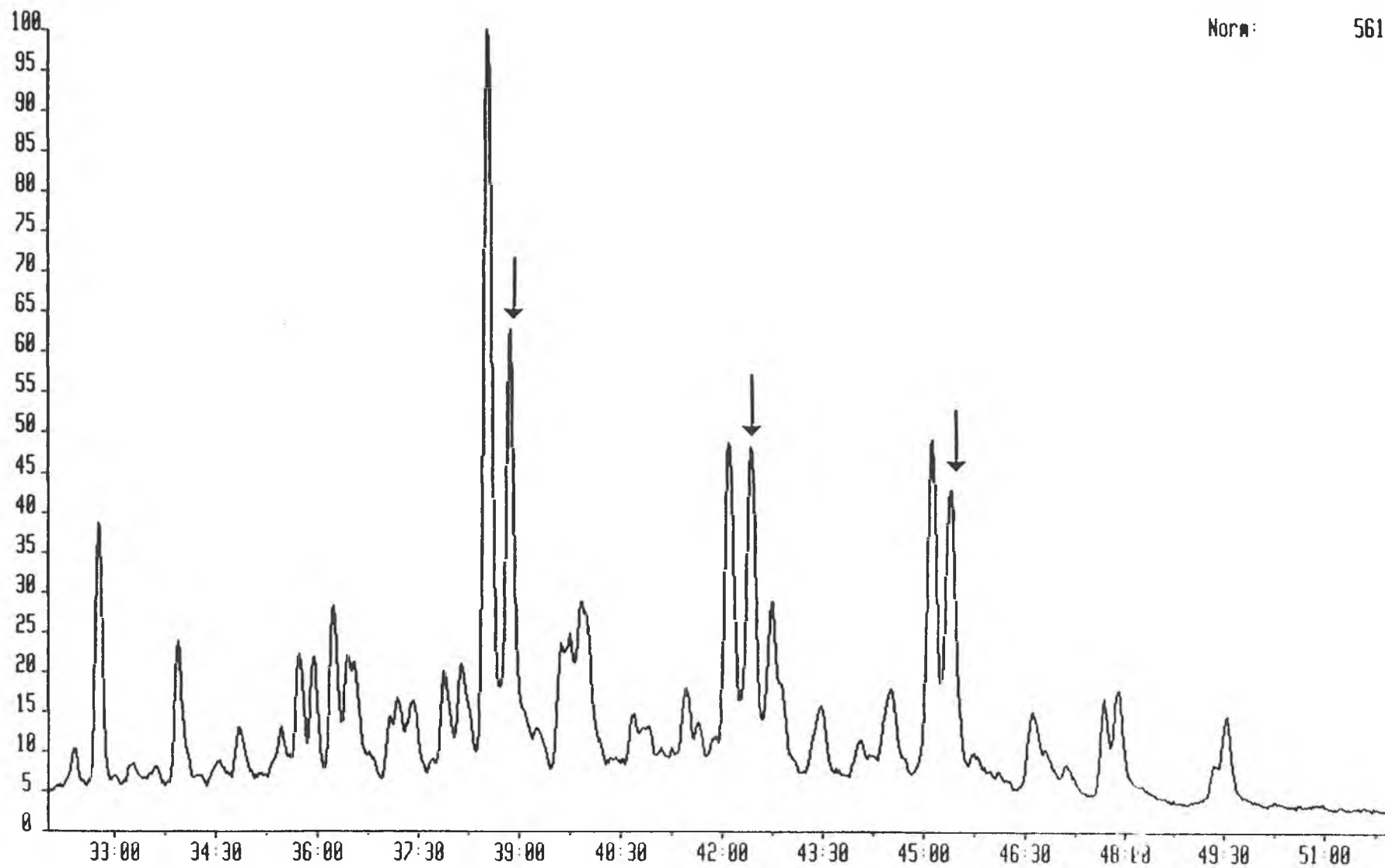
6656C 30-SEP-92 Str:Voltage 70H Sys: SATS1
Sample 3 Injection 1 Group 1 Mass 217.1956
Text: 92H 65 SATS

Norm: 859



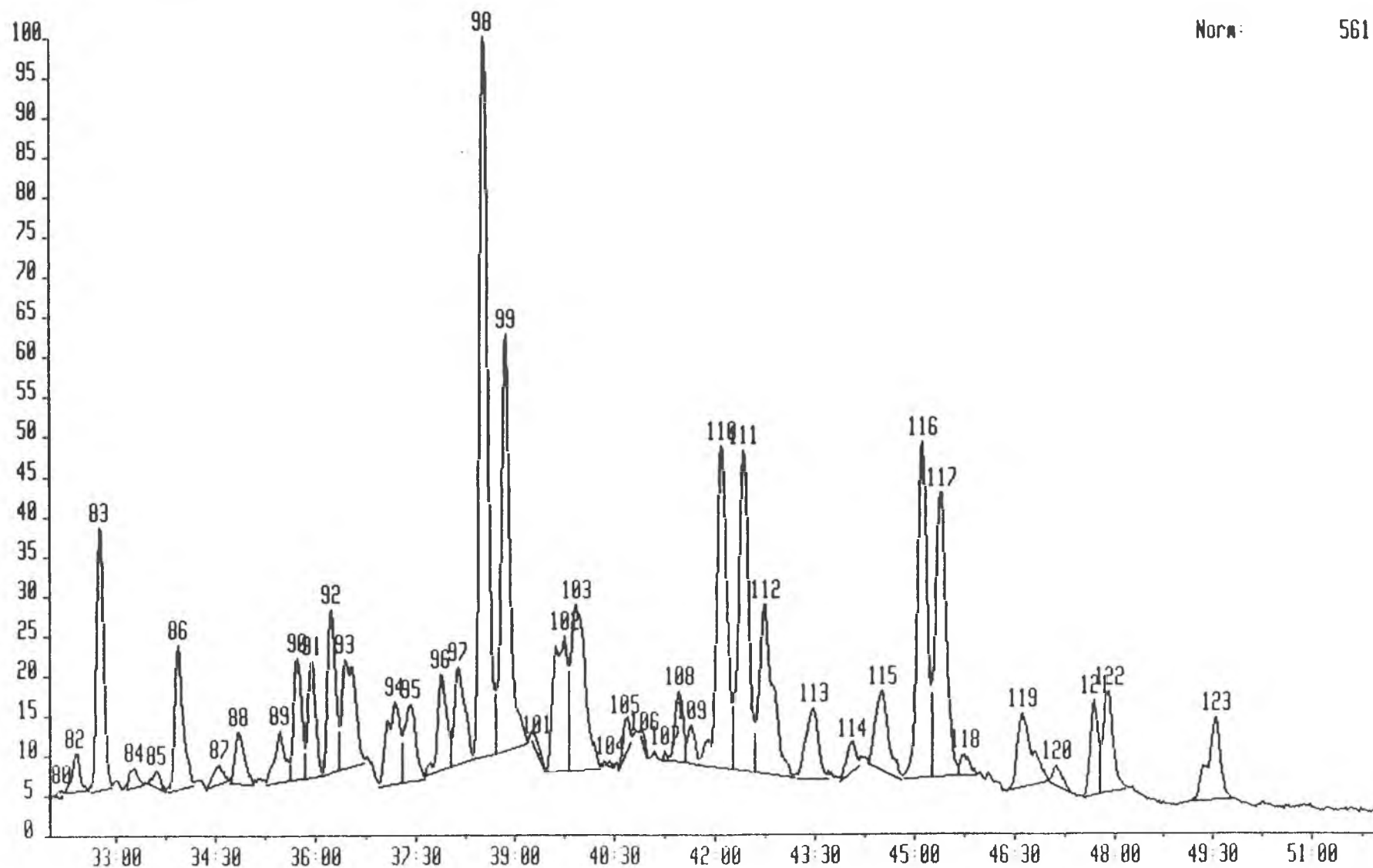
6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 3 Injection 1 Group 1 Mass 210.2034
Text:92H 65 SATS

Norm: 561



6656C 30-SEP-92 Src:Voltage 70W Sys: SATS1
Sample 3 Injection 1 Group 1 Mass 210.2034
Text:92H 65 SATS

Norm: 561



92H65

Mass =====	Ret. Time =====	Scan =====	No. =====	Peak Area =====	Peak Height =====
177.1798		0		0.00	0.00
	0 34 15	3581	78	17.22	8.08
	0 34 54	3661	80	1106.57	58.69
	0 35 25	3725	81	298.97	35.02
	0 35 44	3763	82	584.22	66.70
	0 35 56	3787	83	547.08	69.37
	0 36 20	3837	84	447.46	33.50
	0 36 34	3865	85	268.05	28.67
	0 36 49	3895	86	220.54	24.45
	0 37 4	3926	87	1023.18	60.64
	0 38 1	4043	88	684.91	36.17
	0 38 16	4074	89	352.28	41.82
	0 38 31	4105	90	1666.82	157.14
	0 38 50	4143	91	854.51	49.46
	0 39 16	4195	92	295.07	32.34
	0 39 24	4212	93	90.31	26.58
	0 39 40	4245	95	478.87	42.99
	0 39 56	4278	96	1510.12	88.52
	0 40 20	4326	97	540.38	49.66
	0 40 55	4397	98	2615.86	171.02
	0 41 24	4458	99	346.56	28.91
	0 41 40	4490	100	234.75	32.00
	0 41 49	4508	101	267.18	34.77
	0 42 9	4549	102	977.44	53.83
	0 42 30	4592	103	613.96	50.76
	0 42 45	4623	104	597.78	35.49
	0 43 4	4662	105	215.26	26.89
	0 43 15	4684	106	468.15	34.54
	0 43 35	4724	107	121.95	14.95
	0 43 45	4744	108	100.88	18.84
	0 44 1	4777	109	265.87	24.63
	0 44 12	4801	110	215.58	27.97
	0 44 22	4821	111	406.74	34.85
	0 44 41	4860	112	330.04	28.42
	0 45 5	4908	113	1426.31	112.14
	0 45 21	4941	114	418.29	30.94
	0 45 48	4996	115	405.90	30.40
	0 46 6	5032	116	139.55	21.49
	0 46 16	5053	117	115.16	20.29
	0 46 32	5086	118	1519.04	185.09
	0 46 45	5113	119	1446.32	134.16
	0 47 7	5157	120	112.91	13.35
	0 47 24	5192	121	4.88	5.35
	0 47 27	5197	122	7.16	5.95
	0 47 52	5249	123	229.44	15.61
	0 48 17	5300	124	489.57	47.96
	0 48 42	5352	125	2.83	3.08
	0 48 45	5357	126	4.54	3.91
	0 48 53	5373	127	35.84	6.87
	0 49 5	5397	128	16.57	7.00
	0 49 30	5450	129	1060.58	91.34
	0 49 50	5490	130	13.86	8.65
	0 49 55	5500	131	67.33	10.94
	0 50 3	5516	132	24.04	9.36
	0 50 18	5546	134	233.23	12.63
	0 50 43	5598	135	15.13	6.01
	0 50 58	5628	136	59.45	7.23
	0 50 59	5630	137	7.56	4.02
	0 51 5	5643	138	7.61	3.46
	0 51 13	5659	139	66.14	9.08

0	51	30	5694	140	161.14	10.92
0	51	49	5733	141	16.20	5.68
0	51	52	5738	142	5.42	4.29
0	51	57	5749	143	53.85	7.60
0	52	21	5797	144	35.24	6.92
0	52	40	5837	145	24.46	7.45
0	53	2	5881	146	465.21	33.55
0	53	29	5936	147	200.52	21.20
0	53	56	5992	148	72.89	9.54
0	54	14	6028	149	86.22	8.97
0	54	28	6057	150	25.06	5.36
0	54	34	6070	151	11.18	4.69
0	54	40	6081	152	38.60	7.62
0	54	44	6090	153	34.57	8.69
0	54	51	6104	154	11.82	8.02
0	54	58	6119	155	23.94	6.00
0	55	1	6125	156	47.16	7.33
0	55	11	6145	158	8.37	4.68
0	55	24	6171	159	50.10	5.80
0	55	31	6185	160	14.39	5.66
0	55	36	6195	161	5.37	2.69
0	55	37	6198	162	3.52	3.10
0	55	53	6231	163	182.19	20.66
0	56	28	6303	164	274.64	17.01
0	57	4	6375	165	5.68	2.80
0	57	6	6379	166	28.98	4.42
0	57	32	6433	167	77.02	6.98
0	57	43	6455	168	3.24	2.60
0	58	13	6517	169	4.09	3.94
0	58	17	6524	170	4.67	3.84
0	58	20	6530	171	13.57	4.28
0	58	30	6552	172	28.32	4.60
0	58	34	6560	173	7.54	4.94
0	58	37	6565	174	16.88	5.60
0	58	47	6586	175	34.37	5.57
0	59	13	6638	176	174.53	17.13
0	59	21	6655	177	98.76	9.61
1	0	4	6742	178	278.07	13.03
1	0	21	6778	180	2.86	2.75
1	0	23	6782	181	8.57	5.77
1	0	25	6786	182	8.38	3.78
1	0	29	6794	183	26.72	4.50
1	0	55	6846	184	77.04	6.62
1	1	5	6867	185	57.52	6.61
1	1	20	6898	186	44.81	5.80
1	1	32	6923	187	48.61	6.34
1	1	42	6942	188	3.87	2.89
1	1	51	6962	189	19.50	5.03
1	1	58	6976	190	10.15	4.05
1	2	1	6982	191	10.60	4.74
1	2	4	6988	192	6.11	2.92
1	2	7	6994	193	21.86	6.17
1	2	16	7012	195	11.49	4.52
1	2	20	7020	196	7.21	4.48
1	2	24	7029	197	19.57	5.53
1	2	28	7037	198	1.72	1.63
1	2	40	7062	199	55.86	7.74
1	2	57	7095	201	5.04	3.73
1	3	0	7102	202	6.30	3.73
1	3	7	7117	203	28.43	6.15
1	3	10	7123	204	12.57	5.64
1	3	20	7143	205	34.10	5.23
1	3	28	7159	206	4.26	3.99
1	3	32	7167	207	10.46	5.19
1	3	43	7190	208	175.39	9.73
1	4	8	7240	209	20.86	5.00

1	4	15	7256	210	11.19	5.28
1	4	16	7258	211	37.87	6.09
1	4	29	7283	212	15.58	5.26
1	4	32	7289	213	23.88	6.15
1	4	38	7302	214	85.43	5.84
1	4	58	7343	215	21.63	5.11
1	5	9	7366	216	26.73	5.40
1	5	15	7378	217	8.22	4.65
1	5	25	7398	218	12.37	4.07
1	5	27	7403	219	3.93	4.95
1	5	30	7408	220	10.74	5.47
1	5	33	7415	221	39.40	5.81
1	5	49	7447	222	2.76	3.55
1	5	55	7459	224	7.50	5.36
1	6	3	7475	226	8.54	5.61
1	6	6	7482	227	96.09	8.37
1	6	30	7531	228	35.43	5.11
1	6	40	7551	229	7.74	5.33
1	6	47	7565	231	30.55	6.97
1	7	3	7598	232	8.55	6.53
1	7	23	7638	233	181.19	10.60
1	7	48	7690	234	119.16	8.20
1	8	12	7739	235	23.37	8.66
1	8	15	7744	236	67.52	10.23
1	8	31	7778	237	14.59	4.96
1	8	33	7782	238	8.88	3.89
1	8	42	7800	239	48.87	7.04
1	8	55	7827	240	119.81	9.67
1	9	7	7852	241	19.14	6.03
1	9	19	7876	242	51.92	6.34
1	9	25	7887	244	19.66	5.24
1	9	30	7897	245	9.22	7.00
1	9	32	7902	246	8.18	5.87
1	9	49	7937	247	111.21	10.06
1	9	55	7950	249	10.32	7.08
1	9	57	7954	250	12.14	6.20
			0		0.00	0.00
0	34	18	3587	88	102.43	13.04
0	34	31	3615	89	64.26	10.47
0	34	55	3663	90	524.46	45.66
0	35	12	3698	91	6.30	8.97
0	35	27	3729	92	91.85	13.35
0	35	41	3758	93	242.37	31.76
0	35	56	3788	94	262.14	30.01
0	36	9	3814	95	298.92	37.94
0	36	19	3834	96	544.48	58.86
0	36	39	3875	97	197.84	25.97
0	36	48	3894	98	401.39	51.57
0	37	2	3923	99	508.01	35.09
0	37	31	3981	100	4.59	4.91
0	37	33	3985	101	34.87	8.43
0	37	48	4016	102	51.05	10.70
0	38	7	4056	103	84.41	12.40
0	38	32	4106	104	1262.15	84.50
0	39	0	4164	105	928.27	79.11
0	39	17	4198	106	57.47	13.02
0	39	32	4228	107	373.42	26.39
0	39	59	4283	108	303.66	32.44
0	40	19	4324	109	2015.20	269.40
0	40	47	4381	110	209.96	20.74
0	41	14	4437	111	480.89	45.79
0	41	41	4492	112	1419.99	185.72
0	42	11	4553	113	528.94	40.17
0	42	29	4589	114	430.25	43.28
0	42	45	4622	115	323.05	26.27
0	43	10	4674	116	184.34	20.52

191.1798

0	43	22	4698	117	56.98	12.74
0	43	29	4712	118	10.64	6.66
0	43	42	4739	119	75.06	10.77
0	44	3	4781	120	151.07	19.59
0	44	12	4801	121	460.66	50.52
0	44	25	4826	122	401.64	45.55
0	44	43	4864	123	316.73	39.49
0	45	6	4911	124	4778.86	372.20
0	45	49	4997	125	99.12	14.52
0	46	7	5034	126	218.79	34.25
0	46	31	5084	127	4426.07	575.05
0	46	45	5112	128	2148.08	224.57
0	47	24	5192	129	489.37	59.90
0	47	53	5252	130	308.17	27.59
0	48	4	5274	131	296.07	33.74
0	48	17	5300	132	937.23	90.09
0	48	39	5345	133	180.05	20.24
0	48	56	5379	134	96.61	13.57
0	49	30	5449	135	12261.60	1287.21
0	50	14	5539	136	415.88	44.20
0	50	35	5581	137	235.09	32.52
0	50	53	5618	138	749.12	82.99
0	51	12	5658	139	155.93	18.01
0	51	32	5698	140	160.87	17.08
0	51	53	5741	141	68.74	11.45
0	52	2	5759	142	14.89	6.39
0	52	12	5780	144	48.51	7.74
0	52	27	5811	145	313.76	25.96
0	53	3	5883	146	3526.67	364.33
0	53	30	5938	147	2486.77	231.10
0	53	58	5996	148	358.27	32.49
0	54	12	6025	149	475.80	44.67
0	54	41	6084	150	378.49	40.89
0	55	2	6127	151	44.32	7.89
0	55	16	6156	152	20.58	6.23
0	55	24	6172	153	47.29	7.58
0	55	53	6230	154	1944.43	193.11
0	56	30	6306	155	1537.18	133.53
0	57	9	6386	156	33.15	5.94
0	57	34	6436	157	156.86	19.28
0	57	51	6471	158	207.13	14.59
0	58	24	6538	159	85.46	11.32
0	59	11	6635	160	1673.86	148.25
1	0	3	6740	161	900.06	97.42
1	0	55	6847	162	192.40	18.49
1	1	28	6914	163	77.54	11.06
1	1	47	6954	164	3.32	3.50
1	1	51	6961	165	37.97	8.99
1	2	40	7061	166	739.60	77.81
1	3	42	7187	167	526.82	55.18
1	4	32	7290	168	87.51	7.83
1	4	52	7331	169	36.70	6.83
1	5	8	7364	170	77.10	7.72
1	5	22	7392	171	13.86	5.28
1	5	31	7410	172	34.28	4.78
1	5	44	7437	174	3.72	2.17
1	5	46	7440	175	13.38	5.01
1	5	50	7449	176	8.21	4.02
1	6	6	7482	177	742.00	74.74
1	7	21	7634	178	544.35	52.42
1	8	3	7720	179	158.32	12.79
1	8	23	7762	180	66.90	11.29
1	8	30	7775	181	29.03	9.25
1	8	50	7817	182	137.76	13.13
1	9	5	7847	183	14.20	6.24
1	9	32	7902	185	161.92	16.63

217.1956

			0		0.00	0.00
0	32	22	3351	74	304.29	28.11
0	32	45	3397	75	4471.77	636.09
0	33	15	3459	76	438.40	47.86
0	33	25	3480	77	218.12	21.86
0	33	36	3502	78	141.07	25.05
0	33	56	3542	79	2769.16	375.90
0	34	16	3584	80	56.16	10.08
0	34	32	3616	81	251.16	36.74
0	34	50	3653	82	1167.57	131.02
0	35	5	3684	83	52.06	7.99
0	35	27	3729	84	1053.15	140.94
0	35	43	3761	85	2006.41	259.77
0	35	56	3788	86	2231.30	284.91
0	36	13	3823	87	1059.53	120.99
0	36	32	3861	88	1755.94	118.89
0	36	47	3891	89	313.60	43.60
0	37	11	3941	90	3428.87	192.77
0	37	58	4037	91	1354.54	116.57
0	38	7	4056	92	2642.97	204.01
0	38	31	4104	93	7285.46	782.53
0	38	51	4144	94	4208.12	358.70
0	39	21	4207	95	855.01	65.44
0	39	37	4238	96	2560.03	203.52
0	39	57	4280	97	4301.18	301.36
0	40	27	4340	98	520.65	42.17
0	40	40	4367	99	875.59	99.98
0	40	49	4386	100	1381.97	116.26
0	41	5	4419	101	987.82	81.57
0	41	27	4463	102	1280.33	124.62
0	41	38	4485	103	690.67	92.14
0	41	52	4514	104	1063.09	116.24
0	42	6	4542	105	2826.63	241.14
0	42	25	4582	106	3046.37	263.52
0	42	43	4619	107	2275.86	138.67
0	43	25	4705	108	1413.96	99.05
0	43	45	4745	109	125.24	18.65
0	44	3	4781	110	411.39	39.88
0	44	25	4826	111	2473.01	136.77
0	45	5	4909	112	3309.72	297.11
0	45	23	4944	113	2123.03	199.40
0	45	46	4991	114	308.76	25.42
0	46	37	5096	115	1490.14	130.43
0	46	50	5122	116	905.58	76.32
0	47	6	5155	117	417.08	35.26
0	47	40	5225	118	615.61	79.03
0	47	53	5252	119	1466.02	103.83
0	48	17	5300	120	491.98	31.95
0	48	59	5385	121	8.28	5.02
0	49	19	5427	122	1259.05	62.15
0	50	12	5534	123	31.75	6.71
0	50	33	5578	124	24.41	5.37
0	50	55	5623	126	44.26	5.55
0	51	35	5705	127	17.74	4.64
0	51	41	5717	129	17.07	4.67
0	51	44	5723	130	2.37	1.96
0	51	53	5740	132	7.33	3.89

218.2034

			0		0.00	0.00
0	32	10	3326	80	17.32	6.05
0	32	22	3351	82	174.30	26.38
0	32	44	3396	83	1241.16	184.77
0	33	15	3460	84	100.48	13.55
0	33	36	3502	85	83.04	11.61
0	33	56	3543	86	815.83	101.71
0	34	33	3618	87	118.26	13.04
0	34	50	3653	88	340.13	36.70

0 35 27	3729	89	354.43	36.26
0 35 43	3761	90	662.16	85.81
0 35 56	3787	91	606.05	81.73
0 36 13	3823	92	896.46	115.44
0 36 25	3847	93	959.17	77.64
0 37 11	3940	94	769.00	58.66
0 37 25	3969	95	580.89	54.43
0 37 52	4024	96	593.51	67.42
0 38 7	4055	97	722.41	68.96
0 38 30	4103	98	3987.07	507.13
0 38 51	4144	99	2526.35	293.31
0 39 19	4203	101	74.41	10.46
0 39 43	4252	102	1255.23	95.41
0 39 54	4274	103	1717.61	117.00
0 40 25	4337	104	15.15	4.28
0 40 39	4365	105	136.30	25.30
0 40 56	4400	106	30.47	8.51
0 41 14	4436	107	13.04	6.92
0 41 27	4463	108	382.69	49.68
0 41 38	4486	109	189.43	26.63
0 42 5	4540	110	2317.48	226.26
0 42 25	4581	111	2241.35	225.66
0 42 44	4620	112	1549.09	119.27
0 43 27	4709	113	604.13	49.33
0 44 2	4779	114	187.45	20.80
0 44 30	4836	115	739.69	56.01
0 45 5	4909	116	2232.51	237.02
0 45 23	4944	117	2126.45	200.52
0 45 44	4987	118	131.85	14.57
0 46 36	5094	119	741.24	52.08
0 47 6	5156	120	107.83	13.56
0 47 41	5226	121	478.68	66.76
0 47 53	5252	122	721.70	70.85
0 49 30	5450	123	732.45	58.96
	0		0.00	0.00
0 32 20	3346	75	149.03	13.85
0 32 45	3397	76	1968.64	262.50
0 33 15	3460	77	360.73	20.18
0 33 35	3500	78	46.37	7.47
0 33 56	3542	79	1198.67	165.19
0 34 17	3585	80	55.76	9.45
0 34 32	3617	81	340.58	35.91
0 34 49	3651	82	579.90	38.13
0 35 8	3690	83	89.41	13.32
0 35 27	3728	84	224.50	34.84
0 35 42	3759	85	1105.01	115.73
0 35 55	3786	86	862.60	113.88
0 36 13	3822	87	366.69	19.59
0 36 49	3896	88	125.46	15.57
0 37 3	3925	89	1511.64	89.66
0 37 58	4037	90	248.80	21.17
0 38 32	4106	91	1914.83	205.55
0 38 50	4143	92	865.71	53.11
0 39 20	4204	93	153.08	17.76
0 39 41	4247	94	113.72	16.02
0 39 57	4280	95	1197.46	99.70
0 40 25	4337	96	86.70	9.30
0 40 40	4367	97	205.07	34.42
0 40 51	4390	98	726.42	43.03
0 41 25	4459	99	83.79	10.63
0 41 36	4482	100	166.51	20.19
0 41 49	4509	101	212.02	24.35
0 42 4	4539	102	349.00	26.19
0 42 26	4583	103	426.05	37.42
0 42 45	4622	104	249.78	21.09
0 42 59	4652	105	18.24	4.73

259.2426

0 43 13	4679	106	68.52	7.77
0 43 30	4714	107	11.78	3.20
0 43 45	4745	108	128.08	16.91
0 44 1	4777	109	84.75	10.39
0 44 23	4822	110	158.21	8.70
0 45 6	4910	111	260.18	26.80
0 45 22	4942	112	156.11	15.65
0 45 48	4996	113	58.82	6.78
0 46 6	5033	114	83.84	13.72
0 46 16	5054	115	74.45	9.57
0 46 32	5085	116	174.25	13.57
0 47 6	5156	117	20.53	3.33
0 47 20	5183	118	113.43	11.41
0 47 50	5245	119	188.40	10.54
0 48 18	5303	120	256.90	13.38
0 48 47	5362	121	43.28	5.72
0 49 5	5398	122	54.75	5.46
0 49 30	5450	123	226.65	19.19
0 49 46	5482	124	4.19	2.98
0 49 56	5502	125	33.49	4.00
0 50 6	5522	126	5.19	1.82
0 50 15	5540	127	19.00	3.96
0 50 34	5579	129	19.91	3.29
0 50 39	5589	130	13.23	4.32
0 50 45	5603	132	47.80	4.13
0 51 6	5644	133	5.59	2.11
0 51 18	5669	134	25.68	3.29
0 51 36	5706	135	72.29	5.55

Figure 10.4

SATURATE MASS FRAGMENTOGRAMS

DEPTH: 2587.5m

SAMPLE NO.: 2H 67

Total Ion Current

M/Z 177

M/Z 191

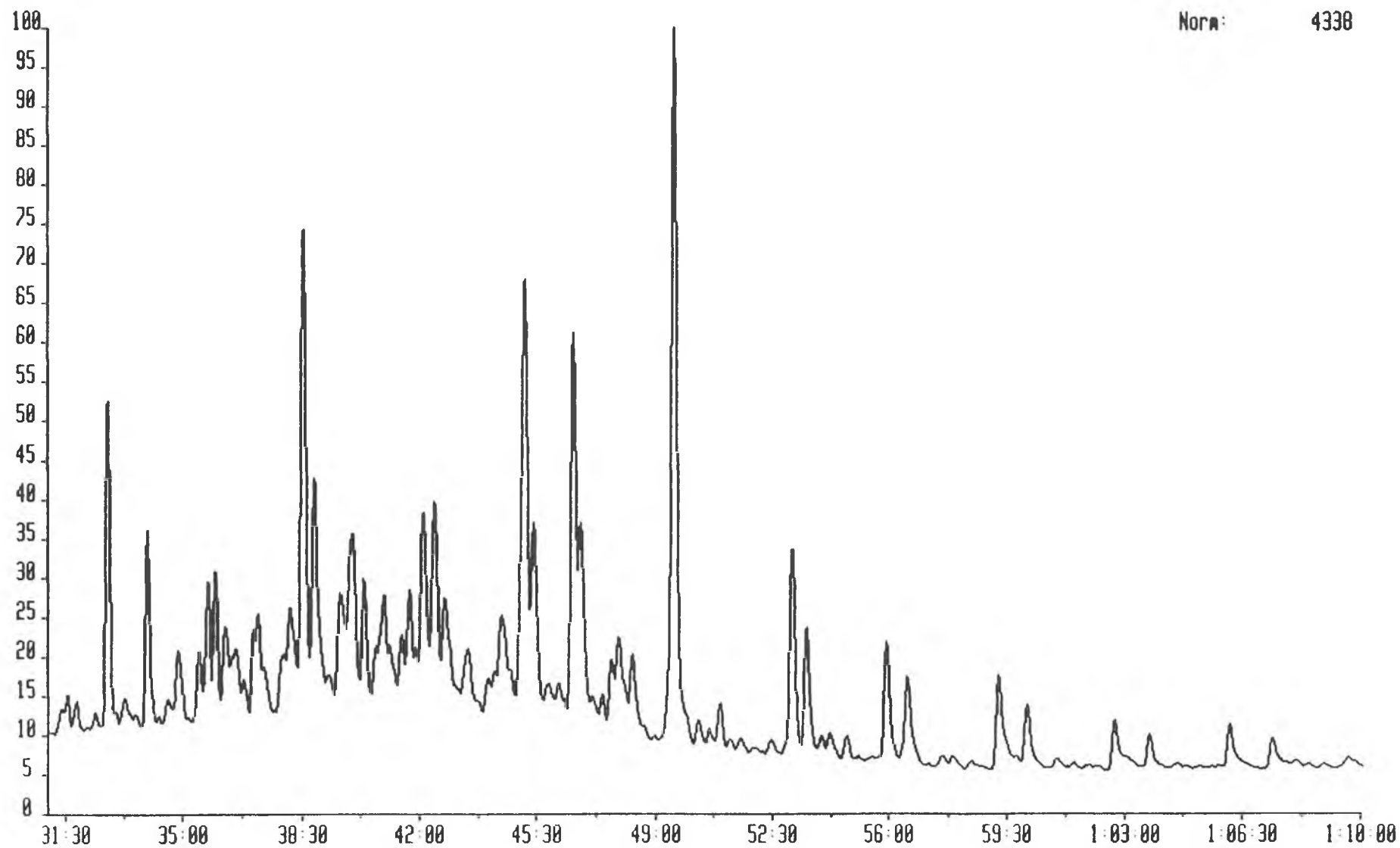
M/Z 217

M/Z 218

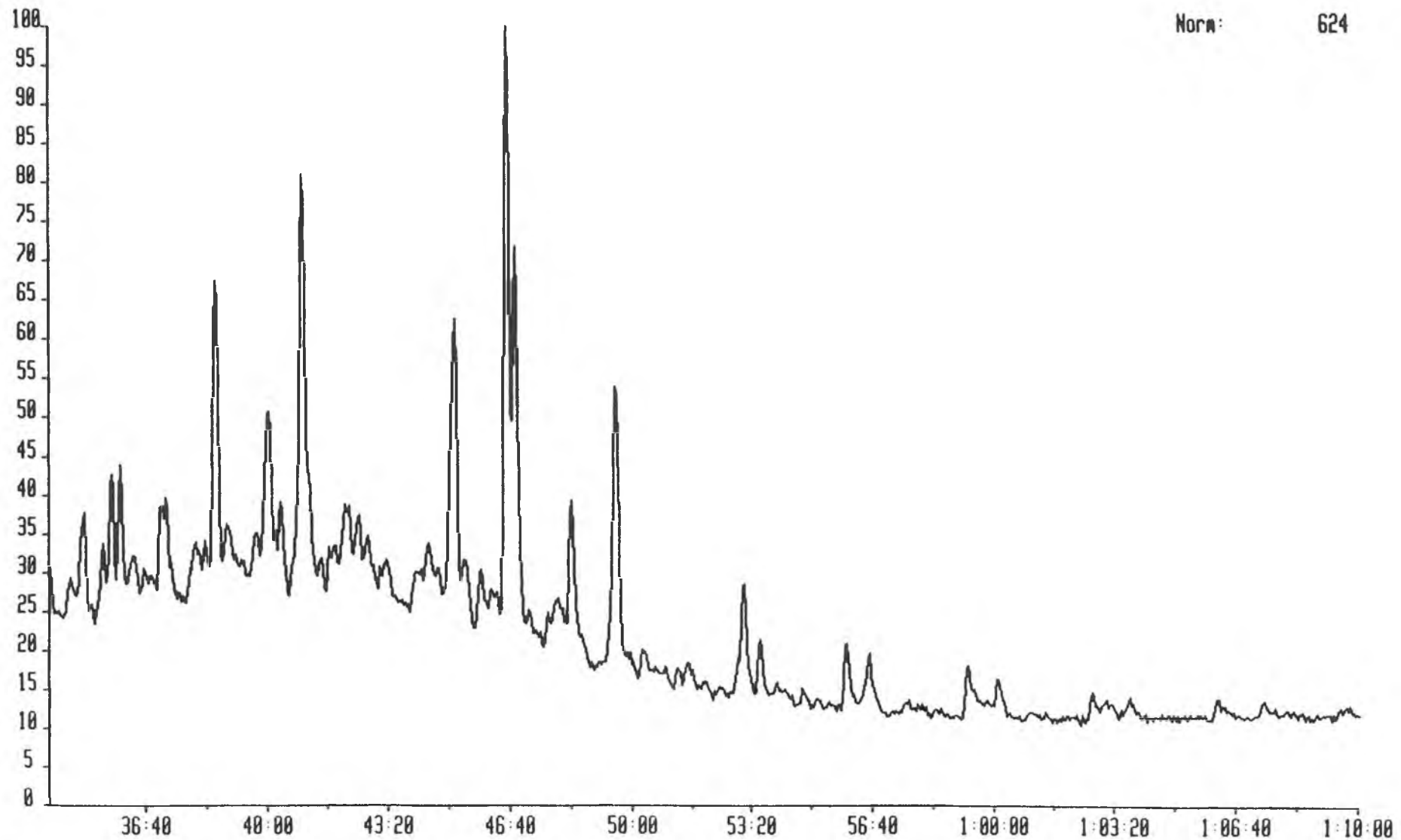
Quantification data

A 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 4 Injection 1 Group 1 TOTAL ION CURRENT
Text:92H 67 SATS

Norm: 4338

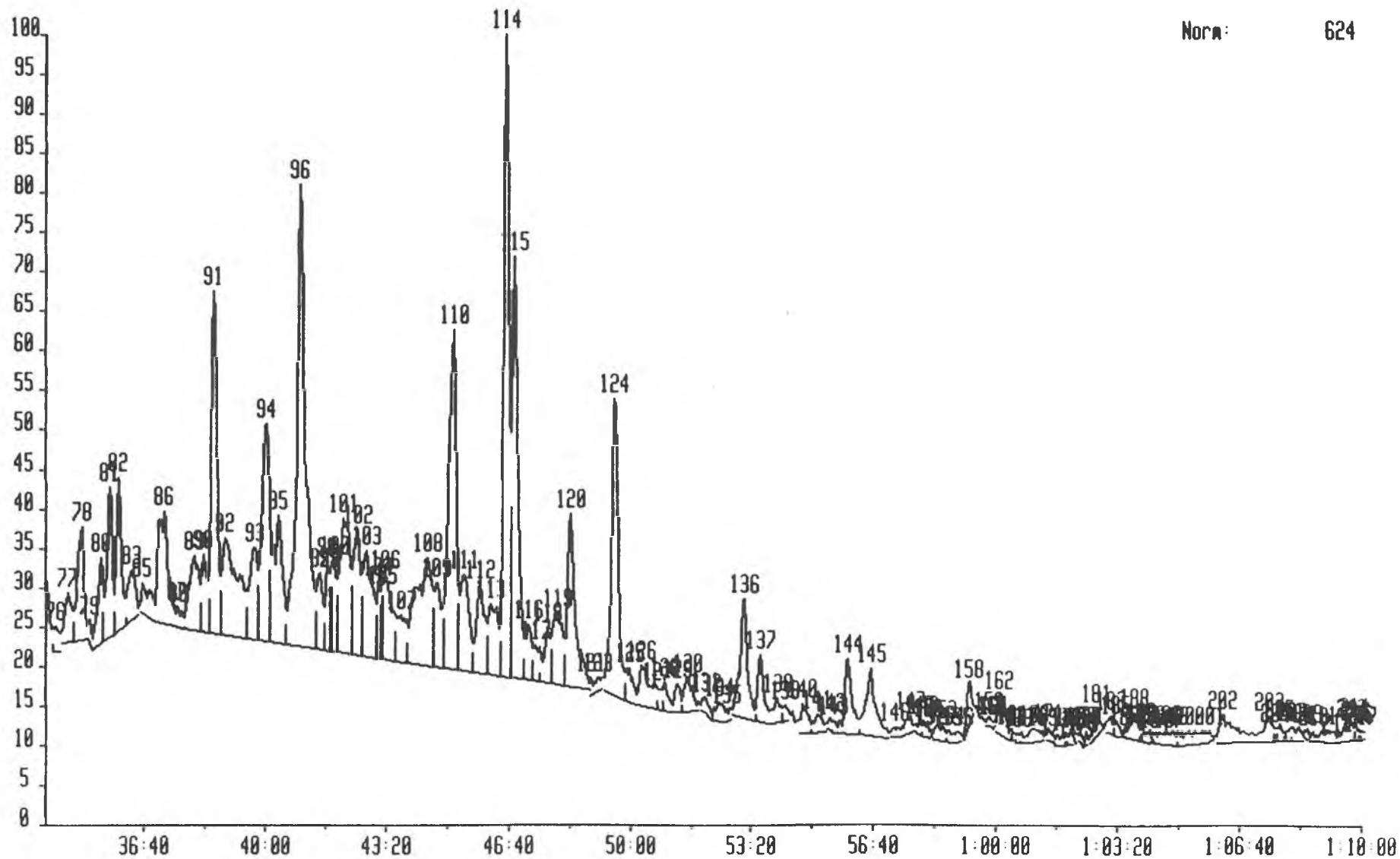


665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 4 Injection 1 Group 1 Mass 177.1798
Text: 92H 67 SATS



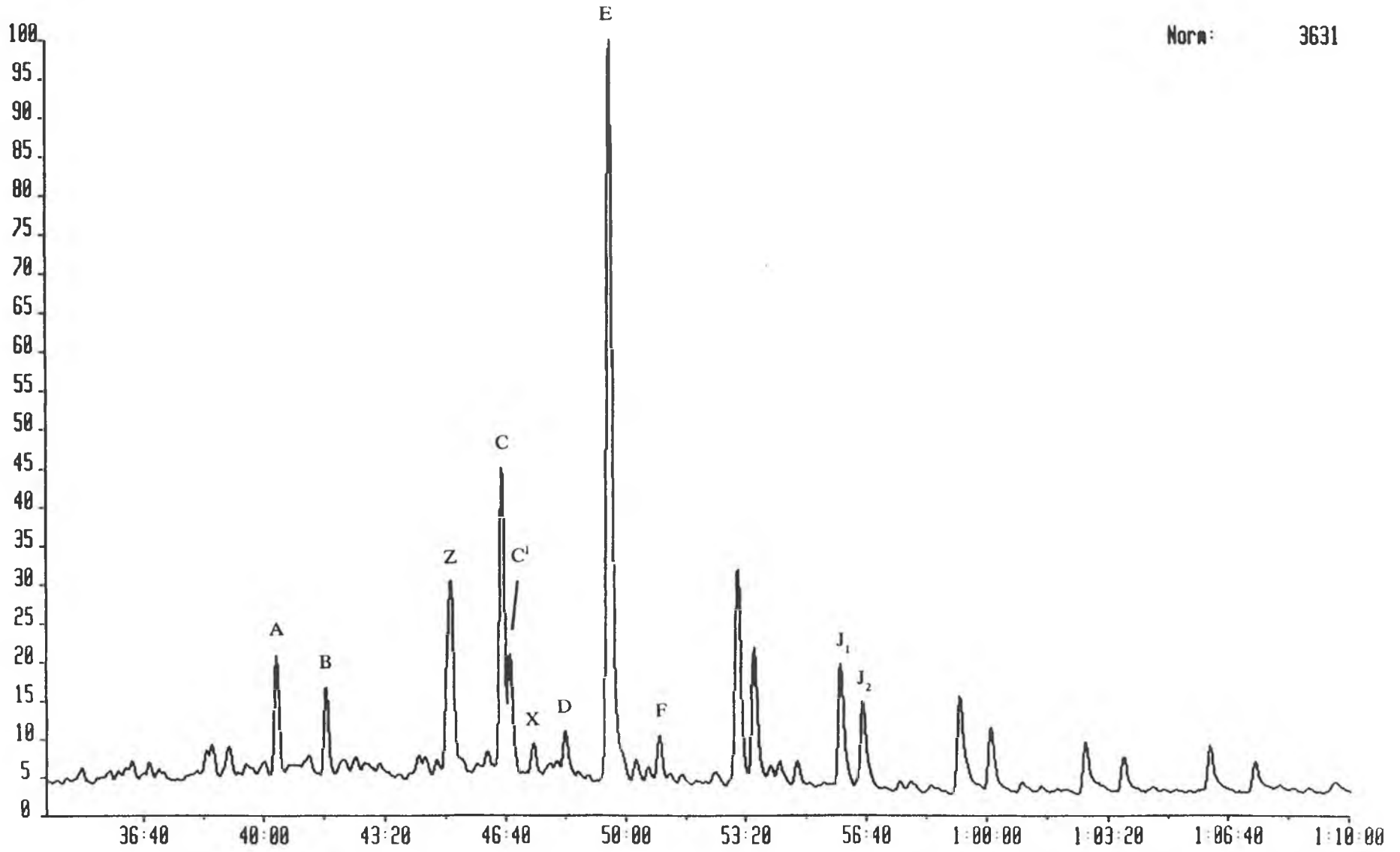
6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 4 Injection 1 Group 1 Mass 177.1798
Text:92H 67 SATS

Norm: 624

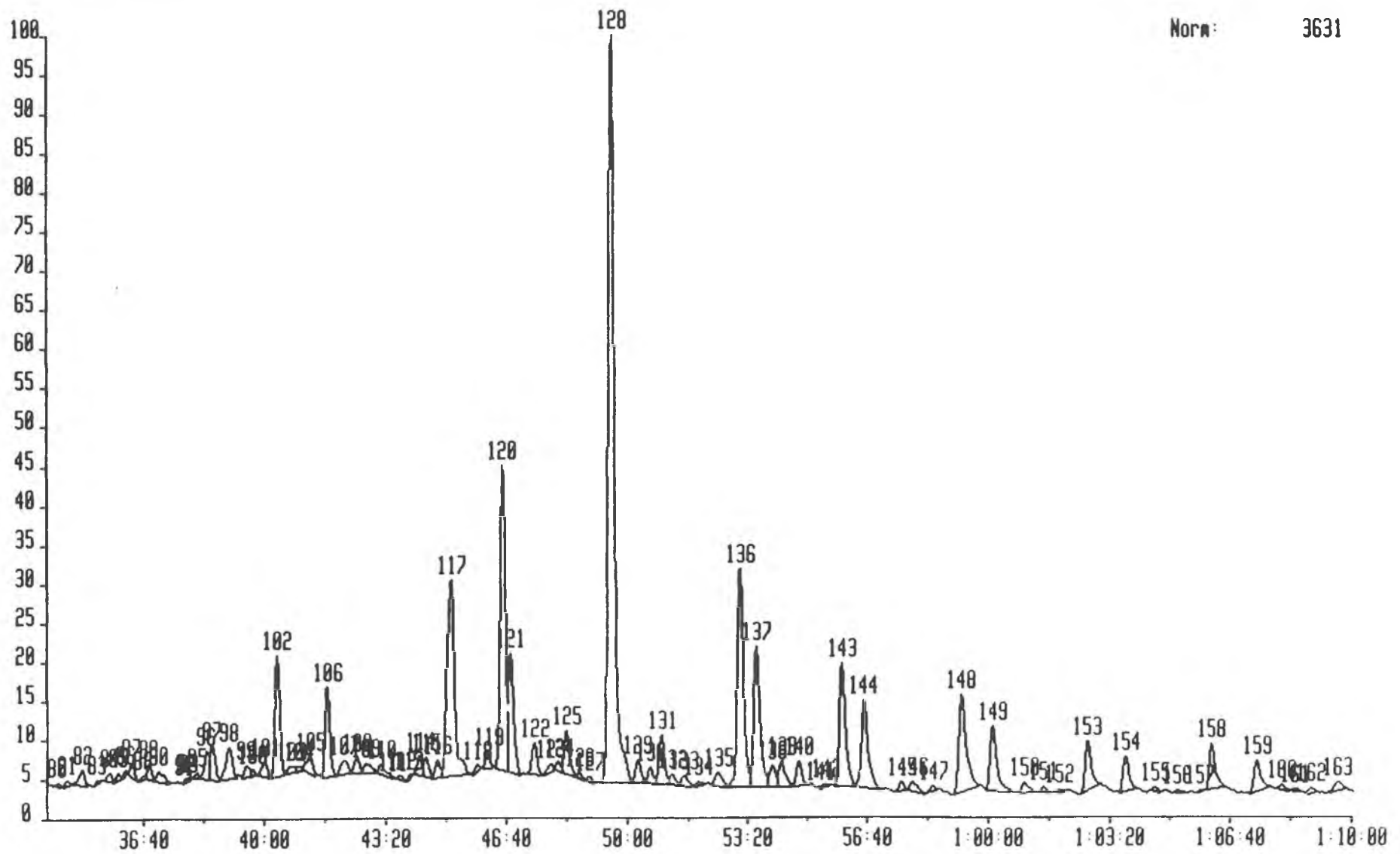


6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 4 Injection 1 Group 1 Mass 191.1798
Text:92H 67 SATS

Norm: 3631



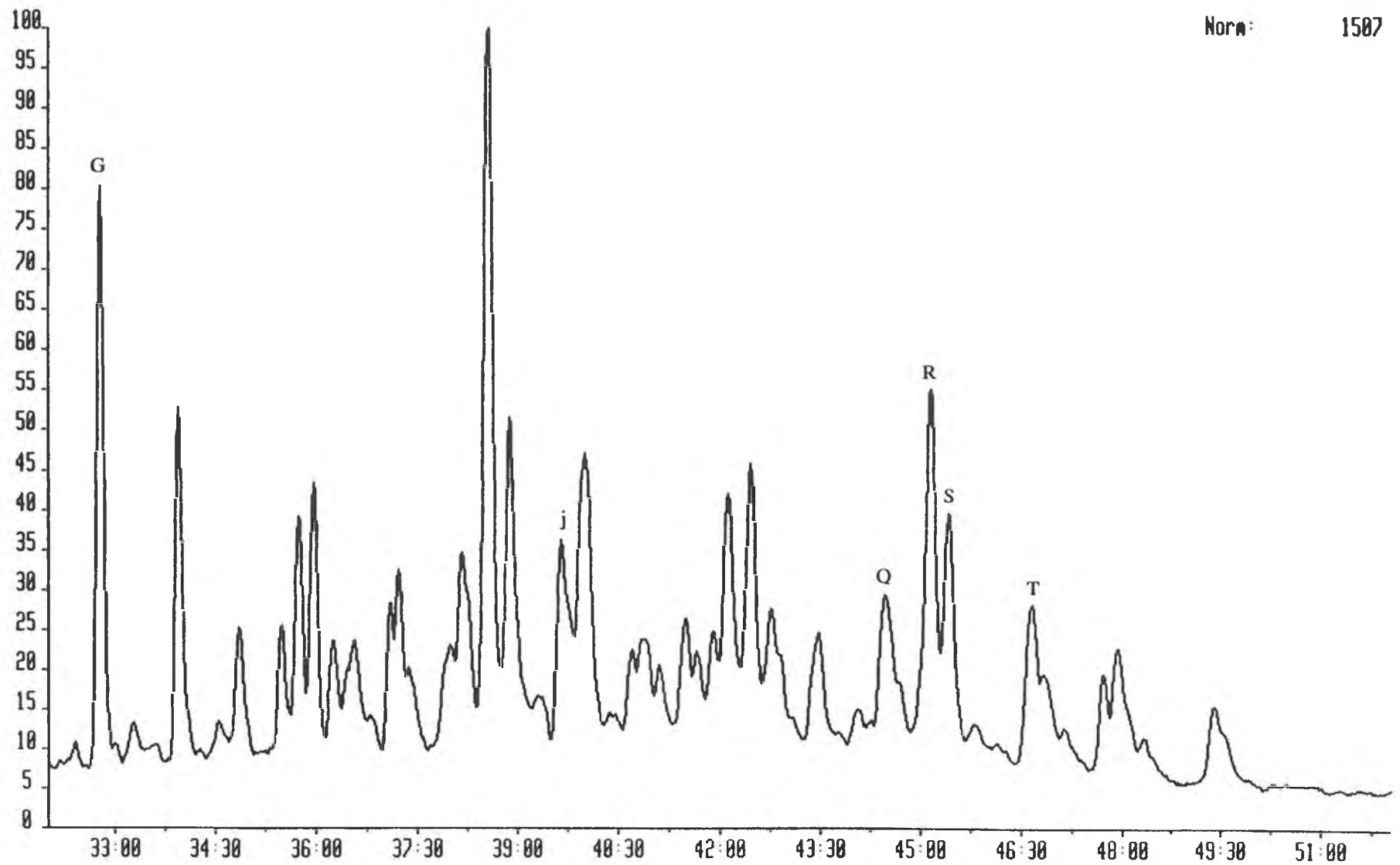
665GC 30-SEP-92 Str:Voltage 70H Sys: SATS1
Sample 4 Injection 1 Group 1 Mass 191.1798
Text:92H 67 SATS



Norm: 3631

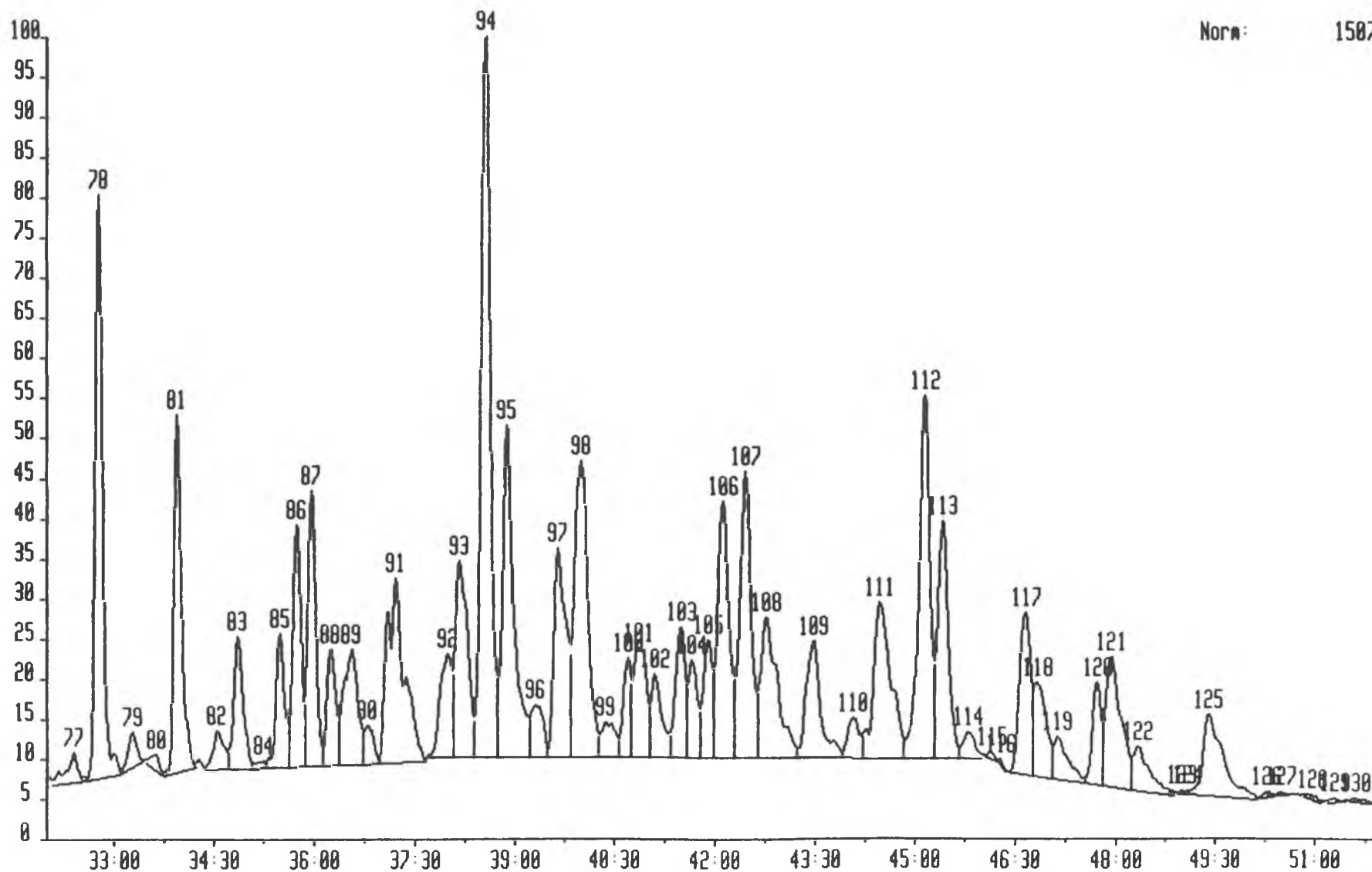
6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 4 Injection 1 Group 1 Mass 217.1956
Text:92H 67 SATS

Norm: 1587



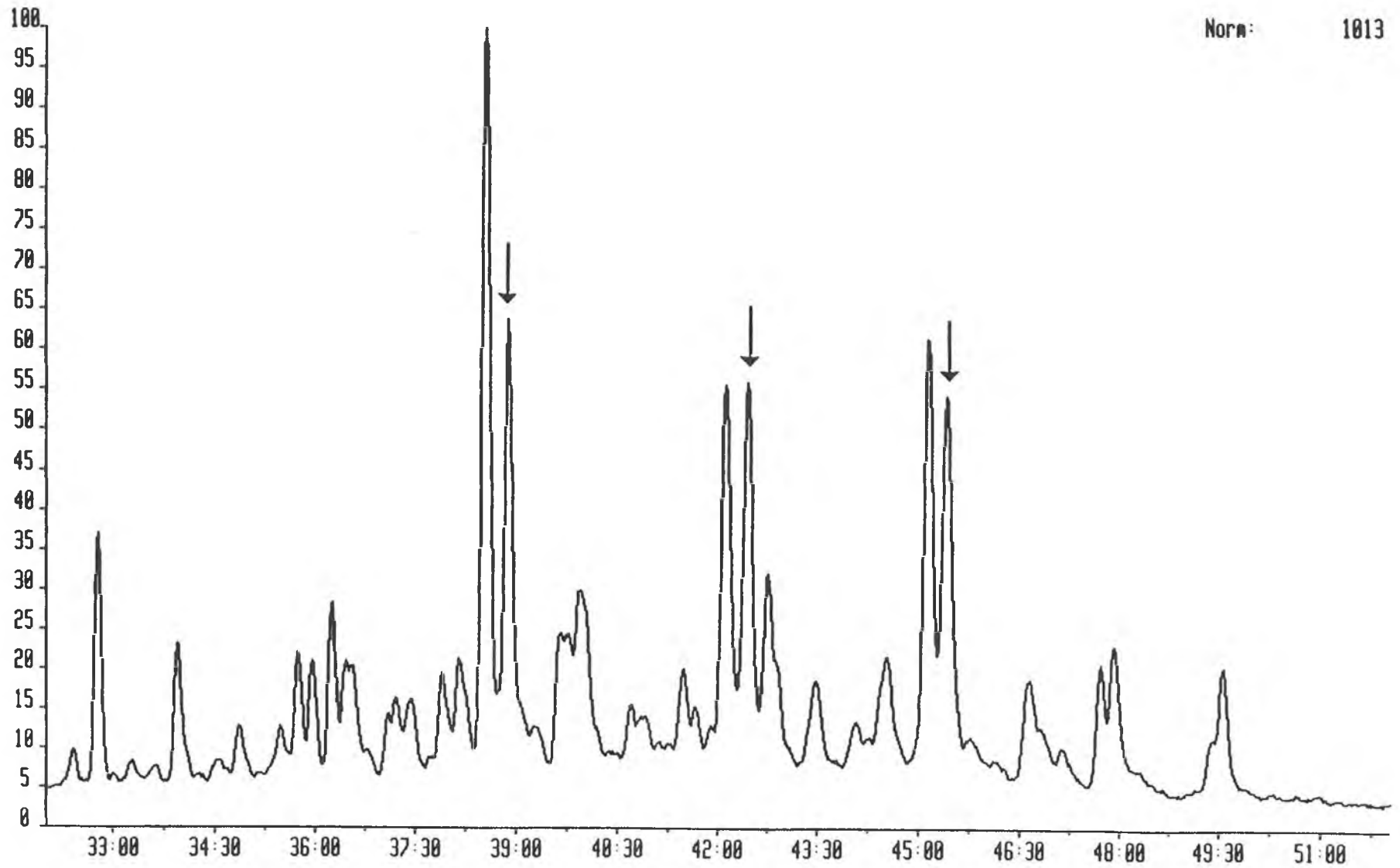
665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 4 Injection 1 Group 1 Mass 217.1956
Text:92H 67 SATS

Norm: 1507

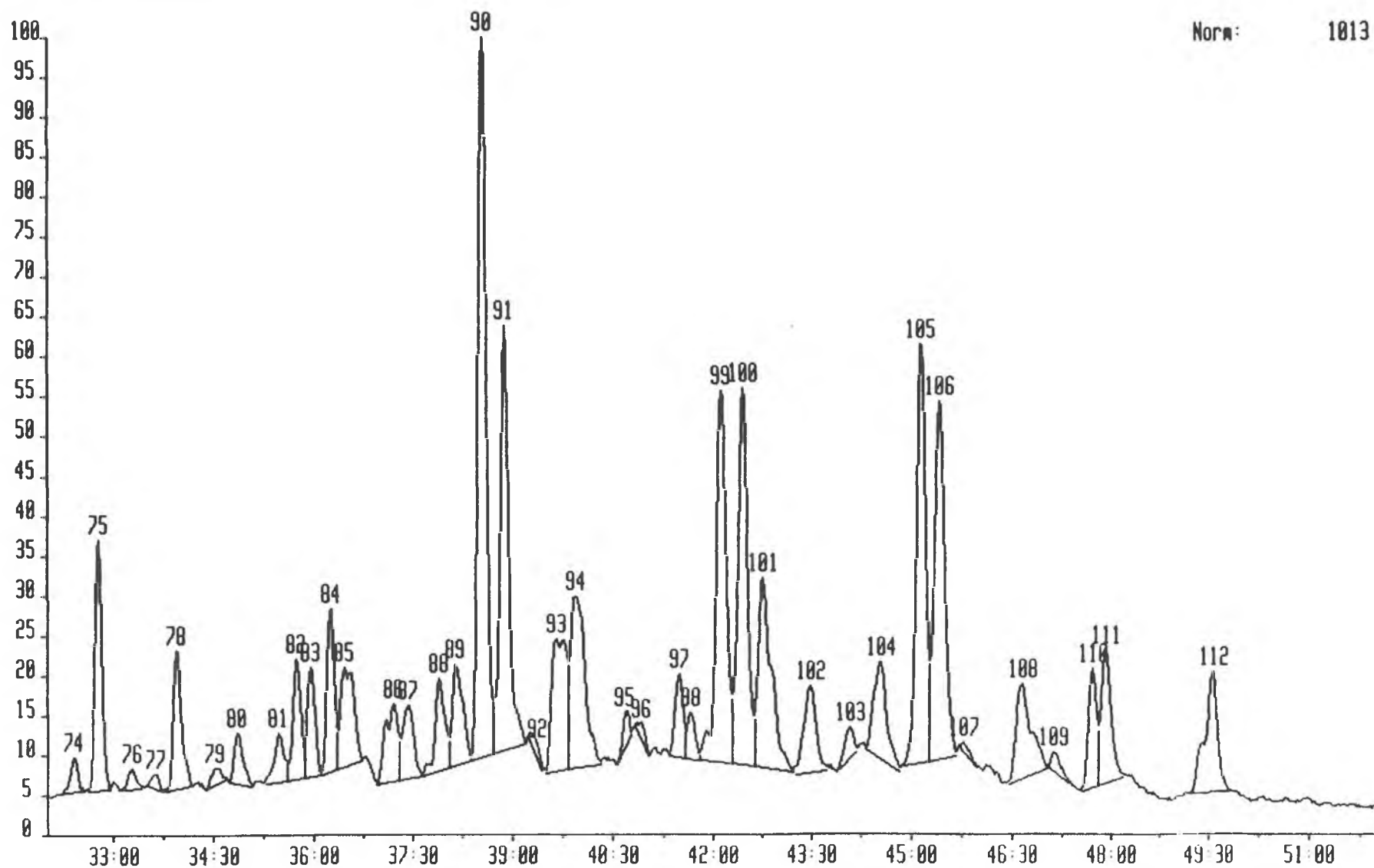


6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 4 Injection 1 Group 1 Mass 218.2034
Text:92H 67 SATS

Norm: 1013



665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 4 Injection 1 Group 1 Mass 210.2034
Text:92H 67 SATS



Norm: 1013

92H67

Mass =====	Ret. Time =====	Scan =====	No. =====	Peak Area =====	Peak Height =====
177.1798		0		0.00	0.00
	0 34 16	3583	76	150.48	19.78
	0 34 33	3618	77	420.45	39.08
	0 34 57	3667	78	953.39	90.27
	0 35 10	3694	79	70.94	18.31
	0 35 28	3730	80	558.21	68.50
	0 35 43	3762	81	1092.93	118.23
	0 35 58	3791	82	959.27	120.86
	0 36 19	3834	83	462.43	39.73
	0 36 36	3870	85	298.68	24.02
	0 37 12	3943	86	1414.06	89.56
	0 37 34	3987	87	20.34	17.15
	0 37 36	3991	88	73.96	16.28
	0 38 1	4043	89	948.65	59.72
	0 38 16	4074	90	528.13	61.37
	0 38 32	4107	91	2565.20	271.12
	0 38 52	4147	92	2002.81	77.14
	0 39 42	4250	93	1061.55	72.83
	0 40 0	4285	94	2134.27	172.87
	0 40 20	4326	95	1659.38	101.10
	0 40 56	4401	96	5550.41	365.41
	0 41 29	4467	97	603.20	61.23
	0 41 41	4491	98	487.60	70.35
	0 41 46	4502	99	137.88	61.83
	0 41 51	4513	100	559.44	73.01
	0 42 8	4547	101	2026.08	106.61
	0 42 30	4592	102	1219.18	99.24
	0 42 45	4622	103	1367.48	83.89
	0 43 5	4663	104	393.94	61.59
	0 43 11	4675	105	127.54	54.94
	0 43 16	4685	106	1034.25	68.01
	0 43 42	4739	107	550.91	37.12
	0 44 25	4827	108	2374.43	85.43
	0 44 40	4858	109	769.04	66.92
	0 45 7	4912	110	3585.70	269.22
	0 45 24	4946	111	1195.43	76.50
	0 45 51	5002	112	983.79	70.68
	0 46 9	5038	113	922.10	57.04
	0 46 32	5086	114	4093.37	509.00
	0 46 46	5114	115	3394.27	334.58
	0 47 10	5163	116	428.17	44.77
	0 47 21	5186	117	295.25	28.22
	0 47 41	5227	118	452.27	44.83
	0 47 58	5262	119	923.32	57.20
	0 48 18	5303	120	1797.72	136.68
	0 48 51	5370	121	9.22	9.52
	0 49 5	5398	123	116.72	10.90
	0 49 31	5451	124	2562.51	235.21
	0 49 56	5503	125	274.51	26.64
	0 50 16	5543	126	556.12	31.89
	0 50 43	5597	127	120.47	17.63
	0 50 55	5622	128	180.19	22.31
	0 51 15	5663	129	188.98	22.77
	0 51 33	5699	130	353.76	26.75
	0 51 59	5754	131	46.84	11.63
	0 52 4	5763	132	54.04	12.06
	0 52 25	5806	134	156.67	14.45
	0 52 37	5831	135	37.59	9.70
	0 53 4	5886	136	1146.90	94.96
	0 53 32	5942	137	495.79	53.05

0	54	0	5999	138	213.16	18.98
0	54	12	6024	139	73.91	12.61
0	54	41	6083	140	243.44	23.71
0	55	4	6131	141	157.67	14.20
0	55	25	6174	142	35.16	9.17
0	55	29	6182	143	10.36	9.01
0	55	55	6235	144	783.01	59.23
0	56	32	6310	145	873.73	53.46
0	57	12	6391	146	47.54	8.37
0	57	37	6442	147	168.12	14.07
0	57	50	6469	148	55.74	10.07
0	57	59	6487	149	24.43	12.34
0	58	5	6499	150	25.93	10.62
0	58	7	6505	151	6.03	4.95
0	58	9	6508	152	7.59	6.89
0	58	28	6547	153	136.96	12.69
0	58	40	6572	154	37.58	10.03
0	58	52	6596	155	44.09	8.31
0	58	55	6603	156	31.15	8.11
0	59	12	6637	158	216.30	33.49
0	59	45	6704	159	26.53	7.40
0	59	49	6713	160	6.88	4.90
0	59	54	6722	161	6.90	5.57
1	0	3	6741	162	336.50	31.05
1	0	21	6777	163	20.28	7.84
1	0	24	6784	164	25.91	8.39
1	0	33	6802	166	23.37	8.01
1	0	41	6819	167	45.21	8.26
1	1	0	6857	168	137.65	10.67
1	1	13	6884	169	11.84	7.65
1	1	22	6903	171	58.62	10.13
1	1	35	6929	172	4.45	4.06
1	1	51	6961	173	75.39	11.10
1	1	52	6964	174	14.25	7.00
1	1	59	6977	175	58.47	9.93
1	2	8	6996	176	5.64	4.63
1	2	15	7011	177	11.08	8.57
1	2	18	7017	178	11.15	7.33
1	2	20	7021	179	15.60	7.38
1	2	25	7031	180	23.28	11.16
1	2	42	7066	181	174.71	21.84
1	3	6	7115	183	92.70	13.97
1	3	14	7130	185	58.80	12.65
1	3	26	7156	187	4.78	4.10
1	3	44	7192	188	226.83	21.17
1	3	54	7213	189	13.77	8.51
1	3	56	7216	190	85.82	11.45
1	4	11	7246	192	7.68	10.50
1	4	16	7258	194	5.79	6.28
1	4	36	7298	196	125.03	11.80
1	4	40	7307	197	21.25	8.06
1	4	48	7322	198	81.72	11.01
1	5	15	7377	200	298.25	11.37
1	5	48	7445	201	30.82	8.57
1	6	9	7488	202	492.76	22.13
1	7	26	7644	203	338.84	19.15
1	7	35	7664	204	25.99	10.99
1	7	41	7676	205	94.81	13.44
1	8	1	7716	207	73.63	10.97
1	8	3	7720	208	113.24	10.74
1	8	28	7771	209	36.29	8.28
1	8	37	7789	210	18.32	8.45
1	8	50	7817	211	193.44	9.65
1	9	15	7868	212	6.00	4.90
1	9	38	7915	213	200.01	14.12
1	9	44	7927	214	23.31	14.27

191.1798

1	9	46	7930	215	46.04	10.79
1	9	52	7943	216	16.64	8.14
1	9	56	7952	217	22.42	6.73
0	34	16	3583	80	0.00	0.00
0	34	32	3617	81	67.15	17.80
0	34	57	3667	82	136.03	21.44
0	35	22	3719	83	679.54	65.49
0	35	42	3760	84	77.25	13.97
0	35	57	3790	85	290.09	40.89
0	36	9	3814	86	226.65	35.45
0	36	20	3836	87	76.32	24.10
0	36	38	3873	88	404.95	64.28
0	36	48	3893	89	72.13	18.10
0	37	4	3926	90	440.32	71.03
0	37	47	4015	91	559.81	48.04
0	37	49	4018	92	10.33	6.62
0	37	54	4029	93	32.89	15.97
0	38	8	4058	95	8.68	6.59
0	38	24	4089	96	127.15	26.73
0	38	32	4107	97	1058.51	129.90
0	39	1	4165	98	1280.26	154.89
0	39	30	4224	99	1651.44	143.79
0	39	40	4244	100	398.82	51.07
0	40	0	4285	101	199.03	32.72
0	40	20	4326	102	612.90	66.24
0	40	43	4374	103	4140.37	563.95
0	40	55	4398	104	356.41	30.52
0	41	15	4438	105	149.99	24.68
0	41	42	4494	106	803.27	79.19
0	42	9	4549	107	3013.84	415.85
0	42	31	4593	108	735.60	66.29
0	42	46	4624	109	627.09	72.63
0	43	11	4675	110	527.54	44.06
0	43	30	4715	111	491.97	47.73
0	43	45	4744	112	5.59	3.59
0	43	57	4769	113	179.15	23.50
0	44	15	4806	114	66.74	14.05
0	44	25	4826	115	666.66	93.45
0	44	45	4867	116	812.64	87.12
0	45	7	4912	117	677.24	79.64
0	45	50	5000	118	11652.19	916.15
0	46	9	5039	119	214.13	27.96
0	46	32	5086	120	569.73	76.13
0	46	45	5113	121	11100.18	1418.94
0	47	26	5196	122	5140.97	552.19
0	47	52	5249	123	1137.19	145.71
0	48	6	5277	124	331.65	37.00
0	48	18	5303	125	266.53	39.27
0	48	40	5346	126	1720.26	199.97
0	48	56	5380	127	182.84	28.60
0	49	31	5452	128	140.20	24.38
0	50	16	5543	129	32071.71	3476.38
0	50	37	5585	130	971.47	102.07
0	50	55	5623	131	586.63	75.59
0	51	12	5657	132	2005.36	226.26
0	51	33	5700	133	419.24	44.90
0	51	55	5744	134	453.19	48.87
0	52	29	5815	135	152.30	21.76
0	53	5	5887	136	755.59	64.94
0	53	31	5940	137	10185.23	1018.14
0	53	58	5996	138	6912.69	654.32
0	54	13	6027	139	990.60	99.99
0	54	43	6087	140	1296.42	112.92
0	55	19	6162	141	1023.45	112.15
0	55	27	6177	142	20.34	10.54
					80.63	16.08

0 55 54	6232	143	5711.57	573.60
0 56 31	6308	144	4649.27	403.88
0 57 34	6437	145	378.82	43.02
0 57 52	6474	146	548.47	43.22
0 58 26	6542	147	217.02	26.06
0 59 13	6638	148	5528.67	452.69
1 0 4	6742	149	3452.60	302.19
1 0 56	6849	150	555.40	50.58
1 1 28	6915	151	197.95	27.23
1 1 55	6969	152	115.95	18.00
1 2 40	7062	153	2329.85	234.92
1 3 44	7192	154	1584.75	163.87
1 4 35	7296	155	144.89	19.52
1 5 11	7369	156	120.37	14.10
1 5 48	7445	157	41.01	8.35
1 6 8	7485	158	2142.19	209.35
1 7 22	7637	159	1524.57	142.19
1 8 5	7724	160	203.60	22.73
1 8 26	7768	161	99.13	15.28
1 8 52	7821	162	197.13	24.28
1 9 35	7908	163	455.41	40.90
	0		0.00	0.00
0 32 23	3353	77	641.10	56.68
0 32 46	3399	78	7690.28	1096.98
0 33 16	3461	79	518.01	67.74
0 33 37	3505	80	243.97	28.72
0 33 56	3543	81	4894.90	673.33
0 34 31	3615	82	792.98	74.28
0 34 50	3653	83	2322.16	249.55
0 35 13	3701	84	113.66	15.21
0 35 28	3731	85	2099.87	252.93
0 35 43	3762	86	3613.60	456.79
0 35 56	3788	87	4083.06	518.80
0 36 14	3824	88	1942.12	218.87
0 36 32	3862	89	3070.81	218.38
0 36 47	3891	90	688.35	74.88
0 37 12	3943	91	6058.69	348.88
0 37 59	4038	92	2290.09	197.52
0 38 9	4059	93	4566.93	371.54
0 38 32	4106	94	12142.84	1357.32
0 38 51	4145	95	7168.69	626.18
0 39 18	4200	96	1181.01	99.72
0 39 38	4240	97	4716.52	395.57
0 39 59	4283	98	7734.68	559.00
0 40 22	4330	99	931.34	68.19
0 40 41	4369	100	1406.21	188.80
0 40 51	4389	101	2834.91	208.94
0 41 5	4419	102	1674.91	158.65
0 41 29	4467	103	2409.04	247.13
0 41 38	4486	104	1639.31	185.90
0 41 52	4515	105	2062.67	223.02
0 42 5	4541	106	5571.55	484.60
0 42 26	4583	107	6007.62	542.12
0 42 44	4620	108	4450.67	266.22
0 43 26	4706	109	3261.15	220.43
0 44 2	4780	110	880.27	76.74
0 44 26	4829	111	5260.66	294.89
0 45 7	4912	112	7487.03	684.16
0 45 24	4946	113	4810.11	446.97
0 45 48	4995	114	559.65	50.73
0 46 8	5036	115	67.48	14.67
0 46 16	5054	116	22.27	10.11
0 46 39	5099	117	3476.56	307.84
0 46 50	5122	118	2263.01	178.87
0 47 7	5157	119	1090.49	81.01
0 47 42	5229	120	1638.17	195.16

217.1956

218.2034

0 47 54	5254	121	3708.11	245.44
0 48 17	5301	122	1390.51	84.37
0 48 58	5384	123	24.15	8.09
0 49 3	5393	124	19.84	9.18
0 49 22	5432	125	3132.47	154.98
0 50 15	5541	126	57.24	11.21
0 50 28	5567	127	32.12	7.41
0 50 56	5624	128	62.27	10.28
0 51 15	5664	129	54.28	8.02
0 51 34	5702	130	79.62	8.13
	0		0.00	0.00
0 32 23	3354	74	312.69	45.35
0 32 45	3398	75	2113.00	318.68
0 33 16	3461	76	192.11	25.88
0 33 37	3504	77	150.76	19.83
0 33 56	3542	78	1388.16	176.43
0 34 30	3613	79	206.30	21.75
0 34 50	3653	80	551.44	64.53
0 35 27	3729	81	578.81	62.46
0 35 43	3762	82	1181.07	152.43
0 35 56	3787	83	1059.24	139.31
0 36 14	3825	84	1546.10	208.24
0 36 26	3849	85	1687.60	127.81
0 37 12	3942	86	1266.73	100.17
0 37 25	3970	87	1026.94	93.73
0 37 53	4026	88	1128.28	117.44
0 38 8	4057	89	1370.73	129.12
0 38 31	4105	90	7039.88	916.96
0 38 51	4145	91	4595.25	541.24
0 39 21	4207	92	141.63	18.90
0 39 38	4241	93	2493.93	169.82
0 39 56	4277	94	3160.17	219.47
0 40 40	4367	95	256.19	45.49
0 40 55	4397	96	132.07	21.38
0 41 28	4466	97	843.99	106.74
0 41 39	4487	98	458.15	59.68
0 42 6	4543	99	4853.02	473.82
0 42 26	4583	100	4703.00	481.20
0 42 44	4621	101	3143.07	241.41
0 43 27	4709	102	1372.25	111.33
0 44 3	4782	103	339.18	40.55
0 44 31	4839	104	1616.51	124.97
0 45 6	4911	105	4793.28	535.14
0 45 24	4946	106	4691.63	456.76
0 45 45	4990	107	82.46	11.14
0 46 38	5098	108	1855.85	122.42
0 47 7	5157	109	216.22	24.93
0 47 42	5229	110	1224.39	151.54
0 47 54	5254	111	1724.13	169.91
0 49 31	5452	112	1929.75	155.21

259.2426

	0		0.00	0.00
0 32 20	3347	70	285.30	24.72
0 32 45	3398	71	3458.76	448.06
0 33 16	3462	72	663.63	39.48
0 33 35	3499	73	120.60	15.60
0 33 56	3542	74	2211.80	292.95
0 34 15	3582	75	103.03	14.79
0 34 32	3616	76	731.79	63.04
0 34 50	3654	77	988.98	74.46
0 35 8	3690	78	224.30	29.88
0 35 28	3730	79	550.88	69.91
0 35 43	3761	80	2068.03	211.34
0 35 57	3789	81	1720.78	208.80
0 36 14	3824	82	571.63	43.58
0 36 31	3860	83	396.35	36.41
0 36 49	3895	84	382.54	34.60

0 37 4	3927	85	2831.95	161.40
0 38 0	4040	86	894.38	54.09
0 38 16	4073	87	316.92	39.65
0 38 32	4106	88	3597.43	376.82
0 38 51	4145	89	1678.27	104.93
0 39 20	4205	90	353.21	33.97
0 39 44	4253	91	306.27	27.07
0 39 59	4283	92	2165.11	189.24
0 40 24	4335	93	155.23	14.41
0 40 54	4396	94	1775.83	81.54
0 41 25	4459	95	78.69	13.34
0 41 38	4486	96	197.57	30.51
0 41 51	4513	97	344.47	42.16
0 42 4	4539	98	548.81	42.44
0 42 26	4584	99	698.25	67.04
0 42 45	4622	100	430.23	34.87
0 43 4	4661	101	29.31	7.08
0 43 15	4684	102	146.26	16.68
0 43 29	4712	103	97.22	10.22
0 43 47	4749	104	269.30	35.57
0 44 2	4779	105	151.71	17.79
0 44 26	4828	106	111.40	15.52
0 44 35	4847	107	111.63	15.77
0 45 7	4913	108	621.84	60.97
0 45 23	4945	109	377.18	36.96
0 45 50	5000	110	130.87	14.70
0 46 9	5039	111	462.78	33.32
0 46 34	5089	112	435.62	30.99
0 47 7	5157	113	67.06	9.07
0 47 21	5186	114	254.19	24.44
0 47 52	5249	115	395.76	23.15
0 48 19	5305	116	639.18	29.81
0 48 48	5363	117	94.31	11.26
0 49 8	5404	118	101.96	13.12
0 49 30	5450	119	545.25	51.21
0 49 56	5503	120	85.19	10.67
0 50 16	5542	121	10.60	3.65
0 50 20	5551	122	1.66	1.99
0 50 23	5557	123	3.39	2.01
0 50 26	5564	124	2.77	2.29
0 50 28	5567	125	12.36	3.38
0 50 47	5607	126	50.65	7.55
0 50 53	5619	127	38.25	6.85
0 51 34	5703	128	178.12	10.71

Figure 10.5

SATURATE MASS FRAGMENTOGRAMS

DEPTH: 2591.0m

SAMPLE NO.: 2H 69

Total Ion Current

M/Z 177

M/Z 191

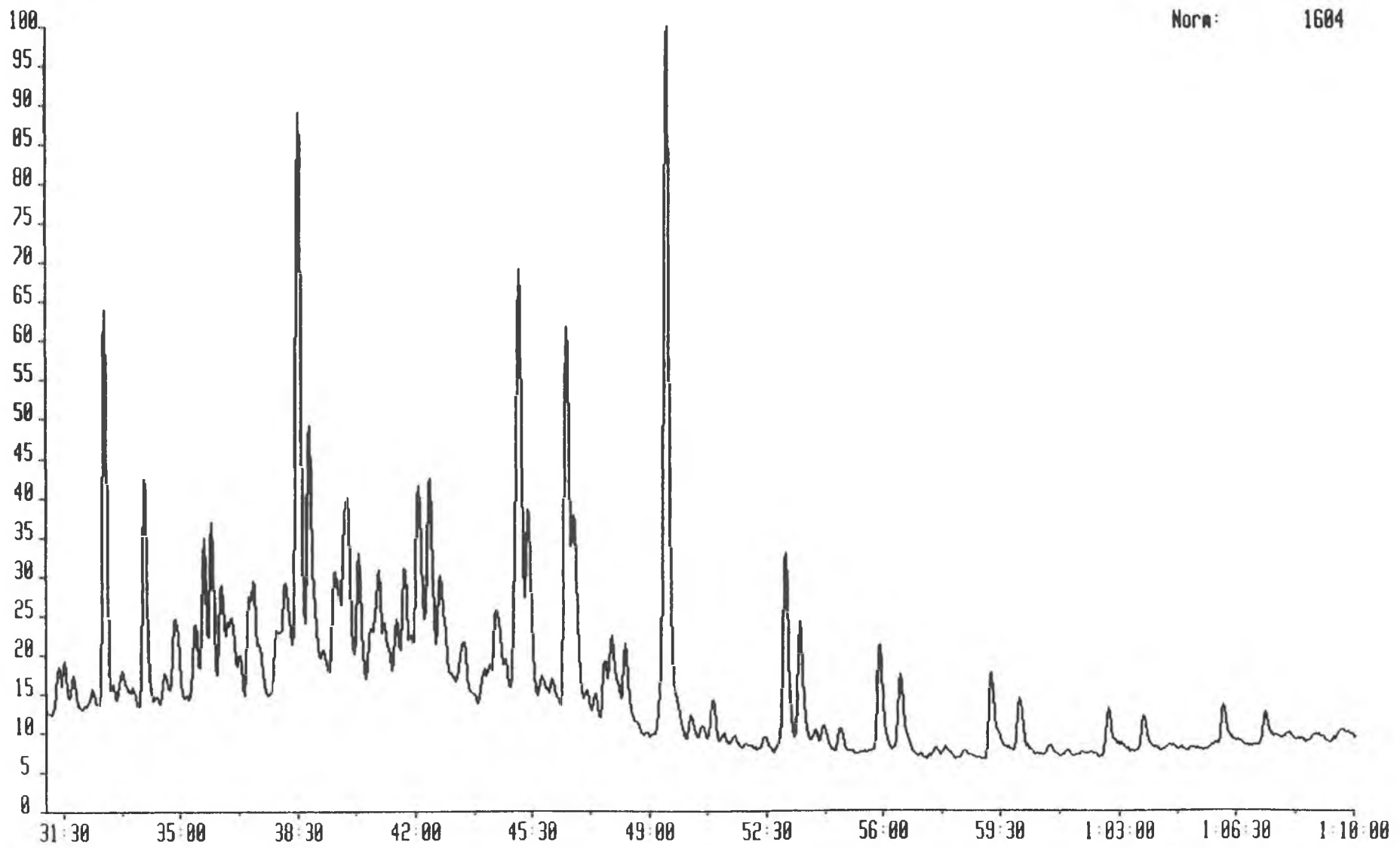
M/Z 217

M/Z 218

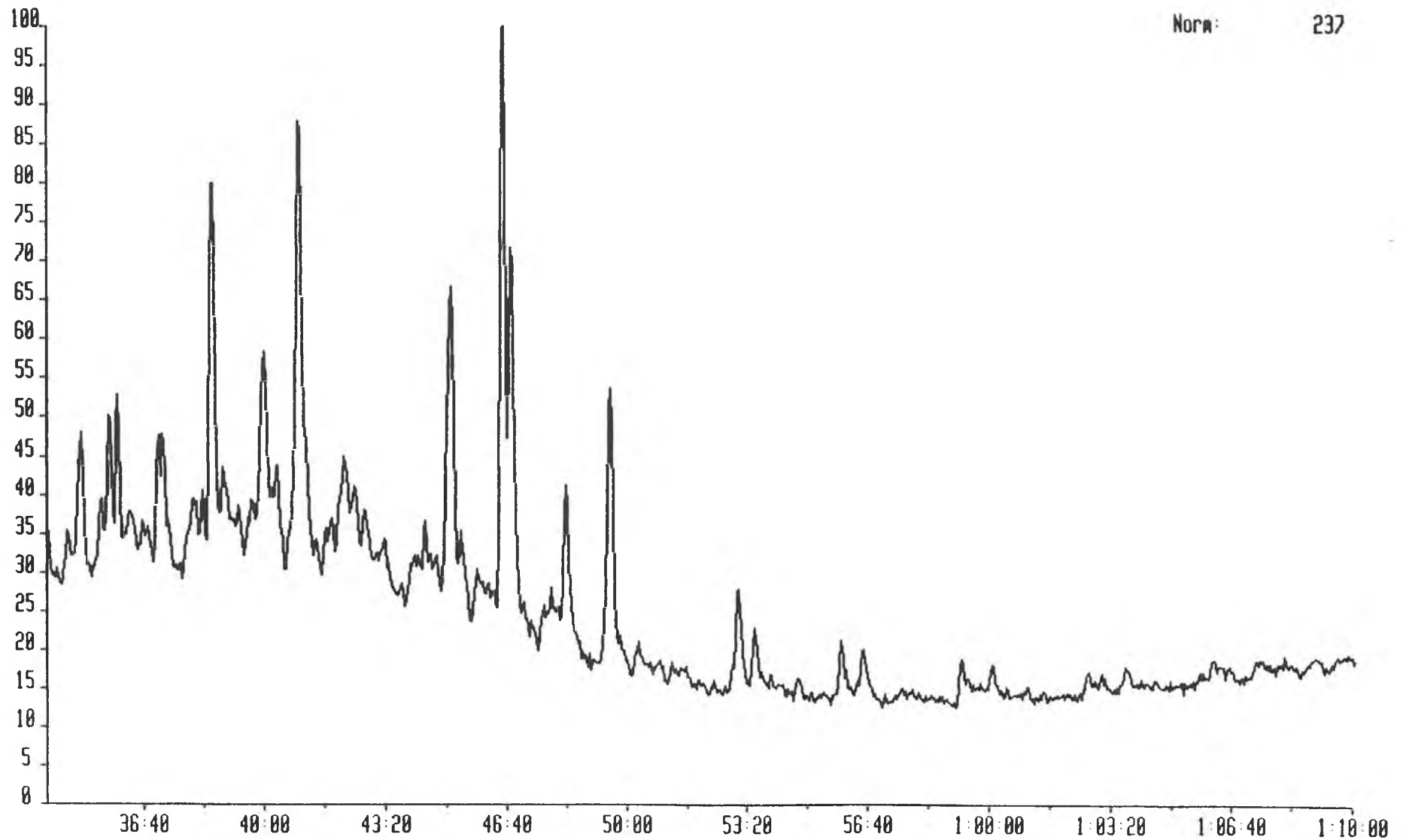
Quantification data

A 30-SEP-92 Str:Voltage 70H Sys: SATS1
Sample 5 Injection 1 Group 1 TOTAL ION CURRENT
Text:92H 69 SATS

Norm: 1604

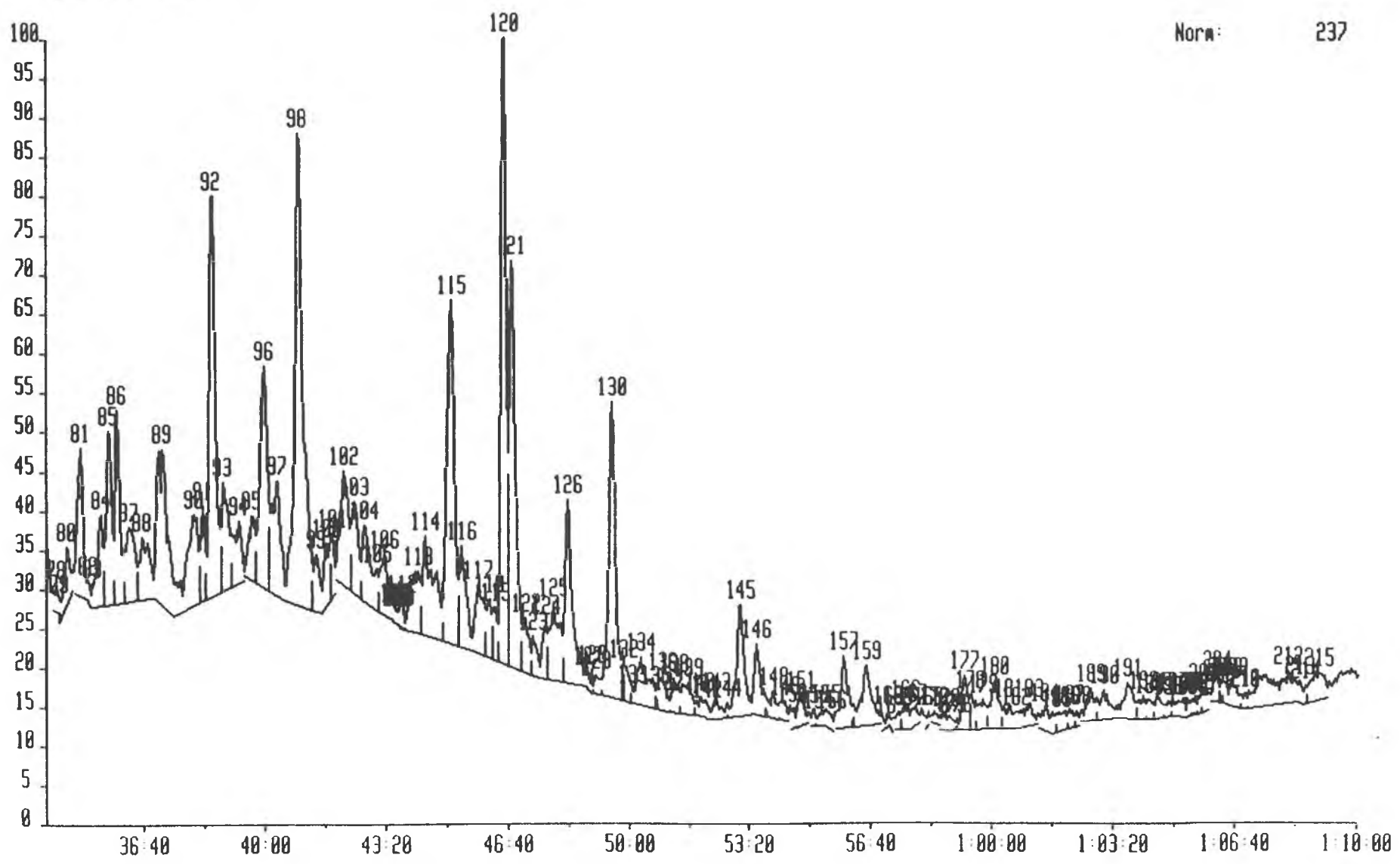


665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 5 Injection 1 Group 1 Mass 177.1798
Text:92H 69 SATS

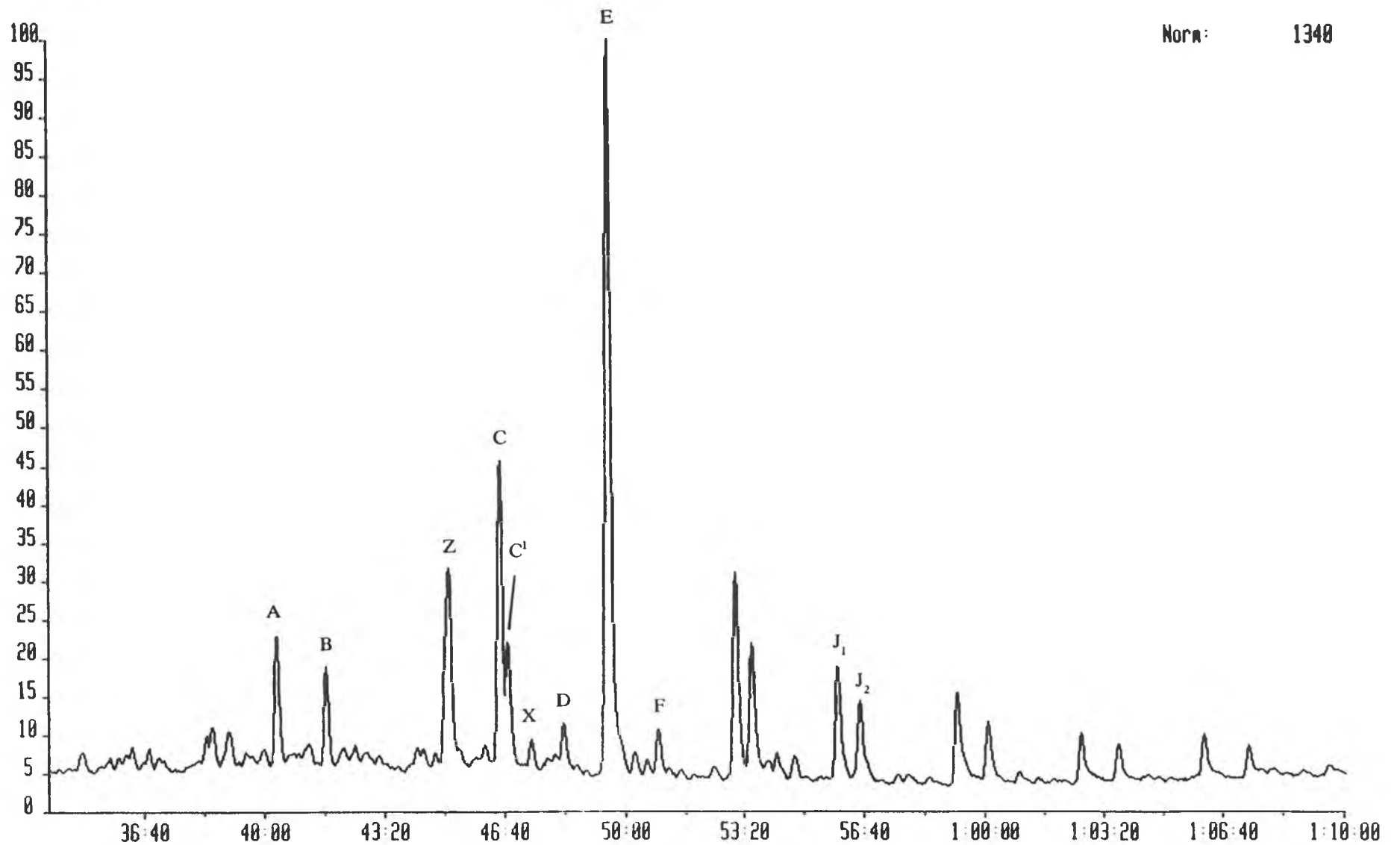


665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 5 Injection 1 Group 1 Mass 177.1798
Text: 92H 69 SATS

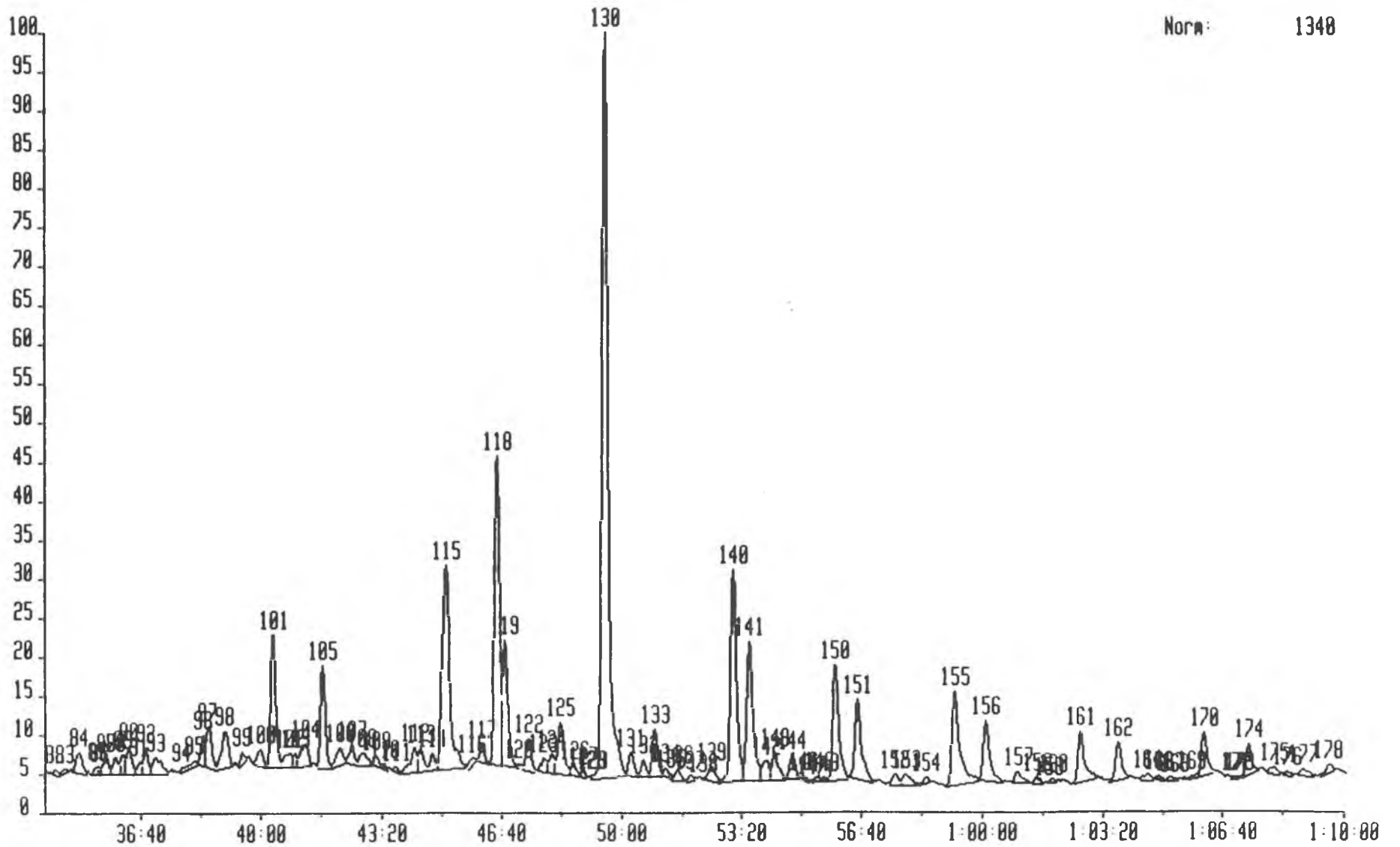
Norm: 237



6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 5 Injection 1 Group 1 Mass 191.1798
Text:92H 69 SATS

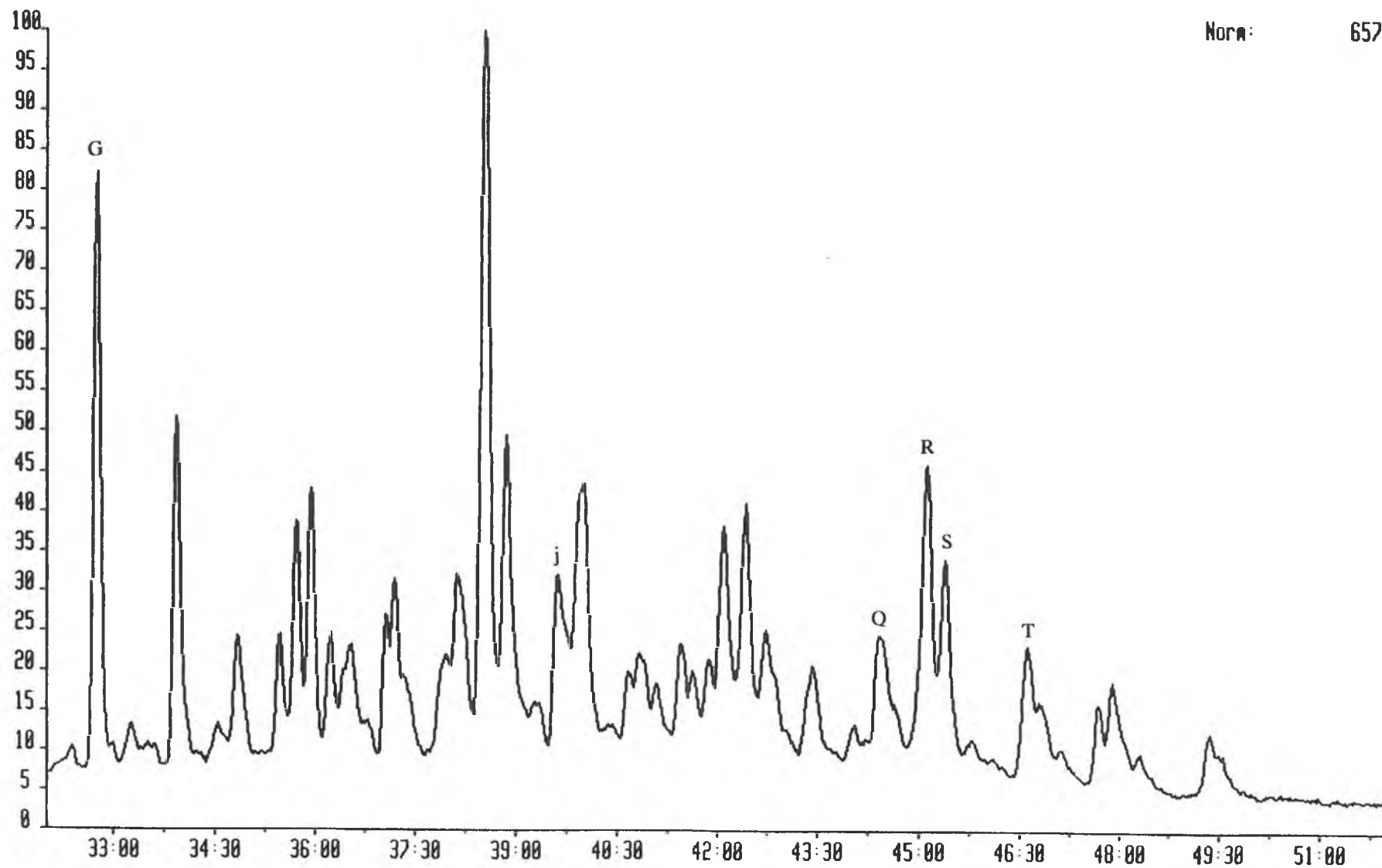


665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 5 Injection 1 Group 1 Mass 191.1798
Text: 92H 69 SATS



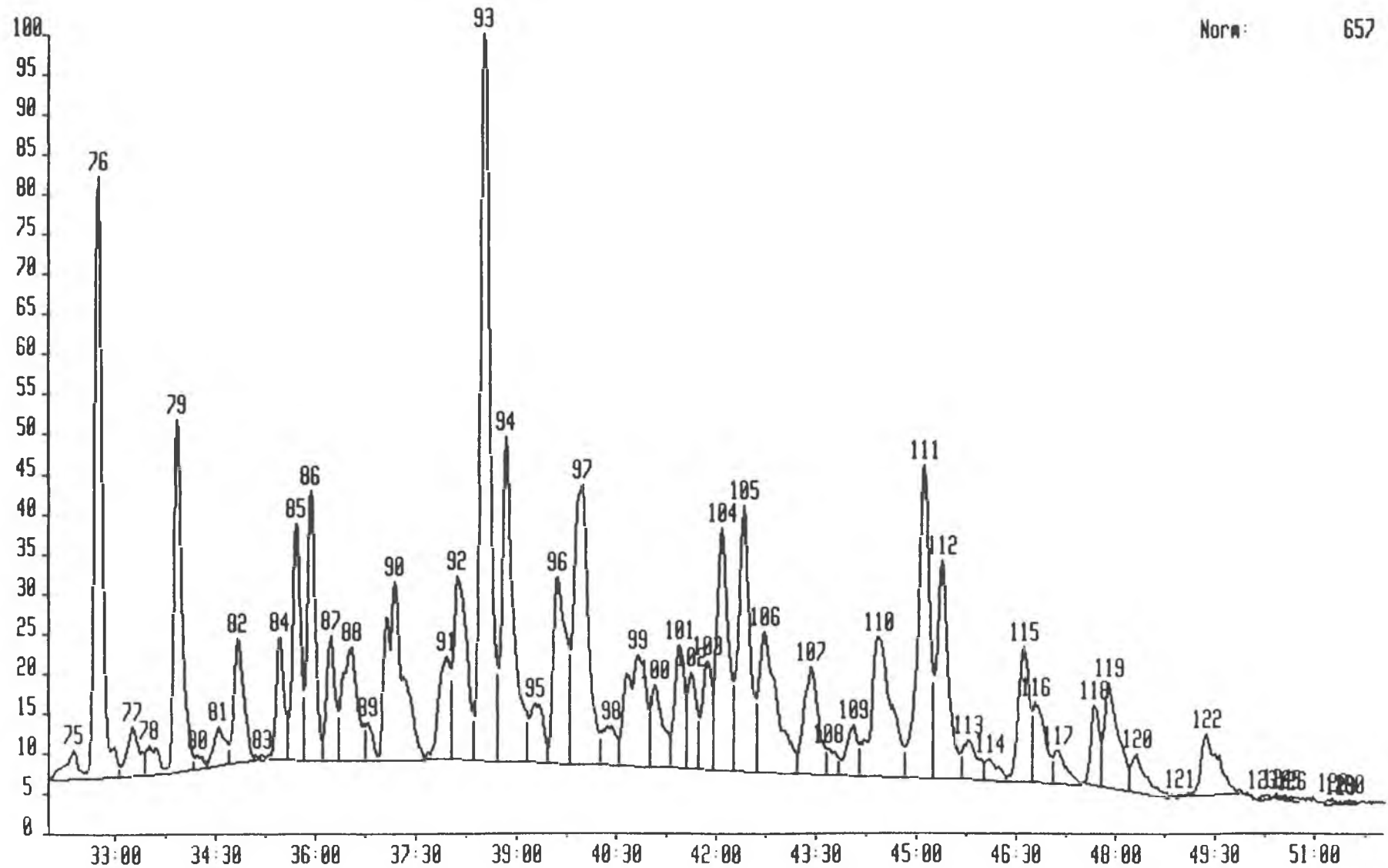
665GC 30-SEP-92 Str:Voltage 70H Sys: SATS1
Sample 5 Injection 1 Group 1 Mass 217.1956
Text:92H 69 SATS

Norm: 657



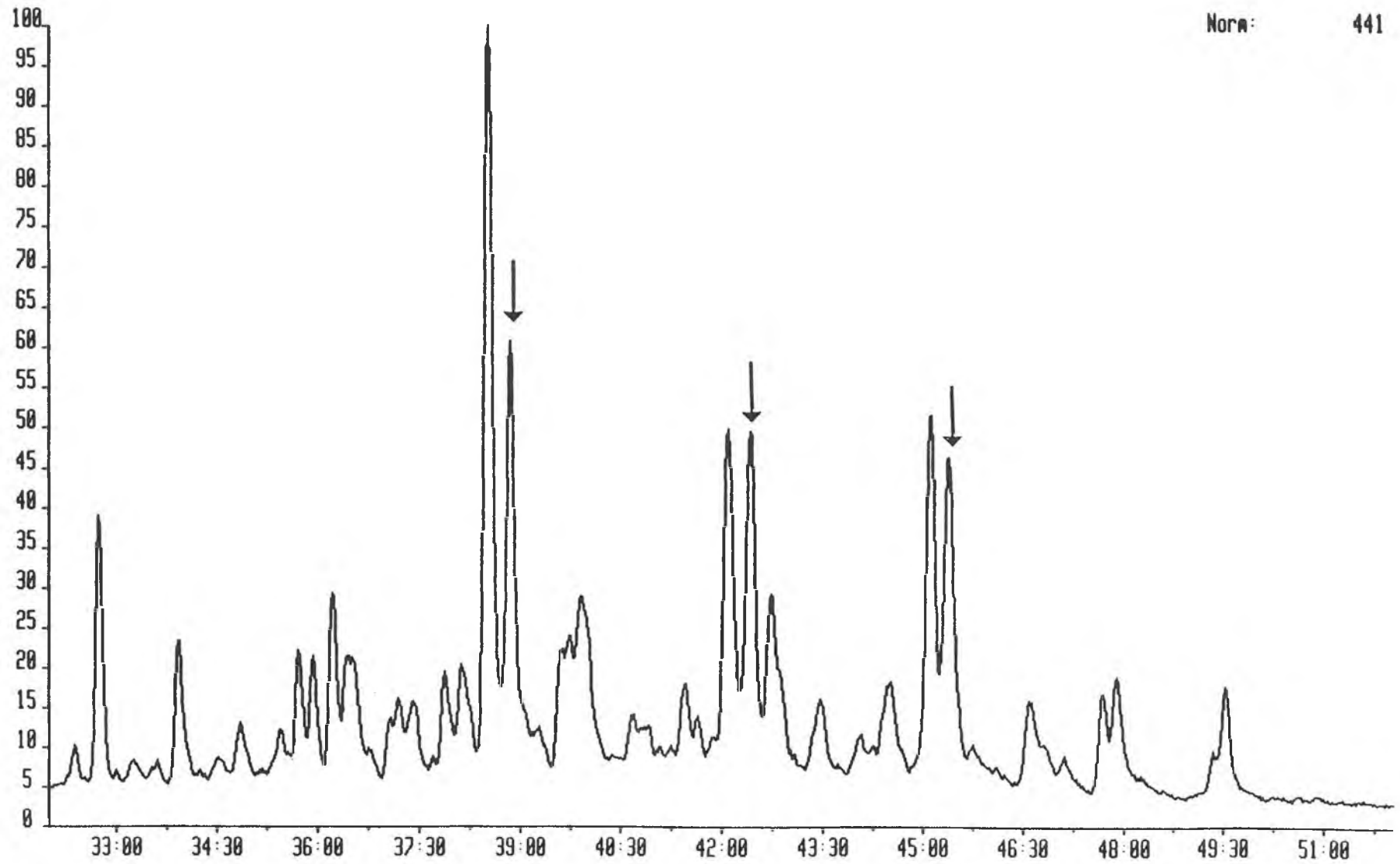
665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 5 Injection 1 Group 1 Mass 217.1956
Text:92H 69 SATS

Norm: 657

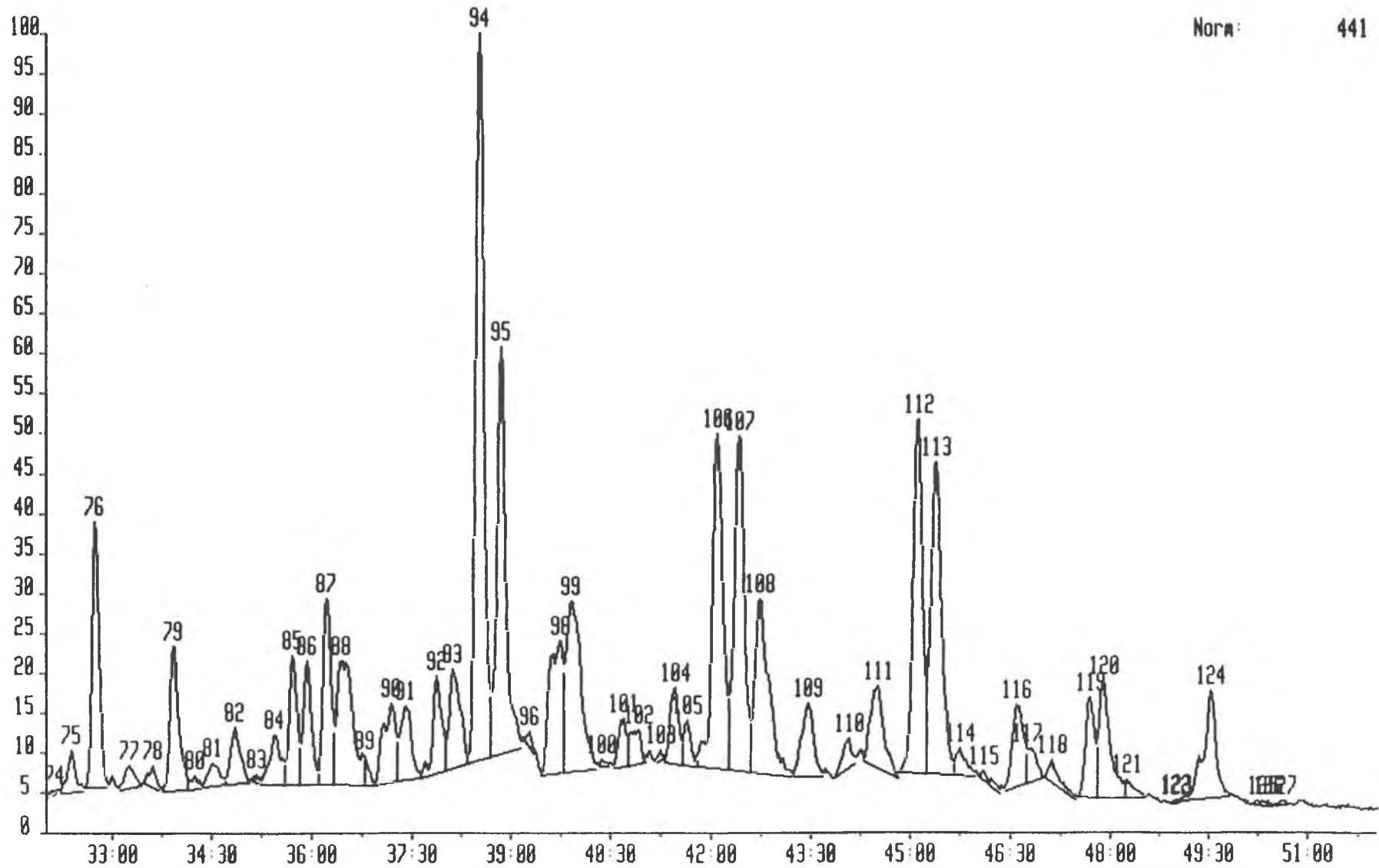


6656C 38-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 5 Injection 1 Group 1 Mass 210.2034
Text: 92H 69 SATS

Norm: 441



665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 5 Injection 1 Group 1 Mass 210.2034
Text:92H 69 SATS



Norm: 441

92H69

Mass =====	Ret. Time =====	Scan =====	No. =====	Peak Area =====	Peak Height =====
177.1798		0		0.00	0.00
	0 34 14	3579	78	29.63	8.09
	0 34 19	3590	79	4.72	5.12
	0 34 31	3615	80	134.91	17.51
	0 34 55	3663	81	421.37	44.58
	0 35 8	3690	82	4.32	6.16
	0 35 14	3703	83	14.84	7.33
	0 35 28	3730	84	239.32	27.37
	0 35 41	3757	85	481.58	52.33
	0 35 56	3787	86	450.97	58.60
	0 36 13	3823	87	325.24	22.57
	0 36 34	3866	88	302.12	19.17
	0 37 10	3938	89	774.76	47.30
	0 38 1	4042	90	548.39	27.62
	0 38 17	4075	91	191.74	28.82
	0 38 30	4103	92	1228.93	120.88
	0 38 50	4142	93	342.25	32.94
	0 39 16	4195	94	222.92	18.85
	0 39 37	4238	95	198.54	19.38
	0 39 58	4282	96	811.74	67.14
	0 40 20	4326	97	507.07	34.86
	0 40 54	4396	98	1969.58	142.33
	0 41 24	4458	99	178.80	17.32
	0 41 41	4492	100	184.13	18.98
	0 41 50	4510	101	71.74	19.25
	0 42 10	4551	102	482.92	35.08
	0 42 26	4583	103	307.43	27.60
	0 42 43	4618	104	256.22	23.06
	0 43 3	4660	105	79.19	12.54
	0 43 16	4686	106	215.70	18.12
	0 43 32	4719	107	4.65	4.15
	0 43 34	4723	108	3.62	3.47
	0 43 36	4727	109	10.40	4.55
	0 43 40	4735	110	6.10	4.34
	0 43 43	4741	111	9.10	7.07
	0 43 46	4746	112	24.77	8.80
	0 44 11	4798	113	284.23	18.71
	0 44 23	4823	114	547.99	30.01
	0 45 6	4910	115	1349.89	103.96
	0 45 22	4942	116	295.38	30.73
	0 45 48	4995	117	267.93	20.53
	0 46 7	5034	118	149.14	17.52
	0 46 16	5054	119	111.32	15.99
	0 46 31	5083	120	1499.22	188.61
	0 46 44	5110	121	1377.43	122.67
	0 47 8	5159	122	162.50	16.57
	0 47 20	5183	123	101.35	11.89
	0 47 41	5227	124	123.91	17.66
	0 47 53	5251	125	374.20	23.69
	0 48 17	5300	126	674.27	55.63
	0 48 50	5368	127	16.73	5.51
	0 48 57	5382	128	12.20	7.07
	0 49 5	5397	129	38.82	5.70
	0 49 30	5449	130	1014.19	89.37
	0 49 50	5489	132	86.75	10.96
	0 50 3	5517	133	14.27	4.18
	0 50 17	5545	134	231.82	14.60
	0 50 42	5596	135	10.42	5.65
	0 50 55	5622	136	113.90	10.41
	0 51 4	5640	137	7.71	4.70

0	51	14	5661	138	87.78	10.38
0	51	36	5706	139	135.37	9.76
0	51	56	5746	140	59.63	6.01
0	52	4	5764	141	10.10	5.21
0	52	9	5773	142	7.69	4.44
0	52	21	5798	143	38.67	6.72
0	52	40	5837	144	26.38	4.71
0	53	3	5884	145	413.36	33.61
0	53	29	5937	146	205.22	21.08
0	53	58	5996	148	76.95	7.82
0	54	17	6034	149	46.32	5.77
0	54	28	6058	150	33.28	6.37
0	54	42	6086	151	86.63	9.17
0	55	5	6132	153	16.30	5.18
0	55	11	6144	154	9.72	3.11
0	55	23	6169	155	28.30	4.93
0	55	34	6191	156	32.21	4.85
0	55	53	6230	157	253.02	21.55
0	56	29	6304	159	298.32	18.06
0	57	6	6379	162	20.77	5.05
0	57	12	6391	163	8.11	3.39
0	57	22	6412	165	30.84	5.19
0	57	34	6436	166	73.10	7.42
0	57	45	6460	167	49.55	6.08
0	58	12	6515	169	9.32	4.46
0	58	21	6533	170	17.92	3.58
0	58	42	6575	173	26.55	5.35
0	58	48	6587	174	14.14	4.57
0	58	51	6594	175	16.54	3.57
0	59	0	6613	176	4.01	2.76
0	59	13	6638	177	166.55	16.34
0	59	22	6658	178	75.52	10.44
0	59	43	6701	179	109.15	8.87
1	0	2	6738	180	181.07	14.57
1	0	26	6787	181	69.07	7.36
1	0	39	6814	182	25.32	5.38
1	1	0	6858	183	99.40	7.00
1	1	26	6910	184	75.65	6.74
1	1	44	6947	185	23.26	5.71
1	1	59	6978	186	67.28	5.91
1	2	5	6990	187	42.10	5.92
1	2	18	7016	188	21.67	5.00
1	2	41	7063	189	118.27	9.64
1	3	3	7109	190	124.35	8.85
1	3	42	7187	191	152.84	10.94
1	4	7	7238	192	60.78	7.11
1	4	16	7258	194	42.80	6.12
1	4	30	7286	195	63.57	6.48
1	4	49	7324	196	35.22	4.82
1	4	56	7339	197	32.13	6.02
1	5	12	7371	198	29.43	4.88
1	5	15	7378	199	30.52	6.07
1	5	29	7406	200	10.49	4.76
1	5	33	7414	201	13.02	5.44
1	5	39	7427	202	20.07	5.05
1	5	45	7438	203	46.79	7.46
1	6	9	7488	204	50.81	8.11
1	6	14	7498	206	7.22	4.61
1	6	17	7504	207	11.72	6.34
1	6	26	7523	208	51.49	6.84
1	6	36	7543	209	61.77	7.32
1	6	54	7580	210	16.38	4.50
1	6	57	7586	211	7.54	4.56
1	8	6	7727	212	420.15	9.80
1	8	24	7764	213	30.21	6.57
1	8	35	7786	214	22.94	5.79

191.1798

1	8	57	7831	215	163.71	8.57
			0		0.00	0.00
0	34	16	3583	82	43.89	10.15
0	34	30	3613	83	71.38	9.31
0	34	56	3665	84	361.72	36.38
0	35	26	3726	85	78.33	13.13
0	35	28	3731	86	43.24	12.95
0	35	41	3758	87	290.59	28.24
0	35	56	3788	88	268.24	27.55
0	36	8	3813	89	246.69	33.91
0	36	18	3832	90	402.46	46.26
0	36	36	3869	91	154.38	20.75
0	36	47	3891	92	353.61	43.56
0	37	3	3925	93	412.23	28.18
0	37	48	4016	94	40.87	9.43
0	38	7	4056	95	109.91	12.06
0	38	22	4086	96	330.14	53.63
0	38	31	4104	97	665.67	69.95
0	38	58	4159	98	713.32	62.95
0	39	27	4219	99	106.09	19.77
0	39	58	4281	100	270.31	28.98
0	40	19	4324	101	1776.67	228.71
0	40	45	4378	102	327.88	22.88
0	40	55	4398	103	114.58	22.83
0	41	13	4434	104	540.37	40.40
0	41	40	4490	105	1332.35	175.30
0	42	9	4548	106	315.78	29.53
0	42	28	4588	107	277.51	32.31
0	42	45	4622	108	284.45	22.69
0	43	9	4671	109	167.61	18.66
0	43	23	4699	110	26.64	8.76
0	43	42	4738	111	50.90	9.19
0	44	13	4803	112	453.53	42.00
0	44	24	4824	113	368.37	39.09
0	44	43	4863	114	255.95	30.54
0	45	6	4910	115	4562.62	351.94
0	45	48	4995	116	91.79	12.23
0	46	6	5032	117	208.98	30.08
0	46	31	5083	118	4303.33	532.28
0	46	44	5111	119	2006.55	216.51
0	47	8	5159	120	11.63	7.93
0	47	25	5193	122	430.18	53.74
0	47	49	5242	123	194.11	23.42
0	48	2	5270	124	311.75	31.31
0	48	17	5300	125	919.01	89.72
0	48	40	5347	126	164.16	19.40
0	48	55	5378	127	64.48	11.24
0	49	9	5406	128	5.08	5.22
0	49	11	5410	129	7.14	6.98
0	49	30	5449	130	12325.19	1283.50
0	50	13	5537	131	356.38	40.01
0	50	35	5582	132	232.20	28.45
0	50	53	5619	133	708.31	80.97
0	51	11	5655	134	87.79	14.58
0	51	19	5671	135	18.63	9.57
0	51	32	5697	136	193.93	18.82
0	51	52	5738	137	53.72	10.04
0	52	13	5781	138	6.41	3.55
0	52	26	5808	139	274.06	22.33
0	53	2	5882	140	3589.17	363.34
0	53	29	5937	141	2600.36	239.93
0	53	58	5996	142	429.61	34.21
0	54	11	6022	143	510.62	47.62
0	54	41	6084	144	377.82	41.37
0	55	0	6122	146	44.26	7.12
0	55	14	6151	147	3.07	3.24

0 55 25	6174	148	56.42	8.24
0 55 35	6194	149	25.37	7.13
0 55 53	6230	150	2055.03	197.95
0 56 30	6306	151	1585.61	138.64
0 57 33	6434	152	208.45	19.52
0 57 50	6470	153	231.62	18.96
0 58 24	6538	154	83.56	12.14
0 59 12	6636	155	2049.31	161.41
1 0 2	6739	156	1129.61	104.01
1 0 57	6852	157	213.79	19.33
1 1 27	6912	158	99.93	12.08
1 1 47	6953	159	4.77	3.83
1 1 54	6967	160	39.51	7.37
1 2 39	7060	161	994.44	89.56
1 3 42	7188	162	627.12	66.24
1 4 31	7288	164	140.34	11.79
1 4 51	7328	166	39.42	8.18
1 5 11	7369	167	48.51	7.38
1 5 17	7382	168	17.69	5.09
1 5 47	7442	169	30.34	6.24
1 6 6	7482	170	763.89	75.24
1 6 58	7588	171	21.99	5.02
1 7 3	7597	172	10.29	5.16
1 7 7	7607	173	7.76	3.20
1 7 21	7635	174	518.30	55.41
1 8 3	7721	175	115.28	12.09
1 8 24	7764	176	49.82	7.59
1 8 51	7819	177	146.51	12.06
1 9 33	7904	178	133.97	14.04
	0		0.00	0.00
0 32 22	3351	75	294.85	23.82
0 32 44	3395	76	3579.33	494.92
0 33 14	3458	77	465.11	39.93
0 33 30	3489	78	293.75	23.97
0 33 55	3540	79	2235.92	289.91
0 34 13	3577	80	84.05	11.88
0 34 32	3616	81	352.25	32.65
0 34 49	3651	82	996.15	102.62
0 35 11	3695	83	8.15	3.78
0 35 27	3728	84	775.38	101.66
0 35 42	3759	85	1544.90	194.59
0 35 55	3786	86	1722.67	221.71
0 36 13	3822	87	864.31	102.06
0 36 31	3860	88	1394.16	93.09
0 36 46	3890	89	195.89	30.97
0 37 11	3940	90	2541.62	147.61
0 37 57	4034	91	947.41	84.83
0 38 6	4054	92	1998.30	151.42
0 38 30	4103	93	5455.72	598.79
0 38 50	4142	94	3058.93	268.01
0 39 16	4196	95	671.99	48.47
0 39 36	4236	96	1936.44	153.82
0 39 58	4282	97	3369.05	230.33
0 40 25	4337	98	487.16	32.87
0 40 49	4386	99	1786.37	92.40
0 41 3	4415	100	839.04	68.29
0 41 25	4460	101	1028.29	100.94
0 41 37	4483	102	649.40	80.04
0 41 51	4513	103	899.18	88.94
0 42 4	4539	104	2245.52	199.94
0 42 24	4580	105	2577.27	219.15
0 42 43	4619	106	2063.24	116.06
0 43 24	4703	107	1285.45	87.73
0 43 40	4735	108	187.62	20.74
0 44 2	4780	109	449.25	41.43
0 44 24	4825	110	2334.87	115.18

217.1956

218.2034

0 45 5	4909	111	2994.88	257.63
0 45 22	4943	112	2115.32	180.42
0 45 46	4992	113	458.03	32.64
0 46 5	5031	114	219.17	17.69
0 46 36	5093	115	1272.87	111.79
0 46 47	5116	116	809.85	65.96
0 47 6	5156	117	324.50	27.06
0 47 40	5224	118	565.71	65.47
0 47 53	5251	119	1206.15	87.15
0 48 17	5301	120	467.66	31.67
0 48 56	5380	121	9.63	2.01
0 49 20	5429	122	845.50	50.93
0 50 10	5531	123	27.69	4.38
0 50 24	5559	124	5.22	3.81
0 50 32	5575	125	14.24	3.52
0 50 37	5585	126	16.97	3.46
0 51 14	5661	128	26.54	5.35
0 51 21	5676	129	4.24	2.59
0 51 28	5690	130	11.65	2.93
	0		0.00	0.00
0 32 7	3321	74	4.12	1.98
0 32 21	3350	75	171.99	23.12
0 32 43	3394	76	960.04	146.75
0 33 14	3458	77	108.24	12.28
0 33 35	3501	78	69.32	11.52
0 33 55	3540	79	668.29	79.60
0 34 14	3580	80	48.79	7.44
0 34 30	3613	81	134.96	13.20
0 34 49	3652	82	280.97	31.65
0 35 10	3694	83	8.24	4.19
0 35 25	3725	84	285.47	27.55
0 35 42	3759	85	539.89	71.43
0 35 55	3785	86	561.15	68.22
0 36 12	3821	87	808.66	103.49
0 36 25	3847	88	1096.70	69.07
0 36 47	3891	89	61.76	16.10
0 37 11	3940	90	517.50	43.87
0 37 23	3966	91	462.66	40.88
0 37 51	4023	92	466.13	54.01
0 38 6	4054	93	611.36	54.94
0 38 30	4102	94	3220.17	402.25
0 38 50	4143	95	1977.48	225.28
0 39 16	4195	96	37.00	9.06
0 39 43	4252	98	991.39	73.82
0 39 54	4273	99	1413.52	95.09
0 40 22	4330	100	14.12	4.10
0 40 40	4368	101	204.62	27.27
0 40 54	4396	102	202.95	18.92
0 41 14	4436	103	16.59	6.21
0 41 27	4463	104	348.44	42.49
0 41 38	4485	105	170.31	25.35
0 42 4	4539	106	1937.50	186.18
0 42 25	4581	107	1862.57	185.46
0 42 43	4619	108	1335.42	97.67
0 43 27	4708	109	498.14	41.05
0 44 4	4783	110	141.68	16.70
0 44 30	4837	111	591.47	45.64
0 45 5	4909	112	1815.04	196.36
0 45 22	4943	113	1831.42	172.94
0 45 44	4987	114	142.92	14.95
0 46 5	5031	115	46.81	4.76
0 46 35	5092	116	489.11	45.71
0 46 44	5111	117	176.88	19.68
0 47 6	5156	118	114.21	12.77
0 47 41	5226	119	480.57	55.26
0 47 52	5250	120	724.42	64.90

259.2426

0 48 14	5294	121	85.40	10.48
0 48 57	5382	122	4.58	1.82
0 48 59	5386	123	2.00	1.75
0 49 29	5447	124	728.66	60.19
0 50 18	5546	125	17.47	2.58
0 50 23	5557	126	3.69	2.47
0 50 35	5581	127	10.95	2.44
	0		0.00	0.00
0 32 20	3347	93	95.37	9.09
0 32 44	3395	94	1489.97	194.65
0 33 16	3462	95	287.19	15.98
0 33 35	3501	96	47.78	7.41
0 33 54	3539	97	936.40	124.83
0 34 15	3581	98	36.49	6.36
0 34 31	3614	99	277.93	26.16
0 34 48	3649	100	442.87	29.66
0 35 6	3686	101	105.71	12.07
0 35 25	3725	102	211.90	28.95
0 35 41	3757	103	866.74	90.59
0 35 55	3786	104	739.92	89.28
0 36 11	3819	105	250.61	19.85
0 36 29	3856	107	145.35	13.96
0 36 47	3892	108	150.74	15.97
0 37 3	3924	109	1123.30	69.33
0 37 34	3987	110	53.85	8.04
0 37 57	4035	111	375.62	23.58
0 38 14	4069	112	108.50	15.69
0 38 31	4104	113	1602.05	164.74
0 38 50	4143	114	738.29	42.79
0 39 19	4202	115	103.20	14.79
0 39 40	4244	116	111.45	10.81
0 39 57	4279	117	841.68	74.32
0 40 28	4342	118	31.90	4.14
0 40 52	4391	119	577.68	31.09
0 41 6	4420	120	88.63	11.70
0 41 37	4484	121	175.49	15.04
0 41 51	4513	122	179.54	19.77
0 42 4	4538	123	272.83	19.52
0 42 24	4579	124	318.22	26.53
0 42 44	4621	125	185.99	14.27
0 43 1	4656	126	4.46	2.40
0 43 5	4664	127	1.60	1.73
0 43 15	4684	128	42.34	6.50
0 43 30	4714	129	35.20	4.58
0 43 46	4747	130	96.25	12.27
0 44 2	4780	131	47.16	5.70
0 44 23	4823	133	38.09	5.84
0 44 31	4838	134	58.47	6.73
0 44 48	4874	135	3.38	2.11
0 45 6	4910	136	226.89	19.92
0 45 22	4943	137	138.50	12.47
0 45 46	4991	138	37.64	4.55
0 46 6	5033	139	71.69	10.98
0 46 16	5053	140	41.77	7.85
0 46 32	5085	141	84.55	8.72
0 47 2	5147	142	23.65	4.10
0 47 20	5184	143	61.52	7.35
0 47 51	5247	144	68.36	6.12
0 48 18	5303	145	99.56	8.86
0 48 34	5334	146	3.16	2.08
0 48 37	5341	148	3.51	1.80
0 48 47	5362	149	16.38	3.23
0 48 51	5370	150	3.10	1.79
0 49 7	5402	151	34.70	4.93
0 49 30	5448	152	162.47	16.71
0 49 55	5501	153	25.57	3.60

0	50	14	5539	155	5.56	2.10
0	50	19	5549	156	3.16	2.03
0	50	24	5560	157	5.04	2.22
0	50	32	5576	158	43.23	2.96
0	50	58	5629	161	3.96	2.54
0	51	3	5639	162	2.39	1.15
0	51	5	5642	163	1.38	1.17
0	51	12	5657	164	5.18	2.24
0	51	16	5666	165	17.91	2.66
0	51	33	5699	166	33.16	3.53
0	51	50	5734	167	1.38	1.67
0	51	55	5745	168	7.17	2.38

Figure 10.6

SATURATE MASS FRAGMENTOGRAMS

DEPTH: 2611.0m

SAMPLE NO.: 2H 72

Total Ion Current

M/Z 177

M/Z 191

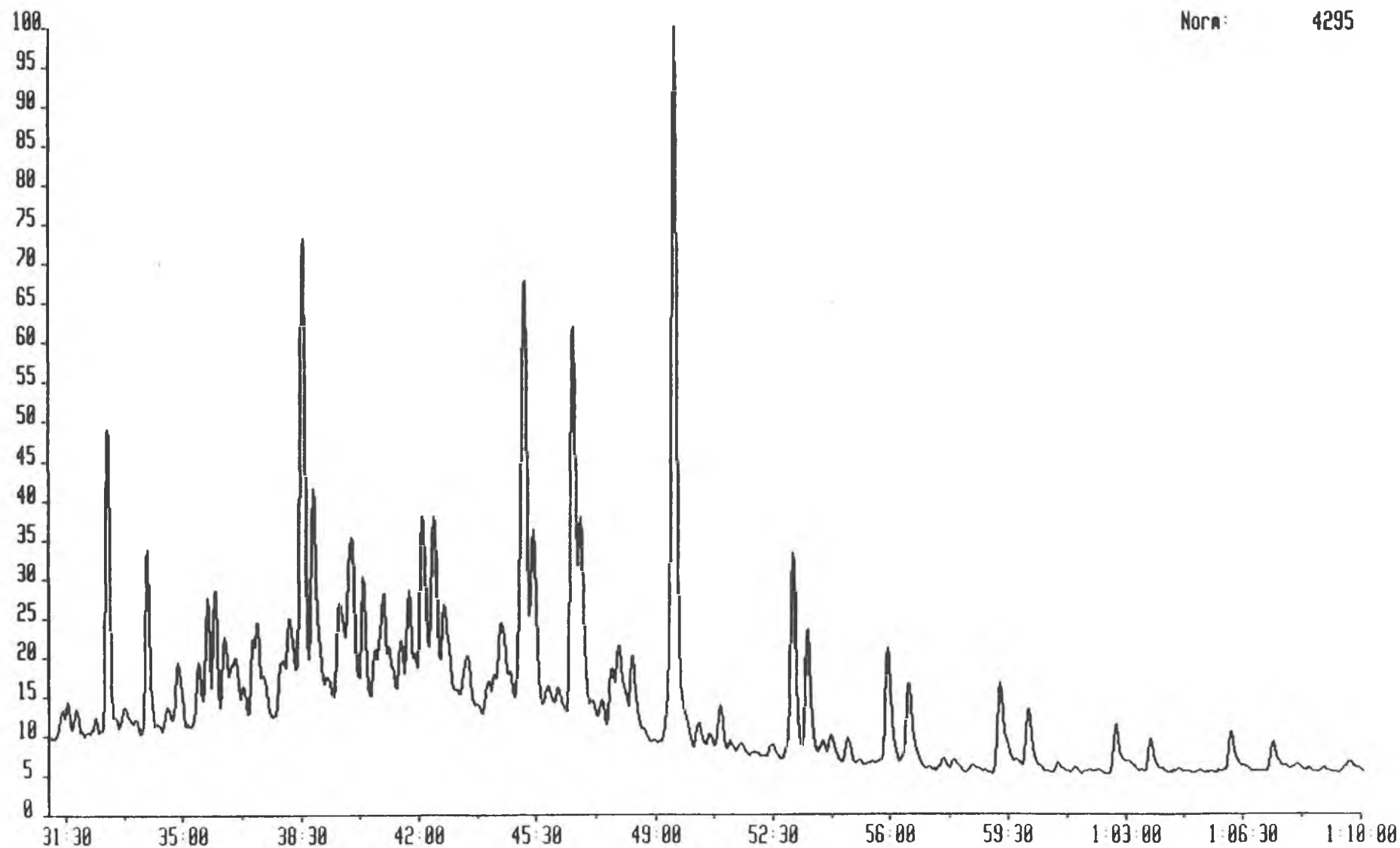
M/Z 217

M/Z 218

Quantification data

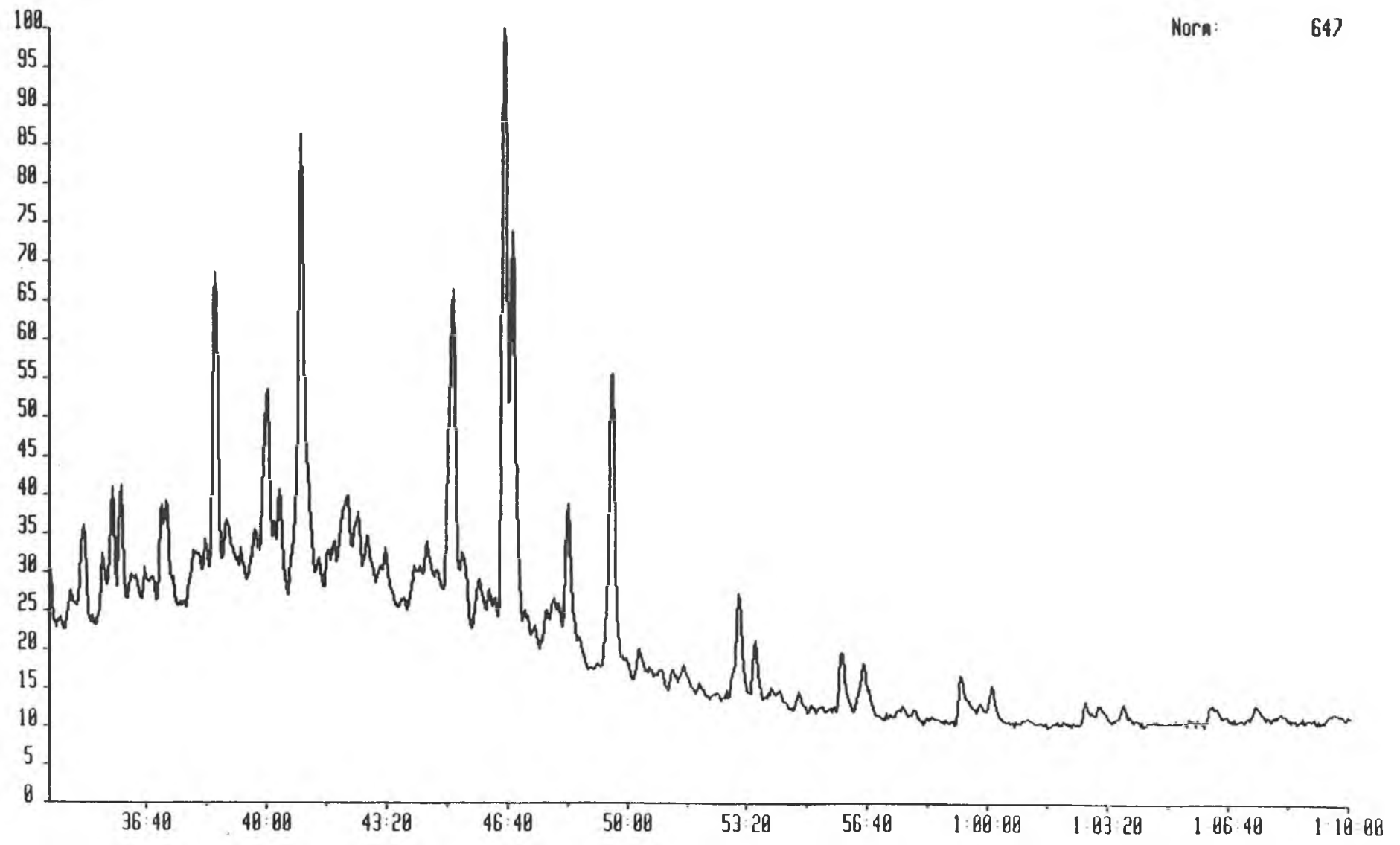
R 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 6 Injection 1 Group 1 TOTAL ION CURRENT
Text: 92H 72 SATS

Norm: 4295



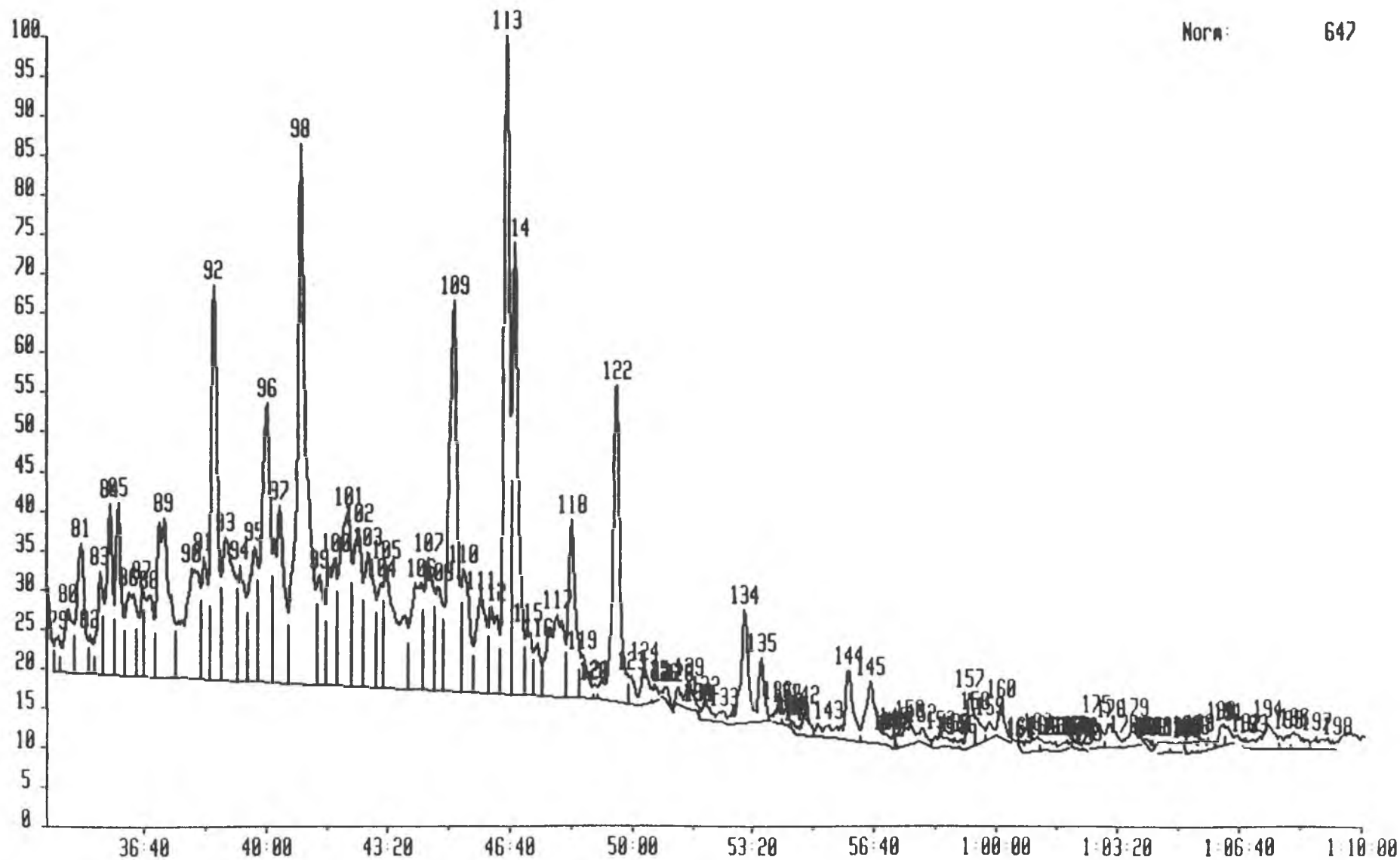
665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 6 Injection 1 Group 1 Mass 177.1790
Text: 92H 72 SATS

Norm: 647



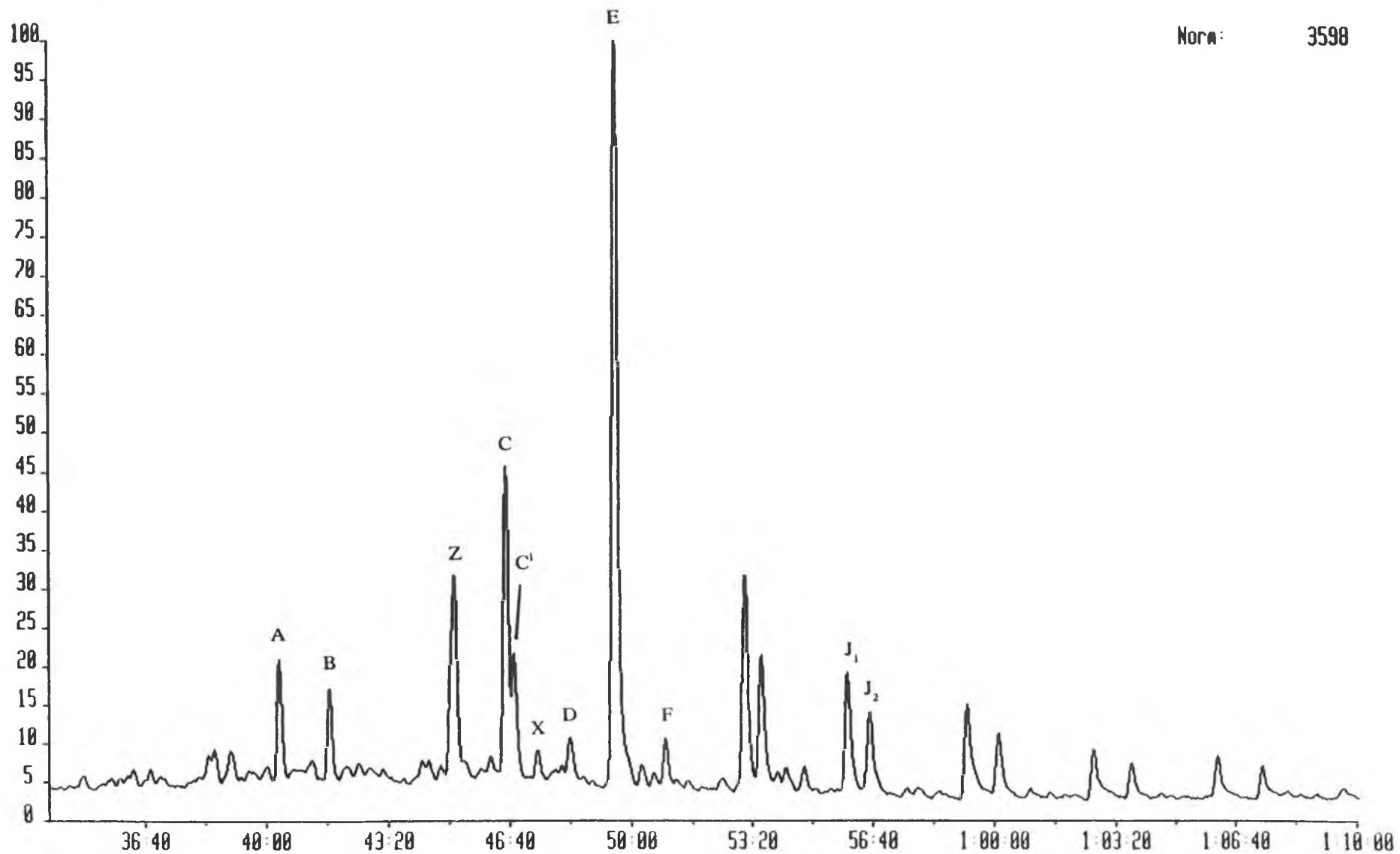
6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 6 Injection 1 Group 1 Mass 177.1798
Text:92H 72 SATS

Norm: 647



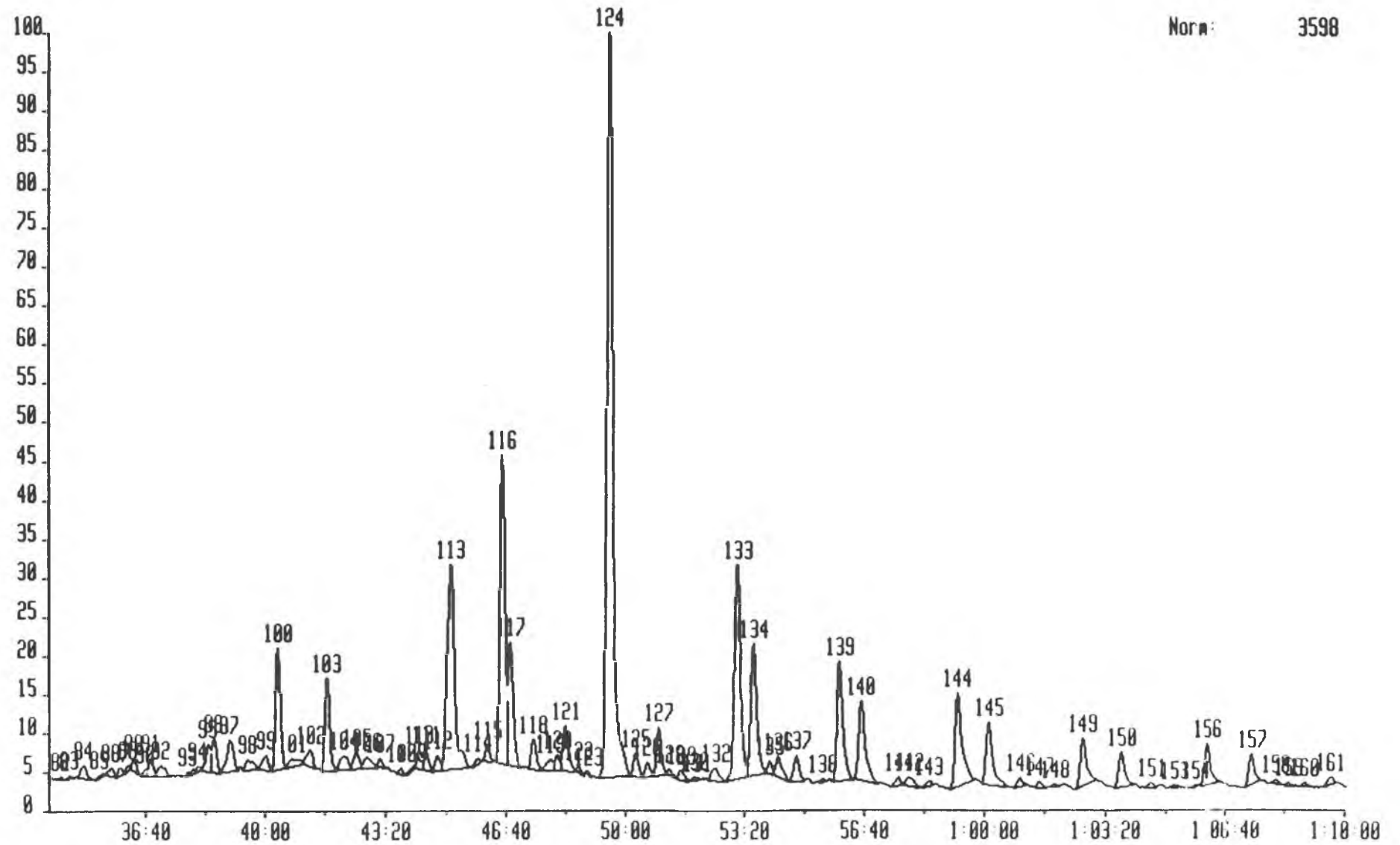
665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 6 Injection 1 Group 1 Mass 191.1798
Text:92H 72 SATS

Norm: 3598



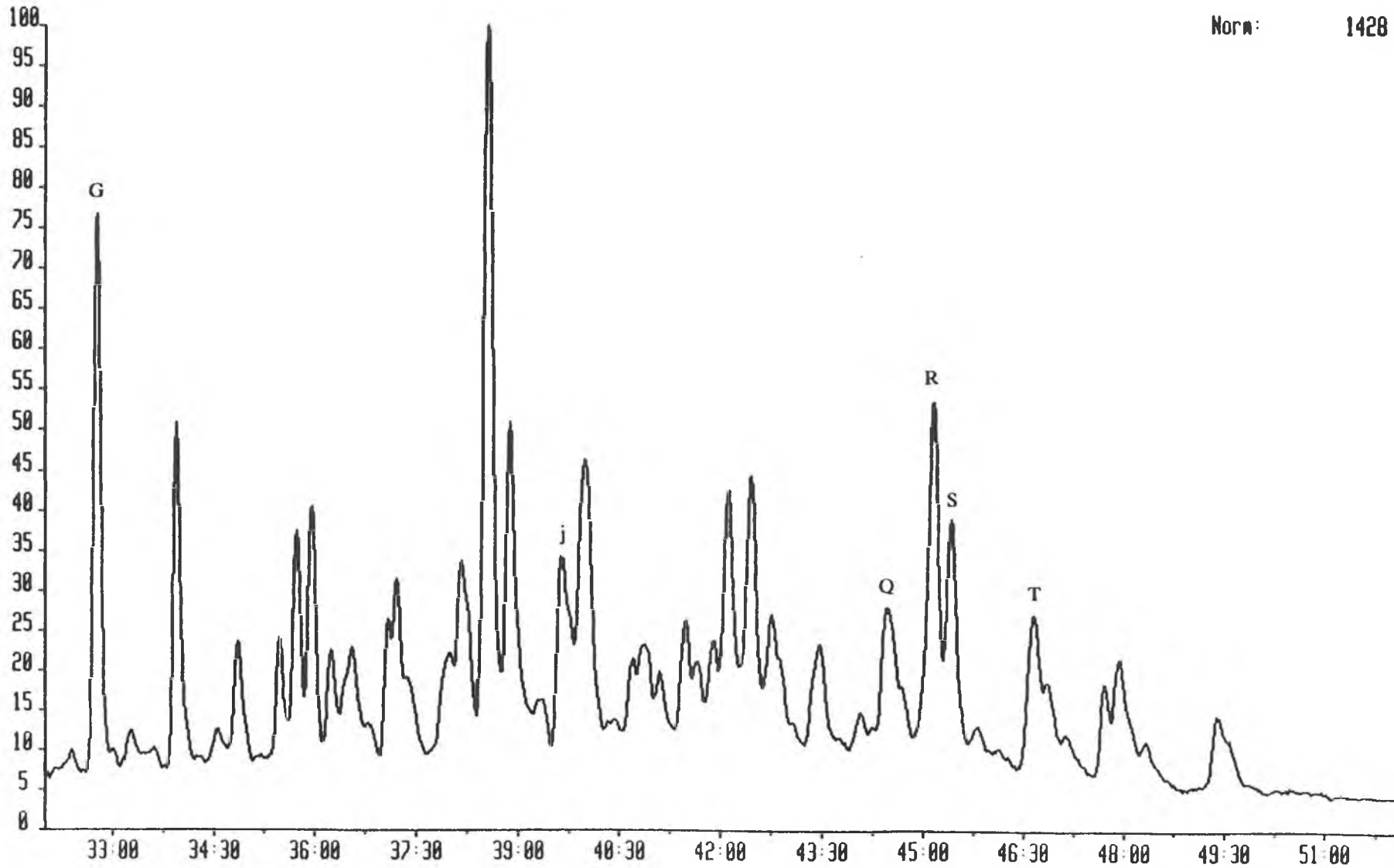
6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 6 Injection 1 Group 1 Mass 191.1798
Text:92H 72 SATS

Norm: 3598



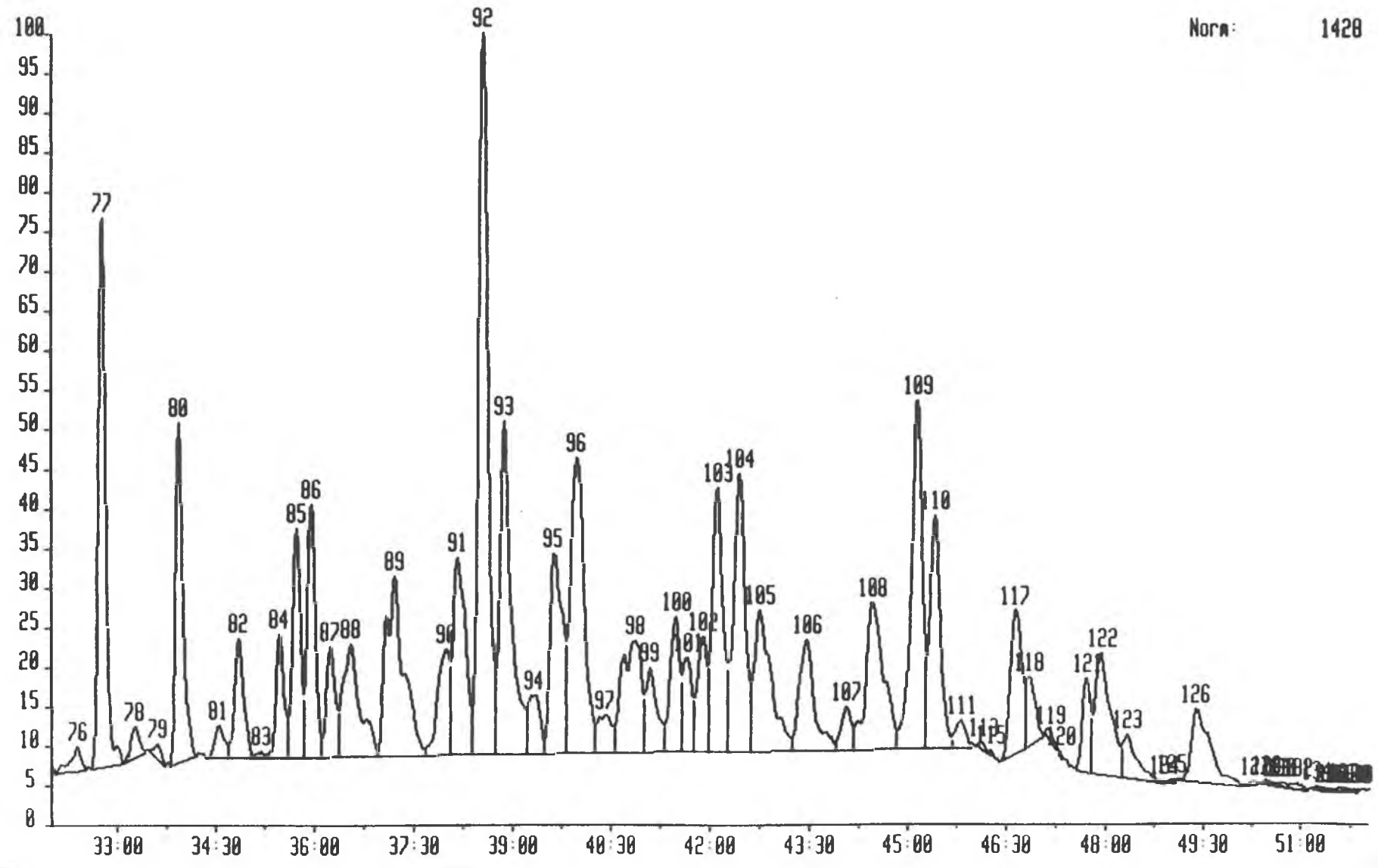
665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 6 Injection 1 Group 1 Mass 217.1956
Text:92H 72 SATS

Norm: 1428



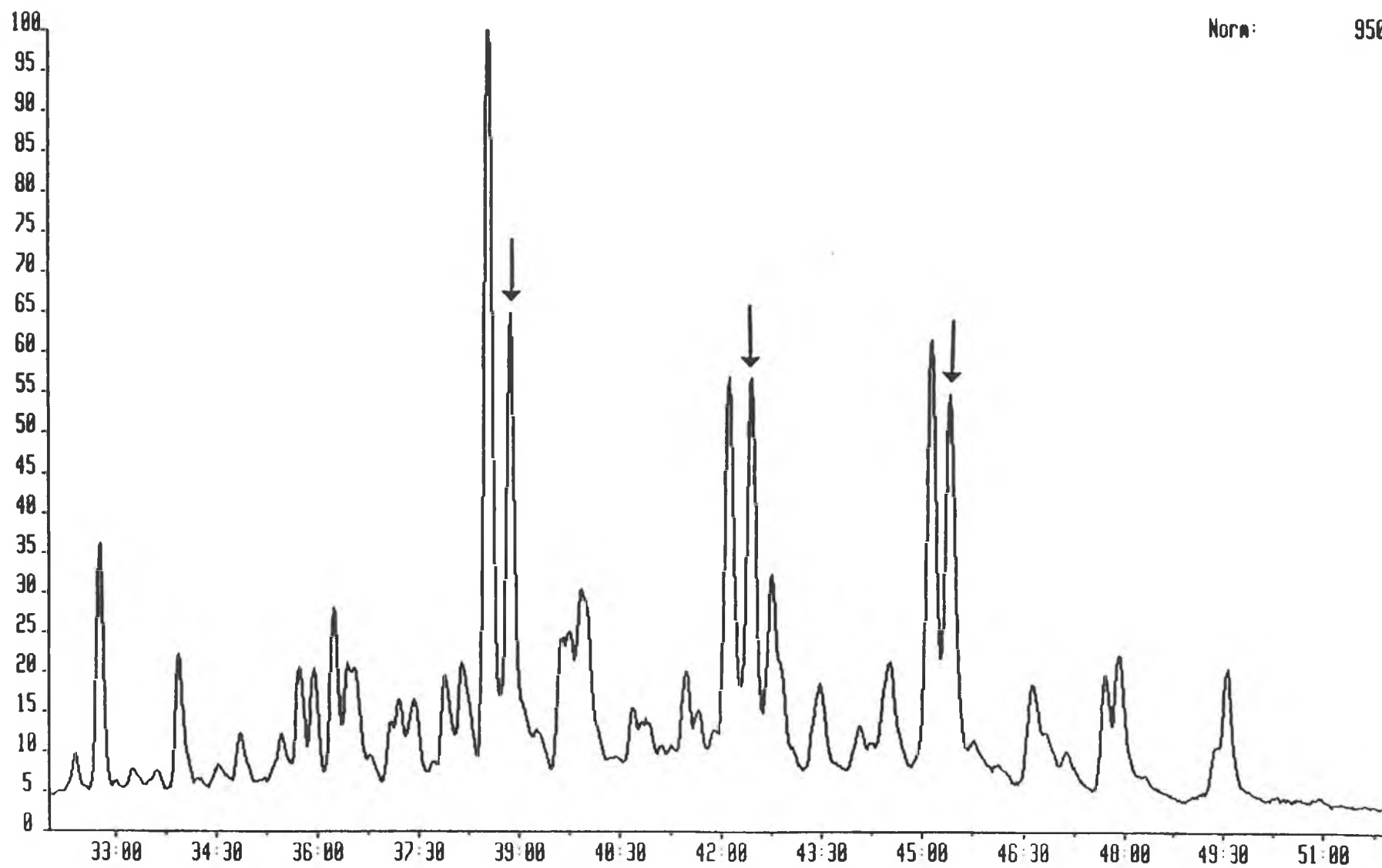
6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 6 Injection 1 Group 1 Mass 217.1956
Text:92H 72 SATS

Norm: 1428

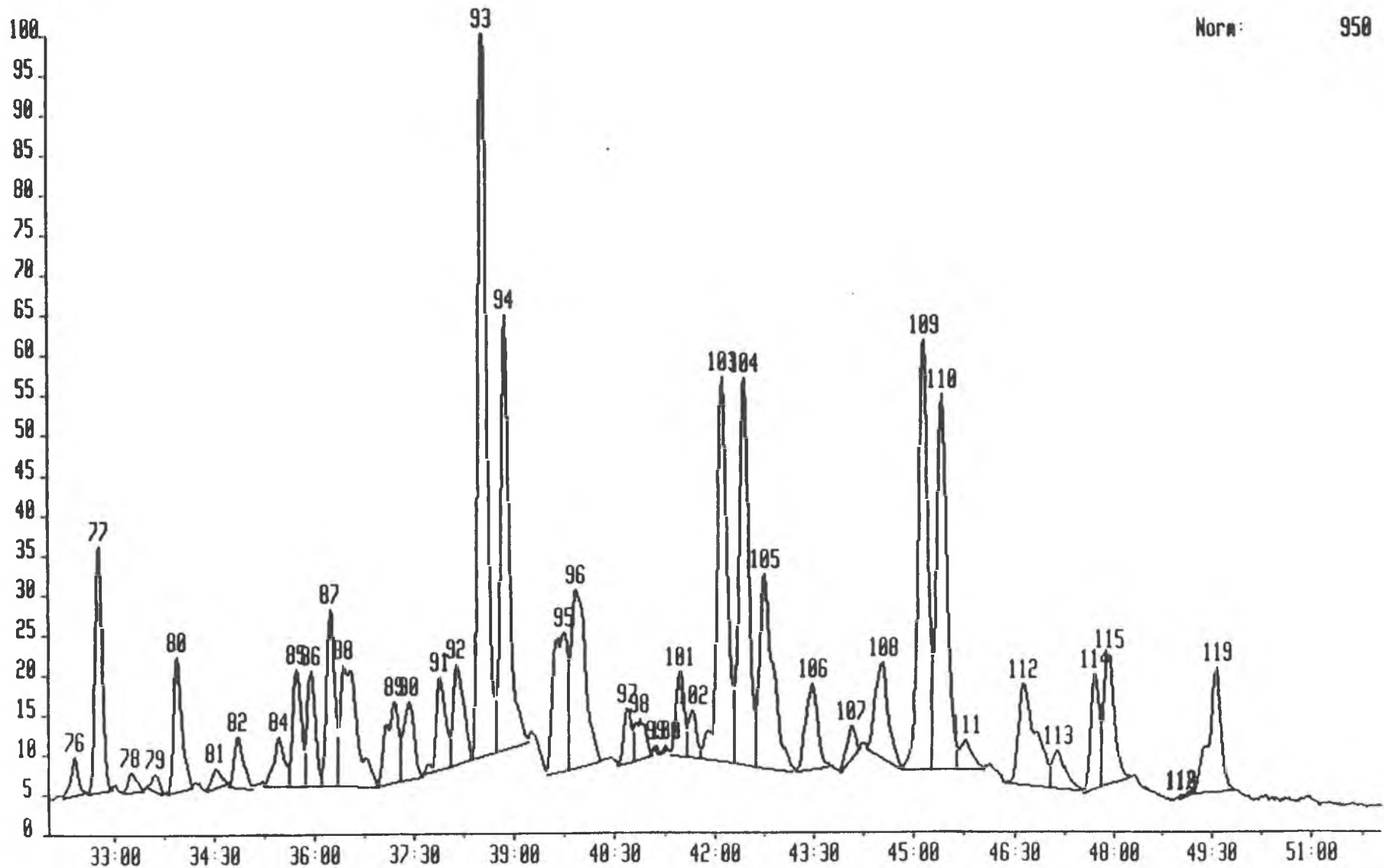


6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 6 Injection 1 Group 1 Mass 210.2034
Text:92H 72 SATS

Norm: 950



6656C 30-SEP-92 Str:Voltage 70H Sys: SATS1
Sample 6 Injection 1 Group 1 Mass 210.2034
Text: 92H 72 SATS



92H72

Mass	Ret. Time	Scan	No.	Peak Area	Peak Height
====	=====	=====	=====	=====	=====
177.1798		0		0.00	0.00
	0 34 17	3585	79	219.45	29.80
	0 34 35	3622	80	749.24	52.35
	0 34 56	3665	81	1400.92	107.47
	0 35 9	3692	82	225.77	32.74
	0 35 27	3728	83	764.54	85.51
	0 35 43	3761	84	1458.15	140.67
	0 35 57	3789	85	1372.36	141.92
	0 36 14	3824	86	1133.27	69.39
	0 36 35	3867	87	600.91	75.06
	0 36 48	3893	88	1018.95	66.95
	0 37 11	3941	89	2712.81	131.22
	0 37 58	4036	90	2462.30	91.53
	0 38 15	4072	91	1092.93	100.61
	0 38 33	4108	92	3487.87	323.64
	0 38 51	4145	93	2363.19	118.43
	0 39 16	4196	94	1340.32	95.09
	0 39 40	4244	95	1512.47	111.55
	0 40 0	4285	96	3325.36	228.64
	0 40 19	4325	97	2578.23	145.08
	0 40 56	4400	98	7444.51	443.07
	0 41 25	4460	99	1048.67	90.66
	0 41 51	4513	100	1842.39	104.63
	0 42 13	4557	101	2734.41	143.62
	0 42 30	4592	102	1871.49	130.06
	0 42 46	4624	103	2036.21	111.36
	0 43 8	4670	104	749.15	86.49
	0 43 15	4684	105	2613.69	101.80
	0 44 12	4801	106	1572.04	87.72
	0 44 24	4825	107	1752.79	109.60
	0 44 41	4860	108	1062.98	85.38
	0 45 7	4912	109	4777.65	321.65
	0 45 23	4945	110	1319.28	101.23
	0 45 50	5001	111	1353.58	80.47
	0 46 8	5037	112	1147.29	71.80
	0 46 32	5085	113	4743.59	540.15
	0 46 45	5113	114	4011.62	370.90
	0 47 7	5157	115	644.18	55.83
	0 47 24	5192	116	462.72	42.94
	0 47 55	5256	117	1723.41	66.84
	0 48 19	5304	118	1744.31	146.33
	0 48 35	5337	119	431.81	35.26
	0 48 54	5376	120	17.06	10.14
	0 48 56	5380	121	50.96	11.70
	0 49 32	5453	122	3005.88	260.49
	0 49 55	5501	123	245.65	23.45
	0 50 17	5545	124	347.41	31.20
	0 50 34	5580	125	86.49	14.14
	0 50 52	5617	126	15.55	9.01
	0 50 56	5624	127	71.14	11.66
	0 51 15	5664	128	81.17	13.72
	0 51 31	5696	129	231.58	21.65
	0 51 47	5729	130	6.64	7.08
	0 51 49	5732	131	18.11	9.42
	0 51 57	5749	132	187.71	15.72
	0 52 30	5816	133	37.30	8.37
	0 53 3	5884	134	1176.66	93.60
	0 53 31	5940	135	466.74	53.36
	0 53 57	5994	136	92.61	14.70
	0 54 11	6023	137	83.57	14.03

0 54 17	6035	138	19.30	7.62
0 54 20	6041	139	11.42	6.19
0 54 22	6045	140	38.75	7.88
0 54 30	6061	141	21.94	7.31
0 54 42	6085	142	219.31	21.24
0 55 20	6164	143	156.09	10.67
0 55 54	6232	144	790.01	57.75
0 56 29	6305	145	896.85	50.39
0 56 57	6362	146	15.75	7.58
0 57 6	6379	147	29.33	8.47
0 57 9	6385	148	25.19	13.97
0 57 12	6392	149	23.51	9.84
0 57 34	6436	150	291.98	16.40
0 57 54	6477	152	106.38	11.56
0 58 25	6540	153	119.11	9.20
0 58 41	6573	154	4.91	4.99
0 58 48	6587	155	44.20	8.13
0 59 0	6613	156	32.68	7.72
0 59 13	6639	157	432.89	44.36
0 59 22	6658	158	213.66	23.60
0 59 44	6703	159	128.40	14.72
1 0 4	6743	160	284.75	28.10
1 0 35	6807	161	2.98	2.94
1 0 37	6811	162	14.89	6.67
1 1 5	6867	163	202.06	11.28
1 1 11	6879	164	38.62	8.78
1 1 26	6910	165	71.77	7.57
1 1 34	6927	166	26.45	7.99
1 1 54	6968	167	49.44	7.14
1 2 4	6987	168	20.06	5.52
1 2 11	7002	169	12.23	5.75
1 2 15	7010	170	13.27	5.37
1 2 19	7018	171	6.80	2.80
1 2 21	7023	172	19.25	6.56
1 2 27	7035	173	4.73	3.51
1 2 42	7065	175	267.08	23.73
1 3 5	7112	176	277.64	20.12
1 3 26	7155	178	20.00	6.34
1 3 44	7191	179	213.75	18.66
1 4 4	7233	180	5.36	3.82
1 4 10	7244	181	22.41	5.90
1 4 16	7257	182	8.56	5.50
1 4 37	7301	183	135.15	10.11
1 4 59	7344	184	104.45	8.77
1 5 9	7366	185	8.44	6.21
1 5 11	7369	186	17.76	10.80
1 5 14	7376	187	28.30	8.78
1 5 24	7395	188	59.18	9.82
1 5 32	7412	189	86.52	11.13
1 6 7	7484	190	219.00	17.98
1 6 19	7509	191	107.99	14.86
1 6 47	7565	192	10.87	7.41
1 6 59	7589	193	63.33	7.36
1 7 24	7640	194	386.09	21.05
1 7 55	7705	195	135.22	11.04
1 8 6	7726	196	223.28	14.14
1 8 42	7801	197	196.83	10.28
1 9 15	7868	198	10.05	7.17
	0		0.00	0.00
0 34 16	3584	82	40.74	10.03
0 34 30	3613	83	104.59	17.48
0 34 56	3665	84	578.52	62.30
0 35 21	3717	85	126.81	13.76
0 35 41	3758	86	297.65	38.32
0 35 56	3788	87	252.99	35.34
0 36 9	3814	88	155.29	29.51

191.1798

0	36	19	3834	89	382.98	57.95
0	36	38	3873	90	182.10	30.16
0	36	47	3891	91	625.07	80.94
0	37	4	3927	92	624.20	48.20
0	37	50	4021	93	60.35	15.41
0	38	7	4055	94	175.16	19.33
0	38	23	4088	95	922.59	124.35
0	38	32	4106	96	1337.14	153.70
0	38	59	4162	97	1607.89	143.33
0	39	30	4225	98	656.19	47.32
0	40	0	4285	99	567.99	68.03
0	40	19	4325	100	4131.33	568.79
0	40	43	4373	101	585.02	41.92
0	41	14	4437	102	786.16	76.68
0	41	42	4493	103	3192.27	432.88
0	42	9	4550	104	814.95	62.87
0	42	30	4591	105	759.06	76.12
0	42	47	4626	106	695.40	52.20
0	43	10	4673	107	304.00	44.24
0	43	44	4742	108	149.31	24.35
0	44	1	4777	109	87.84	16.90
0	44	14	4804	110	619.27	84.73
0	44	25	4826	111	765.31	91.18
0	44	44	4866	112	570.84	71.02
0	45	6	4911	113	11993.19	947.54
0	45	50	5000	114	176.60	32.23
0	46	8	5037	115	473.91	75.16
0	46	32	5086	116	11547.12	1432.77
0	46	46	5114	117	5207.65	574.80
0	47	25	5194	118	1116.50	139.14
0	47	52	5250	119	587.74	51.49
0	48	5	5275	120	577.10	70.37
0	48	18	5303	121	1983.98	207.06
0	48	39	5345	122	165.19	25.83
0	48	57	5382	123	81.34	19.08
0	49	31	5451	124	32937.88	3450.34
0	50	15	5541	125	950.72	105.86
0	50	35	5582	126	514.78	68.79
0	50	54	5621	127	1771.54	220.24
0	51	12	5657	128	181.71	27.01
0	51	32	5698	129	440.15	45.53
0	51	53	5741	130	94.04	18.18
0	51	59	5753	131	22.74	11.64
0	52	28	5813	132	790.56	63.40
0	53	4	5886	133	9788.16	993.86
0	53	31	5940	134	6107.12	612.56
0	53	57	5994	135	382.88	53.19
0	54	12	6025	136	940.67	94.20
0	54	42	6086	137	1037.35	117.58
0	55	25	6174	138	74.13	14.72
0	55	54	6232	139	5678.65	554.57
0	56	30	6307	140	4372.04	371.31
0	57	34	6437	141	384.01	43.12
0	57	51	6472	142	544.07	44.09
0	58	25	6540	143	218.64	24.63
0	59	12	6637	144	5262.82	435.04
1	0	4	6742	145	3290.59	292.04
1	0	56	6849	146	368.82	42.09
1	1	28	6914	147	227.17	29.04
1	1	54	6967	148	82.42	15.83
1	2	40	7062	149	2272.41	224.73
1	3	43	7190	150	1589.24	161.60
1	4	35	7295	151	189.27	21.68
1	5	11	7370	153	61.06	9.70
1	5	49	7446	154	29.50	6.57
1	6	6	7482	156	1909.60	191.65

217.1956

1	7	23	7638	157	1308.11	140.69
1	8	4	7722	158	175.37	23.32
1	8	25	7766	159	90.89	15.54
1	8	52	7821	160	127.33	19.13
1	9	35	7908	161	323.39	34.42
			0		0.00	0.00
0	32	23	3353	76	436.32	44.02
0	32	45	3398	77	6976.15	993.58
0	33	14	3458	78	452.80	59.06
0	33	36	3502	79	179.97	28.79
0	33	56	3542	80	4406.87	614.98
0	34	31	3614	81	588.80	60.33
0	34	50	3653	82	1992.39	218.40
0	35	11	3696	83	62.13	12.56
0	35	27	3729	84	1812.17	224.68
0	35	42	3760	85	3256.01	415.67
0	35	57	3789	86	3663.06	457.59
0	36	13	3823	87	1808.94	198.90
0	36	32	3862	88	3482.01	203.39
0	37	11	3941	89	5843.07	325.83
0	37	58	4037	90	2248.83	192.56
0	38	8	4058	91	4700.44	356.51
0	38	31	4105	92	11857.65	1303.90
0	38	51	4145	93	7162.43	603.44
0	39	19	4203	94	1298.17	106.99
0	39	37	4238	95	4640.07	362.12
0	39	57	4280	96	7567.56	534.46
0	40	24	4334	97	1067.15	70.05
0	40	52	4391	98	4024.70	202.01
0	41	5	4419	99	1769.93	153.45
0	41	28	4466	100	2359.48	244.24
0	41	39	4488	101	1588.25	172.23
0	41	52	4515	102	1956.17	210.35
0	42	5	4541	103	5228.44	477.48
0	42	25	4582	104	5846.37	504.50
0	42	44	4621	105	4431.44	256.19
0	43	26	4707	106	3118.66	202.53
0	44	3	4781	107	775.42	77.94
0	44	27	4830	108	5008.37	267.41
0	45	7	4913	109	7001.93	631.85
0	45	23	4944	110	4579.32	423.32
0	45	48	4996	111	511.62	49.06
0	46	8	5036	113	55.52	12.99
0	46	14	5050	115	15.07	6.65
0	46	37	5095	117	3024.76	261.16
0	46	49	5120	118	1168.79	124.67
0	47	8	5160	119	104.36	17.84
0	47	18	5179	120	5.77	6.27
0	47	42	5228	121	1393.57	172.15
0	47	55	5255	122	3478.74	221.10
0	48	18	5302	123	1108.76	80.58
0	48	52	5371	124	7.04	7.13
0	48	59	5385	125	33.29	6.75
0	49	21	5430	126	2637.43	133.74
0	50	16	5543	127	60.85	8.64
0	50	26	5564	128	41.68	7.63
0	50	36	5584	129	15.73	6.77
0	50	39	5590	130	13.37	6.97
0	50	44	5599	131	32.34	7.52
0	50	56	5624	132	110.58	11.77
0	51	13	5660	134	54.87	8.14
0	51	23	5680	135	10.00	5.04
0	51	27	5688	136	12.26	5.52
0	51	36	5707	137	53.03	6.96
0	51	41	5717	138	15.20	4.41
0	51	47	5729	139	4.68	4.52

218.2034

0 51 50	5734	140	6.42	4.86
	0		0.00	0.00
0 32 22	3352	76	329.81	45.43
0 32 45	3398	77	1959.04	291.98
0 33 14	3457	78	201.72	23.67
0 33 36	3502	79	132.35	18.50
0 33 56	3542	80	1300.87	160.92
0 34 30	3613	81	200.11	22.72
0 34 50	3653	82	545.25	60.34
0 35 27	3728	84	596.59	58.39
0 35 43	3761	85	1138.01	138.82
0 35 57	3789	86	1104.77	136.97
0 36 14	3824	87	1675.14	210.83
0 36 26	3848	88	2390.16	144.07
0 37 12	3943	89	1214.84	96.80
0 37 25	3970	90	953.23	92.68
0 37 53	4026	91	1015.09	109.24
0 38 8	4057	92	1258.14	119.22
0 38 31	4104	93	6937.61	858.83
0 38 51	4144	94	4293.84	517.72
0 39 44	4253	95	2288.95	165.50
0 39 55	4275	96	3125.86	212.15
0 40 41	4369	97	477.17	64.36
0 40 52	4392	98	490.55	47.08
0 41 6	4421	99	12.55	7.16
0 41 14	4436	100	10.60	8.23
0 41 27	4464	101	794.42	101.13
0 41 39	4487	102	449.98	56.78
0 42 5	4541	103	4651.38	459.07
0 42 25	4582	104	4460.51	460.44
0 42 44	4620	105	3050.59	231.07
0 43 27	4709	106	1205.46	102.18
0 44 2	4780	107	323.80	40.94
0 44 31	4839	108	1494.36	113.78
0 45 7	4912	109	4828.97	512.48
0 45 23	4945	110	4683.78	448.86
0 45 45	4990	111	423.53	34.56
0 46 36	5094	112	2129.99	120.03
0 47 8	5159	113	578.84	45.68
0 47 41	5227	114	1182.44	136.78
0 47 54	5253	115	1669.27	156.27
0 48 59	5385	117	2.98	2.85
0 49 1	5389	118	12.96	4.95
0 49 31	5452	119	1830.34	149.67

259.2426

	0		0.00	0.00
0 32 21	3348	75	236.96	18.30
0 32 45	3397	76	3098.79	405.09
0 33 16	3462	77	499.77	29.99
0 33 35	3500	78	51.25	8.53
0 33 55	3540	79	1883.64	257.07
0 34 19	3589	80	25.82	6.52
0 34 31	3615	81	506.29	51.53
0 34 49	3652	82	806.69	63.30
0 35 8	3690	83	158.77	21.02
0 35 27	3728	84	450.53	59.85
0 35 42	3759	85	1817.57	187.53
0 35 56	3788	86	1518.82	189.17
0 36 14	3824	87	396.72	38.17
0 36 24	3845	88	150.39	26.03
0 36 32	3862	89	257.26	29.10
0 36 48	3894	90	325.38	32.24
0 37 4	3926	91	2657.04	146.81
0 37 59	4039	92	866.47	51.18
0 38 16	4073	93	307.97	38.56
0 38 32	4106	94	3501.58	356.31
0 38 51	4145	95	1698.81	100.59

0 39 19	4203	96	359.92	36.61
0 39 41	4247	97	360.30	28.38
0 39 58	4282	98	2130.50	175.40
0 40 25	4337	99	203.82	16.85
0 40 54	4395	100	1766.15	79.51
0 41 27	4464	101	174.77	18.08
0 41 38	4485	102	310.94	35.70
0 41 51	4513	103	442.19	47.32
0 42 4	4539	104	660.99	45.47
0 42 27	4586	105	734.67	63.23
0 42 43	4619	106	383.85	31.88
0 43 3	4660	107	1.47	1.62
0 43 14	4682	108	99.09	12.57
0 43 30	4715	109	71.75	10.92
0 43 46	4747	110	231.27	30.05
0 44 2	4780	111	114.85	14.59
0 44 36	4848	112	219.54	15.30
0 45 7	4912	113	550.95	52.28
0 45 24	4946	114	370.49	33.68
0 45 50	5000	115	108.05	10.90
0 46 7	5035	116	204.68	28.81
0 46 18	5058	117	178.24	18.64
0 46 32	5085	118	302.67	26.39
0 46 44	5111	119	69.97	11.80
0 47 4	5151	120	50.22	6.94
0 47 21	5186	121	177.71	20.97
0 47 53	5251	122	304.88	20.24
0 48 20	5306	123	548.69	27.65
0 48 46	5359	124	85.81	11.36
0 49 7	5403	125	117.80	13.23
0 49 30	5449	126	557.95	45.89
0 49 58	5506	127	104.36	8.54
0 50 13	5536	128	37.99	4.71
0 50 31	5574	130	13.73	3.96
0 50 43	5598	131	7.63	3.75
0 50 48	5608	132	26.64	5.05
0 50 58	5629	134	3.00	2.23
0 51 33	5699	135	163.44	8.98

Figure 10.7

SATURATE MASS FRAGMENTOGRAMS

DEPTH: 2613.0m

SAMPLE NO.: 2H 74

Total Ion Current

M/Z 177

M/Z 191

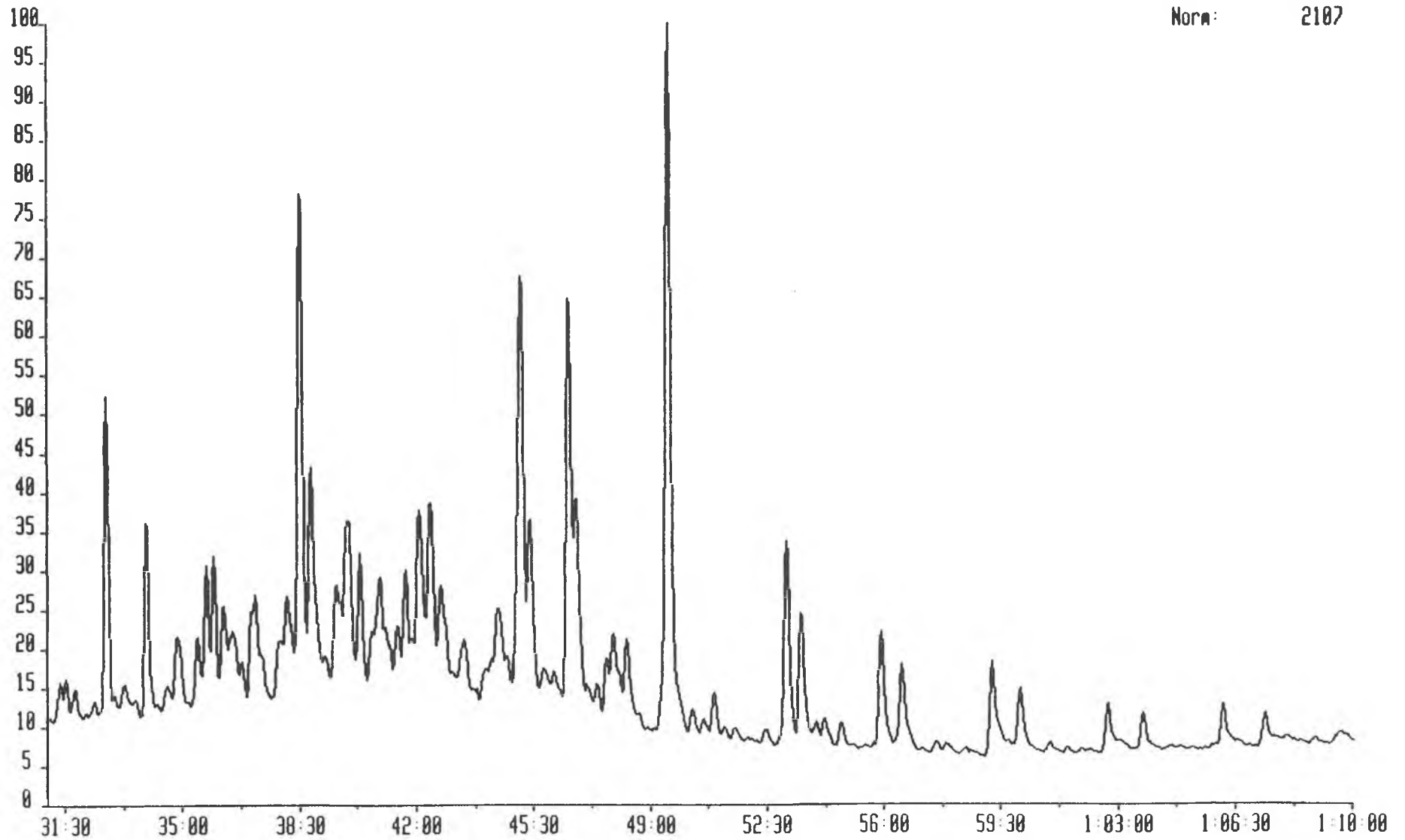
M/Z 217

M/Z 218

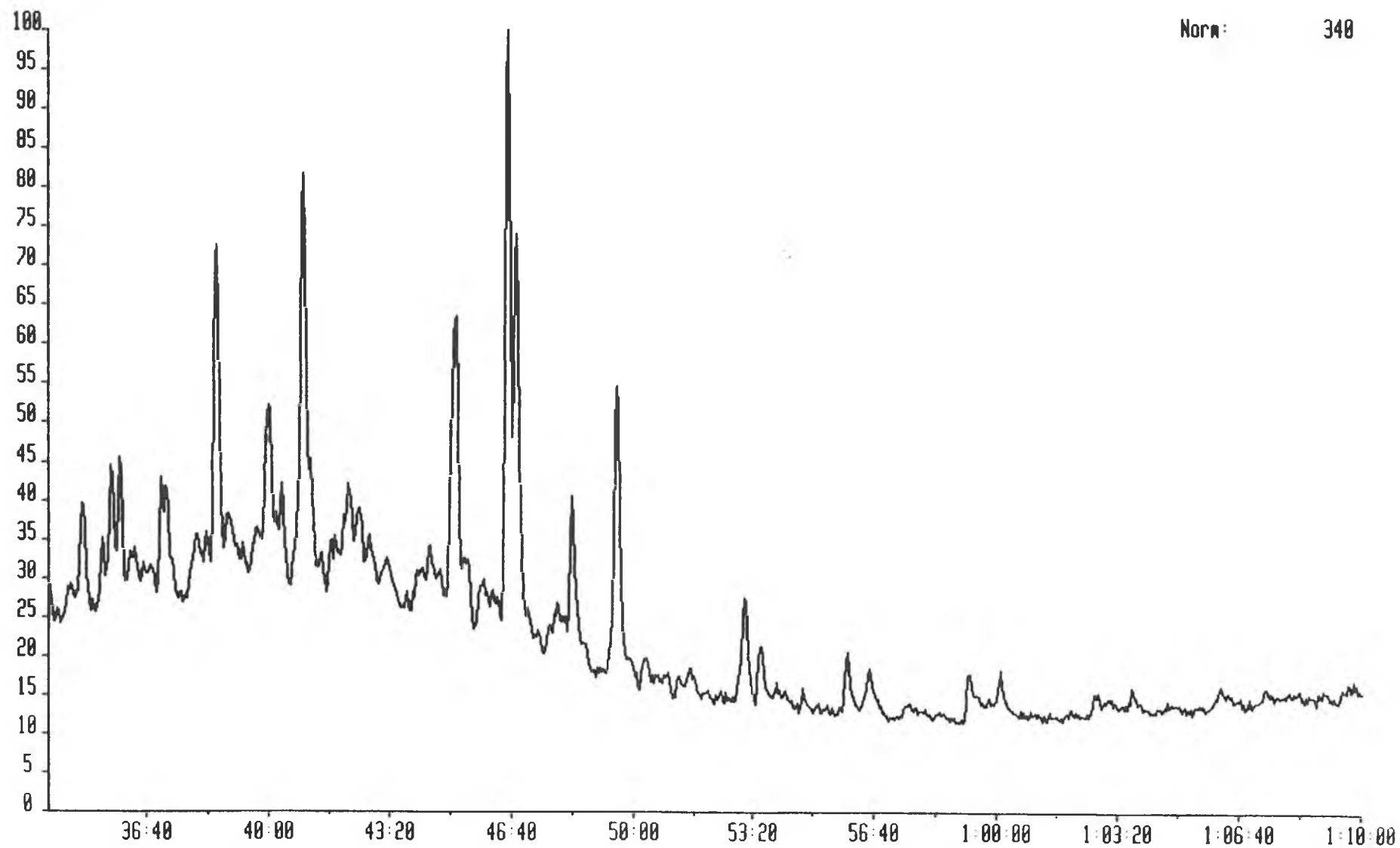
Quantification data

A 30-SEP-92 Str:Voltage 70H Sys: SATS1
Sample 7 Injection 1 Group 1 TOTAL ION CURRENT
Text:92H 74 SATS

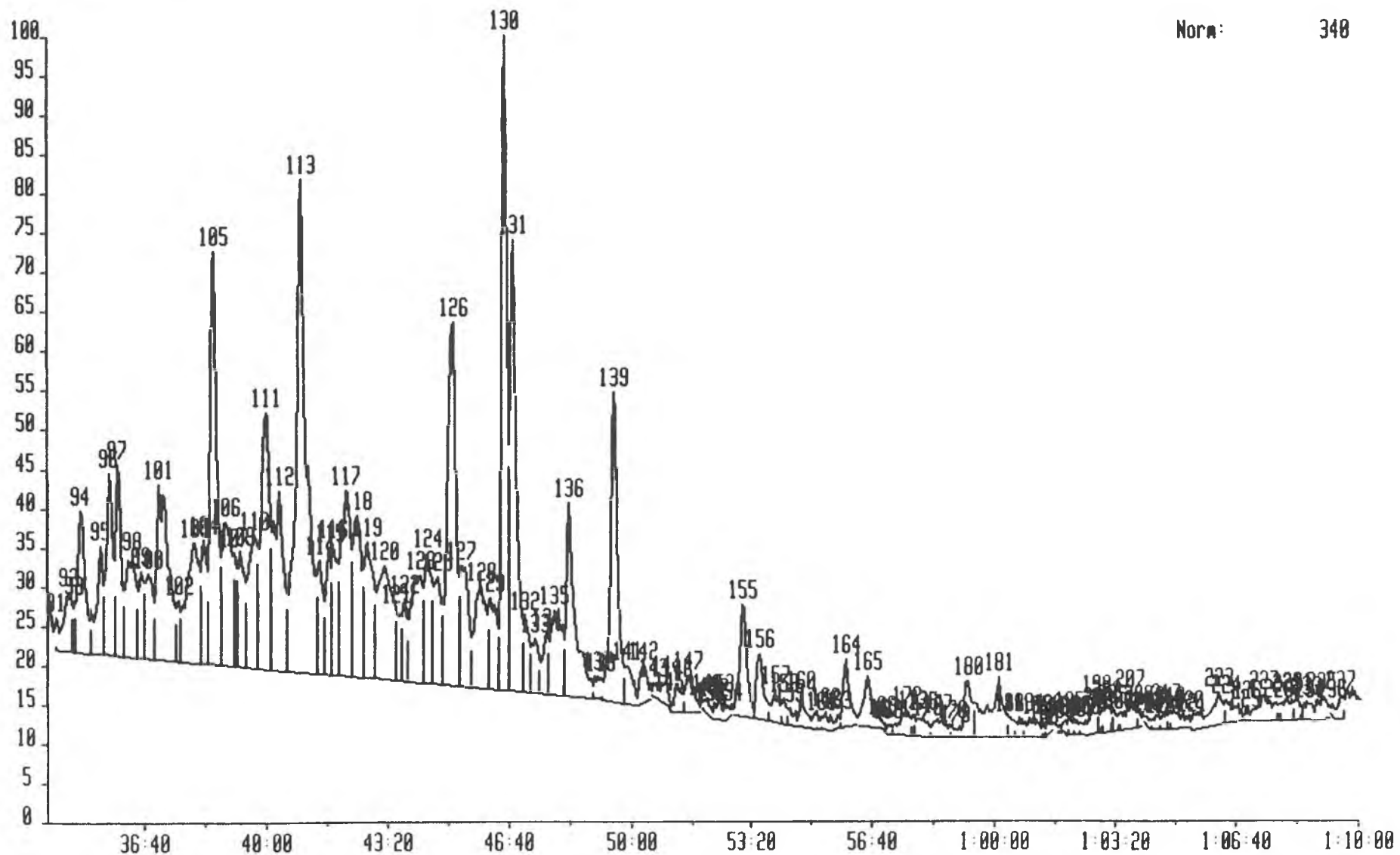
Norm: 2107



6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 7 Injection 1 Group 1 Mass 177.1798
Text:92H 74 SATS

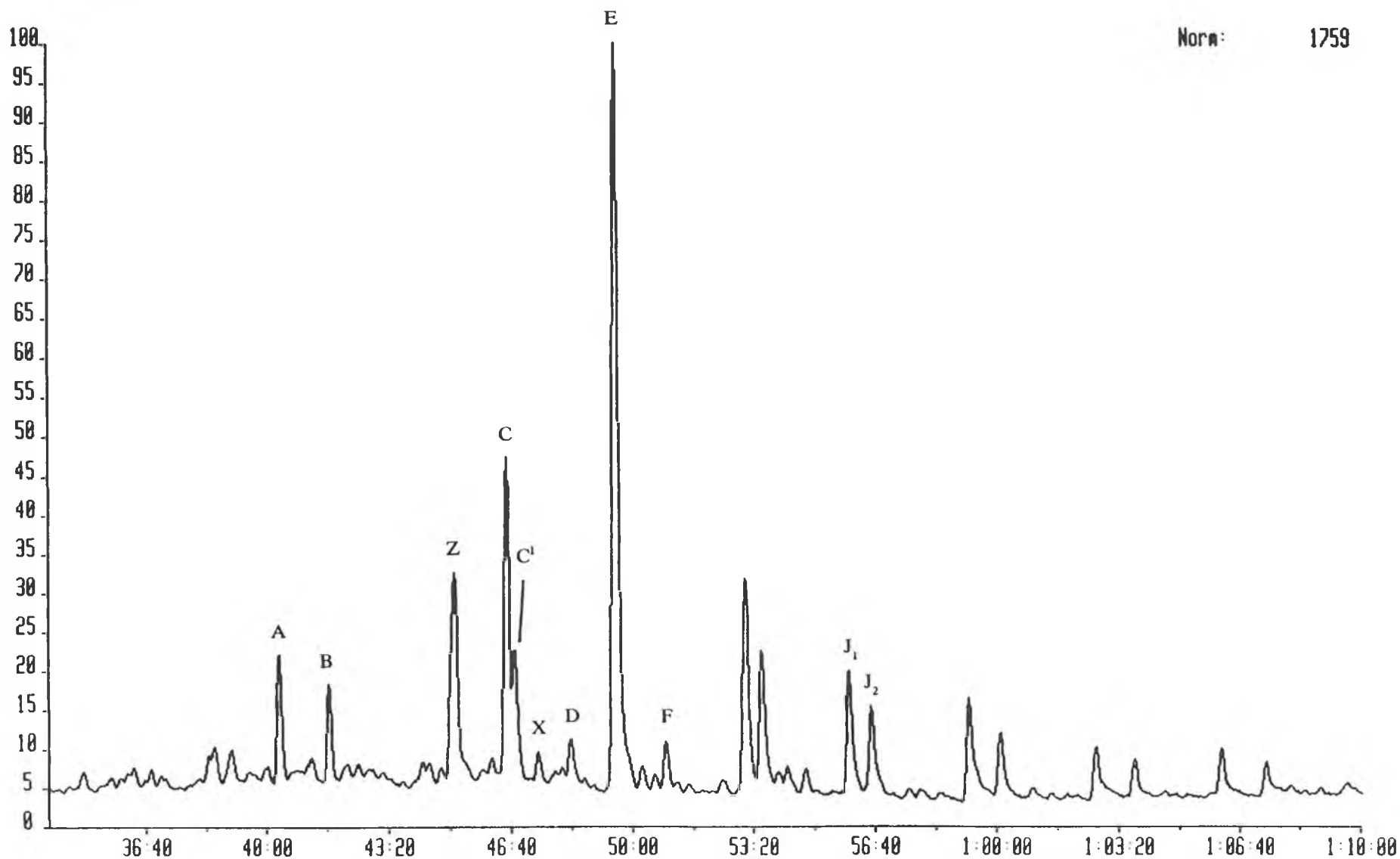


665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 7 Injection 1 Group 1 Mass 177.1798
Text:92H 74 SATS



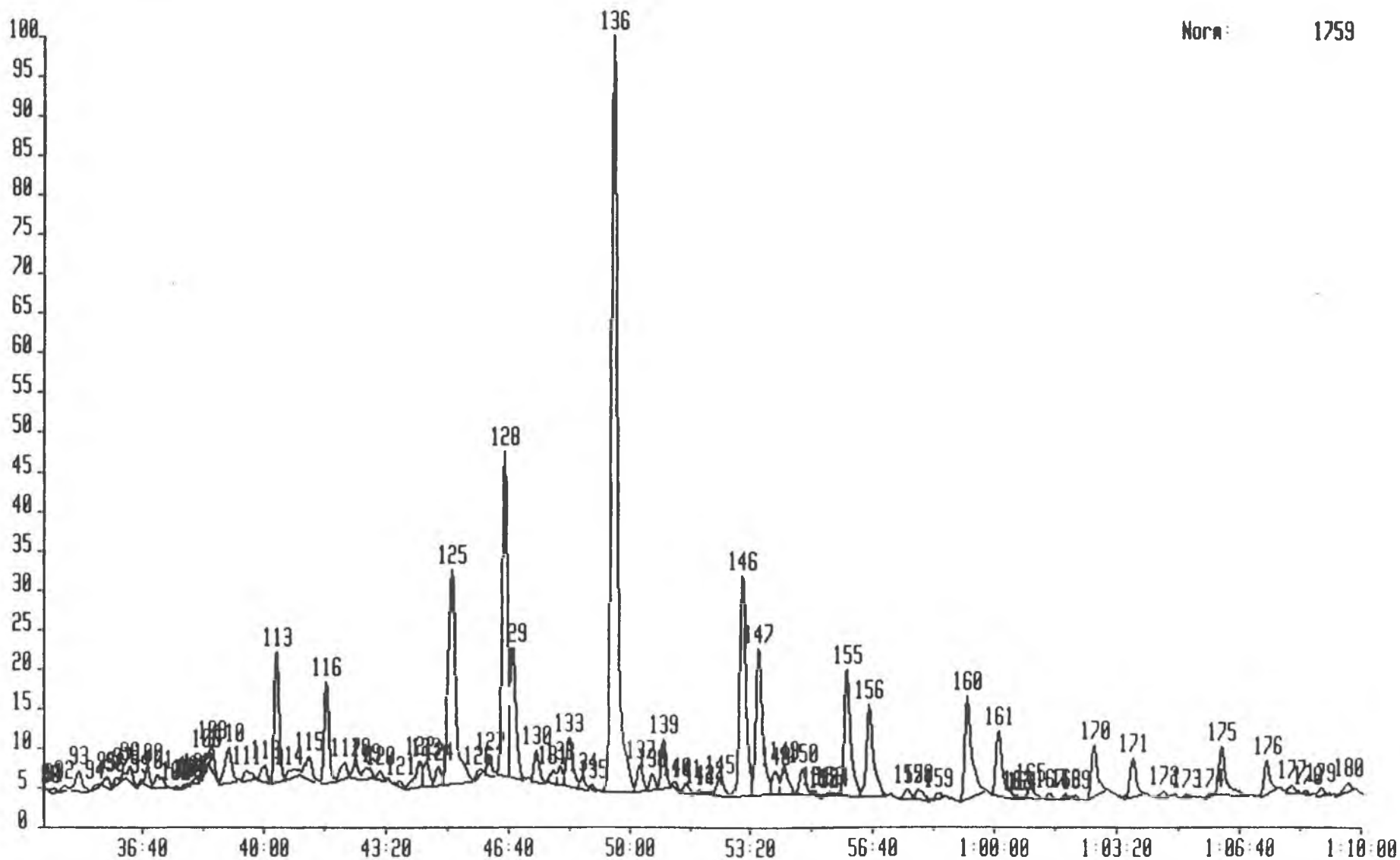
665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 7 Injection 1 Group 1 Mass 191.1798
Text:92H 74 SATS

Norm: 1759



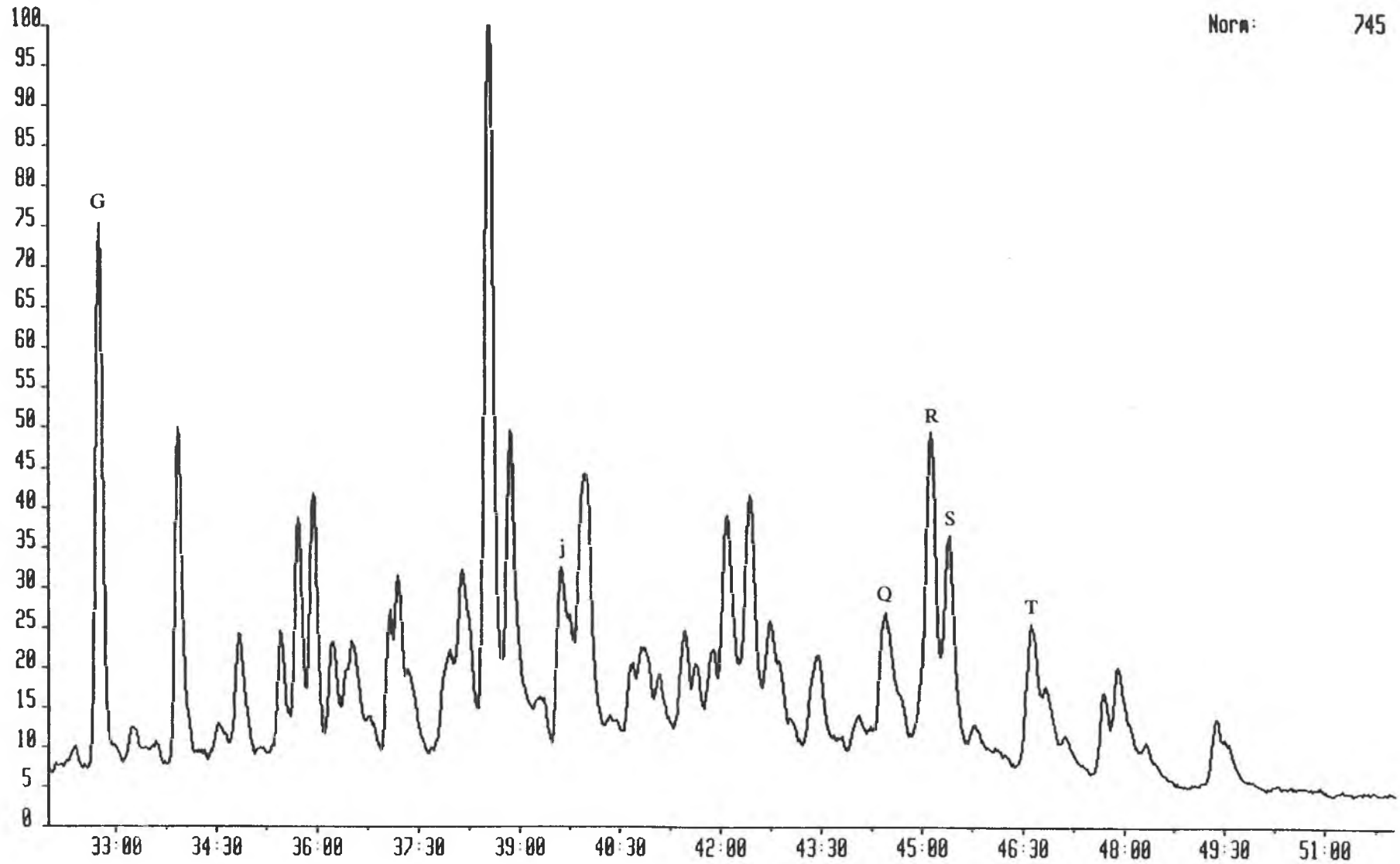
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Sample 7 Injection 1 Group 1 Mass 191.1798
Text:92H 74 SATS

Norm: 1759

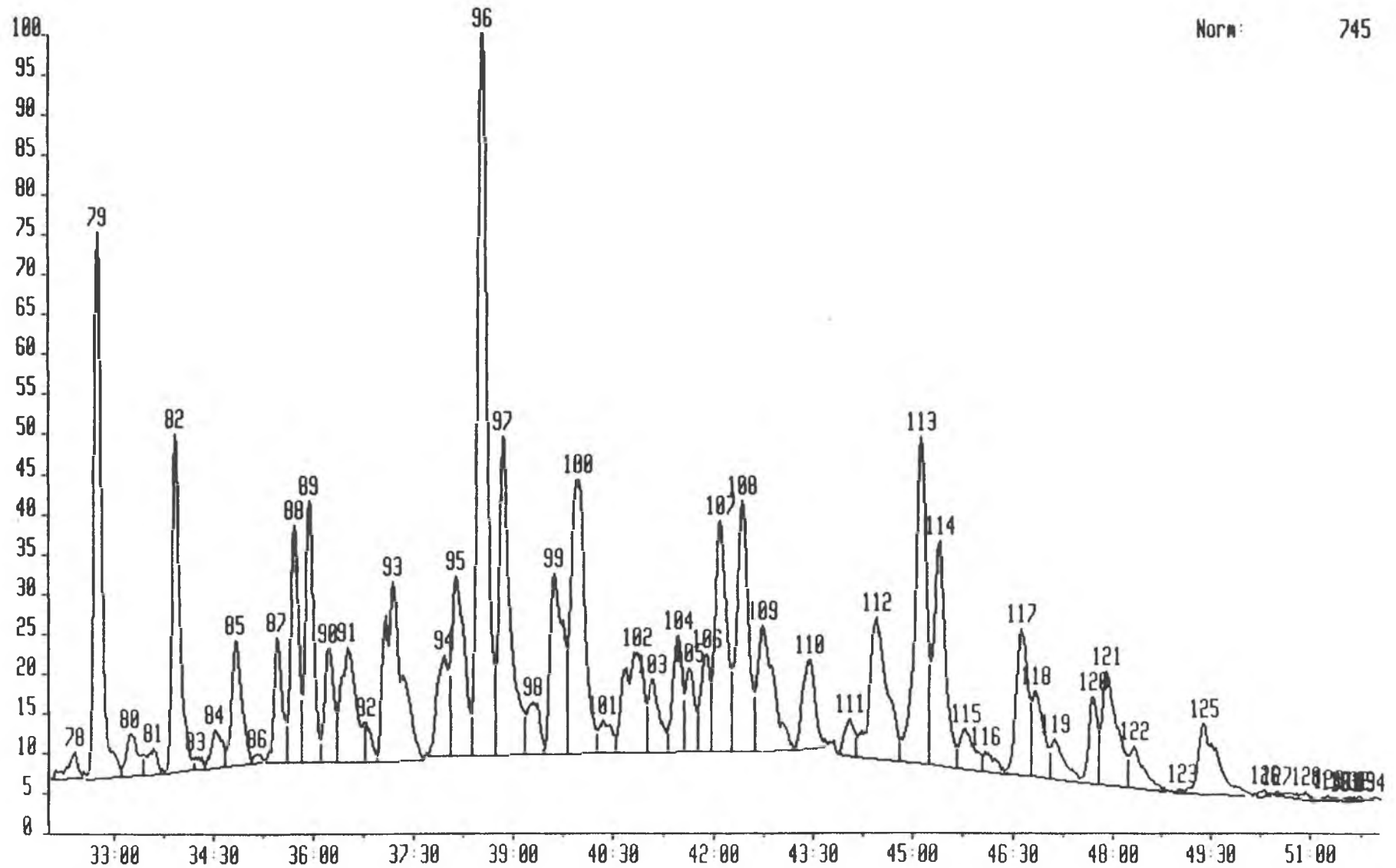


6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 7 Injection 1 Group 1 Mass 217.1956
Text: 92H 74 SATS

Norm: 745

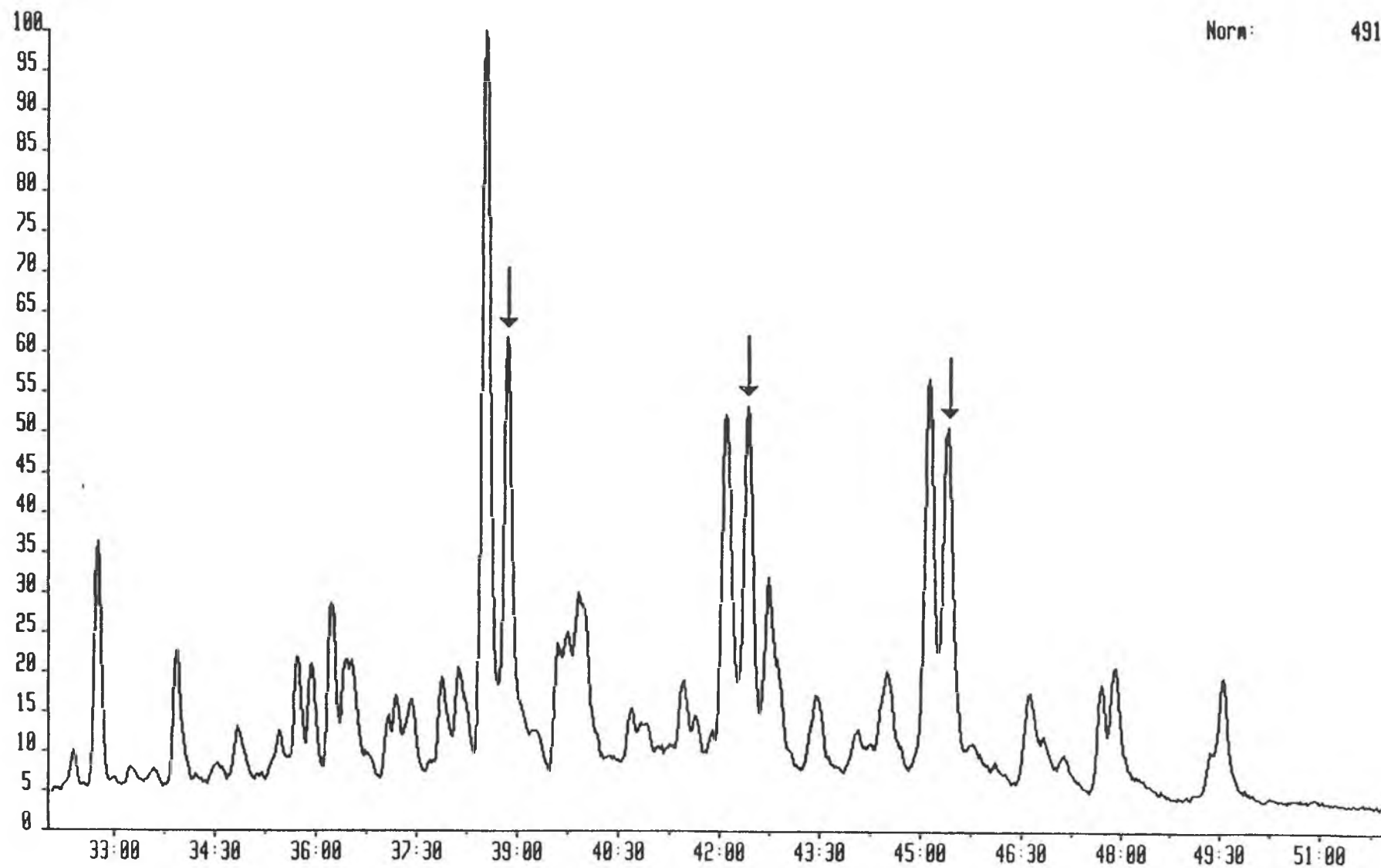


6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 7 Injection 1 Group 1 Mass 217.1956
Text:92H 74 SATS

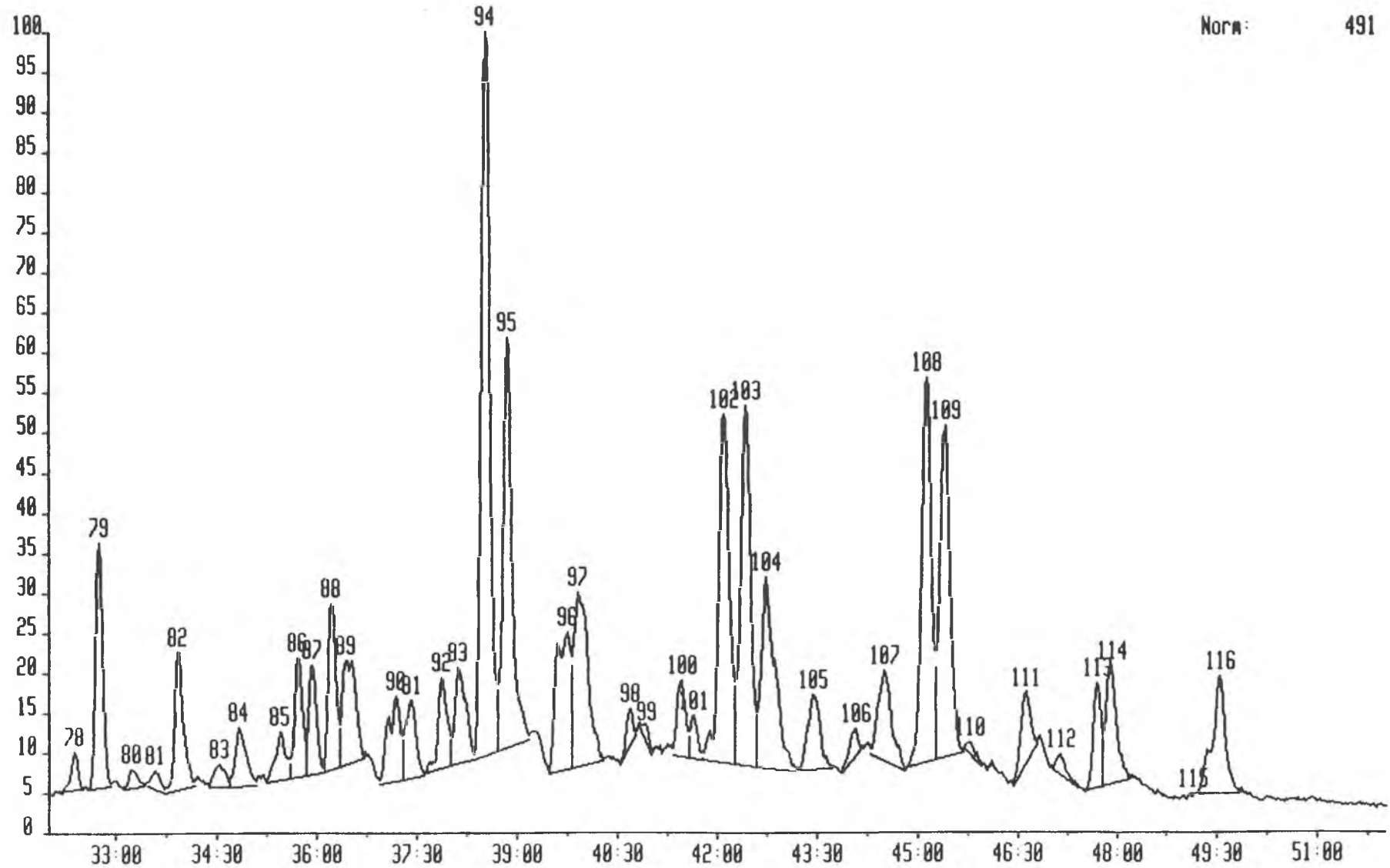


6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 7 Injection 1 Group 1 Mass 218.2034
Text:92H 74 SATS

Norm: 491



665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 7 Injection 1 Group 1 Mass 218.2034
Text: 92H 74 SATS



Norm: 491

92H74

Mass	Ret. Time	Scan	No.	Peak Area	Peak Height
=====	=====	=====	=====	=====	=====
177.1798		0		0.00	0.00
	0 34 13	3578	91	67.60	14.20
	0 34 34	3621	92	278.48	25.40
	0 34 43	3638	93	90.02	22.14
	0 34 54	3661	94	778.97	60.94
	0 35 27	3728	95	517.16	46.57
	0 35 41	3757	96	820.53	79.01
	0 35 55	3785	97	760.44	82.95
	0 36 18	3833	98	726.96	43.62
	0 36 34	3865	99	328.12	37.31
	0 36 46	3890	100	464.61	36.67
	0 37 3	3924	101	1507.26	75.73
	0 37 34	3988	102	178.84	26.52
	0 38 0	4041	103	1168.54	51.89
	0 38 16	4073	104	524.23	53.64
	0 38 31	4105	105	1945.41	178.70
	0 38 52	4147	106	1050.68	62.22
	0 39 7	4177	107	232.42	49.47
	0 39 16	4196	109	544.47	50.07
	0 39 38	4241	110	953.23	56.98
	0 39 57	4280	111	1633.26	110.94
	0 40 19	4325	112	1356.95	77.69
	0 40 55	4398	113	3929.59	213.01
	0 41 25	4460	114	496.03	49.00
	0 41 43	4496	115	479.08	54.94
	0 41 49	4508	116	555.86	56.87
	0 42 9	4549	117	1352.72	80.19
	0 42 29	4589	118	1044.92	70.18
	0 42 44	4621	119	944.84	58.84
	0 43 15	4683	120	1296.61	49.00
	0 43 33	4721	121	263.79	30.66
	0 43 47	4748	122	247.23	35.63
	0 44 14	4804	123	911.40	46.28
	0 44 24	4825	124	717.28	56.26
	0 44 41	4860	125	606.10	46.28
	0 45 7	4912	126	2388.90	157.26
	0 45 21	4940	127	778.57	52.50
	0 45 52	5005	128	835.50	44.10
	0 46 8	5036	129	572.26	39.69
	0 46 31	5084	130	2397.30	283.82
	0 46 45	5112	131	2242.84	195.83
	0 47 5	5153	132	299.21	33.22
	0 47 22	5188	133	290.17	23.70
	0 47 40	5225	134	268.58	26.70
	0 47 53	5251	135	687.42	36.38
	0 48 17	5301	136	1170.30	83.64
	0 49 5	5397	137	59.05	9.69
	0 49 10	5408	138	11.07	9.49
	0 49 31	5452	139	1516.59	133.96
	0 49 51	5492	141	199.83	16.43
	0 50 17	5545	142	180.77	16.17
	0 50 35	5581	143	16.88	5.91
	0 50 56	5624	144	102.54	10.61
	0 51 1	5634	145	6.75	4.52
	0 51 16	5666	146	132.84	12.47
	0 51 32	5697	147	205.15	16.01
	0 51 56	5746	148	3.96	3.33
	0 52 2	5760	149	28.11	6.65
	0 52 7	5769	150	15.49	4.12
	0 52 11	5777	151	6.60	5.23

0	52	14	5784	152	23.86	6.84
0	52	24	5804	153	61.98	9.27
0	52	38	5832	154	14.58	5.29
0	53	3	5884	155	602.18	48.55
0	53	30	5939	156	341.31	28.41
0	53	57	5993	157	150.67	14.04
0	54	12	6024	158	68.28	11.38
0	54	22	6045	159	68.83	7.12
0	54	40	6082	160	159.40	13.86
0	55	13	6149	161	18.11	5.33
0	55	22	6167	162	68.08	7.89
0	55	41	6206	163	26.78	5.90
0	55	54	6232	164	279.95	29.15
0	56	29	6305	165	350.13	21.81
0	56	54	6355	166	6.63	3.83
0	56	57	6362	167	6.97	3.57
0	57	2	6372	168	7.92	4.20
0	57	4	6376	169	17.21	4.24
0	57	15	6397	171	27.74	4.97
0	57	33	6435	172	133.76	10.52
0	57	44	6457	173	22.07	9.37
0	58	0	6490	175	127.08	9.05
0	58	7	6505	176	21.62	6.51
0	58	25	6541	177	123.40	7.76
0	58	48	6588	178	14.26	5.22
0	58	54	6600	179	13.71	3.63
0	59	14	6640	180	286.54	24.20
1	0	4	6743	181	638.93	25.84
1	0	20	6776	182	68.32	8.69
1	0	39	6814	183	65.89	8.33
1	0	54	6844	184	97.91	8.46
1	1	7	6871	185	37.75	7.42
1	1	18	6894	186	5.75	3.65
1	1	19	6896	187	7.09	5.39
1	1	25	6909	188	40.89	7.11
1	1	44	6947	190	3.98	3.70
1	1	52	6963	192	12.01	4.75
1	1	55	6970	193	16.16	5.64
1	2	2	6983	195	45.80	8.17
1	2	13	7007	196	39.15	6.27
1	2	21	7023	197	25.49	4.74
1	2	27	7035	198	5.65	6.51
1	2	47	7075	199	175.69	15.04
1	2	50	7081	200	36.60	9.12
1	2	55	7091	201	10.96	7.89
1	3	3	7109	202	117.63	11.50
1	3	12	7127	205	59.28	9.72
1	3	23	7149	206	13.70	6.26
1	3	41	7186	207	177.68	14.62
1	3	56	7216	208	29.65	7.34
1	4	7	7239	210	4.66	3.02
1	4	11	7247	211	4.47	4.26
1	4	15	7255	212	10.20	4.06
1	4	28	7282	214	43.03	6.37
1	4	31	7288	216	5.19	4.00
1	4	40	7307	217	47.31	9.23
1	4	47	7320	218	15.88	6.43
1	4	49	7325	219	109.94	7.61
1	5	19	7386	220	15.24	5.64
1	5	23	7394	221	4.49	4.54
1	6	10	7490	223	297.05	13.57
1	6	20	7511	224	134.88	10.34
1	6	52	7576	225	7.41	2.97
1	6	54	7580	226	38.28	6.94
1	7	22	7637	227	211.82	10.87
1	7	48	7689	228	14.88	7.20

191.1798

1	8	1	7716	229	128.70	9.49
1	8	17	7749	231	74.43	9.85
1	8	32	7780	233	38.54	8.24
1	8	36	7788	234	41.28	7.15
1	8	56	7829	235	125.45	9.40
1	9	12	7861	236	23.33	4.94
1	9	28	7893	237	74.38	10.52
			0		0.00	0.00
0	34	11	3573	90	9.62	9.74
0	34	14	3580	91	54.56	10.33
0	34	31	3615	92	59.70	11.12
0	34	55	3664	93	459.09	43.00
0	35	20	3715	94	71.95	10.51
0	35	41	3758	95	171.93	23.43
0	35	54	3784	96	119.44	19.61
0	36	8	3812	97	59.83	15.02
0	36	19	3834	98	228.10	34.94
0	36	34	3866	99	23.66	9.84
0	36	47	3891	100	252.42	37.13
0	37	3	3925	101	321.00	28.41
0	37	33	3986	102	35.72	7.91
0	37	51	4022	103	41.73	8.93
0	37	57	4034	104	3.71	3.32
0	38	1	4042	106	4.69	4.48
0	38	8	4058	107	73.98	14.70
0	38	22	4085	108	193.21	36.17
0	38	32	4106	109	388.25	55.73
0	39	0	4163	110	855.44	76.06
0	39	29	4222	111	286.87	24.53
0	40	0	4285	112	319.93	36.02
0	40	19	4325	113	2191.25	289.73
0	40	39	4365	114	300.68	19.30
0	41	12	4432	115	533.62	48.93
0	41	41	4492	116	1690.81	223.62
0	42	10	4552	117	419.29	35.77
0	42	29	4590	118	309.78	35.58
0	42	44	4621	119	288.29	23.72
0	43	8	4670	120	158.07	18.98
0	43	43	4740	121	79.29	13.74
0	44	13	4803	122	667.48	59.27
0	44	22	4821	123	559.01	53.75
0	44	44	4865	124	393.64	41.16
0	45	6	4910	125	6284.40	477.46
0	45	49	4997	126	85.13	14.97
0	46	7	5034	127	302.50	41.41
0	46	32	5085	128	5755.76	723.57
0	46	44	5111	129	2702.15	289.01
0	47	25	5193	130	555.82	68.96
0	47	51	5247	131	279.11	29.37
0	48	3	5271	132	299.01	39.30
0	48	17	5301	133	1150.48	106.80
0	48	39	5345	134	211.18	24.40
0	48	57	5381	135	53.88	10.63
0	49	30	5450	136	16733.29	1683.94
0	50	15	5541	137	540.08	57.64
0	50	35	5581	138	300.35	36.31
0	50	54	5621	139	909.58	108.43
0	51	15	5663	140	103.98	14.19
0	51	32	5698	141	222.27	22.54
0	51	54	5742	142	63.03	9.46
0	52	11	5777	144	21.01	7.26
0	52	26	5809	145	449.58	36.02
0	53	4	5885	146	5001.58	489.70
0	53	30	5938	147	3662.73	326.21
0	53	57	5993	148	512.45	50.78
0	54	12	6025	149	709.55	64.01

0	54	42	6086	150	545.74	57.34
0	55	4	6130	151	66.41	11.51
0	55	15	6154	152	17.81	5.59
0	55	25	6173	153	43.66	10.03
0	55	33	6189	154	7.83	4.48
0	55	54	6232	155	2939.49	278.85
0	56	30	6306	156	2367.42	202.76
0	57	35	6438	157	206.39	21.79
0	57	51	6471	158	242.69	19.18
0	58	25	6540	159	116.00	13.43
0	59	13	6638	160	2579.12	228.16
1	0	4	6743	161	1629.60	143.42
1	0	35	6806	162	21.42	8.32
1	0	36	6809	163	10.63	5.60
1	0	43	6822	164	17.14	5.89
1	0	57	6852	165	254.97	23.08
1	1	29	6916	167	110.88	13.26
1	1	54	6968	168	63.77	13.17
1	2	11	7002	169	40.86	7.70
1	2	41	7063	170	1158.74	117.13
1	3	44	7191	171	835.08	85.83
1	4	35	7295	172	129.93	15.09
1	5	11	7369	173	61.82	9.06
1	5	47	7443	174	40.27	8.11
1	6	6	7482	175	1363.09	107.42
1	7	22	7637	176	664.04	73.59
1	8	4	7722	177	163.69	18.23
1	8	30	7775	178	51.61	8.94
1	8	52	7820	179	145.16	15.63
1	9	36	7911	180	211.32	20.23
			0		0.00	0.00
0	32	23	3353	78	250.48	24.18
0	32	44	3396	79	3752.45	510.55
0	33	13	3455	80	460.10	39.40
0	33	35	3499	81	257.11	24.31
0	33	55	3540	82	2387.38	315.51
0	34	13	3578	83	74.57	12.96
0	34	30	3613	84	372.97	34.85
0	34	48	3650	85	1165.68	116.70
0	35	8	3690	86	42.99	8.52
0	35	26	3727	87	930.48	117.87
0	35	42	3759	88	1714.89	221.54
0	35	55	3786	89	1957.81	243.87
0	36	12	3821	90	978.81	106.51
0	36	30	3857	91	1609.74	107.03
0	36	46	3890	92	230.41	37.32
0	37	11	3940	93	2945.15	167.47
0	37	57	4035	94	1075.93	94.00
0	38	7	4056	95	2181.54	169.04
0	38	31	4104	96	6195.80	674.11
0	38	50	4143	97	3315.66	298.44
0	39	17	4198	98	637.64	48.93
0	39	36	4237	99	2210.42	170.31
0	39	58	4281	100	3560.37	257.00
0	40	20	4326	101	386.87	30.68
0	40	50	4387	102	1837.60	94.82
0	41	3	4414	103	736.75	69.09
0	41	27	4463	104	1014.17	109.47
0	41	37	4483	105	678.52	79.33
0	41	52	4515	106	834.69	91.72
0	42	5	4540	107	2460.44	216.90
0	42	25	4581	108	2798.49	234.78
0	42	43	4618	109	1872.63	117.07
0	43	25	4704	110	1065.88	84.41
0	44	2	4779	111	303.86	34.71
0	44	26	4828	112	2384.21	132.87

217.1956

0 45 6	4910	113	3425.59	306.07
0 45 23	4944	114	2472.86	210.68
0 45 47	4993	115	538.04	38.08
0 46 5	5030	116	217.24	18.67
0 46 36	5094	117	1573.88	137.15
0 46 50	5122	118	970.37	81.15
0 47 6	5155	119	484.65	37.15
0 47 41	5226	120	651.59	81.46
0 47 52	5250	121	1666.64	106.58
0 48 17	5301	122	556.22	39.41
0 49 1	5390	123	11.07	4.19
0 49 21	5431	125	1259.25	66.25
0 50 17	5545	126	43.02	5.88
0 50 28	5568	127	8.45	3.44
0 50 54	5621	128	102.06	7.47
0 51 14	5662	129	18.62	4.97
0 51 20	5674	130	7.70	3.52
0 51 29	5692	131	7.40	3.59
0 51 36	5707	132	18.98	4.02
0 51 41	5717	133	15.27	4.55
0 51 51	5737	134	4.85	2.16
	0		0.00	0.00
0 32 22	3351	78	145.69	23.16
0 32 44	3395	79	1003.15	150.36
0 33 13	3455	80	94.34	11.25
0 33 35	3499	81	97.40	11.55
0 33 55	3540	82	705.49	85.07
0 34 31	3614	83	157.74	13.74
0 34 49	3651	84	360.25	35.75
0 35 26	3727	85	293.74	29.45
0 35 42	3759	86	576.57	73.46
0 35 55	3786	87	510.83	67.95
0 36 12	3821	88	792.24	102.48
0 36 26	3848	89	845.44	64.41
0 37 11	3940	90	627.29	52.52
0 37 25	3969	91	494.61	48.13
0 37 51	4022	92	497.41	56.52
0 38 6	4054	93	656.15	59.87
0 38 30	4102	94	3640.59	444.81
0 38 50	4142	95	2229.88	253.13
0 39 44	4253	96	1224.55	84.80
0 39 53	4271	97	1503.43	108.02
0 40 40	4368	98	123.21	22.75
0 40 56	4399	99	57.96	11.13
0 41 27	4463	100	392.85	47.00
0 41 38	4485	101	183.97	25.93
0 42 4	4539	102	2239.43	213.92
0 42 25	4581	103	2279.89	221.03
0 42 43	4618	104	1550.11	117.49
0 43 25	4705	105	558.03	46.55
0 44 4	4783	106	138.47	17.25
0 44 29	4835	107	724.35	55.17
0 45 6	4910	108	2194.27	237.36
0 45 23	4944	109	2091.45	204.63
0 45 45	4990	110	52.50	7.14
0 46 36	5094	111	446.33	45.07
0 47 7	5158	112	100.36	12.33
0 47 41	5227	113	477.12	64.79
0 47 53	5252	114	800.49	73.52
0 49 6	5401	115	2.35	2.00
0 49 30	5450	116	905.30	72.17
	0		0.00	0.00
0 32 20	3347	83	119.60	11.03
0 32 44	3396	84	1594.52	207.77
0 33 16	3461	85	305.14	18.39
0 33 35	3499	86	54.93	7.49

218.2034

259.2426

0 33 55	3540	87	1002.54	137.55
0 34 18	3588	88	44.63	6.85
0 34 31	3615	89	300.01	28.17
0 34 48	3650	90	451.01	32.21
0 35 9	3691	91	74.86	10.51
0 35 27	3728	92	179.86	28.82
0 35 41	3758	93	873.06	89.91
0 35 54	3784	94	685.00	91.18
0 36 14	3824	95	118.55	12.12
0 36 46	3890	96	97.19	11.82
0 37 3	3925	97	1248.59	71.95
0 37 58	4036	98	442.81	27.46
0 38 15	4071	99	133.87	18.74
0 38 31	4104	100	1813.01	190.68
0 38 50	4142	101	823.12	49.58
0 39 20	4204	102	181.08	17.34
0 39 58	4281	103	1196.00	87.17
0 40 26	4338	104	97.25	7.12
0 40 41	4369	105	199.11	27.65
0 40 51	4390	106	494.16	39.28
0 41 4	4417	107	104.54	11.79
0 41 22	4454	108	25.31	5.05
0 41 38	4485	109	89.77	15.18
0 41 52	4514	110	161.01	17.82
0 42 3	4536	111	263.19	19.10
0 42 26	4583	112	313.46	29.04
0 42 44	4620	113	181.90	15.60
0 43 1	4656	114	5.81	3.45
0 43 13	4680	115	41.44	5.97
0 43 28	4711	116	5.27	2.55
0 43 30	4714	117	6.35	2.92
0 43 35	4724	118	5.38	2.59
0 43 45	4744	119	134.59	14.78
0 44 1	4778	120	107.80	9.77
0 44 24	4825	121	90.15	9.18
0 44 33	4842	122	90.73	10.14
0 44 47	4872	123	11.75	3.75
0 45 6	4910	124	296.90	28.26
0 45 23	4944	125	209.09	18.04
0 45 47	4994	126	59.59	5.70
0 46 7	5035	127	181.81	14.58
0 46 31	5083	128	165.88	14.13
0 46 45	5113	129	41.29	6.49
0 47 5	5153	130	25.35	3.82
0 47 21	5186	131	100.71	11.65
0 47 52	5249	132	93.28	6.41
0 48 17	5300	133	147.57	9.99
0 48 38	5342	134	8.91	3.05
0 48 41	5348	135	1.95	1.78
0 48 48	5364	136	17.79	3.96
0 48 52	5371	137	4.53	2.09
0 49 6	5401	138	42.41	5.33
0 49 30	5450	139	237.08	22.49
0 49 52	5493	140	1.44	1.37
0 49 58	5506	141	30.49	3.98
0 50 12	5534	142	1.29	1.44
0 50 13	5537	143	10.14	3.45
0 50 25	5562	144	7.37	3.11
0 50 46	5605	145	52.07	4.16
0 50 53	5619	146	16.78	3.49
0 50 59	5631	147	4.30	3.01
0 51 8	5648	148	11.83	2.81
0 51 21	5676	149	4.55	1.55
0 51 29	5691	150	1.39	1.74
0 51 39	5713	151	42.36	4.50

Figure 10.8

SATURATE MASS FRAGMENTOGRAMS

DEPTH: 2641.5m

SAMPLE NO.: 2H 77

Total Ion Current

M/Z 177

M/Z 191

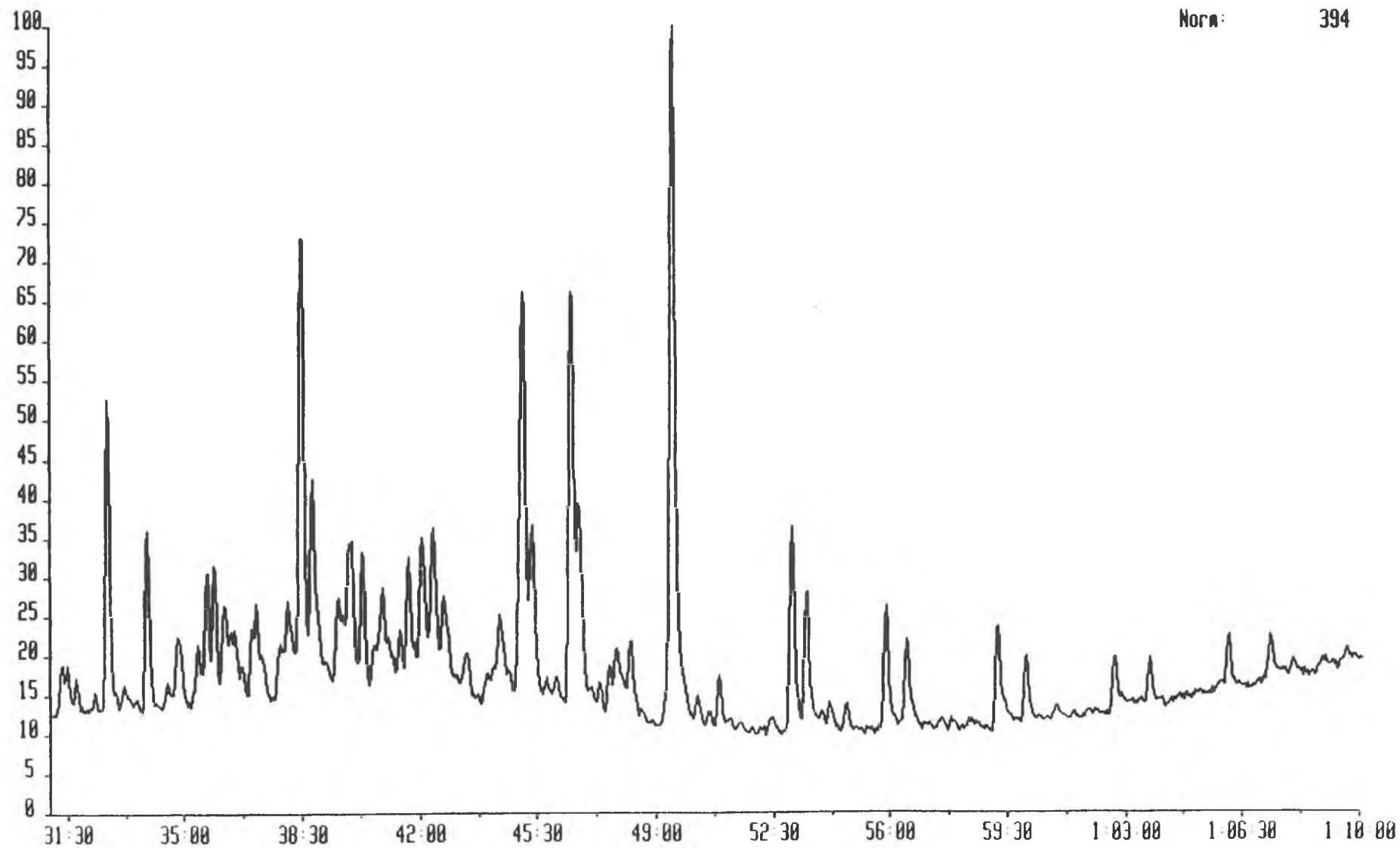
M/Z 217

M/Z 218

Quantification data

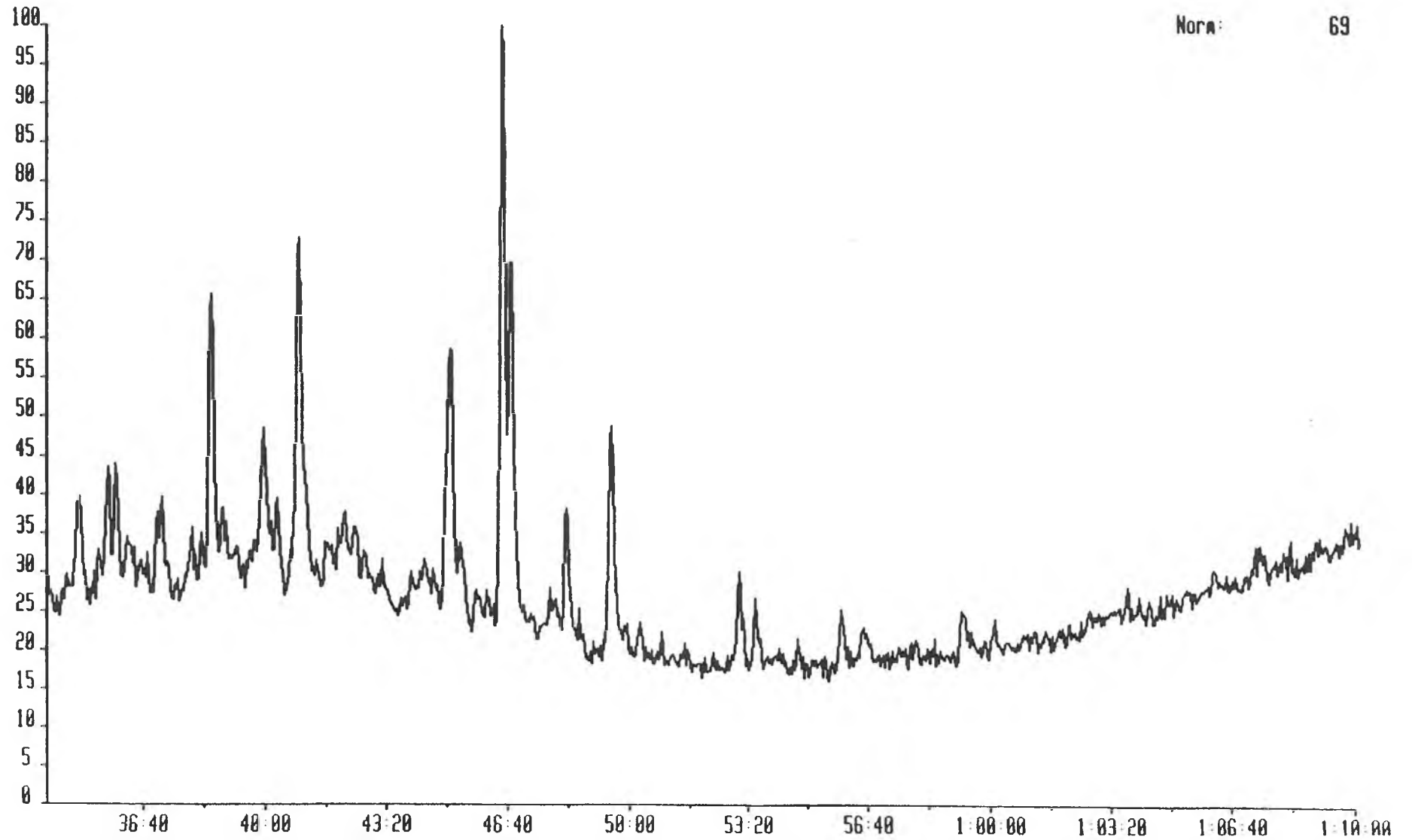
R 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 8 Injection 1 Group 1 TOTAL ION CURRENT
Text:92H 77 SATS

Norm: 394

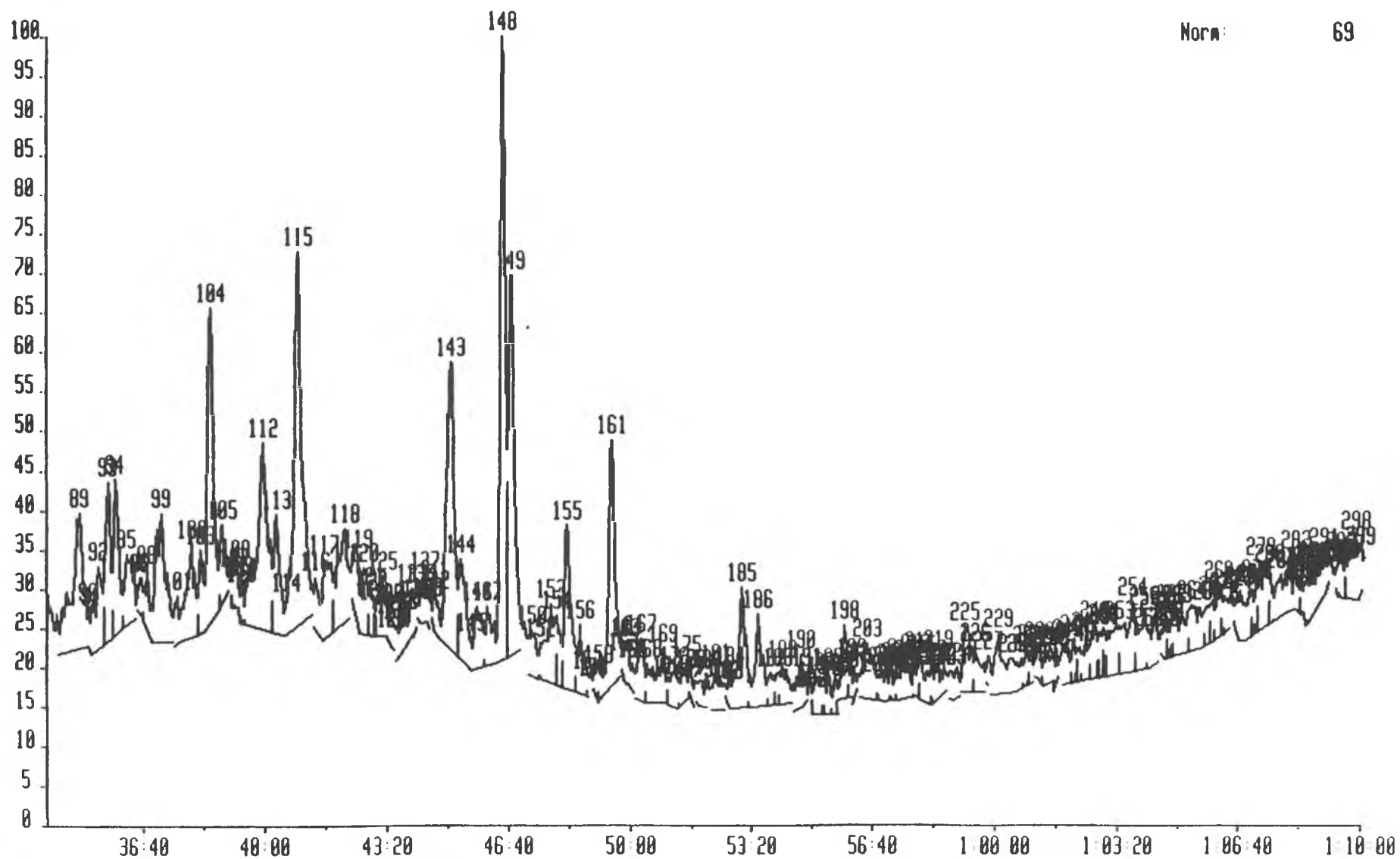


6656C 30-SEP-92 Src:Voltage 70H Sys: SATS1
Sample 8 Injection 1 Group 1 Mass 177.1798
Text:92H 77 SATS

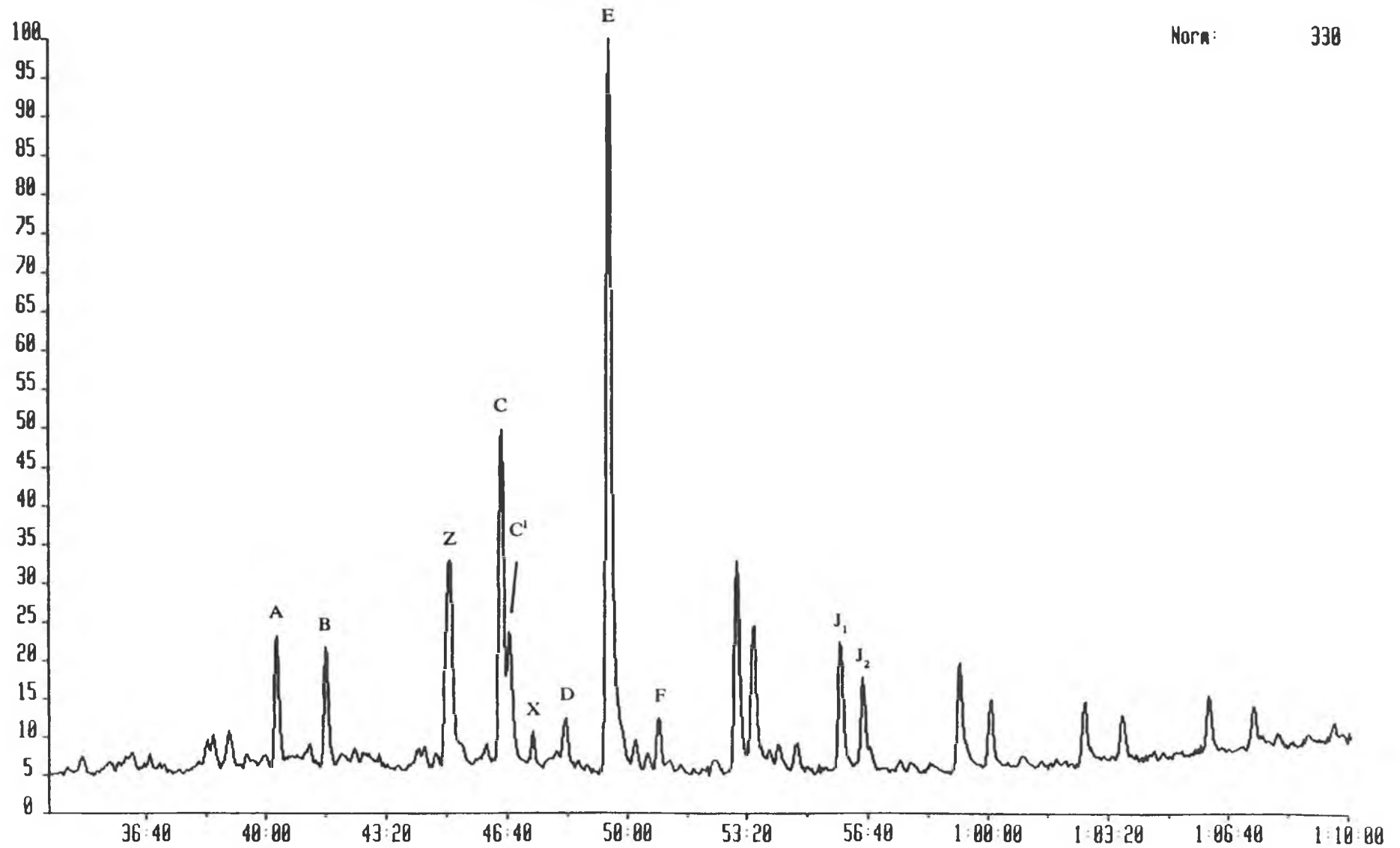
Norm: 69



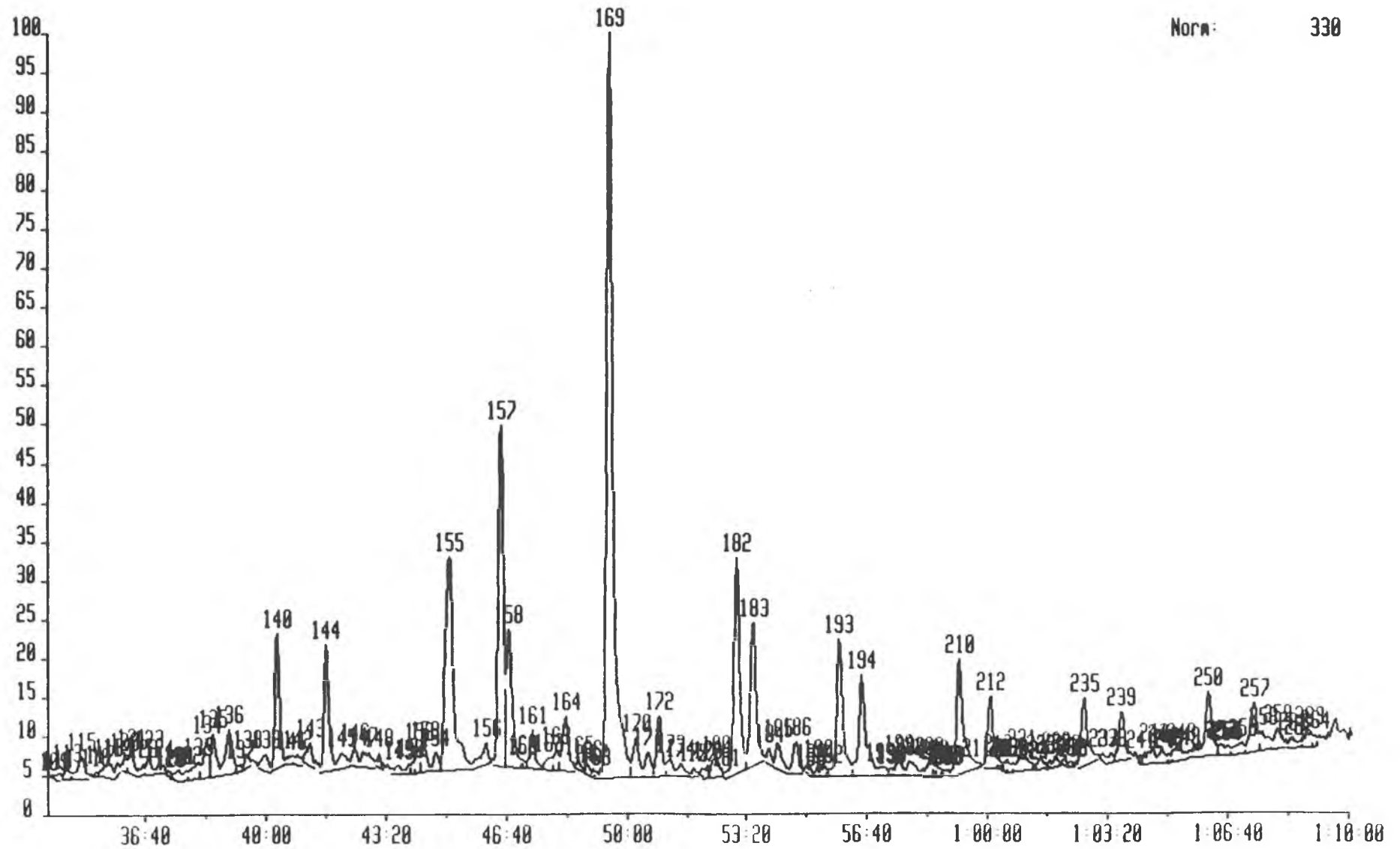
665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 0 Injection 1 Group 1 Mass 177.1798
Text:92H 77 SATS



6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 0 Injection 1 Group 1 Mass 191.1790
Text: 92H 77 SATS

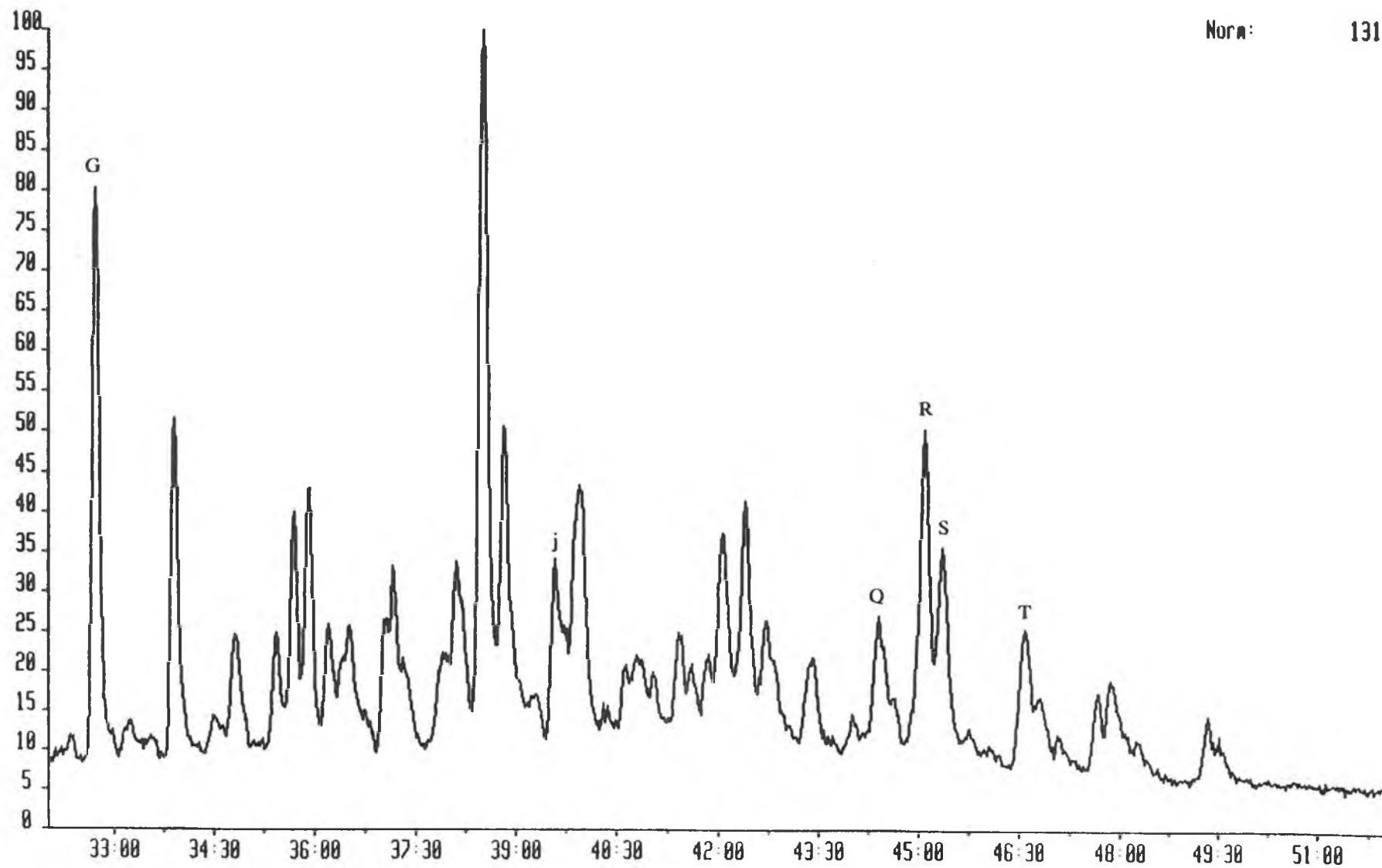


6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 0 Injection 1 Group 1 Mass 191.1798
Text: 92H 77 SATS



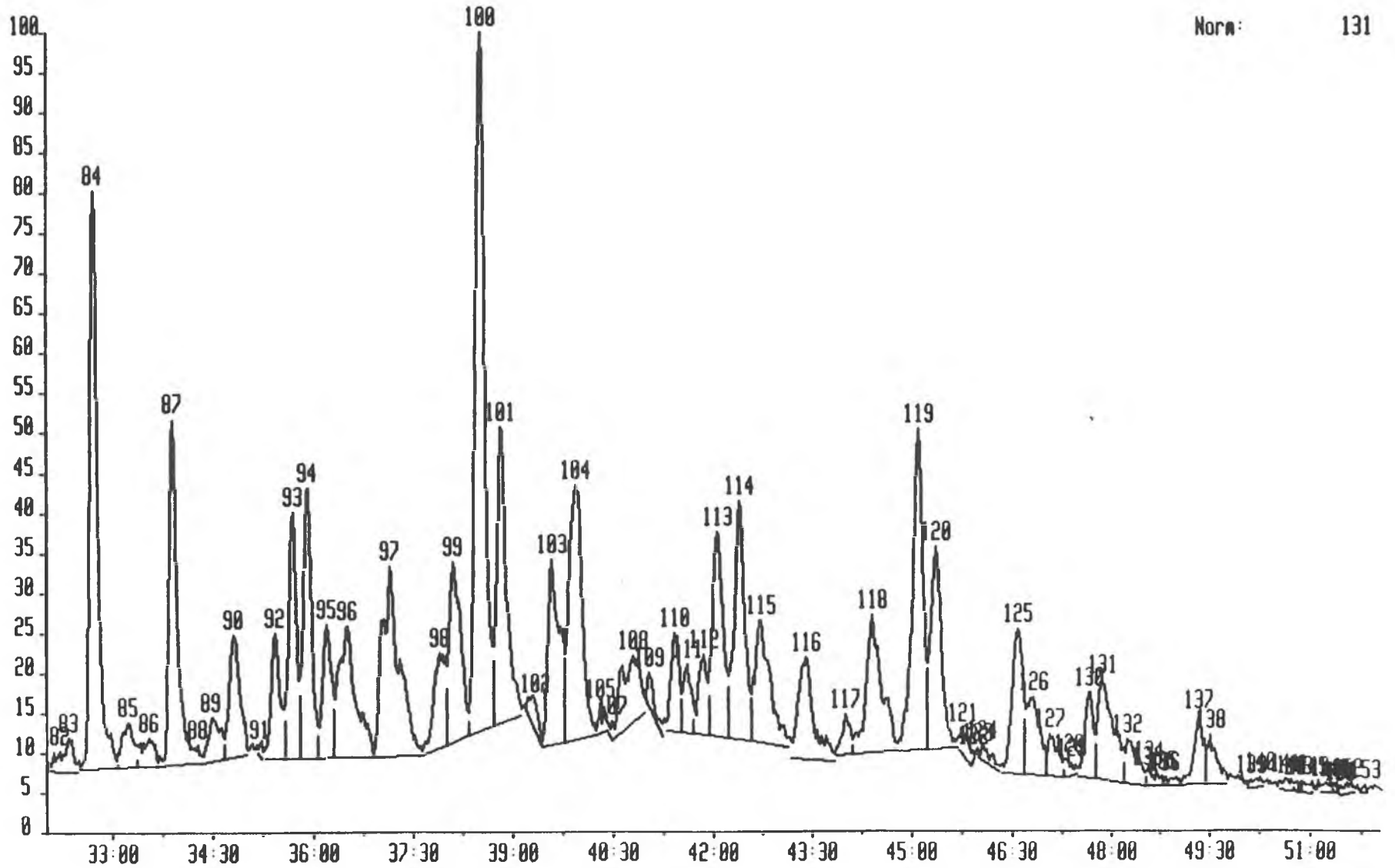
6656C 30-SEP-92 Str:Voltage 70H Sys: SATS1
Sample 8 Injection 1 Group 1 Mass 217.1956
Text:92H 77 SATS

Norm: 131



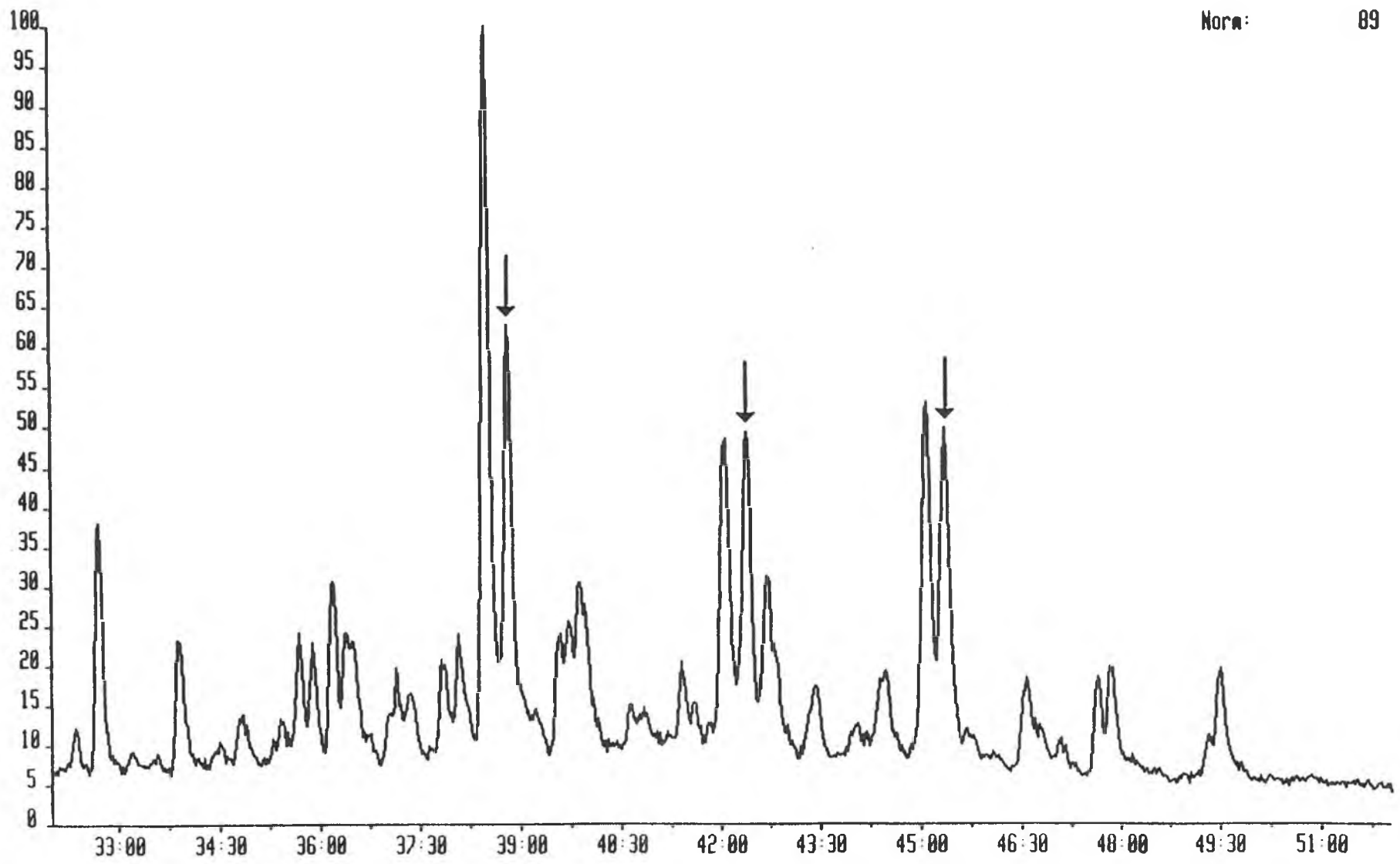
665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 8 Injection 1 Group 1 Mass 217.1956
Text:92H 77 SATS

Norm: 131

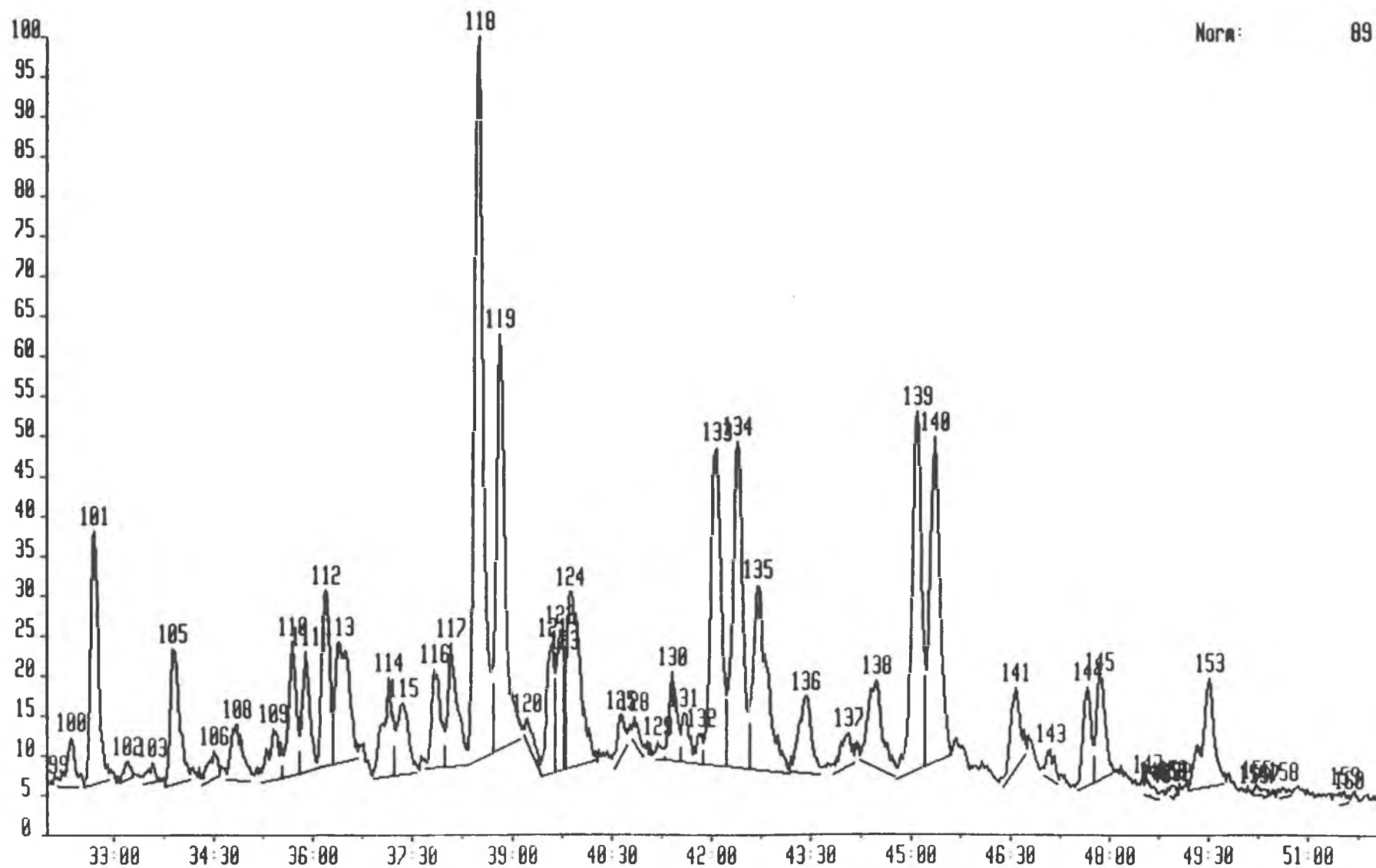


6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 8 Injection 1 Group 1 Mass 218.2034
Text:92H 77 SATS

Norm: 89



6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 8 Injection 1 Group 1 Mass 218.2034
Text:92H 77 SATS



Norm: 89

92H77

Mass	Ret. Time	Scan	No.	Peak Area	Peak Height
177.1798		0		0.00	0.00
	0 34 53	3660	89	212.73	11.88
	0 35 8	3689	90	3.79	3.58
	0 35 11	3696	91	4.94	3.82
	0 35 23	3721	92	82.41	7.24
	0 35 40	3755	93	107.00	13.97
	0 35 52	3779	94	108.93	13.66
	0 36 13	3822	95	65.62	6.18
	0 36 33	3863	96	5.54	3.00
	0 36 34	3866	97	6.46	3.16
	0 36 45	3888	98	33.93	5.35
	0 37 8	3934	99	181.58	11.31
	0 37 36	3991	101	16.49	4.23
	0 37 59	4038	102	104.92	8.13
	0 38 14	4070	103	54.47	7.28
	0 38 30	4103	104	250.11	27.50
	0 38 48	4139	105	49.41	6.90
	0 39 8	4179	107	8.67	3.07
	0 39 10	4183	108	11.74	3.84
	0 39 16	4196	109	5.51	2.94
	0 39 19	4203	110	3.58	3.14
	0 39 23	4210	111	7.20	3.70
	0 39 57	4279	112	295.75	16.39
	0 40 16	4319	113	97.07	10.45
	0 40 33	4354	114	7.60	3.26
	0 40 53	4394	115	424.01	32.87
	0 41 21	4452	116	32.80	4.53
	0 41 37	4483	117	80.57	7.09
	0 42 9	4550	118	121.95	8.23
	0 42 30	4591	119	43.66	6.20
	0 42 39	4611	120	54.10	5.79
	0 42 50	4632	121	13.83	3.89
	0 42 54	4641	122	6.96	3.49
	0 42 58	4649	123	5.33	2.62
	0 43 11	4675	125	41.81	5.31
	0 43 20	4694	126	5.57	2.73
	0 43 21	4696	127	4.15	2.97
	0 43 24	4703	128	1.61	1.17
	0 43 25	4705	129	9.94	2.49
	0 43 36	4726	131	15.18	2.92
	0 43 42	4738	132	25.81	3.50
	0 44 0	4775	133	5.48	4.28
	0 44 1	4778	134	8.13	2.65
	0 44 10	4795	135	1.68	1.40
	0 44 13	4802	136	3.85	3.04
	0 44 21	4819	137	24.54	4.12
	0 44 25	4827	138	3.06	1.79
	0 44 35	4846	141	3.67	3.40
	0 44 36	4850	142	11.93	3.08
	0 45 4	4907	143	322.01	25.31
	0 45 20	4938	144	97.13	8.90
	0 45 36	4971	145	4.69	2.86
	0 45 46	4991	146	55.82	5.56
	0 46 3	5026	147	50.29	5.24
	0 46 28	5077	148	432.64	54.84
	0 46 41	5105	149	333.49	33.51
	0 47 16	5175	150	29.18	4.07
	0 47 30	5204	152	4.02	3.23
	0 47 48	5241	153	79.51	7.05
	0 47 58	5262	154	35.89	6.15

0 48 15	5296	155	152.30	14.48
0 48 35	5337	156	43.45	6.06
0 48 48	5364	157	4.39	1.87
0 48 57	5382	158	1.19	0.69
0 49 6	5399	159	10.63	2.83
0 49 28	5444	161	237.04	21.76
0 49 47	5483	162	1.54	1.51
0 49 49	5488	163	7.02	3.29
0 49 55	5500	164	5.91	3.90
0 50 1	5513	165	8.99	2.23
0 50 15	5541	167	43.79	5.46
0 50 24	5560	168	7.47	3.39
0 50 51	5615	169	53.39	4.78
0 50 58	5628	170	6.98	2.04
0 51 11	5655	173	28.37	3.28
0 51 17	5667	174	2.73	2.38
0 51 30	5694	175	28.45	3.56
0 51 36	5707	176	3.61	2.02
0 51 38	5710	177	3.43	1.56
0 51 48	5730	179	1.83	1.74
0 52 3	5761	180	15.81	3.02
0 52 17	5790	181	29.19	3.68
0 52 35	5826	182	1.80	1.19
0 52 39	5834	183	2.12	1.76
0 52 41	5838	184	3.63	3.20
0 53 1	5879	185	121.37	10.61
0 53 26	5931	186	91.57	8.19
0 53 48	5975	187	22.89	2.88
0 53 59	5998	188	14.03	2.82
0 54 8	6016	189	32.10	3.60
0 54 37	6076	190	29.61	4.63
0 54 47	6095	191	8.42	2.68
0 54 57	6116	192	2.71	1.82
0 55 8	6139	193	29.14	3.32
0 55 14	6152	194	3.29	2.86
0 55 24	6172	195	26.38	3.70
0 55 34	6192	196	12.36	3.16
0 55 38	6200	197	5.06	2.82
0 55 50	6224	198	48.76	6.49
0 56 1	6247	199	10.80	3.09
0 56 5	6256	201	2.31	2.41
0 56 7	6259	202	3.55	2.83
0 56 27	6300	203	72.24	4.90
0 56 44	6335	204	3.85	1.99
0 56 53	6353	205	18.02	2.65
0 57 1	6369	206	10.92	2.70
0 57 7	6382	207	4.87	2.90
0 57 13	6394	208	4.66	1.93
0 57 16	6399	209	3.91	2.93
0 57 20	6409	210	5.05	2.21
0 57 24	6417	211	27.31	3.28
0 57 38	6444	212	9.37	2.96
0 57 47	6464	213	10.44	3.38
0 57 53	6476	214	7.83	3.75
0 57 55	6479	215	14.32	3.38
0 58 5	6500	216	17.17	2.79
0 58 13	6517	217	5.37	3.58
0 58 15	6521	218	3.12	3.15
0 58 25	6540	219	19.24	3.99
0 58 28	6547	220	4.77	2.30
0 58 34	6560	221	5.84	2.22
0 58 45	6582	223	12.44	2.48
0 58 56	6604	224	9.80	2.77
0 59 8	6629	225	55.66	5.75
0 59 24	6661	226	35.93	3.90
0 59 45	6704	227	1.94	2.49

1	0	3	6741	229	64.20	5.33
1	0	27	6789	230	31.08	3.07
1	0	40	6817	231	18.03	2.73
1	0	49	6835	232	11.54	3.16
1	0	58	6853	234	14.27	3.04
1	1	5	6868	235	4.54	2.39
1	1	9	6875	236	11.16	3.05
1	1	13	6884	237	2.30	1.37
1	1	26	6911	239	24.71	3.32
1	1	32	6923	240	2.76	2.69
1	1	38	6935	241	6.61	2.65
1	1	54	6968	243	27.60	3.63
1	2	7	6993	244	20.92	3.83
1	2	16	7012	246	15.99	3.06
1	2	24	7029	247	27.49	3.99
1	2	40	7061	248	38.49	4.72
1	2	53	7088	250	22.78	4.42
1	2	57	7096	251	12.96	4.05
1	3	20	7142	253	69.32	4.38
1	3	43	7189	254	86.11	6.18
1	4	0	7224	255	52.92	5.13
1	4	7	7238	256	5.56	3.26
1	4	18	7261	257	32.06	4.27
1	4	34	7294	258	8.40	2.38
1	4	37	7299	259	10.70	4.28
1	4	41	7308	260	8.64	2.76
1	4	45	7316	261	6.09	3.28
1	4	47	7320	262	5.15	4.26
1	4	55	7336	263	51.10	4.15
1	5	19	7385	264	51.46	4.15
1	5	47	7442	266	22.95	3.40
1	5	55	7460	267	17.24	3.57
1	6	5	7480	269	36.55	4.63
1	6	13	7496	270	8.24	3.45
1	6	15	7500	272	17.72	3.10
1	6	35	7540	274	11.48	3.39
1	6	40	7552	275	26.31	4.42
1	6	55	7582	276	22.05	4.06
1	7	0	7592	277	10.14	4.19
1	7	7	7607	278	17.49	4.30
1	7	14	7620	279	67.22	6.11
1	7	29	7651	280	19.86	4.88
1	7	48	7689	281	31.01	3.73
1	8	11	7737	282	39.12	4.81
1	8	16	7746	283	10.22	2.37
1	8	20	7756	285	6.19	3.80
1	8	26	7767	287	6.20	3.15
1	8	28	7771	288	5.05	3.80
1	8	34	7783	289	14.02	4.59
1	8	41	7797	290	40.93	4.20
1	8	56	7828	291	11.67	3.76
1	9	0	7836	292	7.38	2.21
1	9	15	7868	294	2.06	1.89
1	9	17	7871	295	3.06	2.17
1	9	19	7876	296	3.11	3.03
1	9	21	7880	297	20.42	3.64
1	9	46	7931	298	64.93	5.61
1	9	53	7944	299	5.25	4.18
			0		0.00	0.00
0	34	8	3567	109	0.62	0.84
0	34	12	3576	110	5.37	2.34
0	34	14	3579	111	7.75	2.92
0	34	30	3612	113	26.81	4.55
0	34	53	3660	115	110.09	9.62
0	35	18	3710	116	3.67	1.73
0	35	23	3721	117	9.12	2.81

191.1798

0 35 39	3753	118	68.80	6.54
0 35 54	3783	119	33.57	5.38
0 36 5	3807	120	27.86	5.94
0 36 16	3829	121	74.56	8.83
0 36 35	3868	122	25.97	4.74
0 36 44	3886	123	56.64	8.81
0 37 2	3922	124	34.24	4.05
0 37 18	3955	127	8.26	2.24
0 37 22	3963	129	3.62	2.69
0 37 32	3983	130	23.13	4.01
0 37 36	3991	131	8.33	4.35
0 37 46	4013	132	32.31	4.13
0 38 5	4051	133	80.26	6.89
0 38 20	4082	134	142.54	15.68
0 38 29	4101	135	162.01	17.91
0 38 56	4155	136	200.14	18.36
0 39 15	4193	137	14.48	3.13
0 39 27	4219	138	40.42	5.94
0 39 58	4281	139	68.28	7.01
0 40 17	4320	140	419.21	57.35
0 40 41	4370	141	23.69	3.90
0 40 51	4390	142	35.00	4.33
0 41 12	4432	143	78.76	9.42
0 41 39	4487	144	400.62	53.69
0 42 6	4542	145	71.33	6.35
0 42 26	4583	146	59.70	7.82
0 42 41	4615	147	79.84	6.49
0 43 5	4664	148	27.37	5.87
0 43 40	4735	149	32.80	3.72
0 43 56	4767	150	23.54	4.47
0 44 2	4779	151	17.19	4.83
0 44 12	4801	152	76.39	10.59
0 44 22	4820	153	93.59	10.93
0 44 39	4856	154	59.28	8.03
0 45 3	4905	155	1254.85	90.50
0 46 5	5030	156	99.45	9.14
0 46 28	5078	157	1187.83	144.38
0 46 42	5106	158	575.76	58.18
0 47 4	5151	159	4.16	2.77
0 47 6	5155	160	14.37	3.17
0 47 22	5188	161	106.83	16.20
0 47 48	5241	162	63.05	5.36
0 48 0	5265	163	55.83	8.49
0 48 16	5297	164	225.38	23.23
0 48 38	5342	165	18.93	3.82
0 48 53	5373	166	26.29	4.26
0 49 2	5392	167	3.50	3.71
0 49 6	5400	168	9.90	2.90
0 49 28	5444	169	3223.03	315.61
0 50 13	5537	170	178.67	16.33
0 50 33	5577	171	103.17	10.57
0 50 51	5614	172	234.96	25.89
0 51 10	5654	173	76.59	7.08
0 51 26	5686	174	45.32	5.49
0 51 50	5734	175	21.69	4.02
0 52 3	5762	177	4.77	3.05
0 52 11	5778	179	23.38	5.44
0 52 27	5810	180	91.59	7.40
0 52 43	5842	181	4.86	2.46
0 53 1	5879	182	859.13	92.05
0 53 28	5934	183	584.04	60.57
0 53 55	5990	184	40.49	6.77
0 54 10	6021	185	119.09	11.36
0 54 41	6084	186	124.60	13.30
0 55 3	6129	188	10.94	3.35
0 55 5	6133	189	3.31	2.00

0 55 15	6154	190	41.83	5.41
0 55 33	6189	192	6.66	2.72
0 55 50	6225	193	598.43	58.28
0 56 27	6300	194	506.94	42.62
0 56 59	6366	195	40.58	3.62
0 57 15	6397	196	4.04	2.97
0 57 17	6402	197	2.22	1.98
0 57 18	6405	198	3.72	2.86
0 57 30	6429	199	62.59	7.12
0 57 49	6467	200	82.21	6.13
0 58 19	6528	202	57.07	6.41
0 58 27	6545	203	19.38	5.23
0 58 32	6556	204	25.02	4.27
0 58 43	6578	206	4.62	2.64
0 58 49	6589	207	9.86	2.60
0 58 51	6594	208	2.42	2.16
0 58 53	6598	209	3.39	2.31
0 59 11	6634	210	533.50	48.75
0 59 39	6692	211	9.20	2.57
1 0 1	6737	212	268.22	30.61
1 0 15	6765	213	15.29	4.41
1 0 23	6782	215	10.76	3.12
1 0 28	6792	217	15.42	4.22
1 0 34	6804	219	23.76	4.04
1 0 41	6818	220	7.10	3.89
1 0 54	6845	221	111.95	7.76
1 1 14	6886	223	3.62	2.04
1 1 17	6891	224	2.38	1.74
1 1 25	6908	225	34.47	4.14
1 1 42	6942	226	7.01	3.47
1 1 51	6961	229	29.03	4.68
1 2 9	6998	230	10.93	3.27
1 2 14	7009	232	8.53	2.48
1 2 21	7022	233	2.43	1.71
1 2 38	7058	235	295.79	28.98
1 3 9	7121	237	15.01	3.47
1 3 25	7153	238	30.14	4.18
1 3 40	7184	239	192.31	20.98
1 4 12	7248	241	8.01	3.76
1 4 34	7293	243	82.19	6.59
1 4 49	7324	244	40.70	6.11
1 4 57	7341	246	3.81	3.90
1 4 59	7345	247	14.07	3.50
1 5 20	7387	248	68.87	5.55
1 5 26	7400	249	11.43	3.28
1 6 5	7479	250	320.43	27.46
1 6 25	7521	252	27.94	4.59
1 6 31	7533	253	7.83	4.28
1 6 36	7542	254	5.83	3.65
1 6 38	7547	255	17.63	4.44
1 7 2	7595	256	59.45	4.46
1 7 20	7633	257	230.93	21.25
1 7 34	7662	258	86.19	7.93
1 7 59	7713	259	83.07	8.29
1 8 25	7765	261	23.32	4.80
1 8 36	7787	262	17.48	2.75
1 8 52	7820	263	69.41	7.07
1 9 1	7839	264	15.62	4.88
	0		0.00	0.00
0 32 11	3329	82	17.21	3.44
0 32 19	3345	83	42.08	5.50
0 32 42	3391	84	714.96	94.63
0 33 13	3455	85	78.97	7.44
0 33 32	3493	86	51.91	4.66
0 33 53	3536	87	447.65	56.61
0 34 15	3582	88	14.59	3.00

217.1956

0 34 27	3606	89	82.32	7.19
0 34 48	3648	90	207.47	20.01
0 35 12	3697	91	2.19	2.04
0 35 25	3724	92	174.74	20.56
0 35 41	3757	93	311.88	40.36
0 35 54	3783	94	360.38	44.29
0 36 10	3817	95	193.23	21.72
0 36 29	3856	96	356.77	21.45
0 37 8	3935	97	520.37	31.11
0 37 52	4025	98	181.53	15.52
0 38 4	4050	99	343.17	29.62
0 38 29	4100	100	1027.71	114.60
0 38 48	4138	101	449.80	48.60
0 39 18	4201	102	38.76	5.11
0 39 34	4232	103	337.39	30.38
0 39 54	4274	104	556.06	41.88
0 40 17	4321	105	21.76	4.92
0 40 27	4341	107	3.22	3.01
0 40 46	4379	108	186.16	11.12
0 41 1	4411	109	32.65	5.77
0 41 23	4456	110	131.03	16.13
0 41 35	4479	111	79.83	11.26
0 41 50	4510	112	113.46	13.28
0 42 2	4535	113	353.36	33.51
0 42 22	4575	114	411.86	39.25
0 42 41	4615	115	298.68	20.10
0 43 23	4700	116	246.74	16.58
0 43 58	4772	117	47.19	6.63
0 44 22	4821	118	347.31	22.68
0 45 3	4904	119	542.58	52.92
0 45 20	4938	120	350.38	33.28
0 45 44	4987	121	31.05	4.23
0 45 53	5007	122	2.68	2.02
0 45 58	5016	123	2.11	1.45
0 46 2	5024	124	18.99	2.56
0 46 34	5089	125	257.42	24.09
0 46 48	5118	126	168.31	13.03
0 47 3	5148	127	66.25	6.94
0 47 20	5183	128	8.15	2.98
0 47 22	5187	129	6.88	2.31
0 47 38	5221	130	116.52	14.21
0 47 51	5246	131	250.77	16.45
0 48 13	5292	132	84.95	7.33
0 48 31	5328	133	3.46	2.35
0 48 33	5332	134	16.77	3.28
0 48 44	5356	135	1.64	1.53
0 48 47	5361	136	3.69	1.49
0 49 17	5423	137	108.93	11.47
0 49 28	5445	138	72.22	8.14
0 50 5	5521	139	2.85	1.38
0 50 13	5536	140	7.51	1.80
0 50 36	5583	141	7.53	1.96
0 50 41	5594	142	4.30	1.85
0 50 46	5605	143	4.89	1.79
0 50 50	5613	144	3.82	1.91
0 50 59	5631	145	9.85	1.98
0 51 11	5655	148	11.67	1.64
0 51 18	5670	149	3.59	1.83
0 51 24	5681	150	2.13	1.38
0 51 25	5684	151	3.65	1.55
0 51 30	5693	152	8.52	2.04
0 51 46	5726	153	2.67	1.36
	0		0.00	0.00
0 32 10	3326	99	0.87	0.82
0 32 20	3347	100	36.55	5.62
0 32 42	3392	101	199.27	28.22

0 33 10	3450	102	9.80	2.05
0 33 34	3497	103	13.51	2.22
0 33 52	3535	105	126.35	15.09
0 34 29	3610	106	23.91	3.10
0 34 49	3652	108	66.55	6.28
0 35 23	3721	109	58.32	5.74
0 35 41	3757	110	106.31	14.85
0 35 52	3779	111	95.38	13.33
0 36 10	3817	112	153.30	19.58
0 36 23	3842	113	172.99	13.50
0 37 8	3934	114	99.21	11.00
0 37 21	3962	115	87.19	7.87
0 37 49	4018	116	93.34	11.12
0 38 4	4048	117	123.34	13.77
0 38 28	4098	118	673.10	80.78
0 38 48	4138	119	381.63	46.41
0 39 12	4187	120	21.17	2.24
0 39 34	4233	121	101.44	14.58
0 39 42	4249	122	104.47	15.71
0 39 46	4257	123	23.20	12.73
0 39 51	4267	124	246.41	19.73
0 40 36	4360	125	27.08	4.71
0 40 49	4385	128	12.59	2.76
0 41 10	4428	129	7.88	1.97
0 41 24	4457	130	72.67	9.93
0 41 34	4478	131	37.75	5.49
0 41 50	4510	132	16.37	3.42
0 42 3	4536	133	358.74	35.55
0 42 22	4575	134	373.36	36.44
0 42 40	4613	135	280.66	20.62
0 43 24	4703	136	101.79	8.63
0 44 2	4779	137	36.58	3.73
0 44 27	4831	138	133.00	9.76
0 45 3	4905	139	374.65	40.16
0 45 20	4938	140	369.09	36.54
0 46 33	5087	141	79.87	9.26
0 47 5	5154	143	21.38	3.53
0 47 38	5220	144	85.87	11.18
0 47 49	5243	145	93.77	11.54
0 48 33	5332	147	4.34	1.75
0 48 38	5342	148	4.59	1.37
0 48 41	5349	149	0.98	1.12
0 48 55	5378	150	1.72	1.50
0 48 56	5380	151	1.68	1.42
0 48 59	5386	152	0.72	0.84
0 49 29	5446	153	138.81	12.12
0 50 9	5529	154	0.62	0.60
0 50 12	5534	155	4.20	1.13
0 50 19	5548	157	2.11	0.95
0 50 36	5584	158	5.28	1.23
0 51 30	5693	159	4.37	1.53
0 51 34	5702	160	1.06	0.92
	0		0.00	0.00
0 32 13	3332	81	4.85	1.27
0 32 16	3338	82	11.95	2.18
0 32 42	3391	83	283.29	38.47
0 33 22	3473	84	31.82	2.84
0 33 53	3536	85	172.01	24.52
0 34 13	3577	86	6.63	1.73
0 34 29	3611	87	45.49	5.53
0 34 48	3649	88	71.41	5.28
0 35 24	3723	89	29.28	5.21
0 35 39	3753	90	148.18	15.97
0 35 53	3782	91	122.41	16.06
0 36 10	3816	92	1.74	1.27
0 36 14	3825	93	14.43	2.59

259.2426

0 36 47	3892	94	12.31	2.19
0 37 1	3921	95	207.43	13.06
0 37 57	4034	96	73.05	5.10
0 38 29	4100	97	278.10	29.95
0 38 49	4141	98	63.07	6.10
0 39 39	4242	99	14.56	2.52
0 39 57	4279	100	144.11	13.15
0 40 19	4324	101	2.45	1.12
0 40 21	4328	102	1.59	1.02
0 40 27	4340	104	1.62	1.04
0 40 39	4365	106	23.22	3.99
0 40 49	4385	107	58.05	5.06
0 41 18	4445	108	1.66	1.14
0 41 23	4456	109	7.52	1.90
0 41 34	4477	110	16.41	2.90
0 41 51	4512	111	12.56	2.42
0 41 54	4518	112	1.54	1.18
0 42 5	4540	113	19.25	2.55
0 42 22	4576	114	41.34	4.39
0 42 43	4618	115	27.58	2.54
0 43 13	4679	117	6.35	2.13
0 43 15	4684	118	2.58	1.16
0 43 44	4742	119	13.05	2.06
0 43 56	4768	120	11.91	1.73
0 44 10	4796	121	0.63	0.56
0 44 20	4816	123	4.48	1.64
0 44 24	4825	124	1.58	0.77
0 45 4	4906	125	26.05	3.35
0 45 20	4938	126	19.88	2.11
0 46 3	5027	127	11.28	2.55
0 46 28	5077	129	10.77	1.93
0 47 17	5178	130	19.19	2.57
0 47 31	5206	131	0.77	0.90
0 47 42	5228	132	2.49	1.27
0 48 10	5285	133	4.66	1.65
0 48 16	5298	134	11.17	1.67
0 48 25	5317	135	3.98	1.26
0 49 4	5396	137	5.13	1.42
0 49 27	5443	138	30.90	3.26
0 50 48	5608	140	1.85	0.79

Figure 10.9

SATURATE MASS FRAGMENTOGRAMS

DEPTH: 2643.0m

SAMPLE NO.: 2H 78

Total Ion Current

M/Z 177

M/Z 191

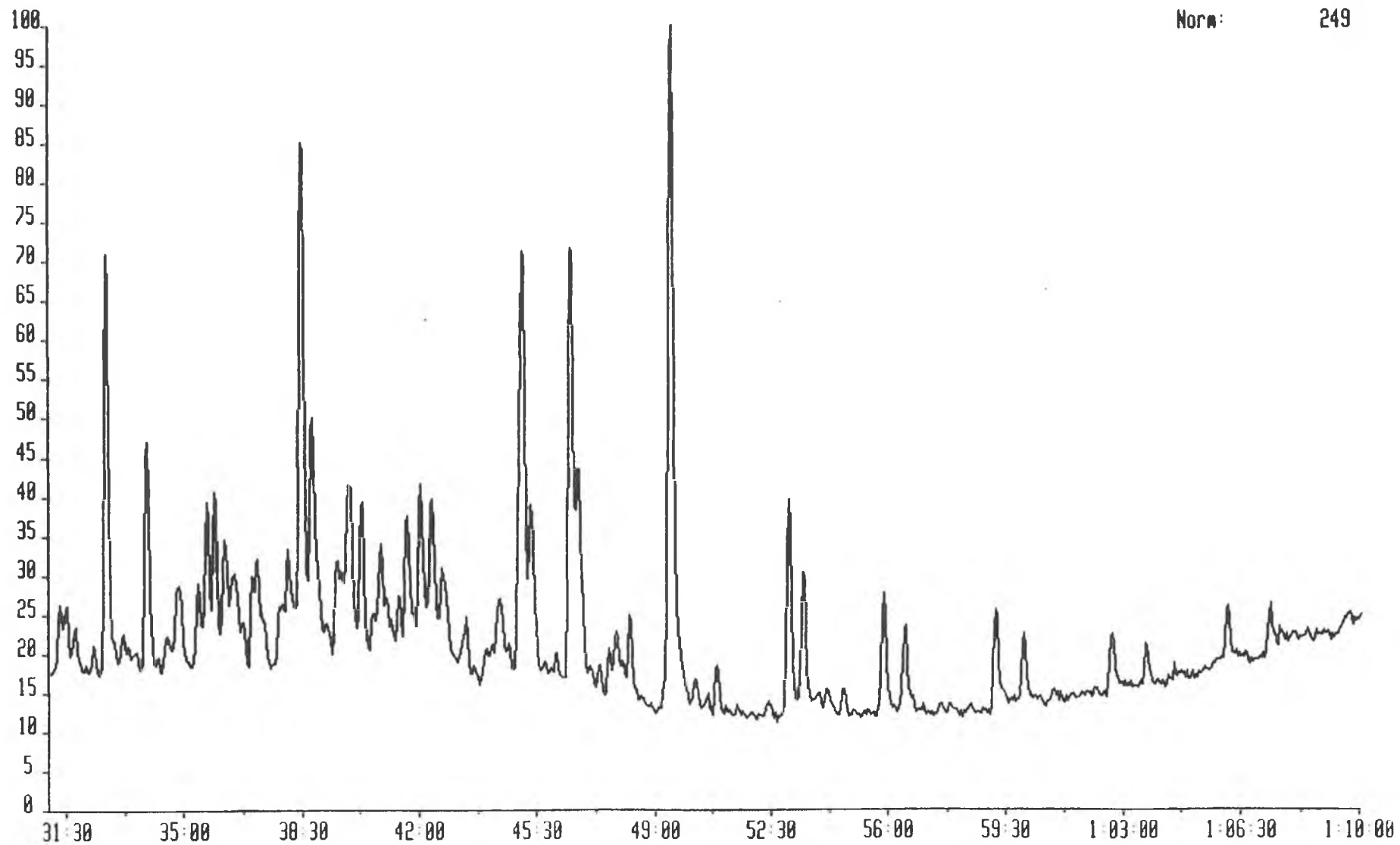
M/Z 217

M/Z 218

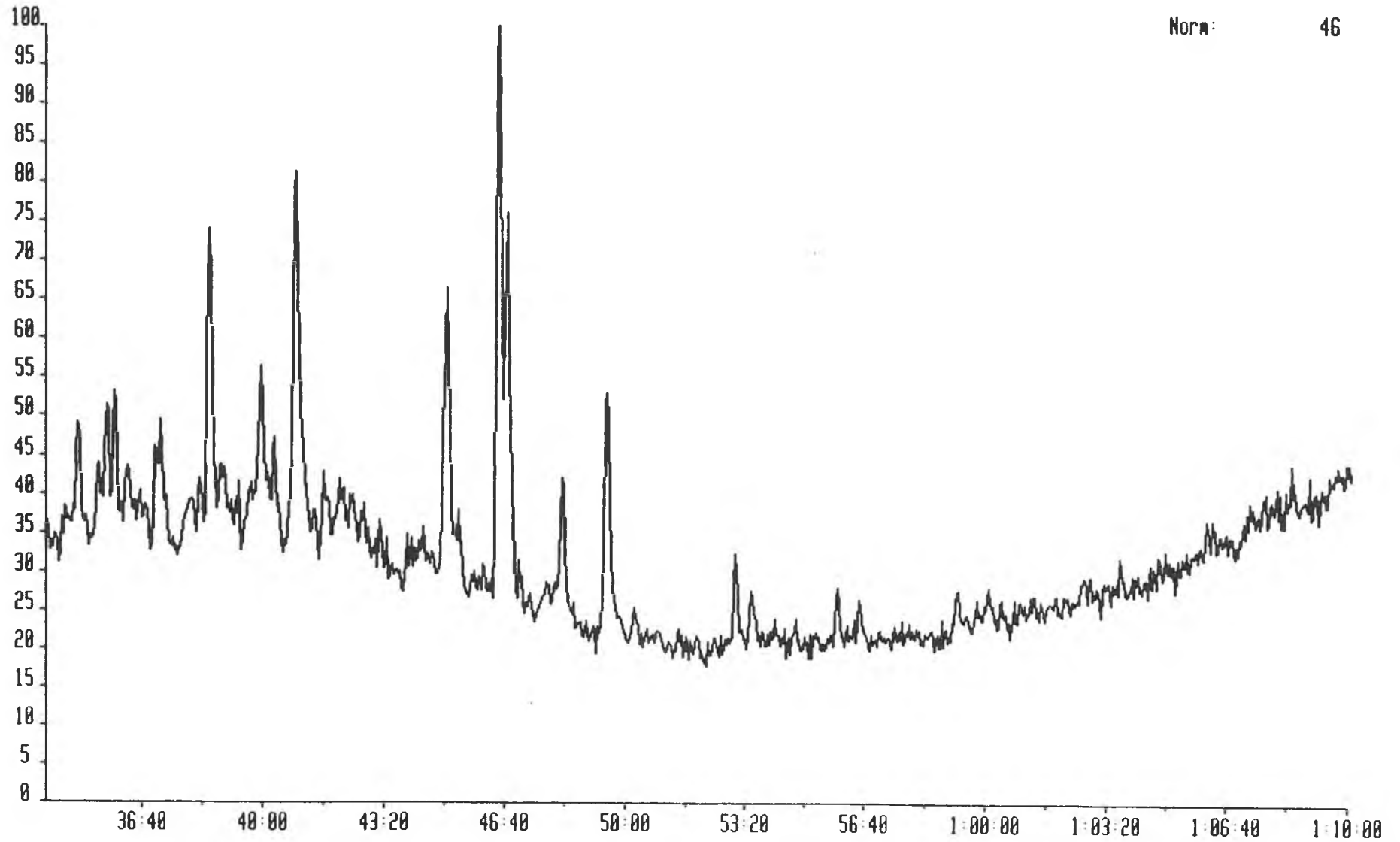
Quantification data

A 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 9 Injection 1 Group 1 TOTAL ION CURRENT
Text: 92H 70 SATS

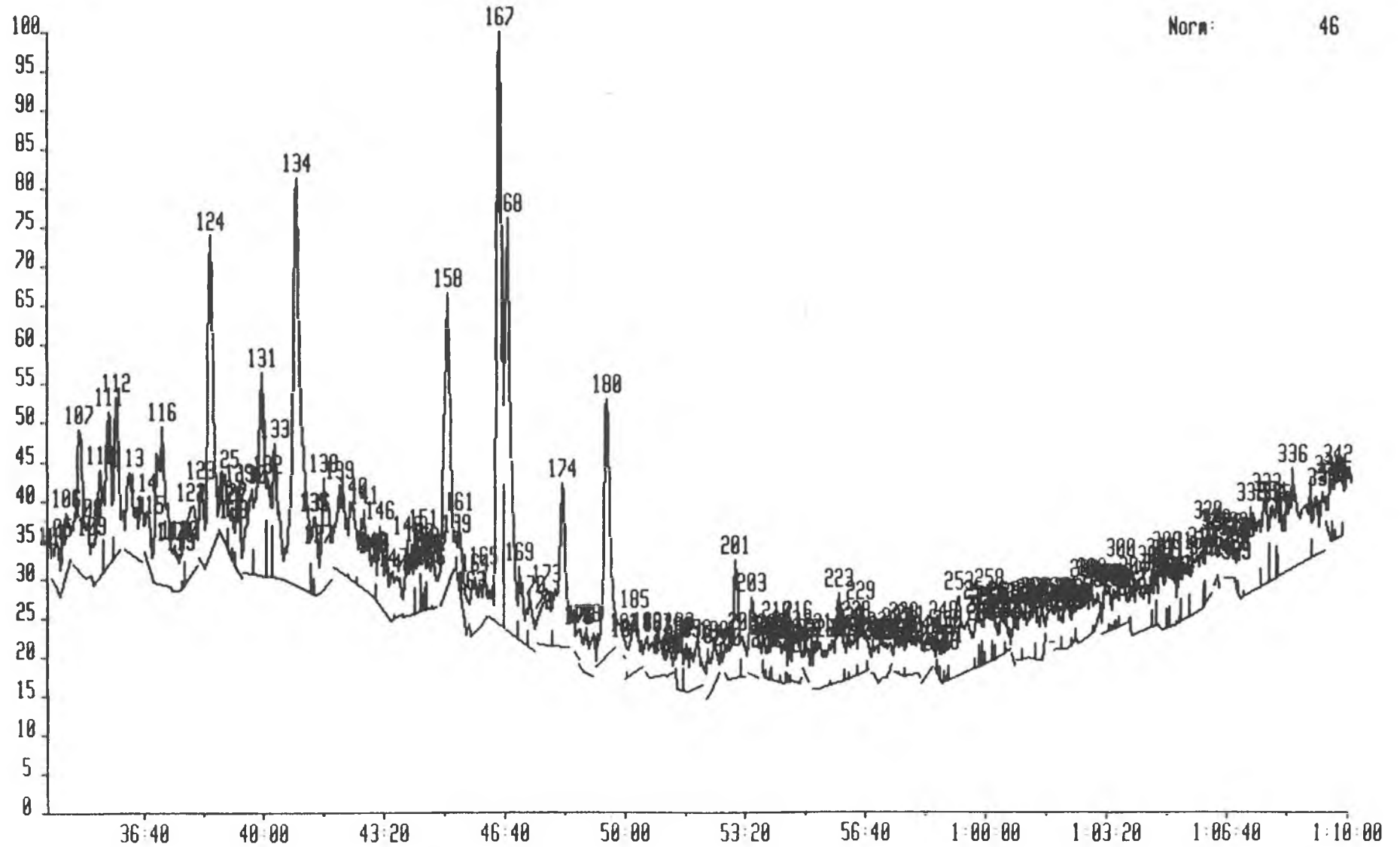
Norm: 249



6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 9 Injection 1 Group 1 Mass 177.1798
Text: 92H 70 SATS

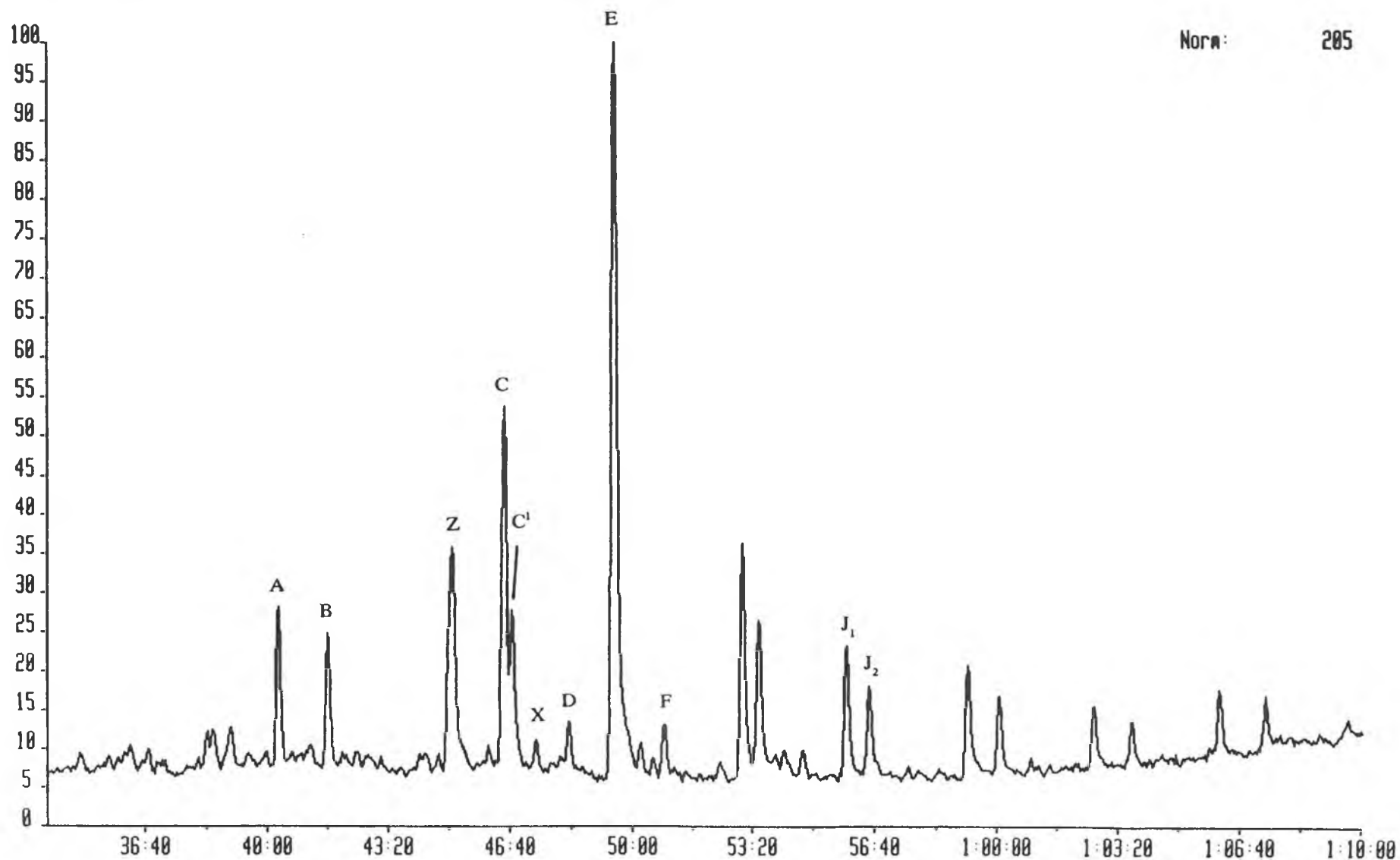


665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 9 Injection 1 Group 1 Mass 177.1798
Text:92H 70 SATS

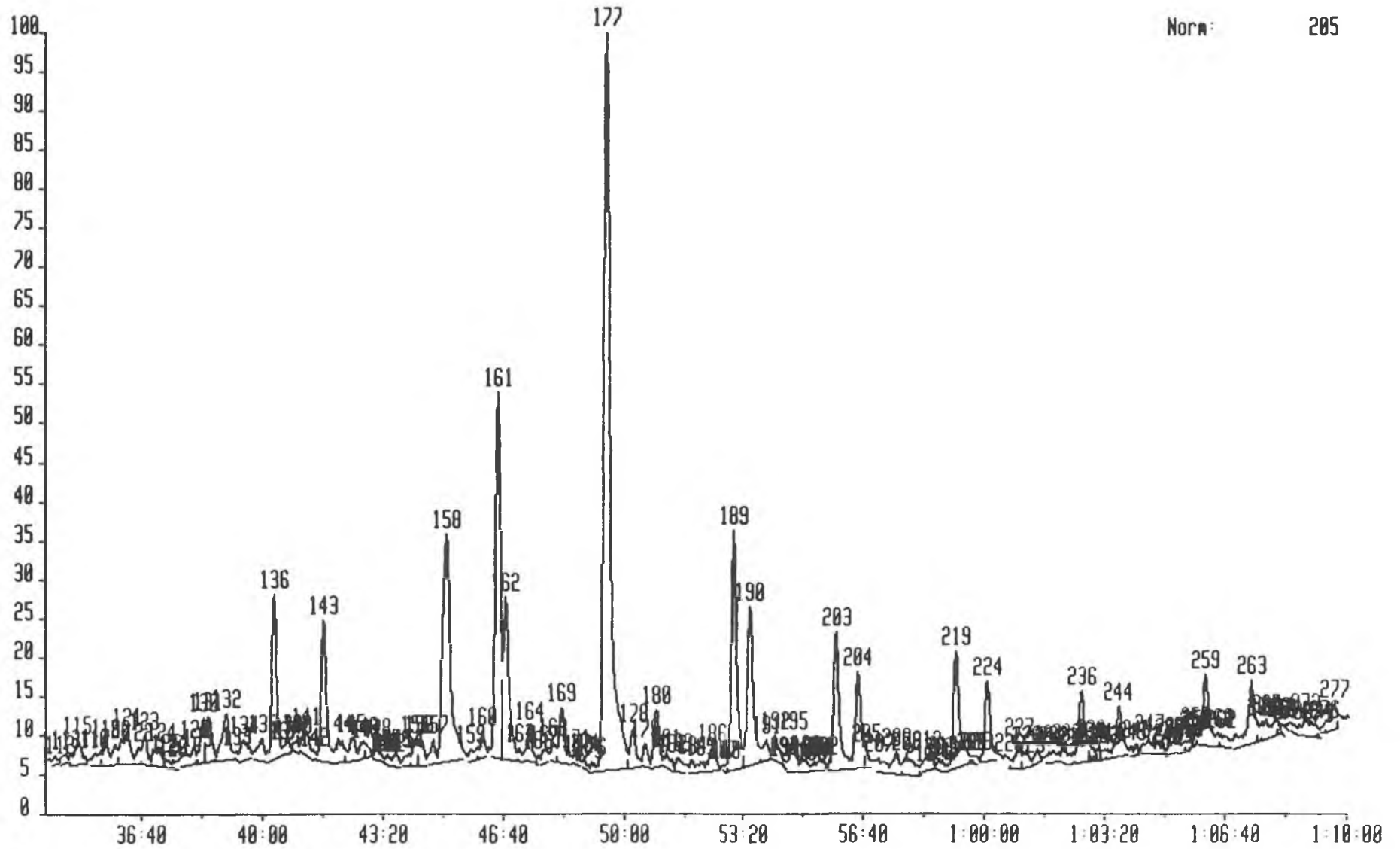


Norm: 46

6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 9 Injection 1 Group 1 Mass 191.1798
Text:92H 78 SATS

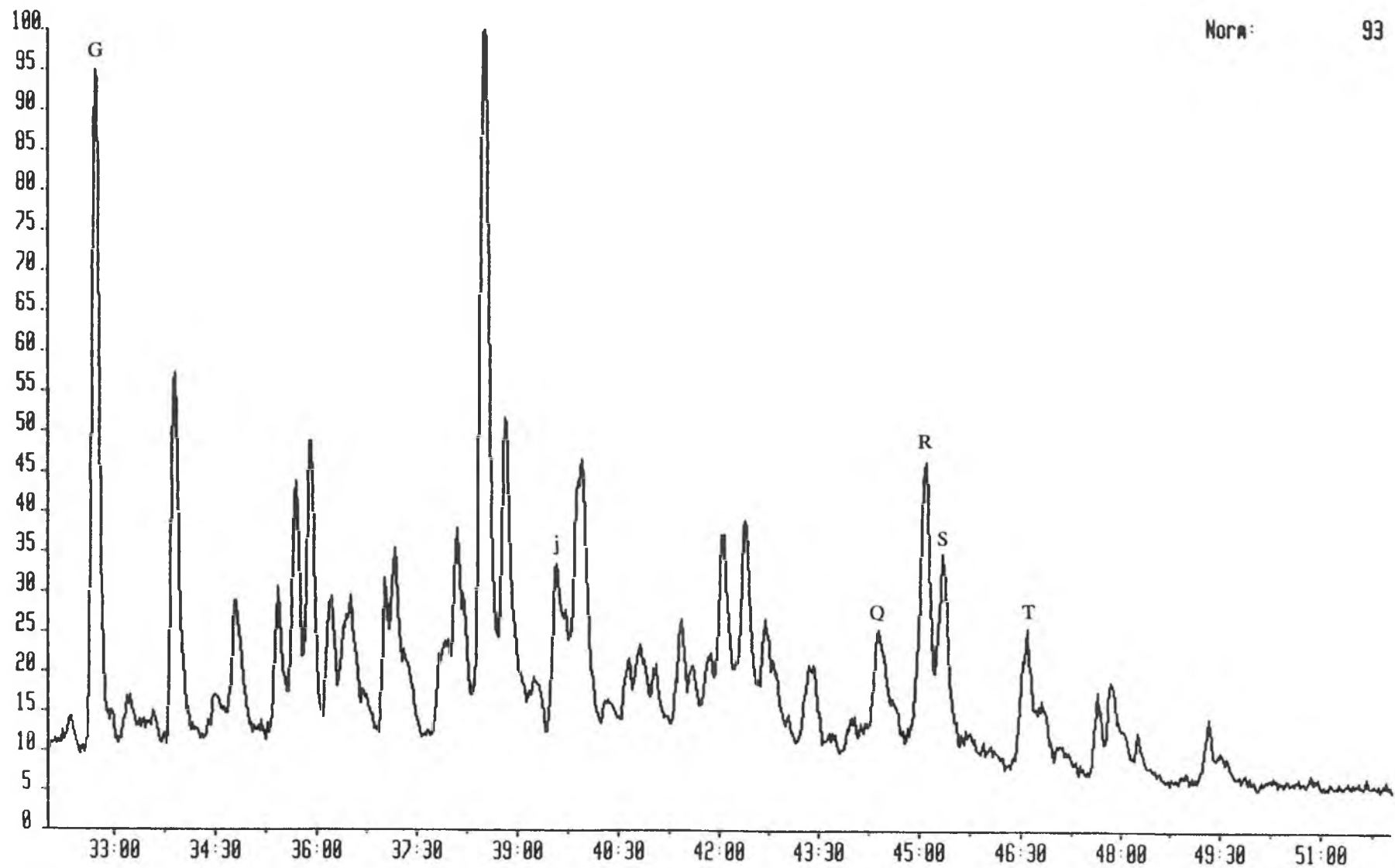


6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 9 Injection 1 Group 1 Mass 191.1798
Text:92H 70 SATS



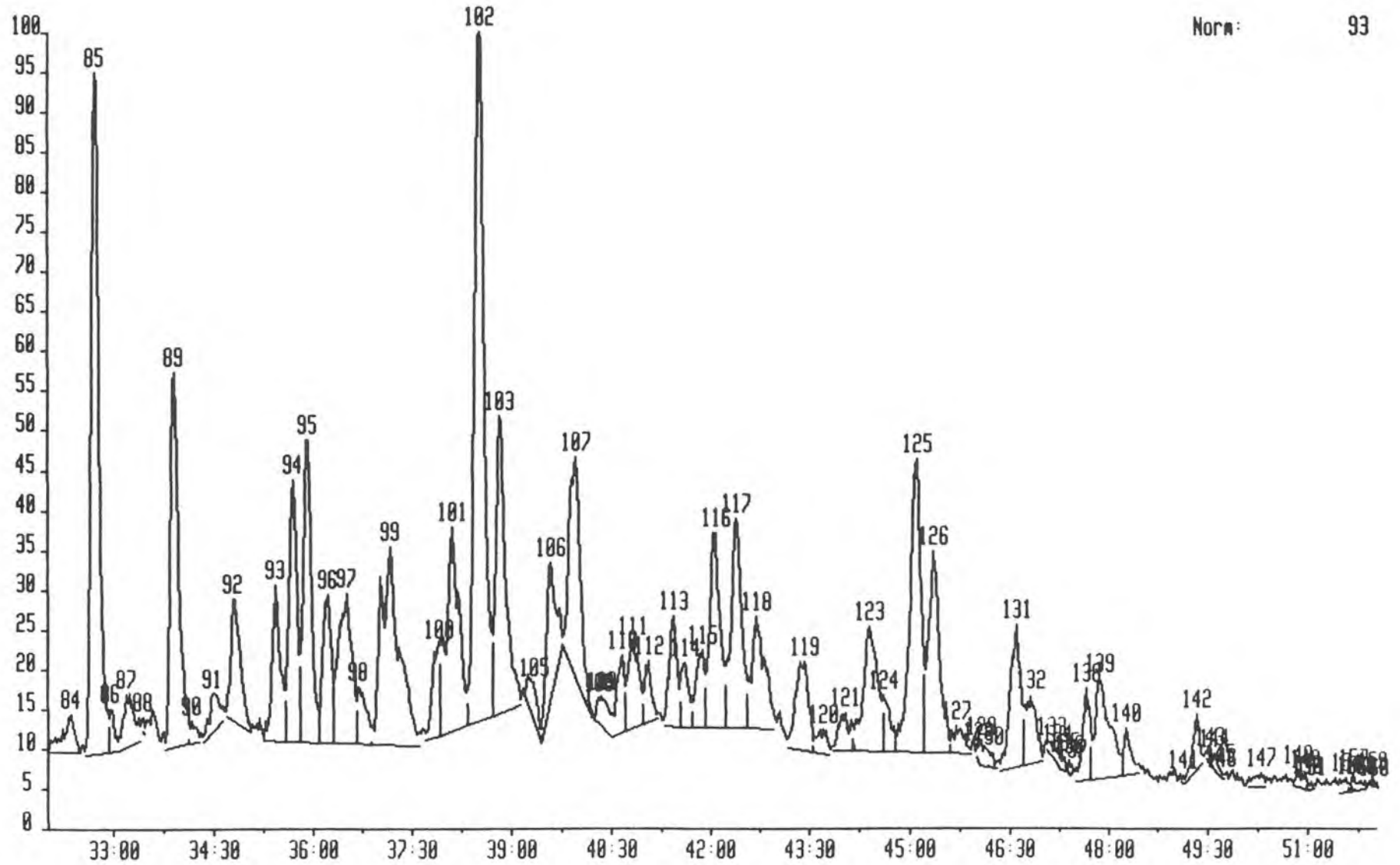
6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 9 Injection 1 Group 1 Mass 217.1956
Text:92H 70 SATS

Norm: 93



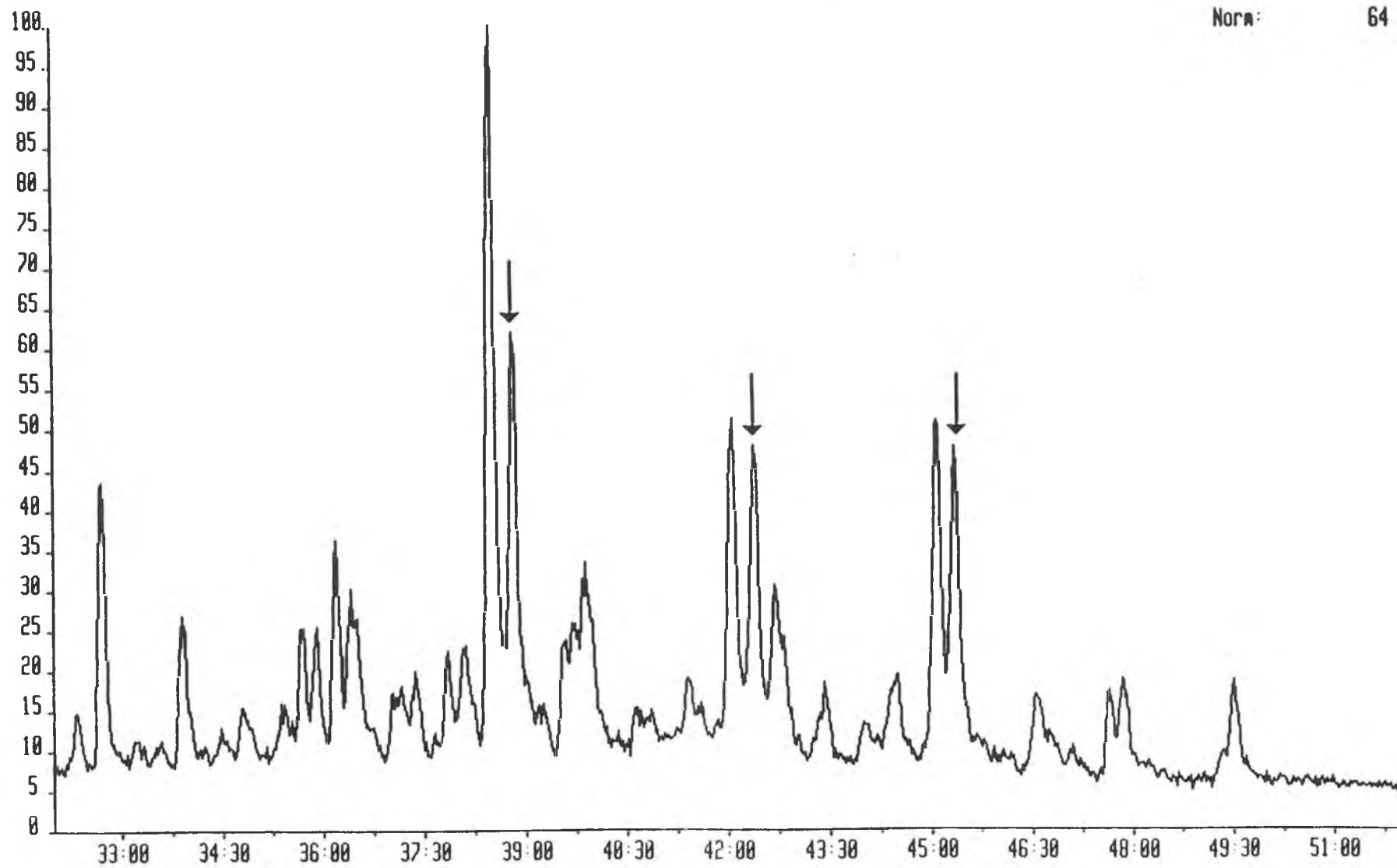
665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 9 Injection 1 Group 1 Mass 217.1956
Text: 92H 70 SATS

Norm: 93

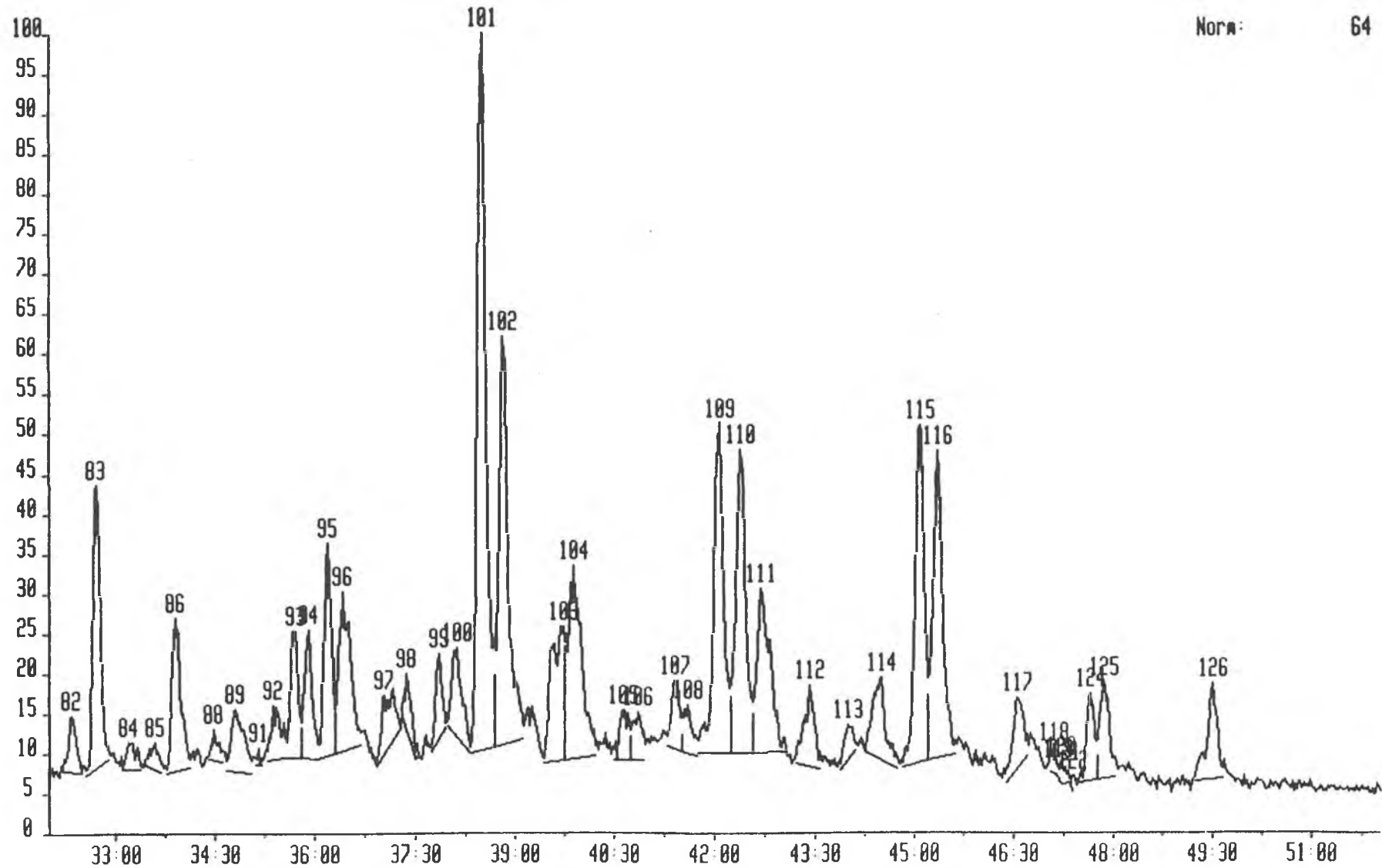


665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 9 Injection 1 Group 1 Mass 210.2034
Text: 92H 70 SATS

Norm: 64



6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 9 Injection 1 Group 1 Mass 210.2034
Text: 92H 78 SATS



Norm: 64

92H78

Mass	Ret. Time	Scan	No.	Peak Area	Peak Height
=====	=====	=====	=====	=====	=====
177.1798		0		0.00	0.00
	0 34 7	3565	104	3.31	1.67
	0 34 14	3579	105	13.13	2.73
	0 34 29	3610	106	30.78	3.63
	0 34 51	3655	107	91.71	8.38
	0 35 4	3681	108	10.56	3.28
	0 35 13	3699	109	3.88	2.17
	0 35 26	3726	110	53.02	6.34
	0 35 40	3756	111	84.14	9.10
	0 35 52	3779	112	65.88	9.39
	0 36 15	3826	113	46.09	4.69
	0 36 35	3868	114	14.40	3.82
	0 36 48	3894	115	21.65	3.00
	0 37 8	3934	116	131.60	9.36
	0 37 23	3966	117	3.71	2.44
	0 37 29	3978	118	16.60	2.76
	0 37 40	3999	119	6.85	2.07
	0 37 45	4010	120	4.19	2.41
	0 37 56	4033	122	51.54	4.04
	0 38 12	4066	123	24.93	4.44
	0 38 29	4100	124	158.35	18.89
	0 38 54	4151	125	30.69	4.06
	0 39 0	4163	126	4.87	2.35
	0 39 5	4173	127	8.64	2.91
	0 39 7	4178	128	7.24	2.12
	0 39 17	4197	129	24.84	5.01
	0 39 39	4243	130	40.74	4.99
	0 39 55	4275	131	132.20	12.06
	0 40 4	4294	132	37.14	5.71
	0 40 17	4321	133	72.56	7.96
	0 40 52	4392	134	320.34	24.10
	0 41 20	4450	135	15.06	4.51
	0 41 23	4455	136	15.29	4.53
	0 41 28	4465	137	6.70	2.67
	0 41 39	4488	138	62.80	6.52
	0 42 5	4541	139	61.64	5.07
	0 42 27	4585	140	43.12	4.68
	0 42 45	4622	141	46.73	4.66
	0 42 59	4651	142	4.61	2.33
	0 43 0	4653	143	3.16	2.22
	0 43 3	4659	144	2.88	2.37
	0 43 12	4678	146	49.78	4.72
	0 43 32	4718	147	8.56	2.85
	0 43 39	4732	148	17.58	2.37
	0 43 57	4769	149	40.18	4.45
	0 44 15	4806	150	22.02	3.82
	0 44 23	4822	151	16.63	4.53
	0 44 25	4827	152	3.60	2.45
	0 44 26	4829	153	4.40	3.46
	0 44 29	4835	154	3.84	2.59
	0 44 30	4837	155	7.28	2.87
	0 44 35	4847	156	2.82	2.18
	0 44 37	4852	157	14.28	2.89
	0 45 3	4904	158	171.89	17.31
	0 45 17	4933	159	1.99	1.40
	0 45 23	4945	161	25.98	4.40
	0 45 41	4981	163	2.78	1.98
	0 45 48	4995	164	28.00	3.28
	0 46 4	5028	165	12.42	3.00
	0 46 30	5081	167	295.17	35.09

0 46 43	5108	168	237.29	24.45
0 47 3	5149	169	30.79	4.29
0 47 21	5186	170	18.99	2.88
0 47 35	5214	172	1.97	1.68
0 47 47	5239	173	33.51	3.30
0 48 15	5296	174	100.93	9.66
0 48 41	5349	176	4.19	1.73
0 48 46	5359	178	7.97	2.32
0 48 54	5375	179	23.79	2.74
0 49 29	5447	180	144.71	15.19
0 49 57	5504	182	1.46	1.18
0 50 0	5510	184	3.59	2.04
0 50 14	5539	185	36.16	3.43
0 50 35	5581	186	8.40	2.29
0 50 50	5613	187	23.62	2.29
0 51 6	5645	188	1.07	0.90
0 51 8	5650	189	1.80	1.10
0 51 10	5654	190	6.41	1.62
0 51 25	5684	192	2.78	2.62
0 51 27	5688	193	17.58	3.14
0 51 38	5711	195	11.61	2.87
0 51 55	5745	196	33.84	2.69
0 52 15	5786	197	15.77	2.83
0 52 24	5804	198	12.71	2.52
0 52 46	5849	200	2.06	1.49
0 53 0	5878	201	66.15	6.94
0 53 13	5904	202	9.90	2.39
0 53 27	5932	203	40.83	4.49
0 53 48	5975	206	4.73	2.13
0 53 50	5980	207	2.22	1.45
0 53 54	5988	208	8.25	2.21
0 53 59	5997	209	4.47	2.42
0 54 7	6014	210	20.16	3.24
0 54 19	6038	211	7.99	2.22
0 54 23	6046	212	2.84	2.03
0 54 24	6050	213	3.42	2.84
0 54 27	6056	214	3.22	1.73
0 54 30	6062	215	1.98	2.27
0 54 42	6086	216	22.75	3.40
0 54 48	6097	217	1.61	2.06
0 54 53	6109	218	0.83	0.73
0 54 58	6118	219	9.55	1.95
0 55 15	6154	221	14.93	2.97
0 55 21	6166	222	22.94	2.61
0 55 51	6227	223	51.68	5.30
0 56 2	6248	224	6.79	2.19
0 56 7	6259	225	2.08	2.19
0 56 9	6263	226	4.24	2.85
0 56 13	6271	227	2.81	2.14
0 56 20	6285	228	11.75	3.05
0 56 28	6303	229	35.05	4.06
0 56 41	6329	230	1.57	1.56
0 56 50	6346	231	3.73	1.96
0 56 56	6360	232	8.15	2.09
0 57 3	6374	233	11.07	2.60
0 57 11	6390	234	7.69	2.06
0 57 15	6397	235	5.27	1.79
0 57 18	6405	236	1.51	1.43
0 57 28	6424	237	9.06	2.49
0 57 39	6446	238	10.47	2.90
0 57 40	6449	239	2.38	1.87
0 57 46	6462	240	10.01	2.13
0 57 51	6471	241	18.58	2.67
0 58 6	6503	242	1.41	1.61
0 58 16	6523	244	22.35	2.24
0 58 34	6560	245	1.17	0.75

0	58	40	6571	246	6.54	2.24
0	58	46	6584	248	7.13	3.38
0	58	47	6586	249	2.31	1.62
0	58	52	6596	250	9.90	2.74
0	58	55	6602	251	2.59	1.86
0	59	13	6638	253	95.43	4.75
0	59	43	6700	254	12.70	3.63
0	59	48	6710	255	4.92	2.71
0	59	50	6714	256	3.40	2.33
0	59	54	6722	257	6.80	3.11
1	0	1	6737	258	29.79	4.11
1	0	10	6755	259	6.96	2.89
1	0	14	6763	260	7.52	2.03
1	0	24	6783	261	12.56	2.94
1	0	29	6794	262	3.80	1.70
1	0	32	6799	263	3.93	1.85
1	0	44	6825	264	7.66	3.29
1	0	54	6844	265	14.75	3.12
1	1	1	6859	266	9.10	2.94
1	1	5	6868	267	9.02	2.30
1	1	10	6878	268	7.96	3.22
1	1	16	6890	269	4.01	3.38
1	1	20	6897	271	9.22	3.41
1	1	28	6915	272	10.56	3.09
1	1	30	6918	273	4.75	2.61
1	1	33	6924	274	2.20	1.77
1	1	42	6943	277	6.66	1.92
1	1	53	6966	279	6.33	2.84
1	1	58	6975	280	10.16	1.84
1	2	6	6992	281	14.05	2.79
1	2	13	7006	282	4.45	2.67
1	2	16	7012	283	4.18	1.94
1	2	19	7019	284	2.62	2.21
1	2	23	7026	285	4.57	2.08
1	2	27	7034	286	3.97	1.82
1	2	29	7038	287	2.08	1.66
1	2	39	7059	288	35.00	3.33
1	2	50	7082	289	10.44	3.06
1	3	1	7105	292	6.68	1.61
1	3	13	7128	293	16.26	2.66
1	3	20	7143	294	4.56	2.51
1	3	28	7159	296	5.64	2.35
1	3	30	7163	297	3.47	2.17
1	3	34	7171	298	4.80	2.31
1	3	40	7183	300	19.72	3.73
1	3	55	7215	302	1.87	1.61
1	3	57	7219	303	2.26	1.72
1	4	1	7227	304	49.30	3.18
1	4	31	7288	305	13.74	3.37
1	4	39	7304	306	6.36	2.81
1	4	45	7316	307	17.50	3.81
1	4	53	7332	308	10.84	2.78
1	4	56	7339	309	12.02	4.25
1	5	2	7351	311	18.31	3.61
1	5	11	7369	312	4.30	2.64
1	5	17	7381	313	10.00	3.47
1	5	18	7384	314	4.78	2.54
1	5	32	7412	315	28.13	3.67
1	5	55	7459	316	50.68	3.43
1	5	58	7465	319	6.94	2.67
1	6	4	7477	320	30.26	4.50
1	6	16	7502	321	3.00	2.90
1	6	20	7510	322	5.92	2.72
1	6	23	7517	323	1.59	1.44
1	6	38	7546	326	11.18	2.36
1	6	46	7564	327	8.02	2.15

191.1798

1	6	50	7572	328	2.85	1.62
1	6	53	7577	329	2.62	1.43
1	6	58	7588	330	7.16	3.21
1	7	4	7599	331	10.16	3.53
1	7	16	7625	332	81.71	5.04
1	7	42	7677	333	44.95	5.08
1	7	52	7697	334	30.23	4.41
1	7	59	7712	335	6.75	4.08
1	8	25	7765	336	139.35	5.96
1	9	12	7862	337	36.28	3.61
1	9	26	7889	338	8.17	3.47
1	9	29	7896	339	6.48	3.15
1	9	31	7899	341	8.60	3.12
1	9	39	7916	342	29.88	4.06
			0		0.00	0.00
0	34	15	3581	111	11.85	2.29
0	34	21	3594	112	1.00	1.08
0	34	31	3614	113	13.62	2.23
0	34	51	3656	115	79.09	6.65
0	35	19	3713	116	8.14	2.90
0	35	21	3716	117	21.52	3.28
0	35	38	3752	119	46.82	5.90
0	35	56	3787	120	42.43	5.20
0	36	15	3826	121	111.54	8.31
0	36	33	3863	122	24.91	4.21
0	36	43	3884	123	52.04	7.64
0	37	10	3939	124	61.59	5.11
0	37	18	3955	125	13.12	2.45
0	37	29	3978	126	4.11	1.57
0	37	30	3980	127	15.72	2.22
0	38	7	4055	128	46.20	5.39
0	38	10	4061	129	4.82	2.90
0	38	20	4081	130	83.51	11.87
0	38	29	4099	131	106.55	11.97
0	38	58	4159	132	140.08	12.27
0	39	15	4194	133	7.22	2.19
0	39	26	4217	134	57.56	5.51
0	39	58	4282	135	62.45	6.10
0	40	17	4321	136	331.05	43.47
0	40	33	4354	137	13.38	2.48
0	40	38	4364	138	10.21	3.80
0	40	43	4374	139	2.63	2.26
0	40	55	4397	140	11.32	3.34
0	41	9	4427	141	68.22	6.30
0	41	25	4459	142	6.93	2.09
0	41	39	4487	143	309.36	37.26
0	42	3	4536	144	68.17	6.41
0	42	25	4581	145	66.20	6.25
0	42	44	4620	146	37.72	4.86
0	42	50	4632	147	19.44	3.74
0	43	7	4668	148	26.12	4.81
0	43	19	4692	149	2.44	1.26
0	43	23	4699	150	3.15	1.52
0	43	26	4707	151	9.58	2.69
0	43	30	4715	152	3.14	2.25
0	43	39	4733	153	23.76	3.29
0	44	1	4778	154	18.11	3.39
0	44	10	4796	155	54.27	6.82
0	44	18	4813	156	61.52	6.88
0	44	42	4862	157	42.89	6.18
0	45	3	4904	158	795.95	59.80
0	45	44	4988	159	19.87	3.25
0	46	4	5028	160	49.62	7.00
0	46	29	5080	161	776.33	96.21
0	46	41	5105	162	405.90	42.82
0	47	4	5151	163	16.23	3.61

0	47	21	5186	164	63.91	9.22
0	47	35	5215	166	1.46	2.32
0	47	45	5235	167	26.65	3.64
0	48	1	5267	168	28.13	5.03
0	48	15	5295	169	125.48	14.40
0	48	39	5344	171	9.60	2.90
0	48	43	5353	172	2.04	1.65
0	48	51	5370	174	11.01	3.06
0	48	59	5385	175	2.96	1.73
0	49	5	5398	176	11.98	2.71
0	49	29	5446	177	2048.21	194.59
0	50	14	5538	178	103.75	10.39
0	50	32	5576	179	44.42	6.22
0	50	52	5617	180	127.69	15.07
0	51	8	5649	181	21.08	3.64
0	51	17	5668	182	5.69	3.04
0	51	28	5689	183	30.92	3.92
0	51	52	5739	184	21.56	3.21
0	52	6	5767	185	12.03	2.58
0	52	23	5803	186	54.96	5.96
0	52	44	5845	187	4.12	1.62
0	52	47	5852	188	5.42	2.04
0	53	1	5879	189	548.40	63.36
0	53	27	5933	190	402.27	41.99
0	53	56	5992	191	47.08	5.46
0	54	9	6019	192	55.02	6.57
0	54	23	6047	193	1.74	1.26
0	54	27	6055	194	6.32	1.90
0	54	40	6082	195	92.14	9.53
0	55	2	6126	196	23.91	3.20
0	55	5	6133	197	5.83	2.03
0	55	12	6146	198	1.50	1.42
0	55	16	6156	199	4.31	2.27
0	55	24	6171	201	15.31	2.72
0	55	31	6185	202	1.91	2.47
0	55	52	6228	203	341.73	36.48
0	56	28	6303	204	238.46	25.70
0	56	42	6331	205	26.59	5.18
0	57	2	6372	207	35.07	3.50
0	57	32	6432	208	55.43	5.44
0	57	49	6468	209	73.19	4.75
0	58	10	6511	211	2.69	2.25
0	58	23	6536	212	34.01	3.86
0	58	41	6573	213	2.34	1.89
0	58	48	6587	215	7.70	3.03
0	58	50	6591	216	2.73	2.14
0	58	54	6601	217	2.63	1.55
0	59	9	6631	219	317.01	31.08
0	59	36	6685	220	3.06	1.90
0	59	41	6695	221	2.44	1.63
0	59	44	6703	223	4.34	2.08
1	0	1	6737	224	172.92	20.93
1	0	39	6814	226	4.13	2.93
1	0	55	6847	227	59.18	6.87
1	1	5	6868	228	31.48	4.46
1	1	14	6885	229	7.89	2.07
1	1	26	6910	230	23.08	3.53
1	1	45	6948	231	6.81	2.75
1	1	52	6963	232	27.41	3.02
1	2	13	7007	233	19.05	4.00
1	2	20	7020	234	7.91	2.77
1	2	24	7029	235	9.58	3.06
1	2	39	7060	236	190.39	18.82
1	2	52	7086	237	5.27	4.04
1	2	54	7090	238	16.41	4.78
1	2	59	7101	239	9.04	2.92

1	3	7	7117	241	14.46	3.68
1	3	17	7136	242	16.44	2.69
1	3	21	7145	243	4.13	2.22
1	3	40	7183	244	128.04	13.47
1	4	2	7229	245	6.24	2.69
1	4	11	7247	246	14.09	3.06
1	4	31	7288	247	64.59	4.35
1	4	59	7345	248	0.96	0.78
1	5	2	7351	249	3.42	2.14
1	5	5	7357	250	24.63	3.38
1	5	18	7384	251	5.86	2.25
1	5	21	7390	252	17.58	3.15
1	5	35	7418	253	6.59	2.62
1	5	37	7423	254	4.05	2.12
1	5	46	7441	256	10.04	2.76
1	5	48	7444	257	3.66	3.38
1	5	50	7448	258	2.33	2.37
1	6	5	7480	259	168.97	18.60
1	6	25	7521	260	14.87	3.59
1	6	30	7530	262	30.99	3.46
1	7	21	7635	263	176.83	17.04
1	7	37	7667	264	24.90	5.16
1	7	44	7681	265	40.33	5.59
1	7	58	7710	266	30.03	4.00
1	8	5	7724	267	12.03	3.48
1	8	12	7738	268	7.25	2.63
1	8	21	7758	270	2.20	1.14
1	8	31	7778	271	10.00	2.27
1	8	48	7812	272	63.00	4.72
1	9	9	7855	274	5.49	3.08
1	9	11	7859	275	6.03	2.49
1	9	19	7876	276	4.96	2.24
1	9	37	7913	277	65.02	6.71
			0		0.00	0.00
0	32	21	3348	84	45.56	4.45
0	32	42	3392	85	586.11	79.78
0	32	56	3420	86	19.90	5.02
0	33	11	3451	87	56.78	6.14
0	33	26	3481	88	1.43	1.69
0	33	53	3537	89	363.47	44.00
0	34	8	3568	90	13.38	2.62
0	34	27	3606	91	36.89	4.61
0	34	47	3646	92	126.28	14.35
0	35	25	3724	93	147.18	18.40
0	35	40	3755	94	231.99	30.70
0	35	53	3782	95	295.62	35.47
0	36	12	3821	96	141.51	17.48
0	36	30	3857	97	234.93	17.57
0	36	40	3877	98	57.58	6.70
0	37	9	3937	99	401.89	23.32
0	37	53	4026	100	72.51	10.73
0	38	4	4050	101	310.79	23.97
0	38	29	4099	102	756.23	80.84
0	38	47	4137	103	339.01	34.84
0	39	18	4201	105	36.87	4.55
0	39	33	4231	106	135.33	16.49
0	39	56	4277	107	262.98	25.63
0	40	17	4320	108	5.52	2.93
0	40	19	4325	109	25.27	3.49
0	40	38	4363	110	62.43	9.16
0	40	47	4382	111	105.26	10.33
0	41	2	4412	112	45.99	7.23
0	41	25	4459	113	96.42	13.07
0	41	35	4480	114	55.11	7.56
0	41	51	4513	115	71.56	9.08
0	42	3	4536	116	236.14	22.99

217.1956

0 42 22	4576	117	266.86	24.65
0 42 40	4613	118	163.33	13.26
0 43 24	4702	119	128.47	10.53
0 43 41	4736	120	24.82	2.91
0 44 1	4778	121	40.73	4.48
0 44 23	4822	123	200.37	14.78
0 44 36	4849	124	42.10	6.69
0 45 4	4906	125	358.73	34.49
0 45 19	4936	126	254.23	23.83
0 45 40	4980	127	28.69	3.31
0 46 0	5020	128	2.45	1.60
0 46 3	5026	129	15.11	3.01
0 46 10	5041	130	8.05	1.85
0 46 34	5090	131	167.71	16.73
0 46 47	5117	132	81.68	8.01
0 47 6	5155	133	8.84	1.77
0 47 12	5167	134	2.64	1.78
0 47 18	5180	135	5.09	1.54
0 47 23	5189	136	1.99	1.72
0 47 26	5195	137	1.69	0.98
0 47 38	5221	138	73.12	10.86
0 47 50	5245	139	167.89	11.77
0 48 14	5294	140	31.85	5.51
0 49 6	5400	141	1.18	0.86
0 49 18	5424	142	38.33	6.58
0 49 30	5449	143	4.12	1.42
0 49 33	5456	144	4.25	1.74
0 49 39	5468	145	1.04	0.87
0 49 40	5470	146	0.73	0.54
0 50 16	5542	147	11.86	1.63
0 50 49	5611	148	4.29	2.00
0 50 56	5624	149	4.56	1.68
0 50 57	5627	150	2.09	1.11
0 51 1	5635	151	1.64	0.88
0 51 32	5697	154	6.49	1.67
0 51 36	5706	156	2.00	1.26
0 51 38	5711	157	2.77	2.06
0 51 44	5723	158	4.89	1.06
0 51 55	5745	159	0.62	1.00
0 51 57	5749	160	0.62	0.47
	0		0.00	0.00
0 32 19	3345	82	28.88	4.50
0 32 42	3392	83	155.82	22.71
0 33 10	3449	84	16.57	2.22
0 33 35	3500	85	14.28	2.25
0 33 53	3536	86	102.14	12.24
0 34 28	3608	88	11.74	2.45
0 34 48	3648	89	56.55	5.05
0 35 9	3692	91	2.21	1.41
0 35 22	3719	92	32.55	4.34
0 35 42	3759	93	74.08	10.24
0 35 54	3784	94	76.01	10.39
0 36 11	3819	95	120.11	17.11
0 36 24	3844	96	136.74	12.87
0 37 1	3920	97	47.88	4.78
0 37 21	3962	98	25.02	4.53
0 37 50	4020	99	39.89	6.94
0 38 6	4053	100	64.41	7.09
0 38 28	4098	101	483.53	57.61
0 38 48	4138	102	298.69	32.78
0 39 42	4250	103	131.56	10.71
0 39 52	4270	104	208.92	15.56
0 40 36	4360	105	34.03	3.96
0 40 51	4389	106	30.31	3.81
0 41 24	4457	107	42.54	5.49
0 41 36	4481	108	25.30	3.87

218.2034

0 42 3	4536	109	252.92	26.58
0 42 21	4574	110	234.16	24.40
0 42 40	4612	111	159.36	13.25
0 43 24	4702	112	59.45	6.54
0 43 59	4773	113	17.70	2.77
0 44 28	4833	114	79.42	6.65
0 45 3	4905	115	234.42	27.17
0 45 19	4937	116	240.33	24.78
0 46 32	5086	117	53.31	5.65
0 47 4	5152	118	6.61	1.99
0 47 8	5160	119	1.20	0.98
0 47 11	5166	120	3.06	1.64
0 47 16	5175	121	3.58	1.33
0 47 22	5188	122	0.81	1.07
0 47 38	5221	124	51.92	7.11
0 47 51	5246	125	65.81	7.78
0 49 28	5444	126	73.25	7.68
	0		0.00	0.00
0 32 42	3392	77	233.57	30.73
0 33 5	3439	78	0.99	1.27
0 33 14	3458	79	24.51	2.38
0 33 53	3536	80	150.15	20.86
0 34 28	3609	81	19.43	3.12
0 34 54	3661	82	35.96	3.54
0 35 6	3686	83	6.97	2.09
0 35 24	3722	84	14.96	3.22
0 35 38	3752	85	84.44	11.00
0 35 53	3782	86	81.06	12.14
0 36 12	3821	87	20.13	2.00
0 36 46	3890	88	9.23	1.59
0 37 0	3919	89	144.13	9.33
0 37 56	4032	90	22.82	3.16
0 38 4	4049	91	16.37	2.49
0 38 13	4067	92	2.45	1.42
0 38 29	4100	93	178.49	21.33
0 38 48	4139	94	17.61	2.63
0 39 34	4233	95	6.90	1.46
0 39 55	4275	96	100.45	9.99
0 40 38	4363	97	16.51	2.87
0 40 51	4390	98	37.89	3.85
0 41 21	4451	99	6.95	1.31
0 41 36	4482	100	11.49	1.90
0 41 49	4508	101	13.48	2.54
0 42 0	4530	102	14.42	2.12
0 42 24	4580	103	26.63	3.08
0 42 44	4620	104	12.92	1.62
0 43 2	4658	105	0.65	0.73
0 43 14	4682	106	5.59	1.17
0 43 19	4692	107	1.51	0.98
0 43 43	4741	109	8.14	1.53
0 44 1	4777	110	6.70	1.28
0 45 2	4903	111	21.16	3.02
0 46 4	5029	112	15.47	1.61
0 46 15	5051	113	3.90	0.96
0 46 29	5079	114	9.31	1.54
0 46 43	5108	115	6.37	1.16
0 47 22	5188	116	4.31	1.10
0 48 6	5278	118	0.67	0.72
0 48 10	5285	119	12.46	1.24
0 49 26	5441	120	12.83	2.16

259.2426

Figure 10.10

SATURATE MASS FRAGMENTOGRAMS

DEPTH: 2904.1m

SAMPLE NO.: 2H 80

Total Ion Current

M/Z 177

M/Z 191

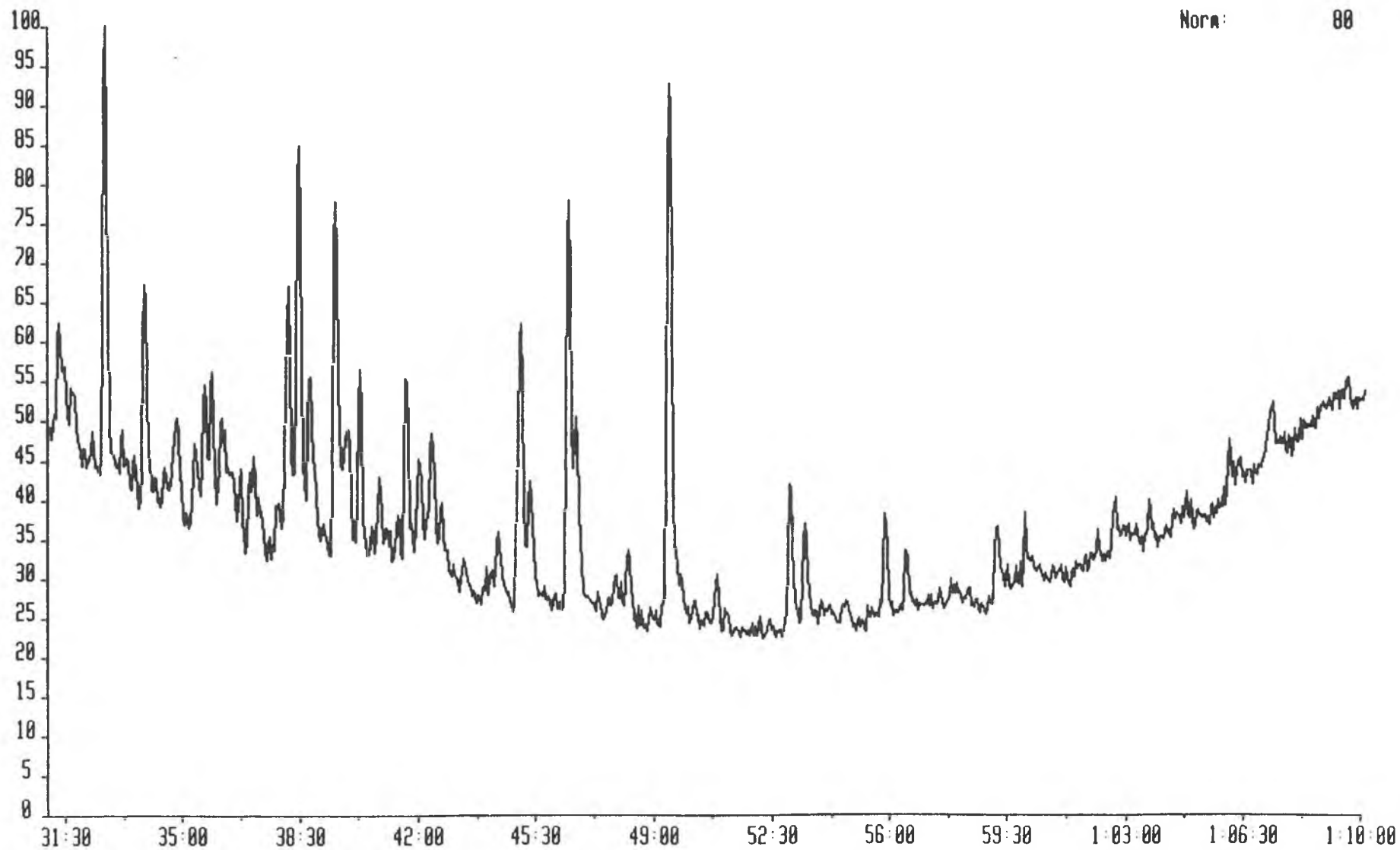
M/Z 217

M/Z 218

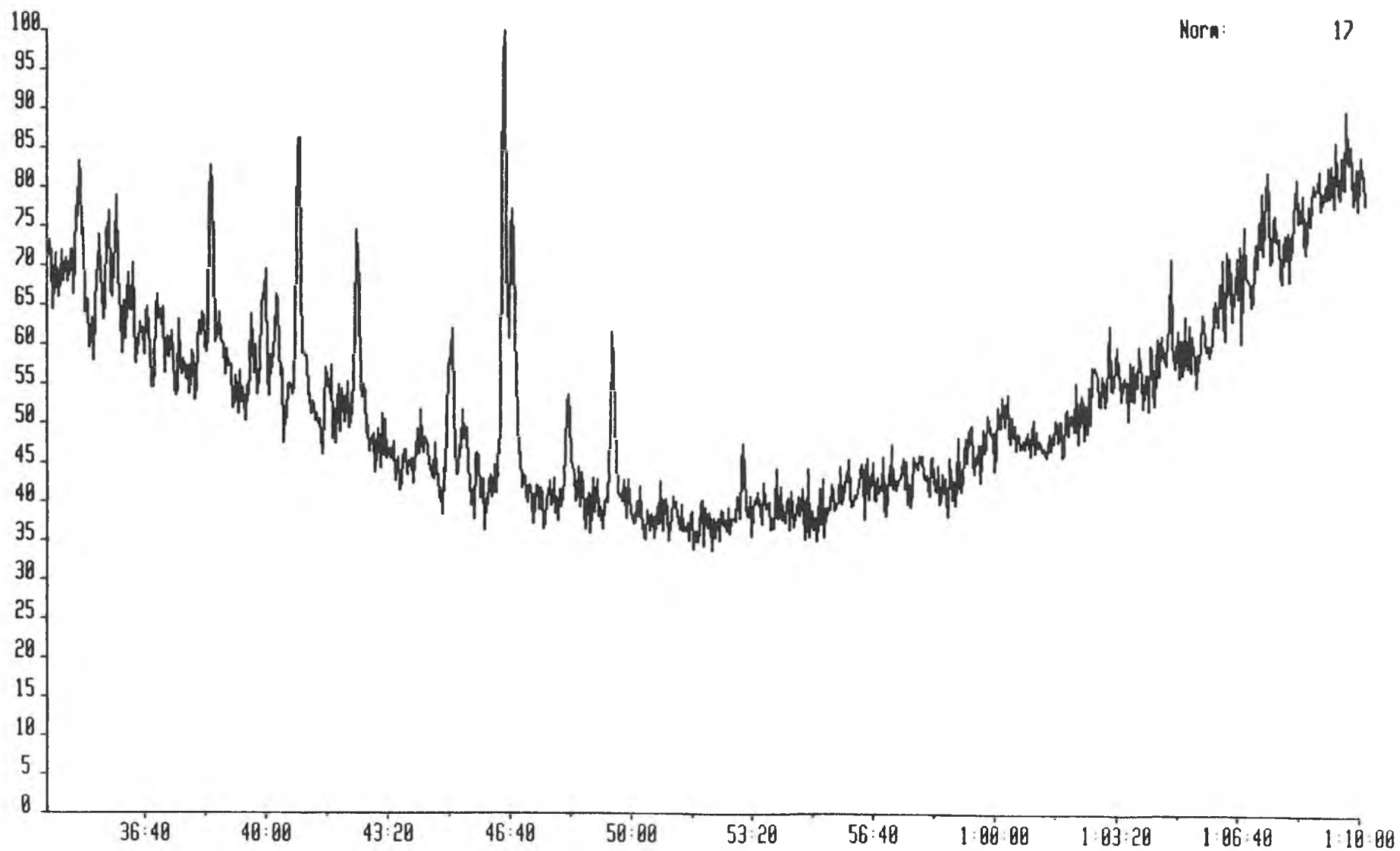
Quantification data

A 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 10 Injection 1 Group 1 TOTAL ION CURRENT
Text:92H 00 SATS

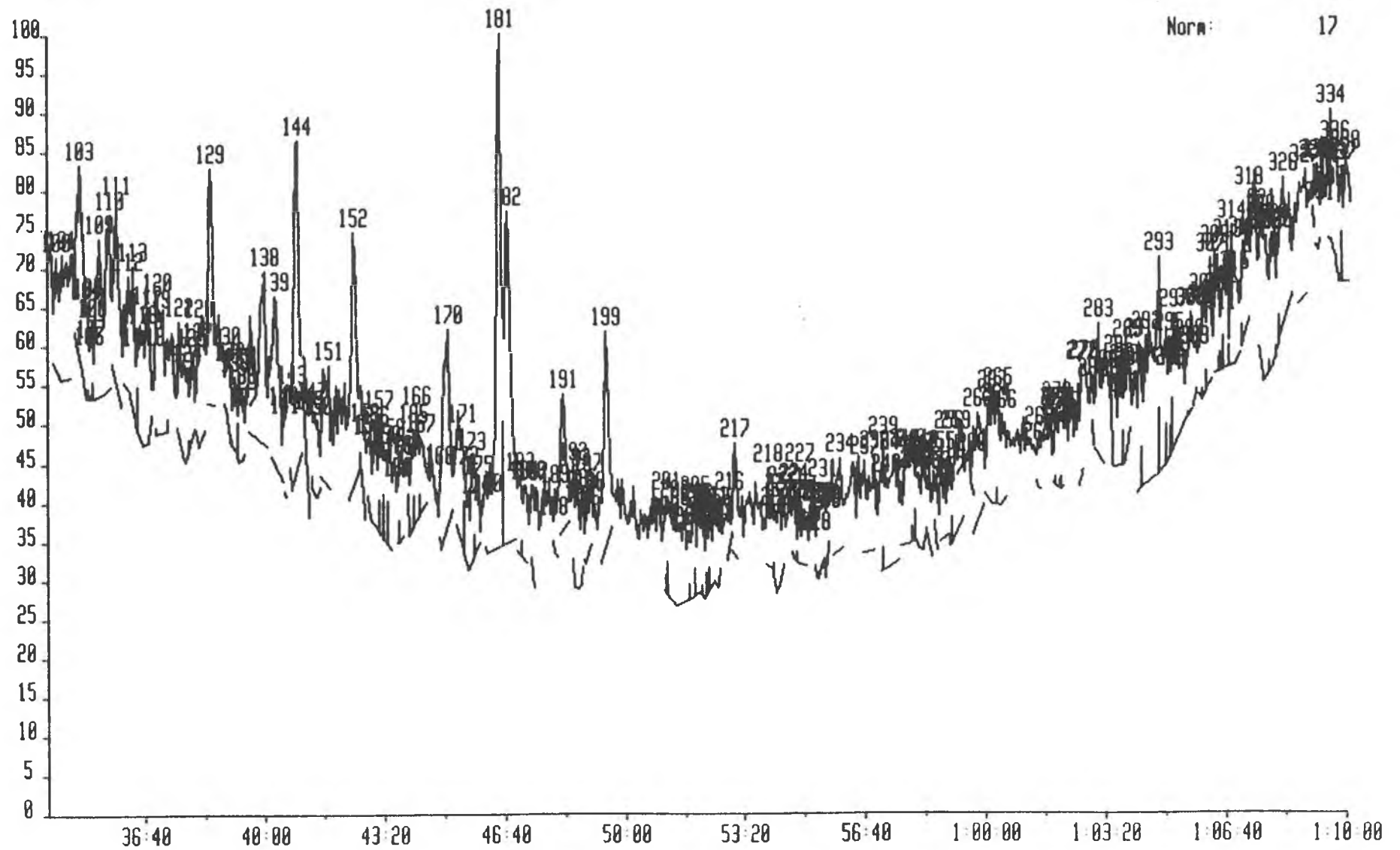
Norm: 00



665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 10 Injection 1 Group 1 Mass 177.1798
Text:92H 88 SATS

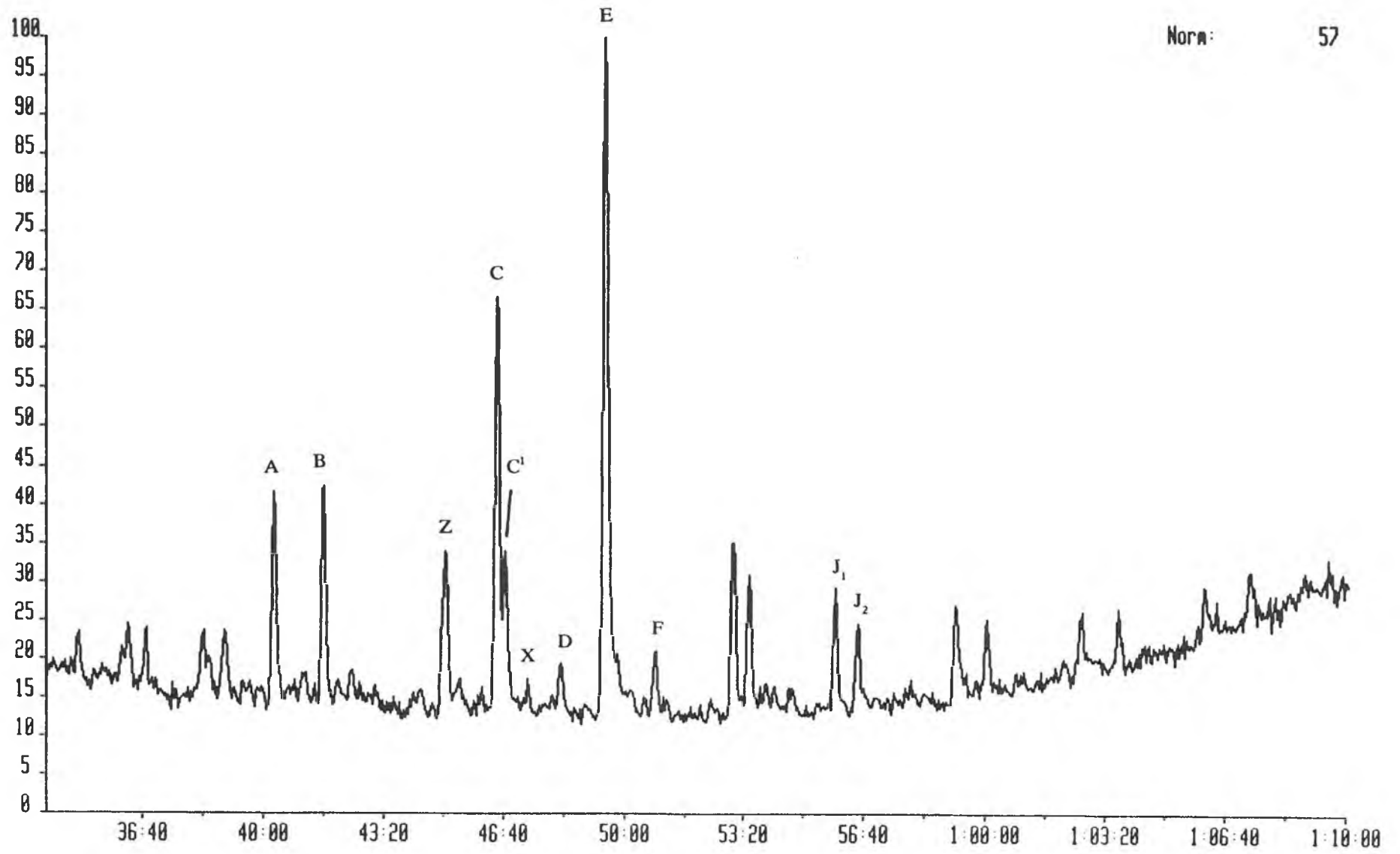


6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 10 Injection 1 Group 1 Mass 177.1798
Text:92H 00 SATS



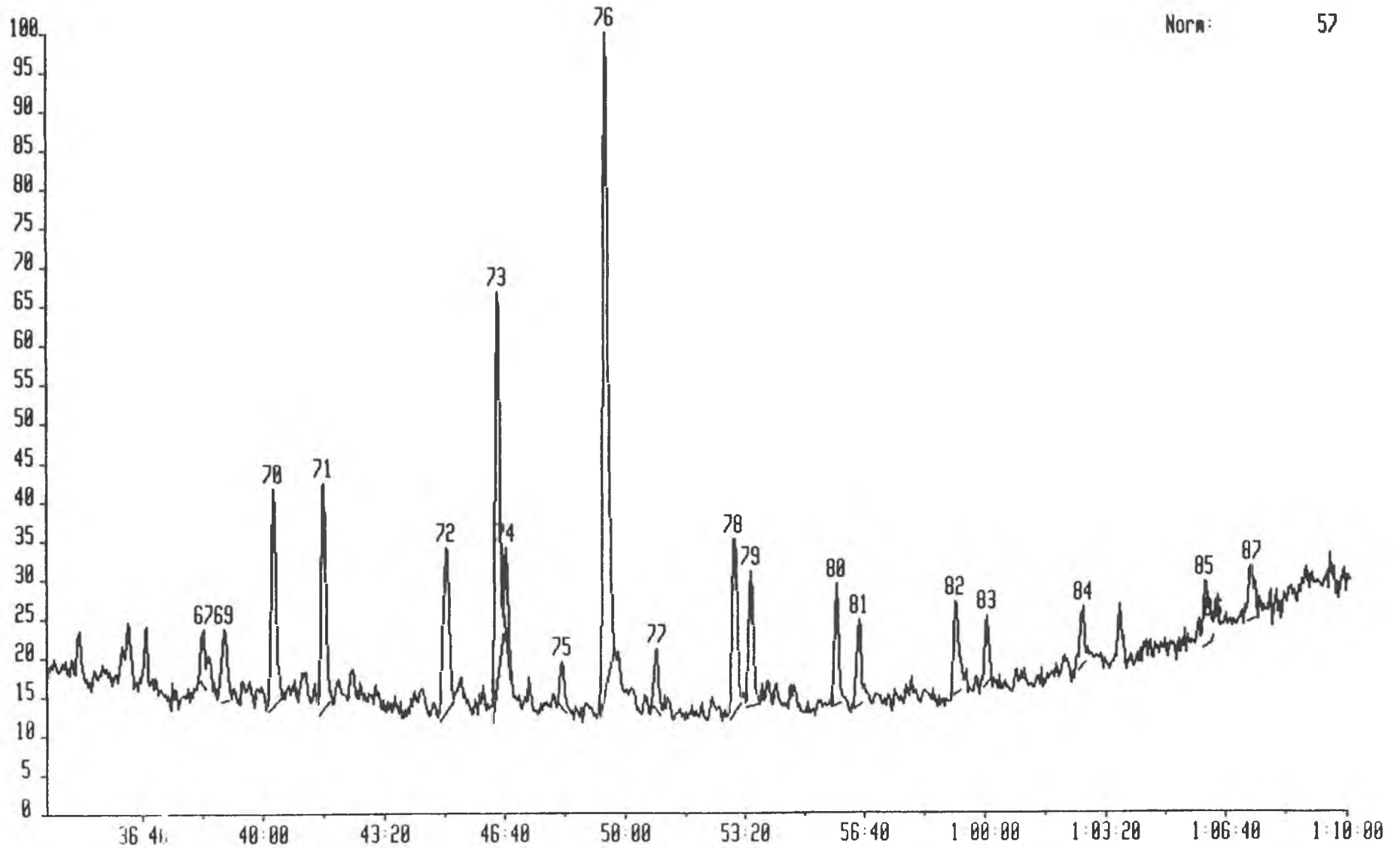
665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 10 Injection 1 Group 1 Mass 191.1798
Text: 92H 00 SATS

Norm: 57



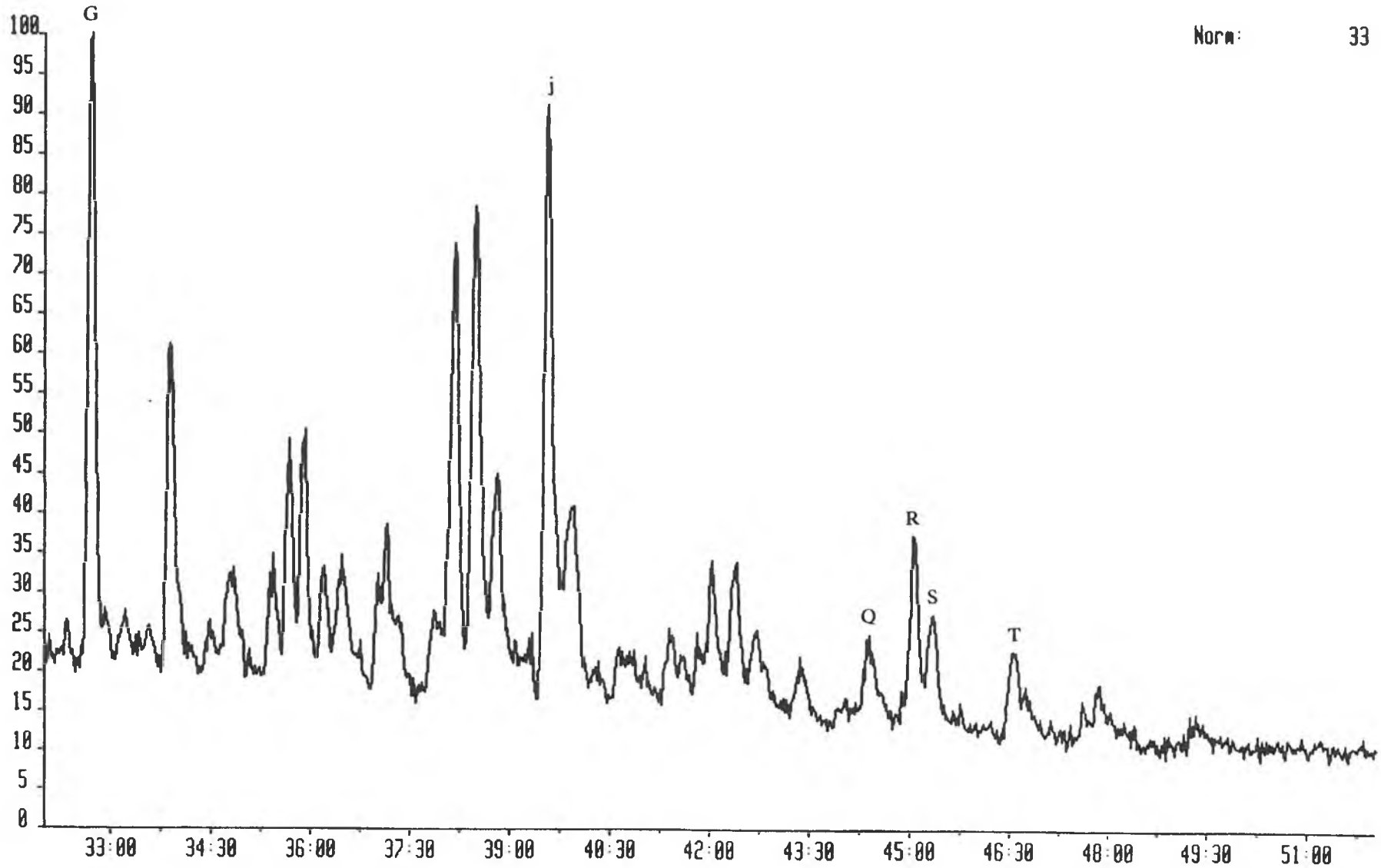
6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 10 Injection 1 Group 1 Mass 191.1798
Text:92H 00 SATS

Norm: 57



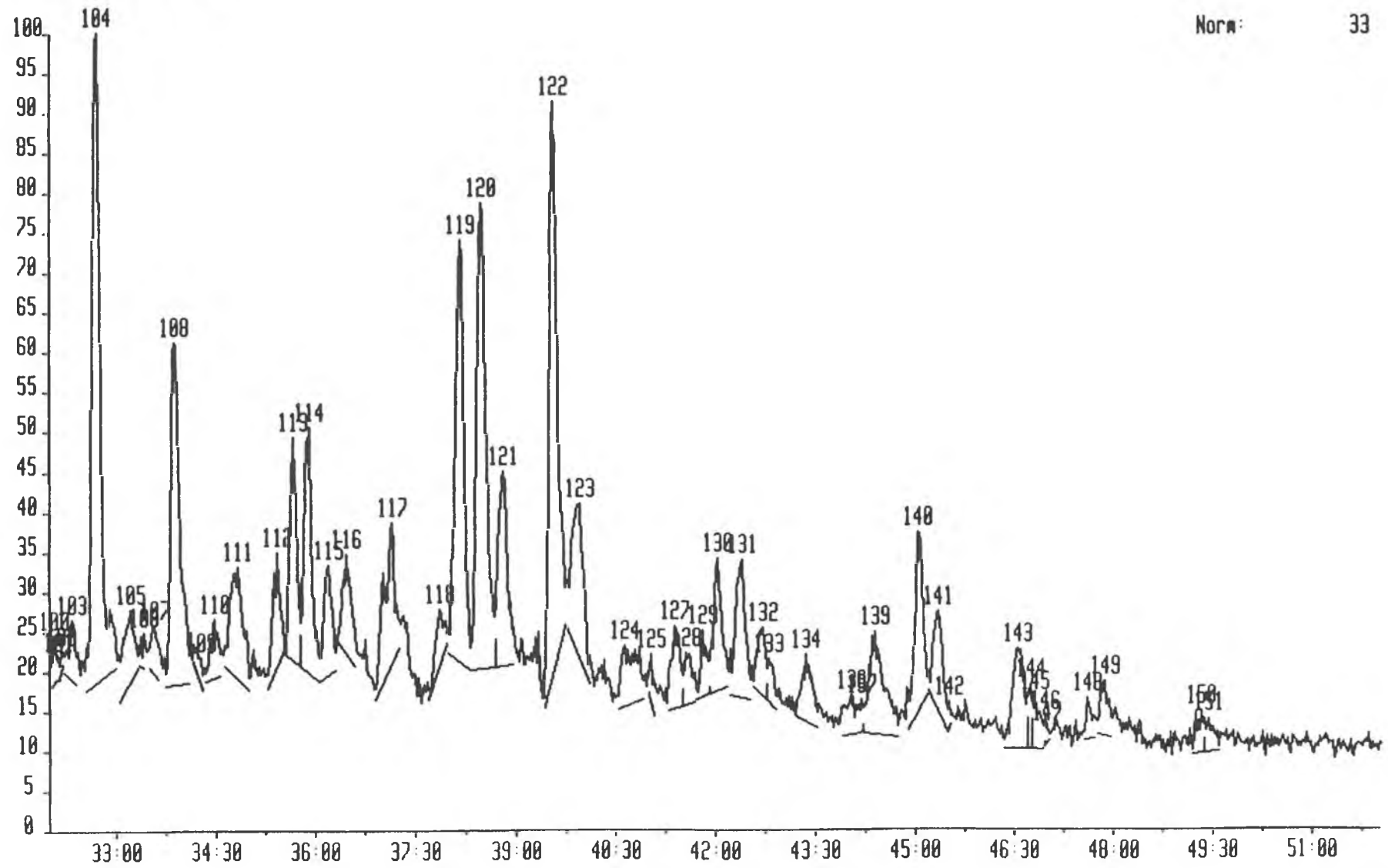
6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 10 Injection 1 Group 1 Mass 217.1956
Text:92H 00 SATS

Norm: 33



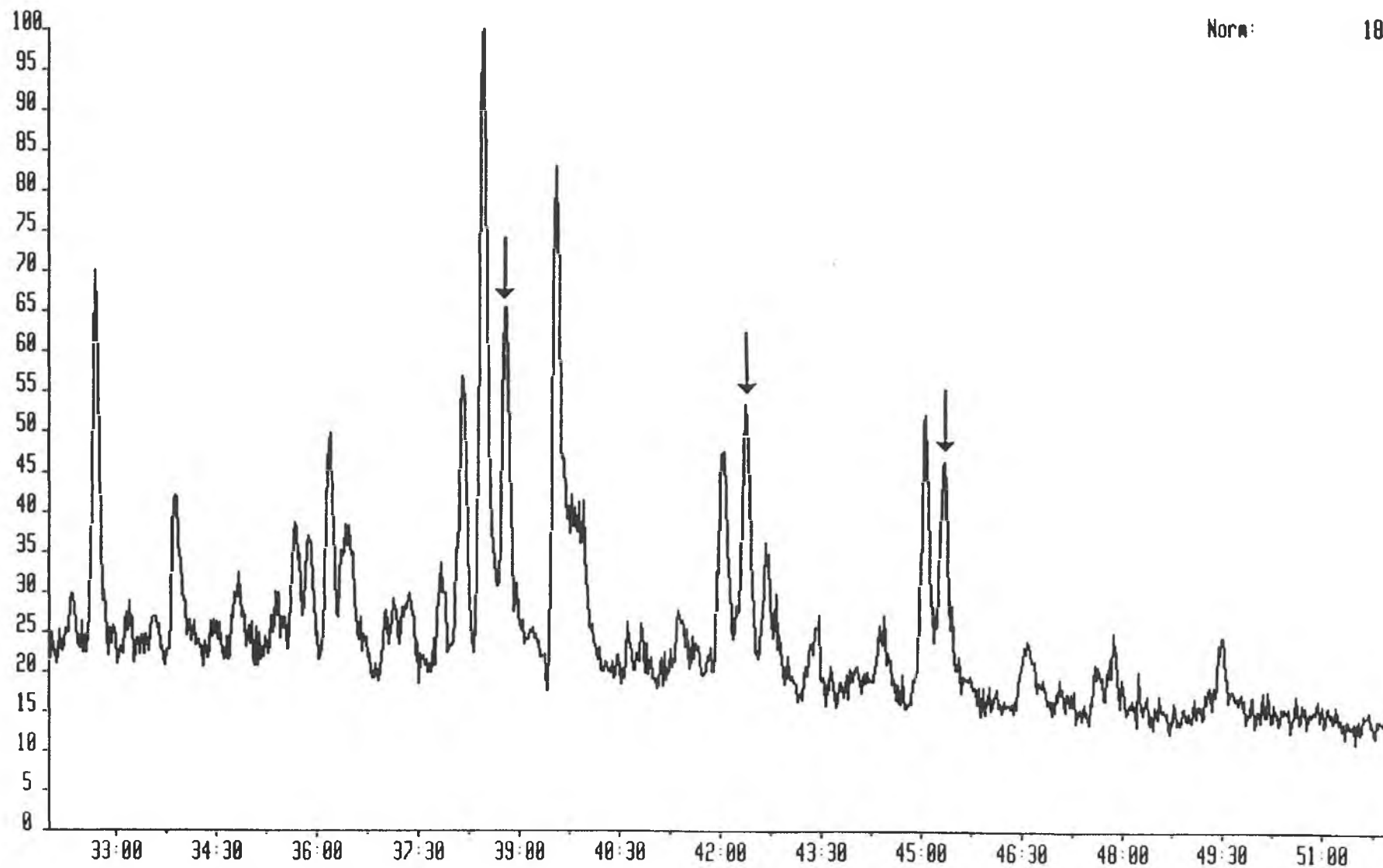
6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 10 Injection 1 Group 1 Mass 217.1956
Text:92H 00 SATS

Norm: 33



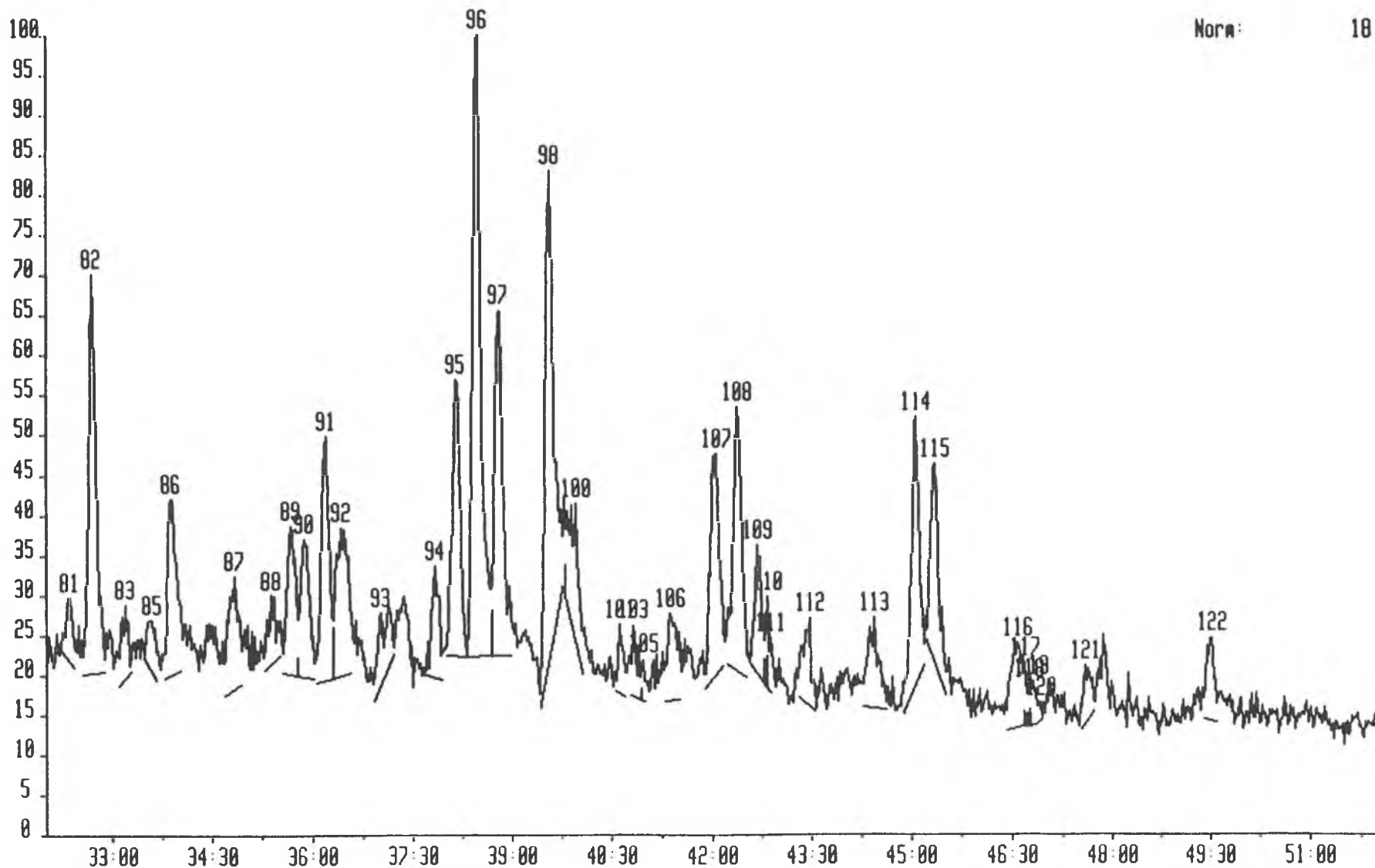
6656C 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 10 Injection 1 Group 1 Mass 210.2034
Text: 92H 00 SATS

Norm: 10



665GC 30-SEP-92 Sir:Voltage 70H Sys: SATS1
Sample 10 Injection 1 Group 1 Mass 210.2034
Text: 92H 80 SATS

Norm: 10



92H80

Mass	Ret. Time	Scan	No.	Peak Area	Peak Height
177.1798		0		0.00	0.00
	0 34 12	3576	100	13.03	2.44
	0 34 21	3594	101	24.39	2.78
	0 34 51	3655	103	28.76	4.17
	0 35 2	3678	104	3.79	2.04
	0 35 5	3684	105	2.91	2.11
	0 35 7	3688	106	1.81	1.07
	0 35 11	3695	107	2.12	1.22
	0 35 13	3699	108	1.63	1.68
	0 35 23	3720	109	28.40	3.42
	0 35 40	3755	110	22.61	3.80
	0 35 52	3779	111	24.52	3.95
	0 36 11	3819	112	6.85	2.50
	0 36 18	3833	113	13.30	3.06
	0 36 26	3848	114	3.11	1.64
	0 36 35	3867	116	13.74	2.47
	0 36 43	3884	117	16.34	2.93
	0 36 48	3894	118	3.13	1.66
	0 36 57	3913	119	2.39	2.61
	0 36 59	3916	120	30.54	3.00
	0 37 35	3989	122	9.89	2.49
	0 37 42	4004	123	5.45	2.07
	0 37 49	4018	124	5.98	1.95
	0 37 56	4033	125	7.62	1.88
	0 38 6	4054	127	2.29	2.07
	0 38 9	4059	128	17.26	2.66
	0 38 29	4099	129	32.62	5.14
	0 38 53	4149	130	1.98	1.21
	0 38 58	4160	131	3.26	1.40
	0 39 1	4166	132	2.06	1.66
	0 39 7	4178	133	5.30	1.53
	0 39 14	4192	135	3.72	1.90
	0 39 19	4203	136	5.02	1.55
	0 39 23	4210	137	1.77	1.01
	0 39 57	4280	138	38.14	3.76
	0 40 16	4318	139	27.28	3.65
	0 40 28	4343	140	2.01	1.52
	0 40 31	4350	141	1.16	1.61
	0 40 43	4374	143	3.46	2.10
	0 40 52	4392	144	51.57	7.15
	0 41 11	4431	145	7.99	1.94
	0 41 17	4443	147	7.33	1.79
	0 41 27	4464	150	3.66	1.61
	0 41 45	4499	151	19.59	2.63
	0 42 27	4585	152	42.32	5.51
	0 42 44	4621	153	6.57	1.73
	0 42 50	4633	154	1.83	1.32
	0 42 52	4637	155	3.29	1.56
	0 43 2	4658	156	14.66	2.06
	0 43 10	4673	157	12.55	2.55
	0 43 20	4693	158	6.66	1.96
	0 43 29	4712	159	10.73	2.29
	0 43 40	4734	160	1.58	1.33
	0 43 42	4739	161	2.93	1.77
	0 43 46	4746	162	4.82	1.92
	0 43 57	4770	164	2.03	1.00
	0 44 6	4787	165	7.45	2.15
	0 44 11	4798	166	9.24	2.40
	0 44 18	4812	167	8.22	1.62
	0 44 50	4877	168	1.82	1.55

0 45 3	4904	170	42.76	4.30
0 45 28	4955	171	17.25	2.64
0 45 30	4960	172	9.24	1.85
0 45 42	4983	173	10.67	2.34
0 45 48	4995	174	2.69	1.22
0 45 54	5008	175	4.90	1.42
0 46 8	5037	180	1.36	1.19
0 46 29	5079	181	96.36	11.20
0 46 41	5104	182	75.45	7.24
0 47 3	5149	183	7.34	1.69
0 47 10	5163	184	9.84	1.61
0 47 22	5187	186	1.54	1.67
0 47 25	5193	187	3.54	2.06
0 47 58	5261	188	0.61	0.54
0 48 0	5266	189	3.83	1.40
0 48 15	5296	191	22.63	2.92
0 48 32	5330	192	4.19	2.34
0 48 36	5339	193	7.00	2.54
0 48 40	5346	194	5.36	1.74
0 48 46	5360	195	2.42	1.77
0 48 52	5372	196	1.24	1.12
0 48 54	5375	197	3.54	1.85
0 48 58	5384	198	2.29	1.22
0 49 26	5440	199	31.32	4.72
0 51 3	5639	200	1.80	1.53
0 51 6	5645	201	4.55	2.13
0 51 19	5672	202	17.11	2.17
0 51 37	5709	203	24.28	1.97
0 51 45	5724	204	4.60	1.52
0 51 54	5742	205	6.73	2.12
0 51 58	5751	206	8.04	1.90
0 52 4	5763	207	3.05	1.45
0 52 6	5767	208	4.37	1.81
0 52 11	5778	209	2.73	1.69
0 52 17	5789	210	4.92	1.47
0 52 24	5805	211	8.18	1.61
0 52 28	5812	212	2.42	1.54
0 52 31	5818	213	2.38	1.43
0 52 33	5823	214	1.31	1.10
0 52 50	5858	216	1.80	1.19
0 53 1	5880	217	11.91	2.44
0 53 55	5990	218	8.65	2.11
0 54 7	6015	220	3.27	1.66
0 54 14	6029	221	10.61	1.93
0 54 19	6038	222	3.69	1.84
0 54 36	6074	223	1.18	1.09
0 54 39	6079	224	3.68	1.55
0 54 47	6095	226	2.66	1.31
0 54 48	6098	227	6.69	2.11
0 55 14	6151	228	0.92	0.76
0 55 16	6155	229	2.67	1.52
0 55 20	6163	230	5.53	1.49
0 55 26	6175	231	3.75	1.75
0 55 30	6183	232	1.07	1.36
0 55 31	6186	233	3.66	1.22
0 55 53	6231	234	15.21	2.02
0 56 34	6314	237	13.15	2.00
0 56 52	6351	238	3.72	2.06
0 57 6	6379	239	5.15	2.80
0 57 11	6390	240	9.73	1.96
0 57 25	6418	241	20.33	2.31
0 57 40	6450	242	15.03	1.97
0 57 52	6473	243	7.12	1.94
0 57 55	6480	244	3.33	1.91
0 57 58	6486	245	3.72	1.44
0 58 3	6495	246	4.92	1.50

0	58	10	6510	247	6.40	2.00
0	58	13	6516	248	3.41	2.00
0	58	23	6537	249	4.59	1.79
0	58	33	6557	251	1.23	1.10
0	58	34	6559	252	2.06	1.44
0	58	41	6574	255	6.44	1.83
0	58	55	6603	256	3.79	2.15
0	58	58	6608	257	1.58	1.26
0	59	6	6625	259	21.76	2.15
0	59	34	6682	260	0.93	0.71
0	59	43	6701	262	17.50	2.35
1	0	6	6747	263	10.94	2.33
1	0	14	6764	264	8.75	2.12
1	0	17	6769	265	5.82	2.45
1	0	25	6785	266	8.90	1.89
1	1	23	6905	267	1.48	0.84
1	1	24	6907	268	1.23	1.21
1	1	51	6961	270	2.35	1.54
1	1	53	6966	271	1.69	1.37
1	1	55	6970	272	2.63	1.73
1	1	59	6977	273	2.43	1.62
1	2	1	6981	274	1.84	1.66
1	2	4	6987	275	2.51	1.56
1	2	34	7050	277	4.00	2.44
1	2	39	7060	278	6.16	2.31
1	2	55	7091	281	1.44	1.00
1	3	2	7107	283	18.32	2.82
1	3	26	7155	284	0.97	0.84
1	3	28	7160	285	2.25	1.82
1	3	37	7178	286	16.75	2.33
1	3	45	7193	287	1.88	1.44
1	3	46	7196	288	2.41	2.06
1	3	52	7208	289	5.75	2.21
1	3	55	7215	290	1.02	1.33
1	4	11	7246	291	16.58	3.24
1	4	21	7268	292	52.37	3.25
1	4	44	7315	293	23.61	4.71
1	4	59	7345	295	11.14	2.68
1	5	2	7352	296	3.43	1.82
1	5	7	7362	297	25.78	2.94
1	5	28	7405	298	3.73	1.47
1	5	34	7417	299	3.09	1.47
1	5	36	7421	300	4.84	2.14
1	5	42	7433	303	2.85	1.09
1	5	54	7458	304	4.30	1.93
1	5	57	7464	306	9.13	2.16
1	6	10	7489	307	10.95	2.71
1	6	17	7504	309	9.02	2.69
1	6	24	7518	310	2.76	1.59
1	6	27	7525	311	1.22	1.17
1	6	29	7528	312	2.81	1.73
1	6	39	7549	313	10.68	2.68
1	6	46	7563	314	9.58	3.08
1	6	50	7572	315	9.42	1.90
1	7	4	7601	317	2.41	2.23
1	7	13	7619	318	11.09	2.83
1	7	32	7657	320	5.23	2.82
1	7	34	7661	321	11.16	3.10
1	7	42	7678	322	17.91	3.10
1	7	51	7696	323	12.69	2.95
1	7	56	7706	324	6.37	2.88
1	8	2	7718	325	9.32	2.47
1	8	10	7734	326	28.11	3.33
1	8	46	7809	327	21.20	2.74
1	9	1	7839	328	0.79	1.30
1	9	6	7849	330	4.94	1.82

	1	9	10	7857	331	1.11	0.86
	1	9	27	7891	332	1.20	1.04
	1	9	29	7896	334	5.03	2.90
	1	9	35	7908	335	2.98	2.02
	1	9	36	7911	336	9.27	2.54
	1	9	45	7929	337	4.87	2.50
	1	9	53	7945	338	17.58	2.76
191.1798				0		0.00	0.00
	0	38	20	4082	67	18.33	4.14
	0	38	54	4152	69	38.72	5.27
	0	40	16	4318	70	113.87	15.84
	0	41	38	4486	71	115.97	16.52
	0	45	1	4901	72	119.87	12.03
	0	46	28	5077	73	191.38	28.05
	0	46	41	5104	74	30.40	6.49
	0	48	14	5293	75	21.15	3.46
	0	49	26	5441	76	362.28	48.26
	0	50	51	5614	77	25.16	4.46
	0	52	58	5873	78	101.21	12.76
	0	53	26	5930	79	72.60	9.91
	0	55	49	6222	80	56.28	8.94
	0	56	27	6299	81	39.86	6.36
	0	59	8	6629	82	44.70	6.85
	1	0	0	6734	83	25.39	5.05
	1	2	38	7058	84	23.34	4.41
	1	6	2	7473	85	36.02	4.81
	1	6	15	7501	86	1.10	1.31
	1	7	20	7632	87	26.99	3.96
217.1956				0		0.00	0.00
	0	32	3	3312	100	3.62	2.03
	0	32	7	3320	101	1.41	0.95
	0	32	10	3326	102	1.20	0.76
	0	32	19	3344	103	13.63	2.44
	0	32	41	3390	104	204.53	26.78
	0	33	11	3452	105	28.51	3.01
	0	33	24	3477	106	2.97	1.40
	0	33	33	3496	107	10.16	2.00
	0	33	52	3534	108	122.92	14.12
	0	34	16	3584	109	4.56	1.29
	0	34	27	3606	110	14.98	2.46
	0	34	48	3650	111	50.63	4.61
	0	35	24	3722	112	29.24	4.74
	0	35	39	3753	113	59.11	9.17
	0	35	53	3782	114	73.03	10.14
	0	36	10	3817	115	33.01	4.54
	0	36	26	3850	116	27.01	4.07
	0	37	7	3933	117	58.23	5.90
	0	37	50	4020	118	15.19	2.41
	0	38	9	4059	119	138.93	17.43
	0	38	27	4095	120	169.53	19.22
	0	38	48	4138	121	64.95	8.03
	0	39	32	4228	122	180.73	23.69
	0	39	56	4278	123	63.92	6.37
	0	40	36	4360	124	33.08	2.55
	0	41	1	4410	125	3.39	1.80
	0	41	22	4453	127	24.57	3.45
	0	41	32	4474	128	13.42	2.20
	0	41	47	4505	129	13.67	2.77
	0	42	0	4531	130	40.06	5.49
	0	42	23	4577	131	50.01	5.70
	0	42	41	4614	132	18.10	2.78
	0	42	47	4627	133	8.39	1.80
	0	43	20	4694	134	25.00	2.82
	0	44	1	4777	136	9.38	1.68
	0	44	11	4797	137	6.53	1.38
	0	44	22	4820	139	54.75	4.25

218.2034

0 45 1	4900	140	54.80	7.49
0 45 19	4936	141	33.22	4.04
0 45 30	4959	142	2.19	1.13
0 46 32	5085	143	47.03	4.18
0 46 43	5109	144	7.41	2.73
0 46 48	5118	145	12.02	2.20
0 46 57	5136	146	2.14	1.22
0 46 58	5139	147	1.27	0.68
0 47 35	5215	148	7.65	1.77
0 47 52	5249	149	15.27	2.30
0 49 18	5424	150	10.67	1.79
0 49 24	5437	151	7.94	1.41
	0		0.00	0.00
0 32 20	3347	81	7.42	1.38
0 32 41	3389	82	58.82	8.87
0 33 10	3449	83	9.11	1.67
0 33 35	3499	85	6.64	1.18
0 33 51	3533	86	32.10	3.92
0 34 49	3651	87	18.93	2.53
0 35 22	3719	88	8.81	1.52
0 35 39	3753	89	24.79	3.30
0 35 51	3777	90	23.98	3.06
0 36 10	3817	91	39.46	5.44
0 36 24	3845	92	34.64	3.29
0 37 0	3918	93	14.49	1.65
0 37 49	4019	94	15.46	2.50
0 38 8	4057	95	47.25	6.18
0 38 27	4095	96	108.76	13.86
0 38 45	4133	97	61.79	7.70
0 39 32	4228	98	87.61	11.04
0 39 56	4278	100	24.61	3.13
0 40 36	4359	101	6.39	1.54
0 40 48	4383	103	5.81	1.57
0 40 57	4403	105	0.74	0.94
0 41 21	4451	106	15.01	1.97
0 42 1	4533	107	41.73	4.95
0 42 20	4571	108	47.31	5.86
0 42 38	4609	109	18.44	2.84
0 42 48	4628	110	4.21	1.99
0 42 51	4634	111	3.19	1.17
0 43 27	4708	112	12.60	2.00
0 44 24	4825	113	19.14	2.02
0 45 1	4901	114	40.63	6.06
0 45 19	4936	115	32.26	4.37
0 46 33	5088	116	18.51	1.91
0 46 40	5103	117	2.26	1.44
0 46 43	5109	118	1.48	0.95
0 46 47	5117	119	3.80	0.98
0 46 55	5132	120	1.17	0.39
0 47 35	5214	121	7.51	1.31
0 49 28	5445	122	11.80	1.86

259.2426

	0		0.00	0.00
0 32 4	3314	77	5.35	1.45
0 32 10	3326	78	1.53	0.92
0 32 41	3389	79	73.34	9.62
0 33 36	3502	80	2.08	1.08
0 33 52	3535	81	42.84	7.00
0 34 27	3606	83	6.73	1.71
0 34 41	3635	85	0.90	1.00
0 34 46	3644	87	7.19	1.42
0 35 18	3710	88	0.80	0.85
0 35 22	3718	89	5.73	1.44
0 35 39	3753	90	24.22	3.83
0 35 54	3783	91	22.52	3.30
0 36 45	3887	92	3.47	1.09
0 36 47	3892	93	1.05	0.64

0 37 0	3918	94	37.14	2.75
0 38 27	4096	95	38.66	4.81
0 38 47	4136	96	6.21	1.20
0 39 33	4230	97	3.12	1.06
0 39 36	4236	98	1.31	0.69
0 39 50	4266	99	26.86	2.81

GEOCHEMISTRY OF THE 34/7-7 WELL

Figure 11**AROMATIC FRACTION GAS CHROMATOGRAPHY - MASS SPECTROMETRY DATA**

Figure	Sample No.	Depth
11.1	92H 61	2563.0m
11.2	92H 63	2567.0m
11.3	92H 65	2585.0m
11.4	92H 67	2587.0m
11.5	92H 69	2591.0m
11.6	92H 72	2611.0m
11.7	92H 74	2613.0m
11.8	92H 77	2641.5m
11.9	92H 78	2643.0m
11.10	92H 80	2904.1m

Figure 11.1

AROMATIC MASS FRAGMENTOGRAMS

DEPTH: 2563.0m

SAMPLE NO.: 2H 61

Total Ion Current

M/Z 178

M/Z 192

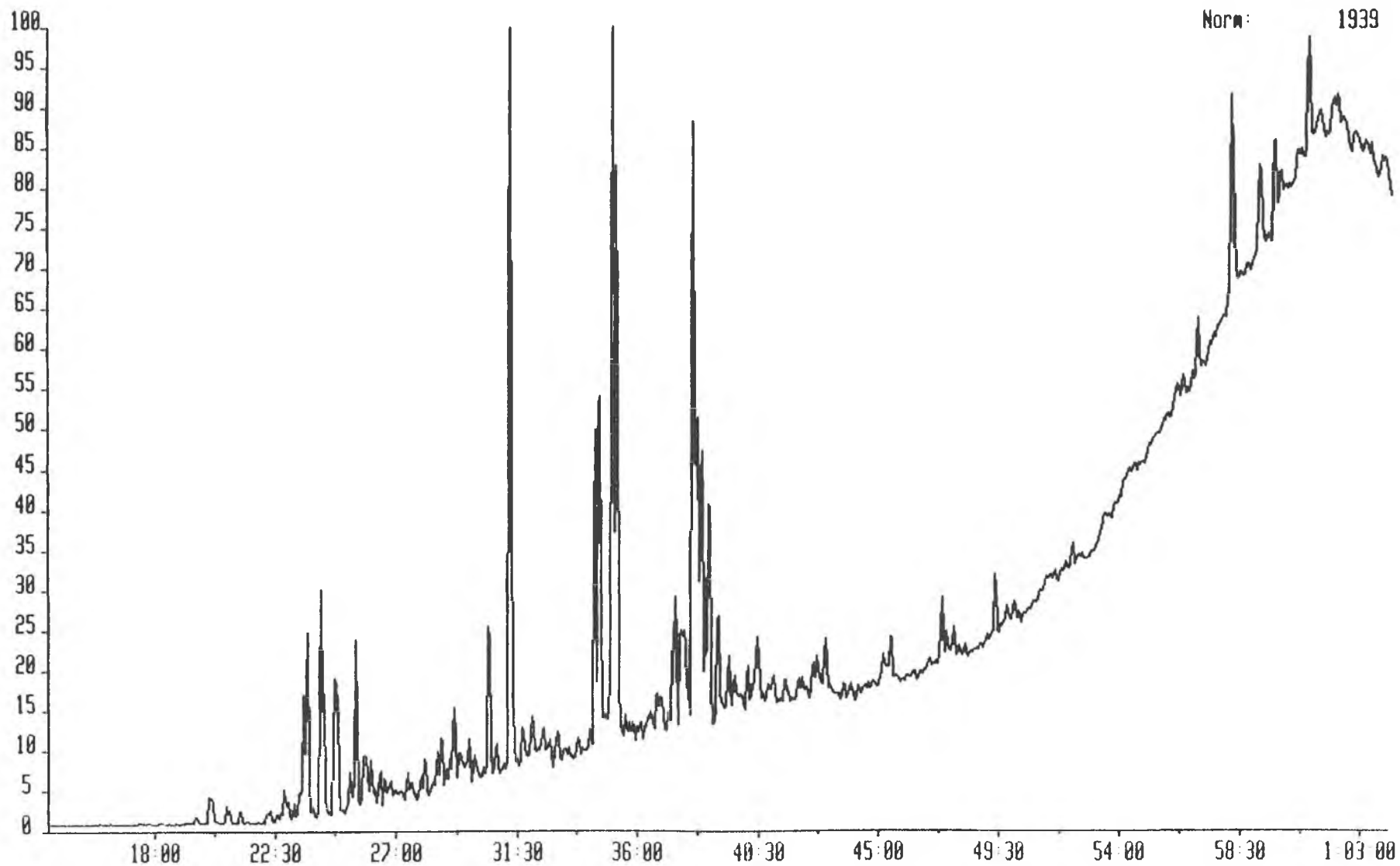
M/Z 206

M/Z 231

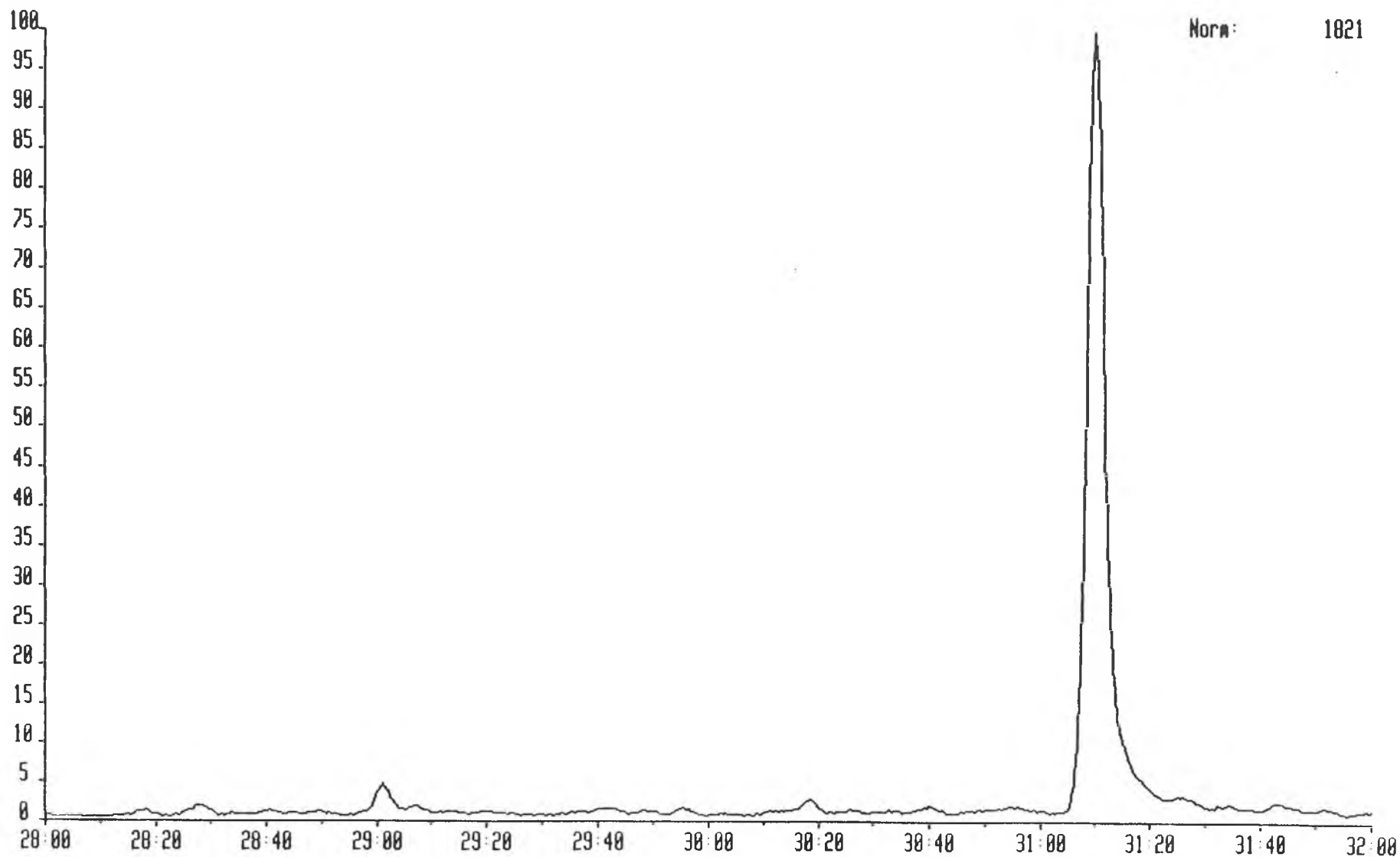
M/Z 253

Quantification data

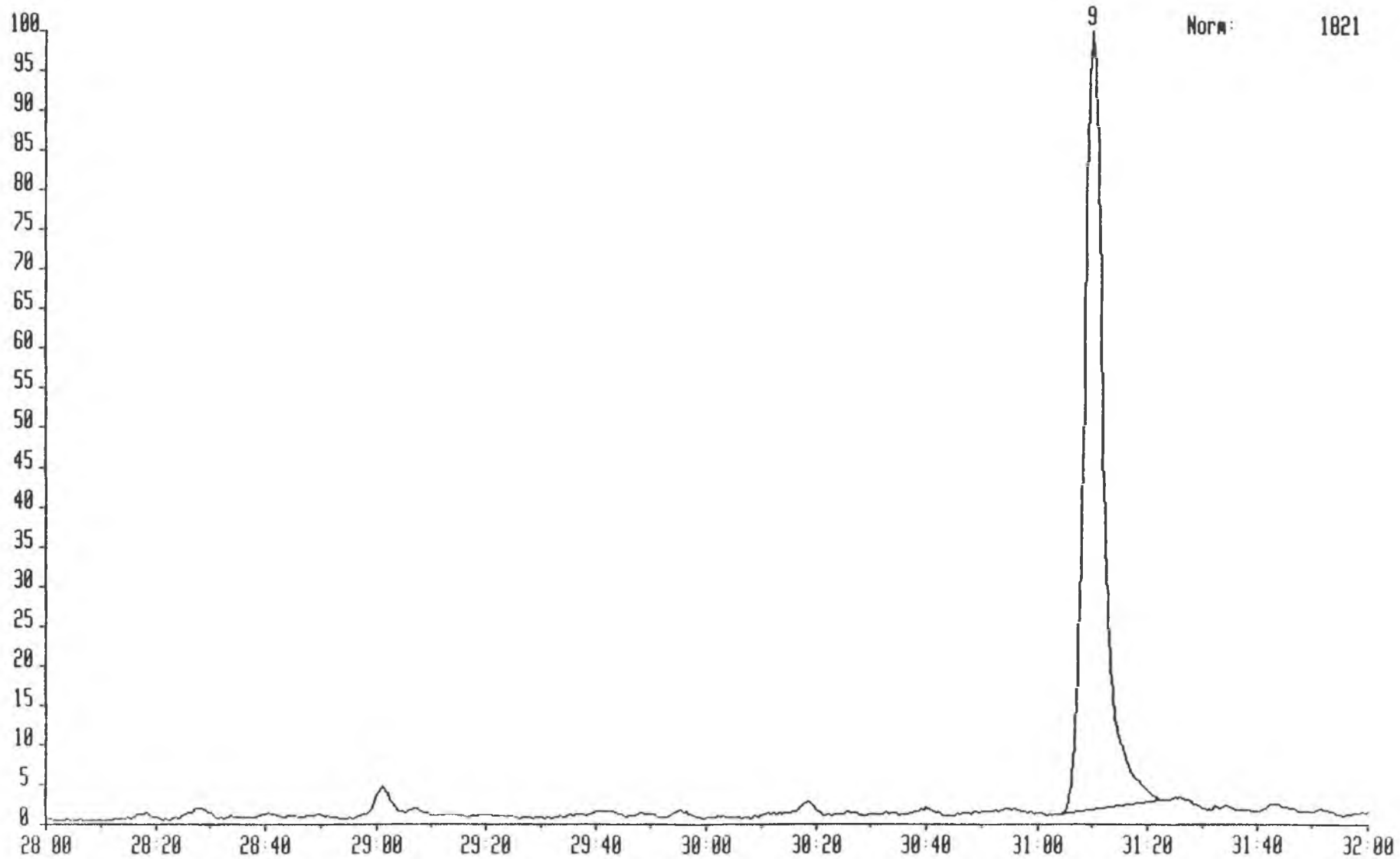
B 3-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 TOTAL ION CURRENT
Text:92H 61 AROMATICS



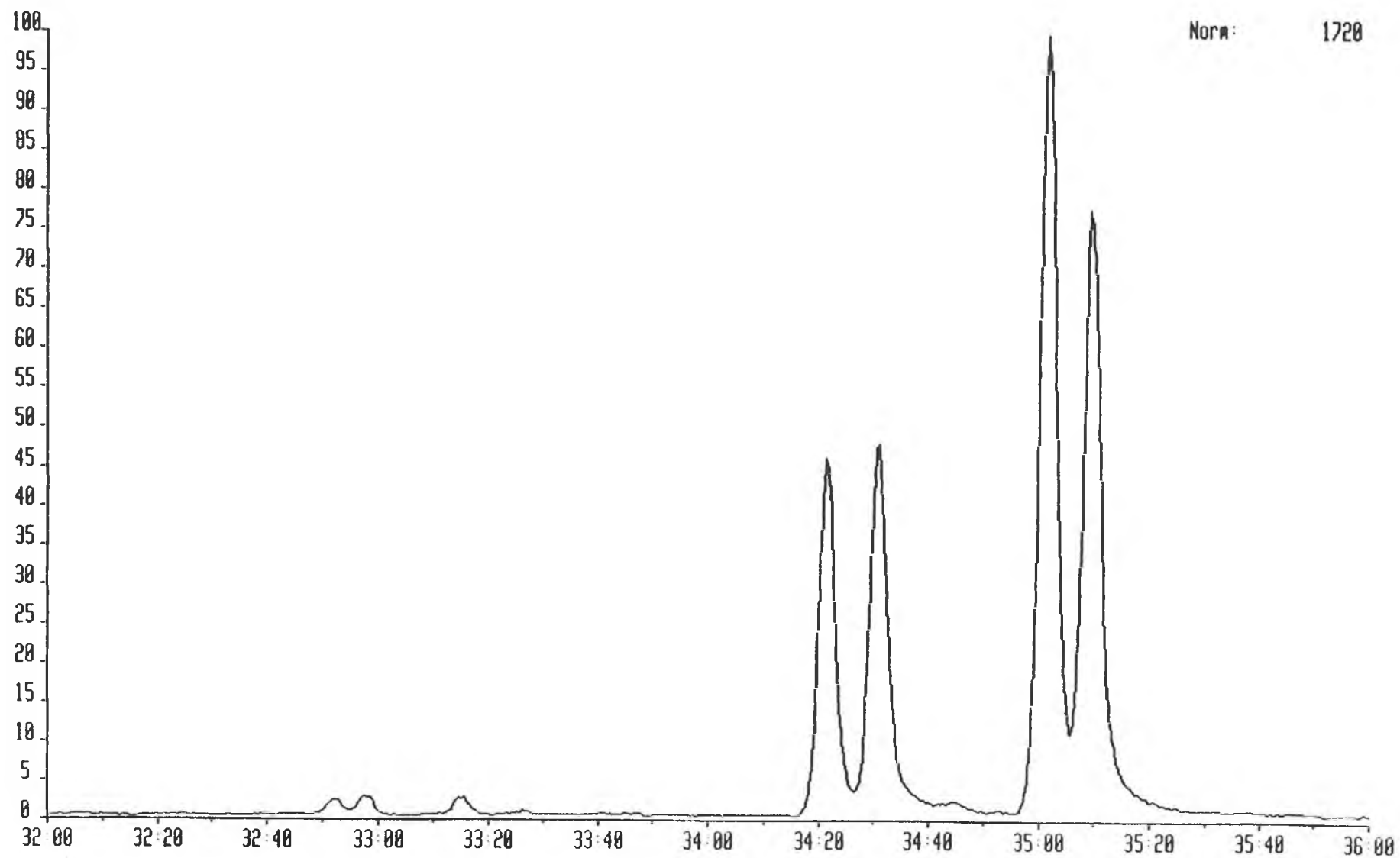
665621 3-OCT-92 Sir:Voltage 78H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 178.0782
Text: 92H 61 AROMATICS



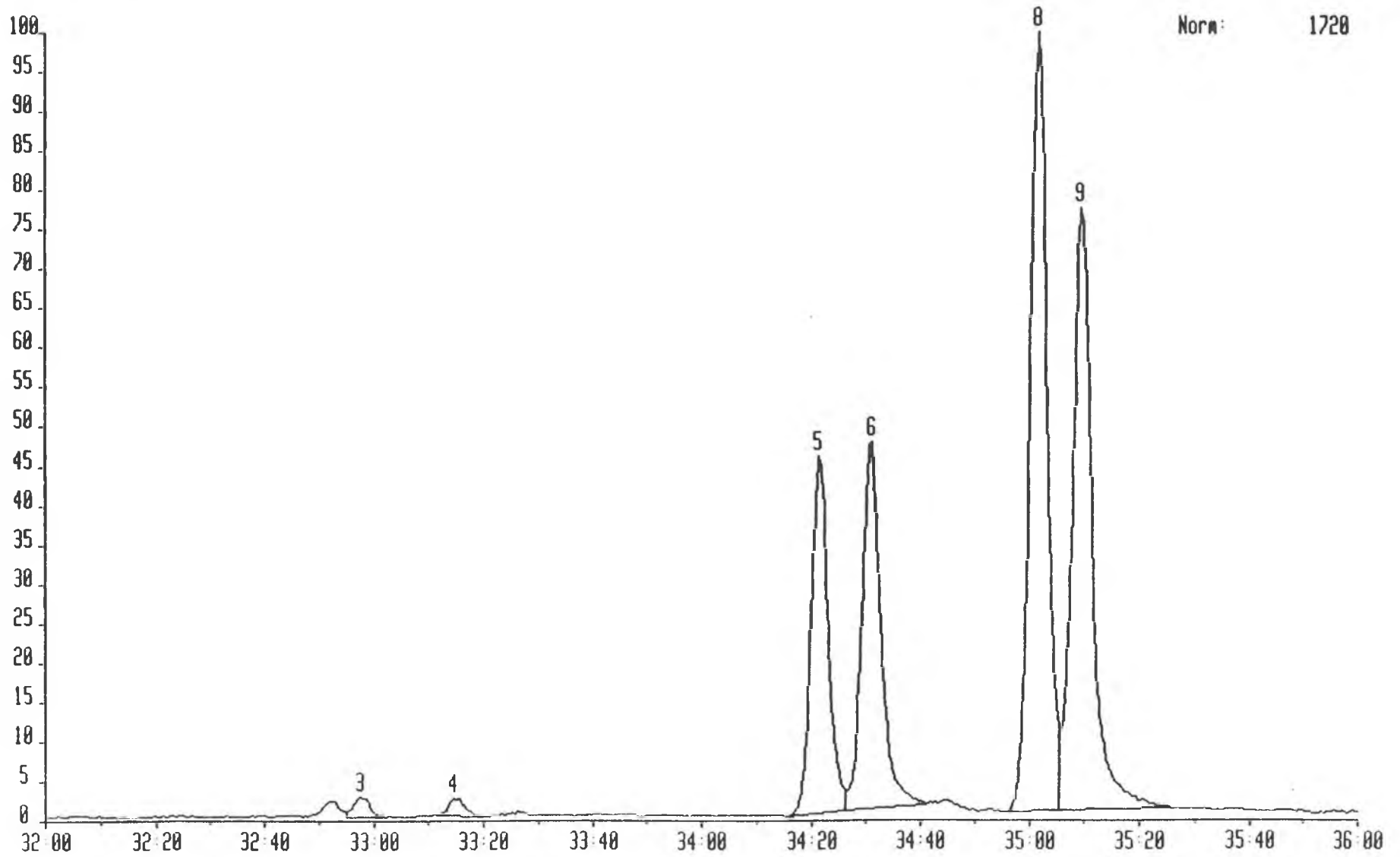
665621 3-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 178.0782
Text: 92H 61 AROMATICS



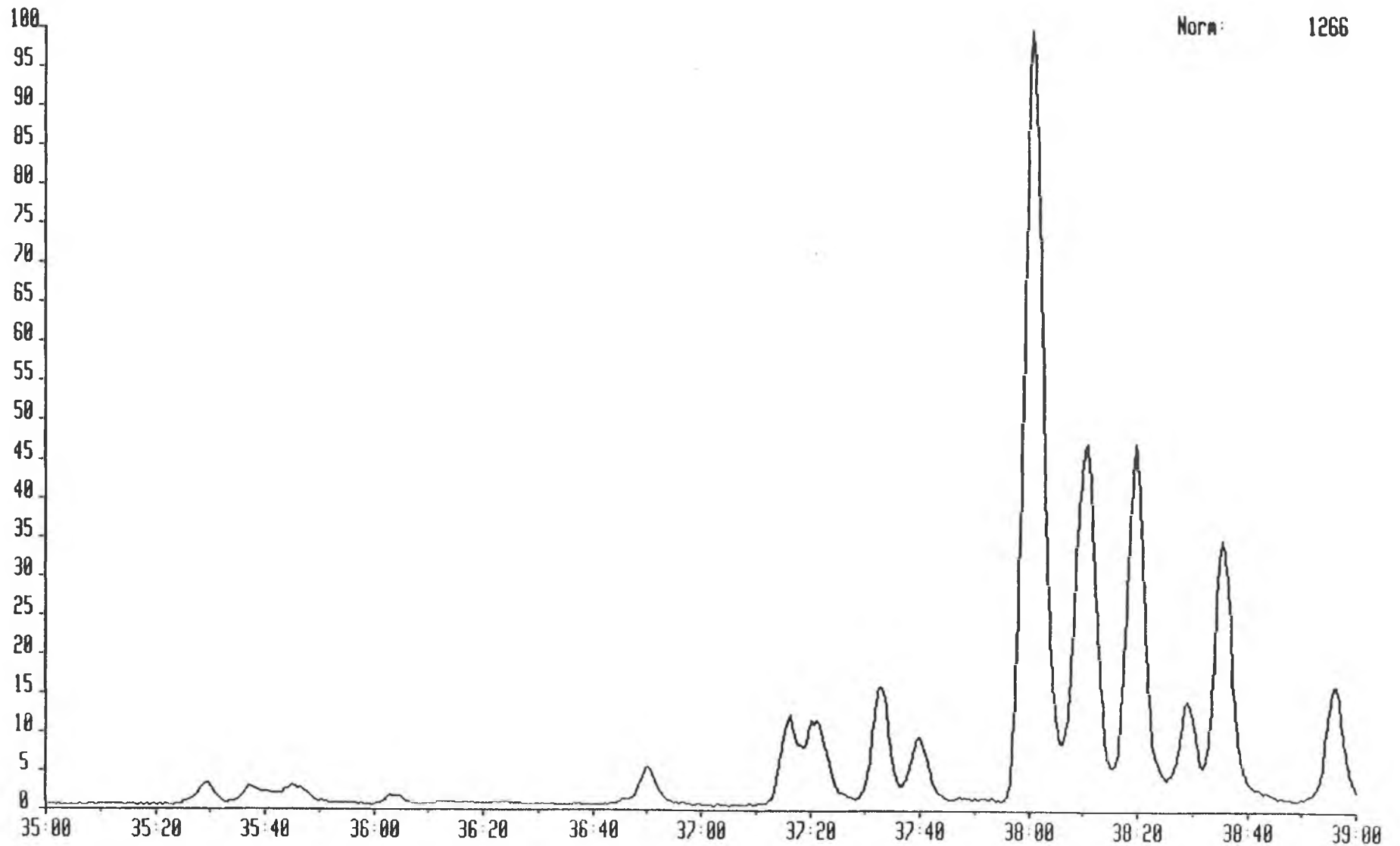
665621 3-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 192.0928
Text: 92H 61 AROMATICS



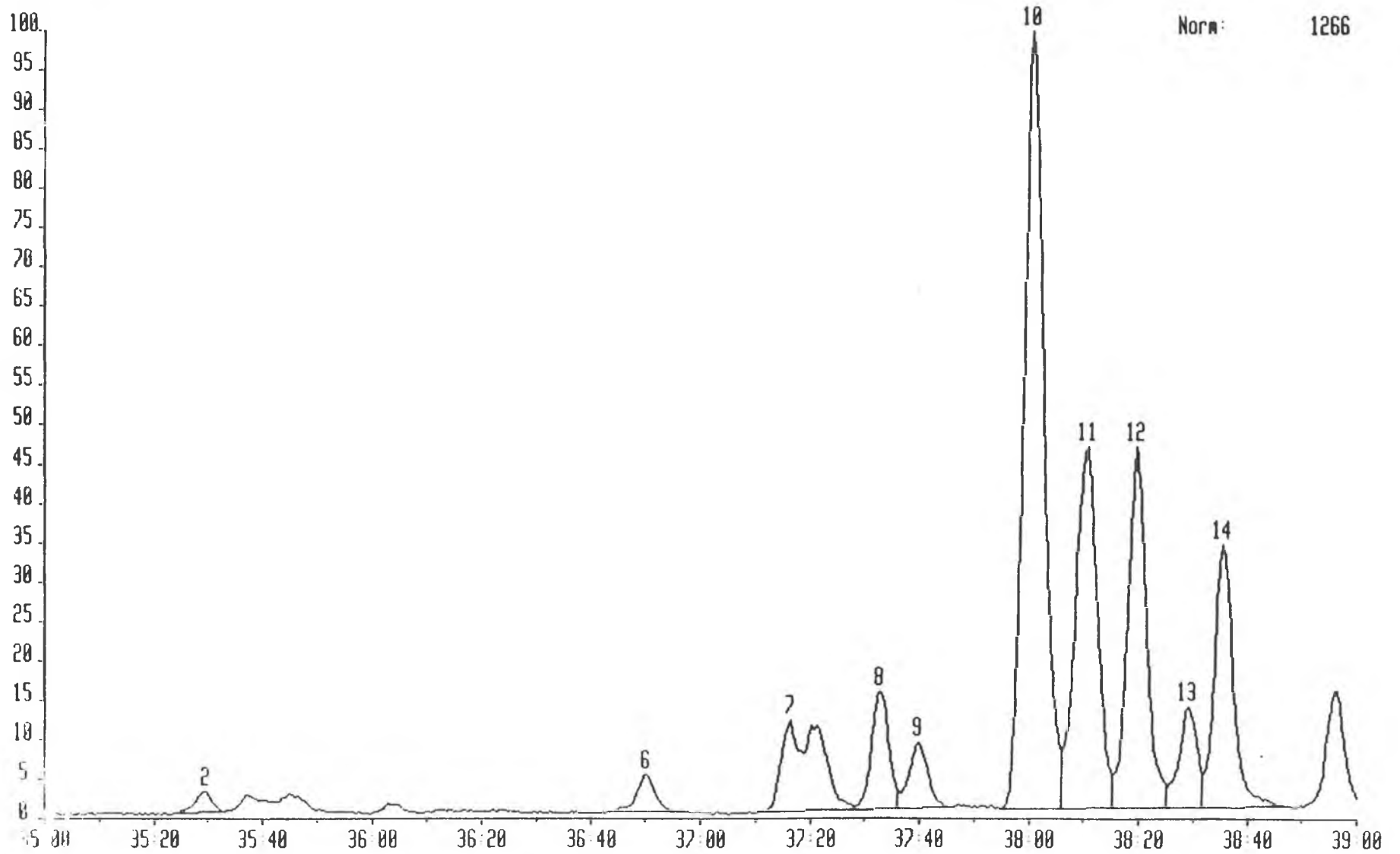
665621 3-OCT-92 Str:Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 192.0928
Text: 92H 61 AROMATICS



665621 3-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 206.1000
Text:92H 61 AROMATICS

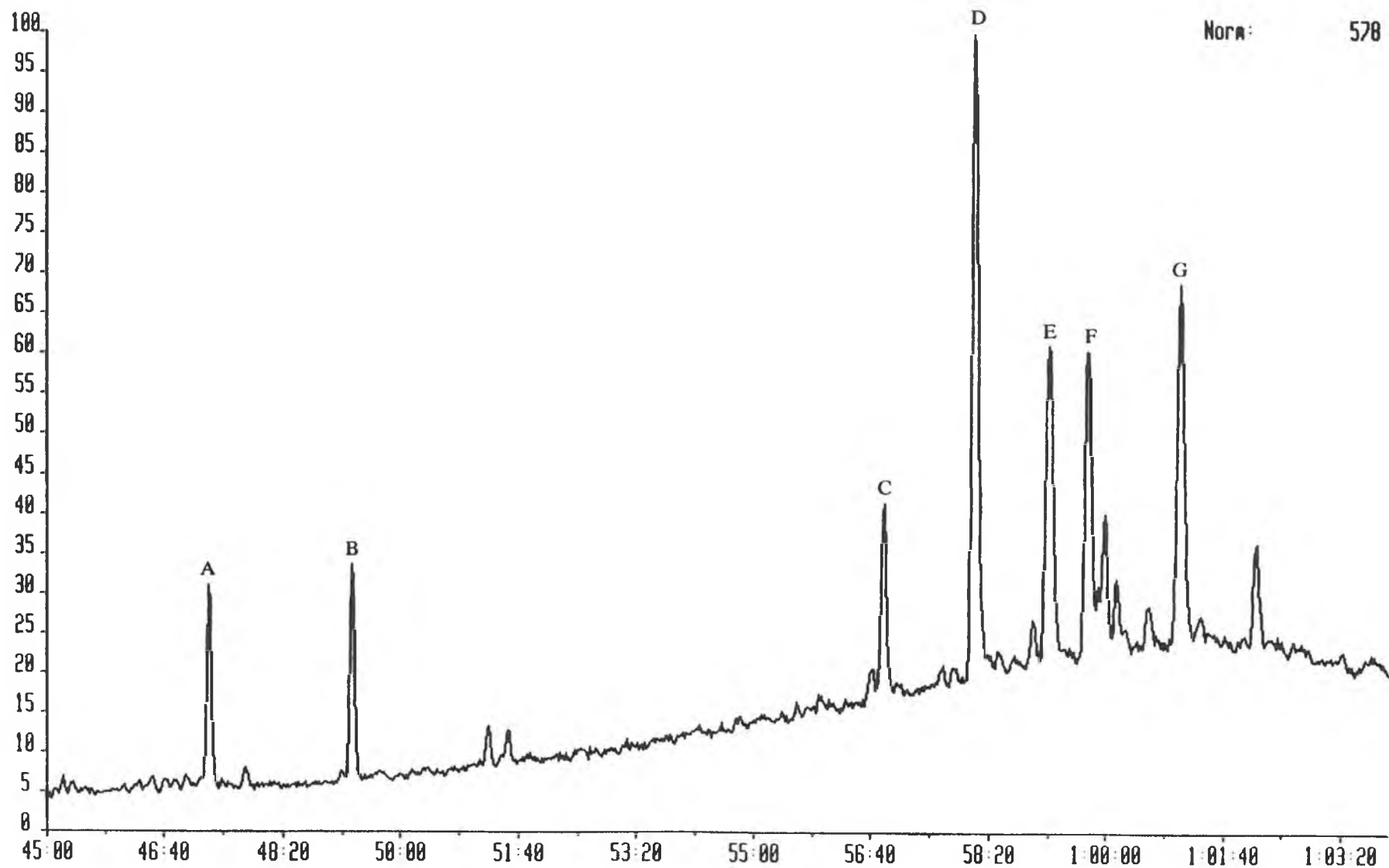


665621 3-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 206.1000
Text: 92H 61 AROMATICS



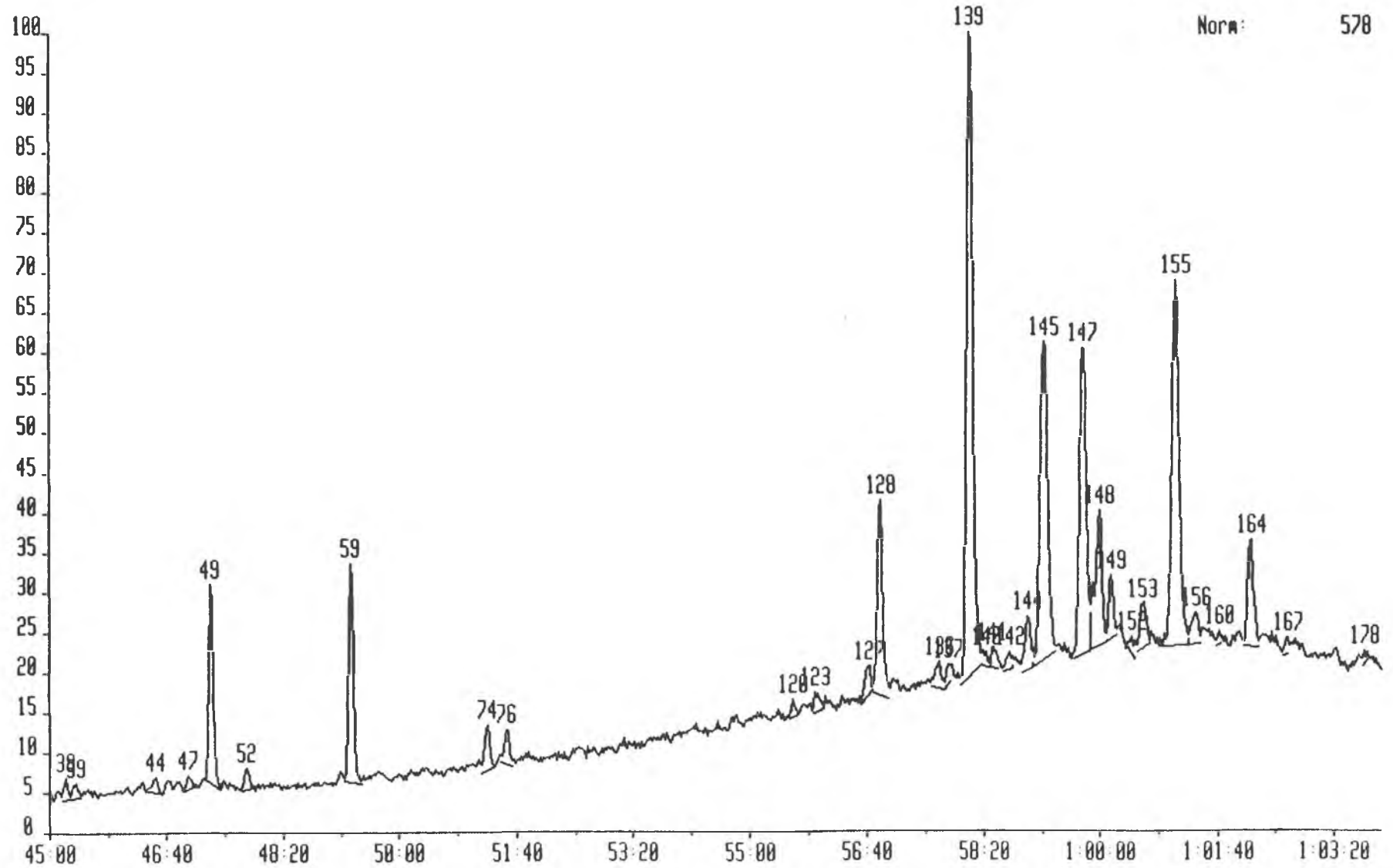
Norm: 1266

665621 3-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 231.1174
Text: 92H 61 AROMATICS

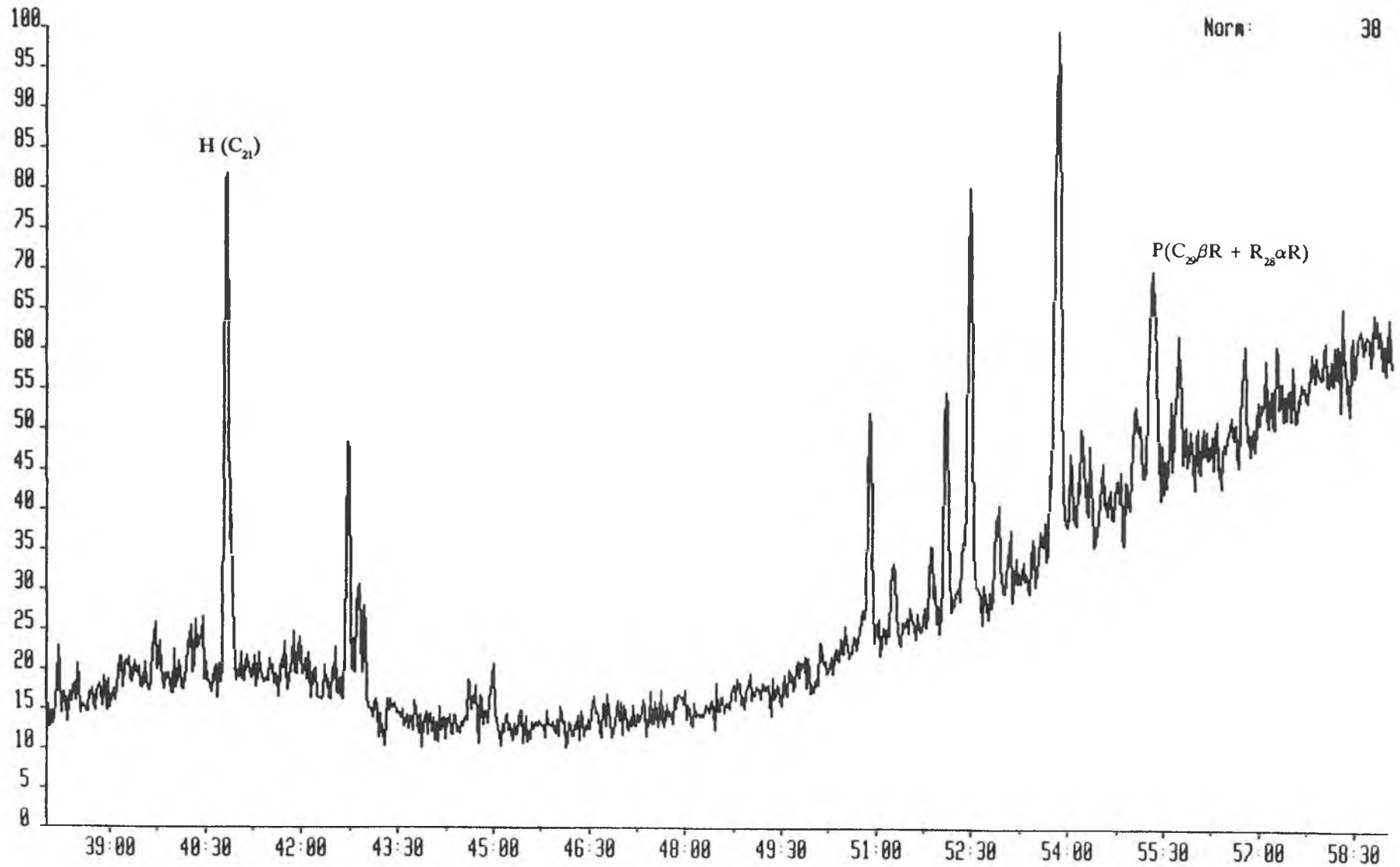


Norm: 578

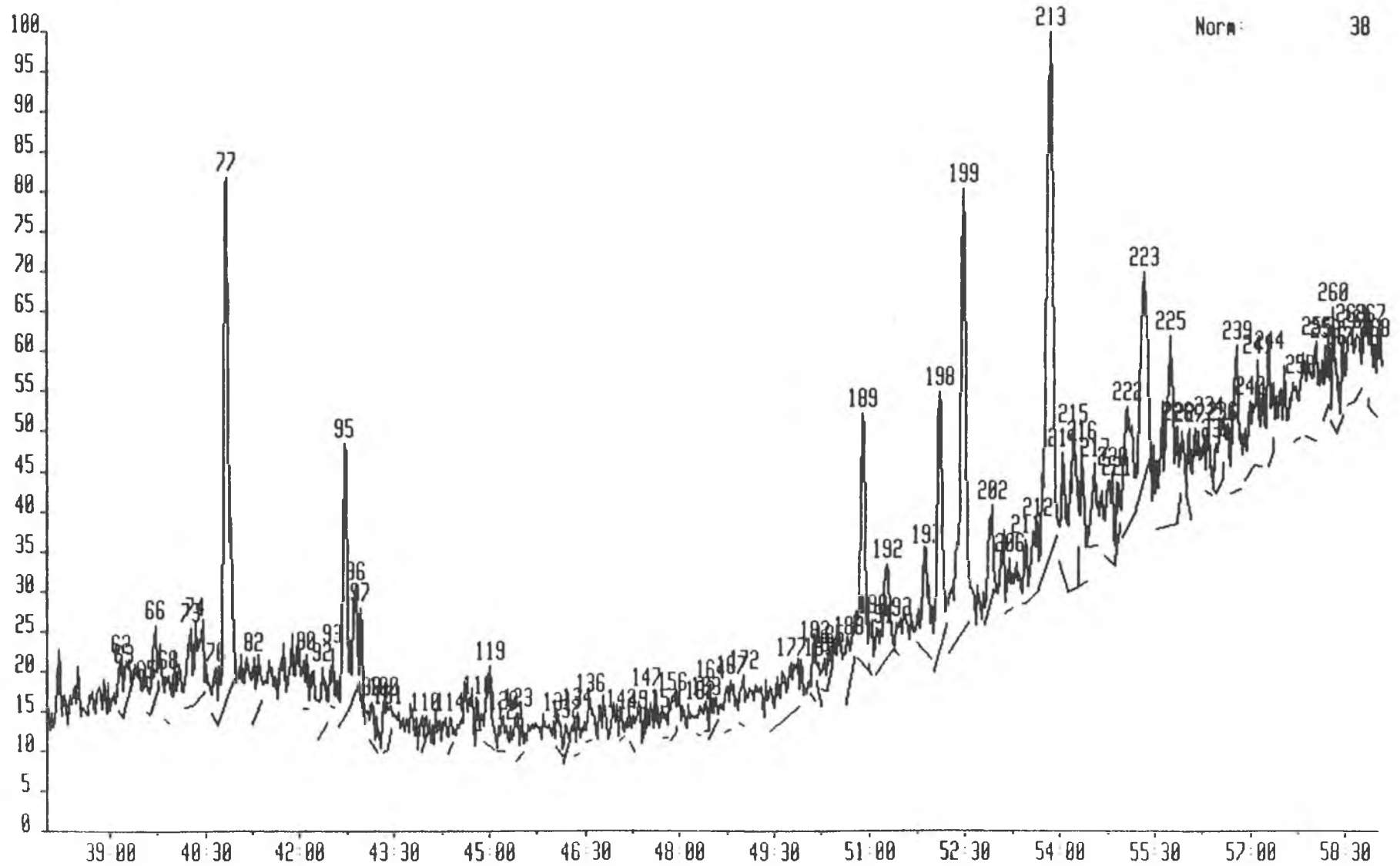
665621 3-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 231.1174
Text:92H 61 AROMATICS



665621 3-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 253.1956
Text: 92H 61 AROMATICS



665621 3-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 253.1956
Text:92H 61 AROMATICS



92H61 Mass =====	Ret. Time =====	Scan =====	No. =====	Peak Area =====	Peak Height =====
142.0782		0		0.00	0.00
	0 15 15	650	10	6.36	3.10
	0 16 17	777	11	8.76	3.36
	0 17 47	962	17	10.76	3.17
156.0939		0		0.00	0.00
	0 19 30	1176	2	73.87	15.68
	0 19 59	1236	3	196.73	53.85
	0 20 6	1249	4	207.56	54.04
	0 20 38	1316	5	114.82	35.51
	0 20 45	1329	6	113.26	28.54
	0 21 9	1380	7	91.91	25.80
170.1095		0		0.00	0.00
	0 22 8	1502	2	37.26	12.57
	0 22 16	1517	3	53.03	13.81
	0 22 32	1550	4	42.21	13.13
	0 22 40	1567	5	49.83	16.37
	0 22 48	1583	6	194.20	56.83
	0 22 57	1603	7	226.49	35.80
	0 23 10	1629	8	112.55	33.97
	0 23 22	1653	9	220.80	52.47
	0 23 30	1670	10	905.49	254.25
	0 23 40	1690	11	1481.00	392.73
	0 23 51	1714	12	80.65	21.92
	0 24 9	1751	13	1616.97	466.03
	0 24 15	1763	14	969.37	255.45
	0 24 41	1817	15	2248.01	287.97
	0 25 13	1883	16	304.76	78.75
	0 25 26	1910	17	1244.11	347.41
	0 25 59	1978	19	297.86	86.91
	0 26 8	1995	20	54.89	14.46
	0 26 21	2023	21	48.33	13.91
	0 26 30	2042	22	141.63	36.64
	0 26 38	2057	23	100.61	29.38
	0 26 44	2070	24	97.56	29.20
	0 26 50	2083	25	47.24	14.24
	0 26 56	2095	26	37.93	12.01
178.0782		0		0.00	0.00
	0 31 10	2618	9	7444.95	1792.66
184.0344		0		0.00	0.00
	0 30 22	2520	1	1620.30	388.78
192.0928		0		0.00	0.00
	0 32 58	2841	3	141.79	41.67
	0 33 15	2876	4	121.71	36.19
	0 34 21	3013	5	2801.93	780.94
	0 34 31	3033	6	3247.92	803.60
	0 35 2	3096	8	6249.50	1702.77
	0 35 9	3112	9	5455.15	1316.49
198.0501		0		0.00	0.00
	0 33 12	2871	1	2429.28	609.07
	0 33 47	2943	2	1066.62	167.34
	0 34 23	3017	3	1044.57	280.42
	0 35 42	3180	4	42.29	12.46
206.1088		0		0.00	0.00
	0 35 30	3154	2	117.73	32.60
	0 36 50	3320	6	227.66	59.19
	0 37 16	3374	7	1174.27	145.95
	0 37 33	3408	8	688.28	188.95
	0 37 40	3422	9	430.92	106.52
	0 38 0	3465	10	5312.65	1252.75
	0 38 11	3486	11	2706.04	584.89

253.1956

0 38 19	3504	12	2329.99	582.99
0 38 29	3524	13	635.25	162.36
0 38 35	3537	14	1708.77	424.75
	0		0.00	0.00
0 39 10	3609	62	7.04	2.68
0 39 12	3613	63	5.91	2.13
0 39 34	3657	65	3.17	1.30
0 39 41	3673	66	11.37	3.53
0 39 54	3700	68	6.16	2.27
0 40 15	3742	73	15.14	3.75
0 40 20	3753	74	19.80	3.78
0 40 39	3792	76	6.83	2.56
0 40 48	3811	77	115.91	24.96
0 41 15	3867	82	8.36	3.05
0 42 5	3970	90	7.53	2.54
0 42 20	4001	92	12.25	3.06
0 42 31	4022	93	4.41	2.71
0 42 42	4045	95	50.73	12.88
0 42 52	4066	96	18.16	5.10
0 42 57	4076	97	8.18	4.06
0 43 8	4099	98	8.98	2.05
0 43 20	4123	100	5.07	2.41
0 43 23	4131	101	3.59	1.62
0 43 58	4203	110	1.68	0.93
0 44 21	4250	114	3.56	1.65
0 44 48	4305	118	2.27	1.38
0 44 59	4328	119	14.63	3.76
0 45 12	4354	120	5.69	1.72
0 45 19	4369	121	-0.25	0.65
0 45 26	4384	123	6.30	2.17
0 46 3	4460	131	4.62	1.50
0 46 10	4474	132	2.92	1.68
0 46 21	4496	134	3.73	2.04
0 46 34	4523	136	5.11	2.01
0 47 2	4582	142	1.71	1.29
0 47 13	4605	145	3.88	1.51
0 47 26	4631	147	1.67	1.68
0 47 44	4669	154	2.71	1.19
0 47 51	4683	156	8.54	2.01
0 48 18	4738	162	2.33	1.43
0 48 23	4749	163	2.78	1.45
0 48 27	4757	164	6.56	2.50
0 48 46	4797	167	6.62	2.37
0 49 0	4824	172	5.78	2.41
0 49 45	4917	177	34.38	2.48
0 50 7	4963	182	5.64	2.56
0 50 10	4970	183	2.25	1.25
0 50 16	4982	184	2.69	1.54
0 50 20	4990	185	1.59	1.61
0 50 38	5027	188	8.74	2.76
0 50 52	5055	189	48.40	11.90
0 51 1	5074	190	6.18	2.63
0 51 7	5086	191	3.48	2.04
0 51 14	5102	192	18.93	4.58
0 51 23	5120	193	3.50	1.35
0 51 51	5177	197	25.30	4.90
0 52 3	5203	198	53.95	12.43
0 52 25	5248	199	112.94	21.07
0 52 53	5305	202	17.19	4.51
0 53 10	5341	206	5.77	2.43
0 53 25	5371	211	3.95	3.04
0 53 36	5394	212	14.37	3.32
0 53 47	5417	213	160.03	25.21
0 54 1	5445	214	19.28	5.73
0 54 10	5465	215	41.49	7.61
0 54 18	5480	216	25.41	6.63

0	54	31	5508	217	11.36	3.97
0	54	47	5540	220	19.39	4.32
0	54	51	5549	221	4.62	3.56
0	55	1	5570	222	42.83	5.72
0	55	16	5600	223	59.18	10.10
0	55	42	5654	225	69.90	8.99
0	55	48	5667	226	6.69	4.40
0	56	0	5691	227	7.08	4.21
0	56	18	5727	234	8.93	3.45
0	56	24	5741	235	2.92	2.31
0	56	31	5754	236	10.48	2.56
0	56	44	5782	239	31.23	6.91
0	56	57	5809	240	14.43	3.31
0	57	3	5821	241	15.48	5.09
0	57	15	5846	244	8.78	5.22
0	57	43	5904	253	9.04	2.78
0	57	59	5936	255	24.23	4.76
0	58	8	5954	259	7.49	3.40
0	58	14	5967	260	15.01	5.52
0	58	23	5986	261	6.43	3.21
0	58	32	6004	263	13.98	3.54
0	58	36	6013	264	8.11	3.09
0	58	49	6039	267	6.71	3.73
0	58	54	6049	268	10.35	3.34
			0		0.00	0.00
0	45	13	4356	38	46.67	15.48
0	45	21	4374	39	45.75	10.58
0	46	29	4514	44	53.76	11.81
0	46	57	4571	47	33.88	10.43
0	47	17	4612	49	545.39	144.23
0	47	48	4677	52	61.52	15.42
0	49	18	4861	59	645.42	158.14
0	51	14	5101	74	148.15	33.53
0	51	31	5136	76	99.13	25.00
0	55	35	5640	120	30.96	12.67
0	55	55	5681	123	59.47	14.44
0	56	40	5774	127	102.73	20.88
0	56	50	5793	128	671.00	141.55
0	57	40	5897	136	89.01	19.17
0	57	48	5913	137	53.48	15.64
0	58	6	5951	139	2469.68	467.29
0	58	21	5981	140	20.72	10.81
0	58	26	5992	141	43.14	14.24
0	58	41	6022	142	54.48	13.35
0	58	56	6054	144	177.17	39.33
0	59	10	6082	145	1566.83	230.19
0	59	43	6151	147	1426.87	222.50
0	59	58	6181	148	636.32	98.33
1	0	8	6202	149	174.20	46.00
1	0	26	6239	152	35.27	12.75
1	0	34	6256	153	176.52	33.52
1	1	2	6313	155	1702.88	264.78
1	1	19	6349	156	133.59	22.85
1	1	40	6392	160	17.28	9.90
1	2	7	6447	164	405.51	77.54
1	2	38	6512	167	24.51	12.37
1	3	44	6648	178	22.18	9.51

231.1174

Figure 11.2

AROMATIC MASS FRAGMENTOGRAMS

DEPTH: 2567.0m

SAMPLE NO.: 2H 63

Total Ion Current

M/Z 178

M/Z 192

M/Z 206

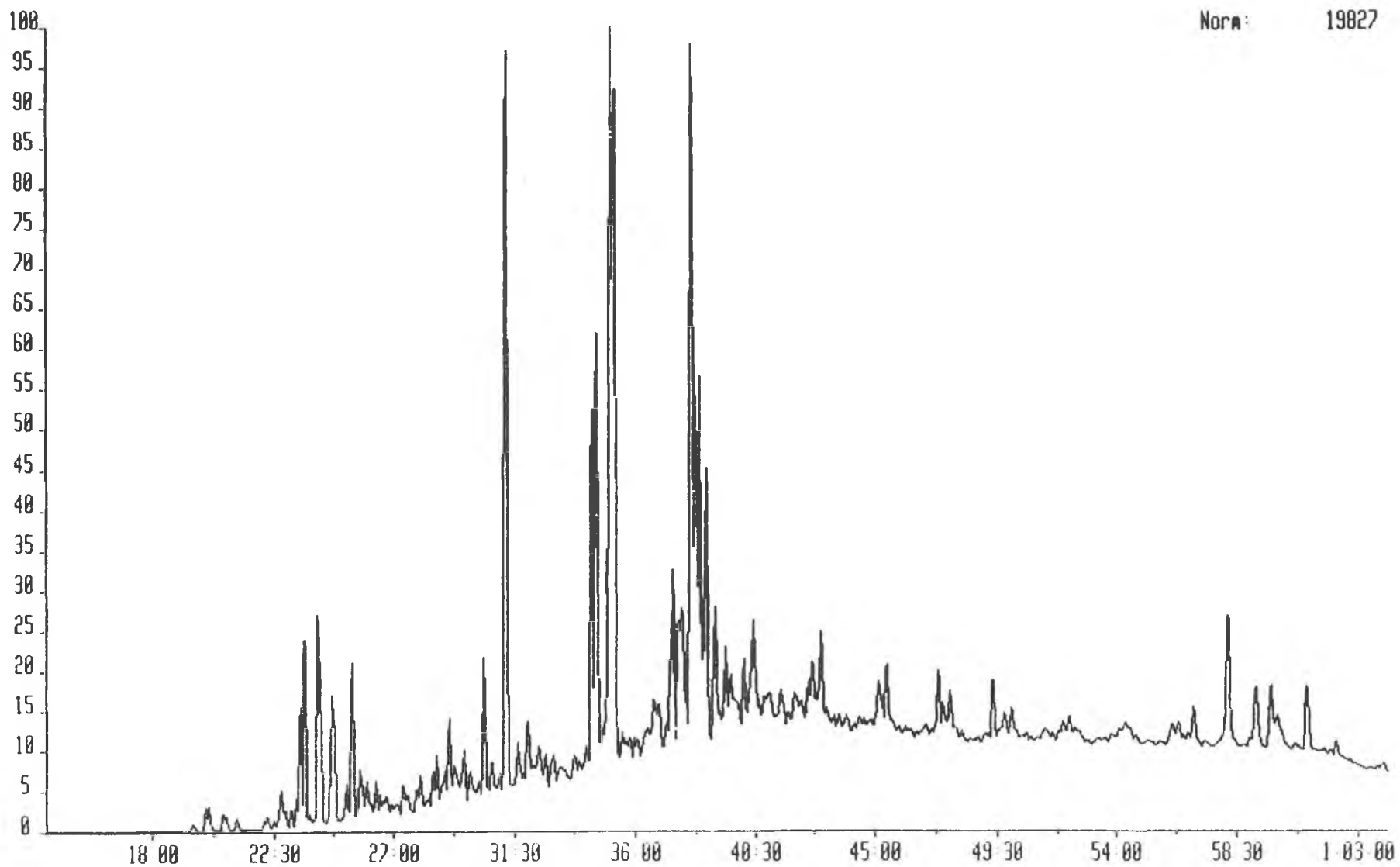
M/Z 231

M/Z 253

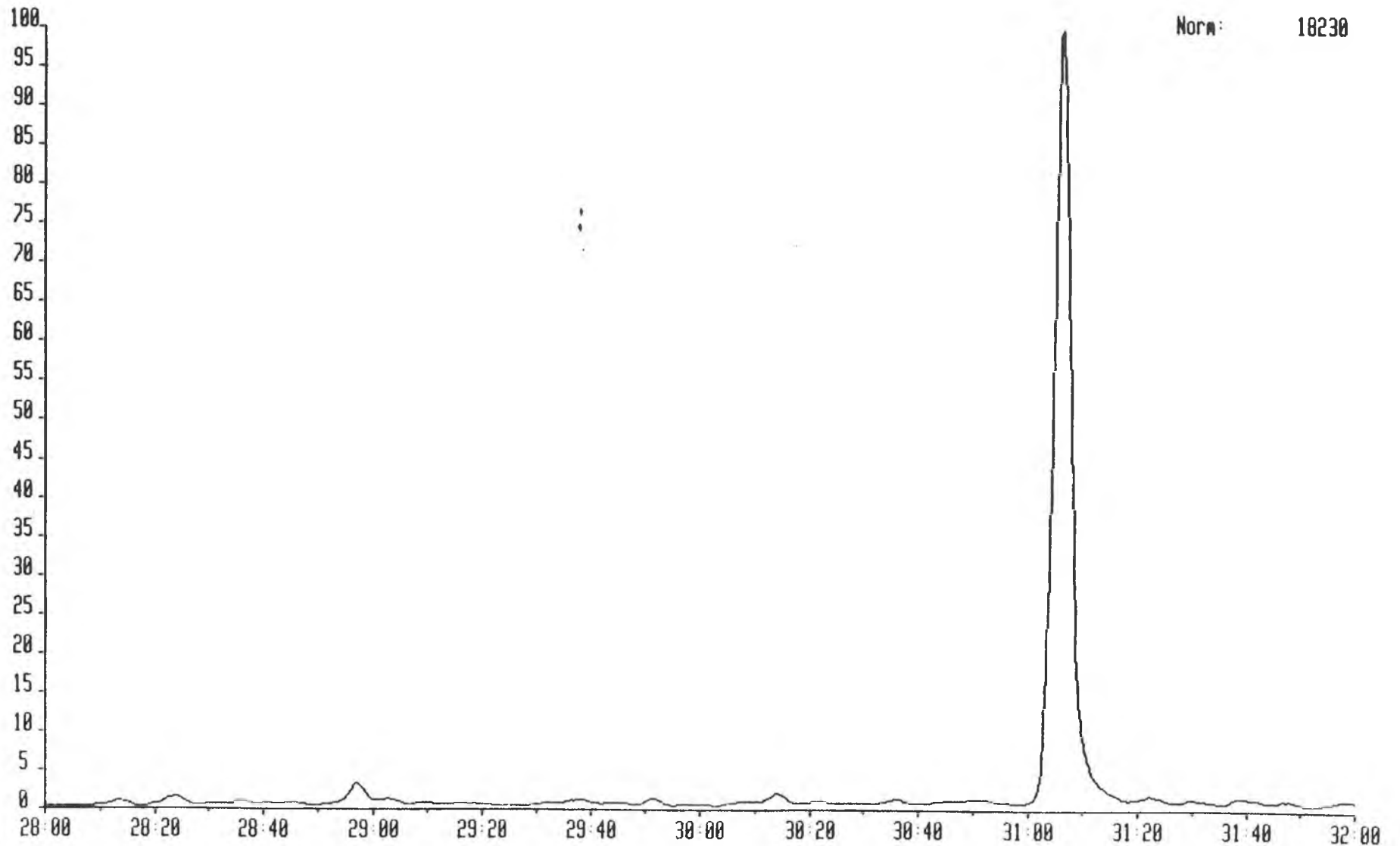
Quantification data

B 5-OCT-92 Sys: Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 TOTAL ION CURRENT
Text: 92H 63 AROMATICS

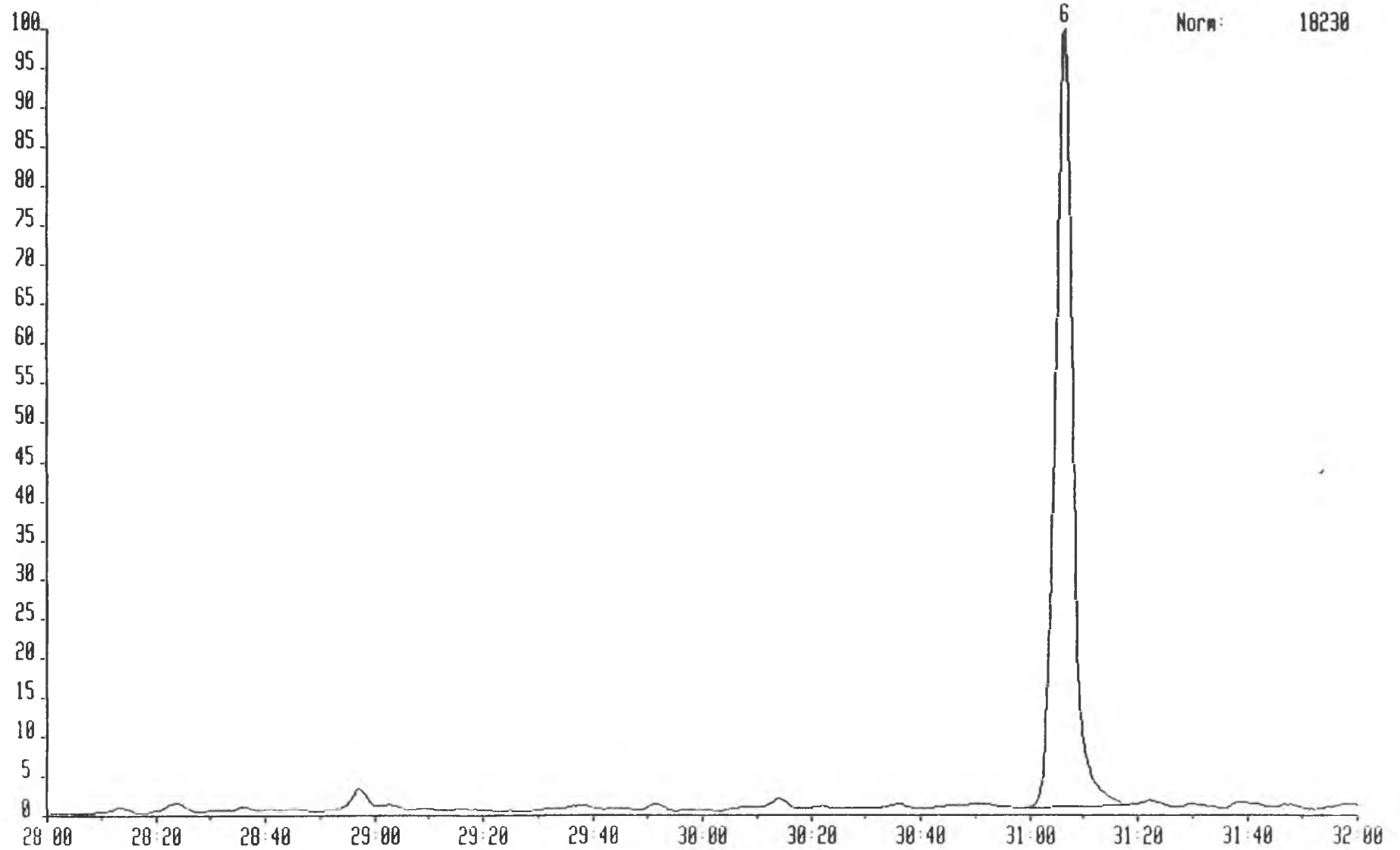
Norm: 19827



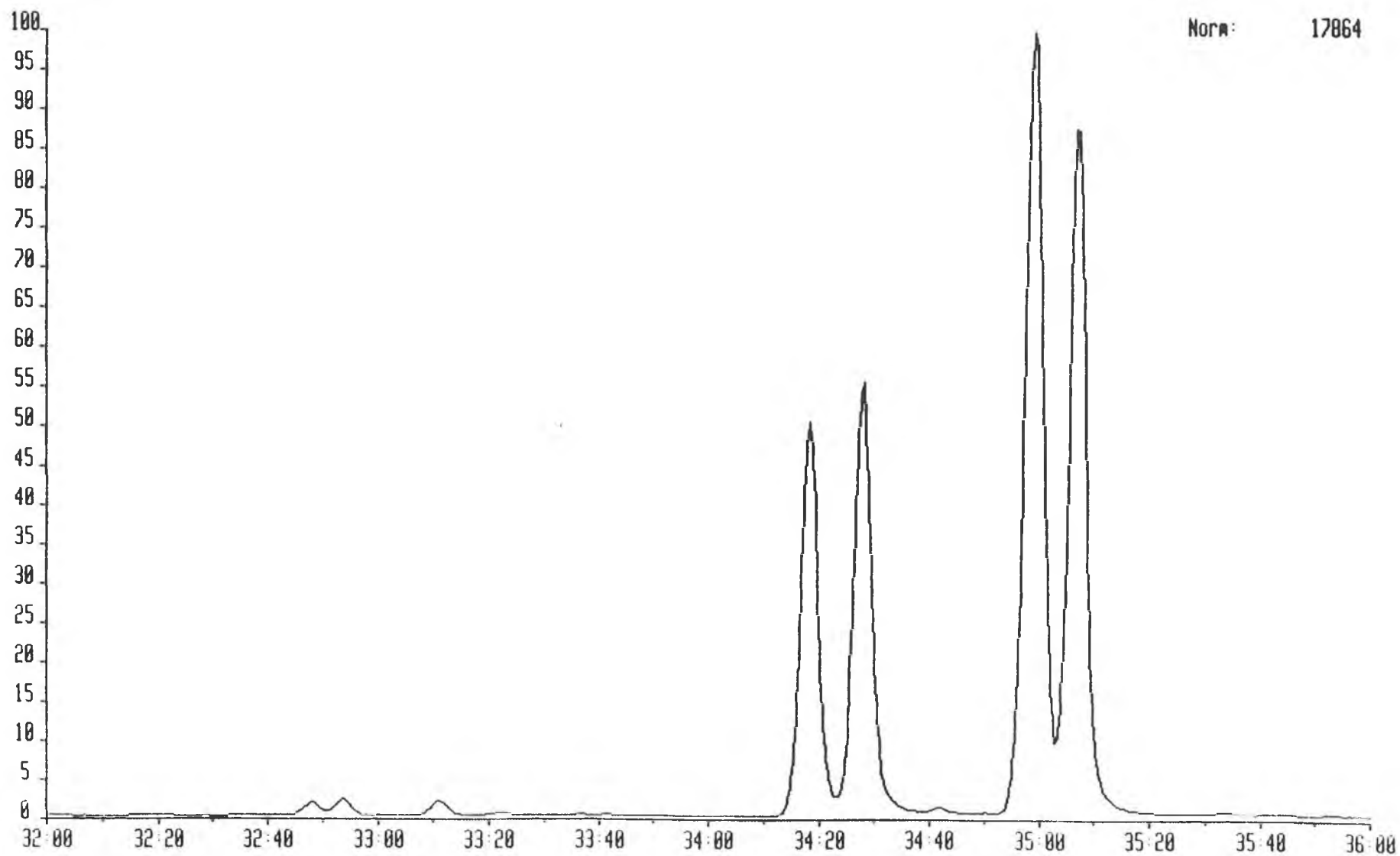
665GW 5-OCT-92 Str:Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 178.0782
Text: 92H 63 AROMATICS



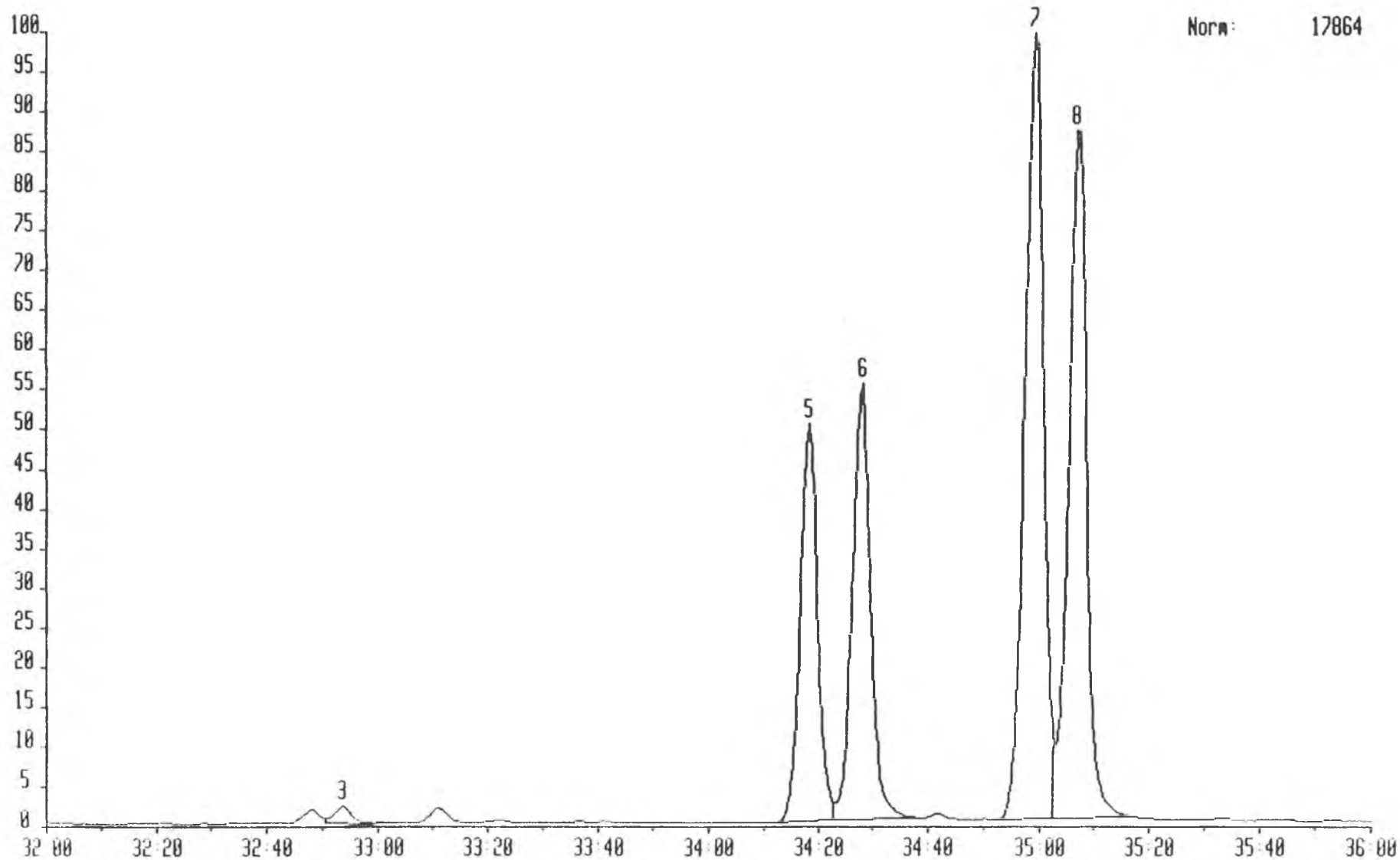
6656W 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 170.0782
Text:92H 63 AROMATICS



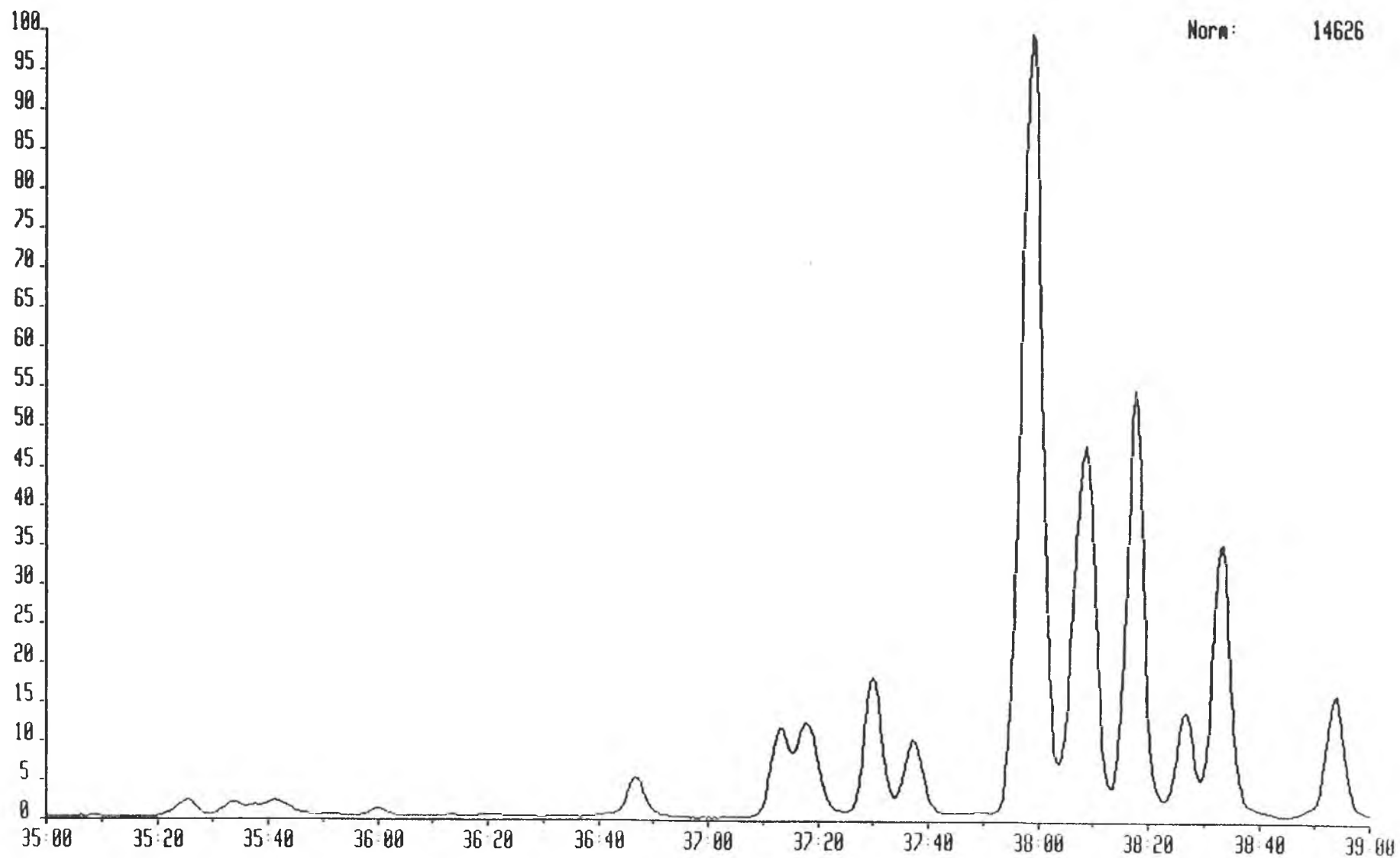
6656W 5-OCT-92 Sir:Voltage 70H Sys: ARD
Sample 3 Injection 1 Group 1 Mass 192.0928
Text:92H 63 AROMATICS



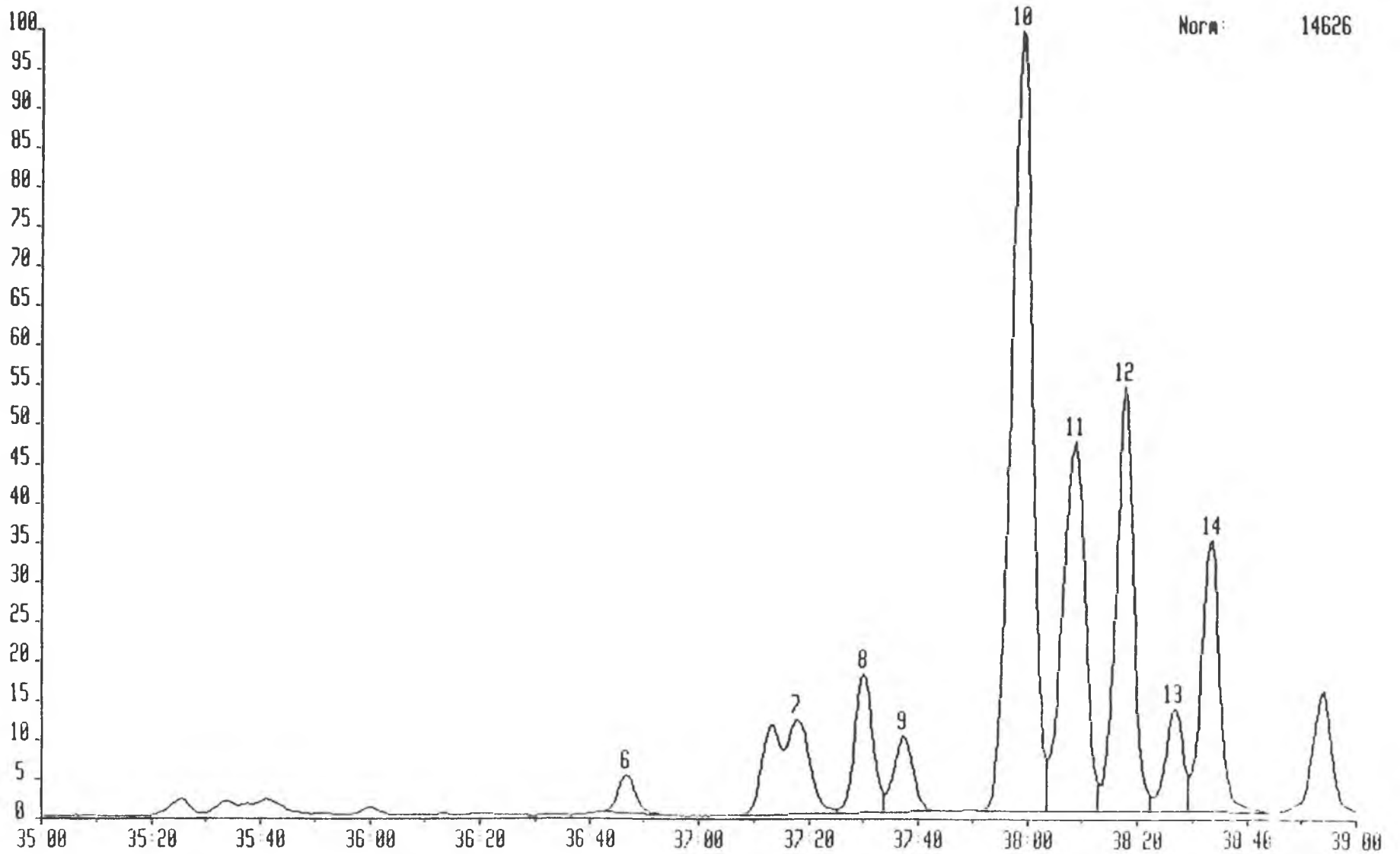
6656W 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 192.0928
Text: 92H 63 AROMATICS



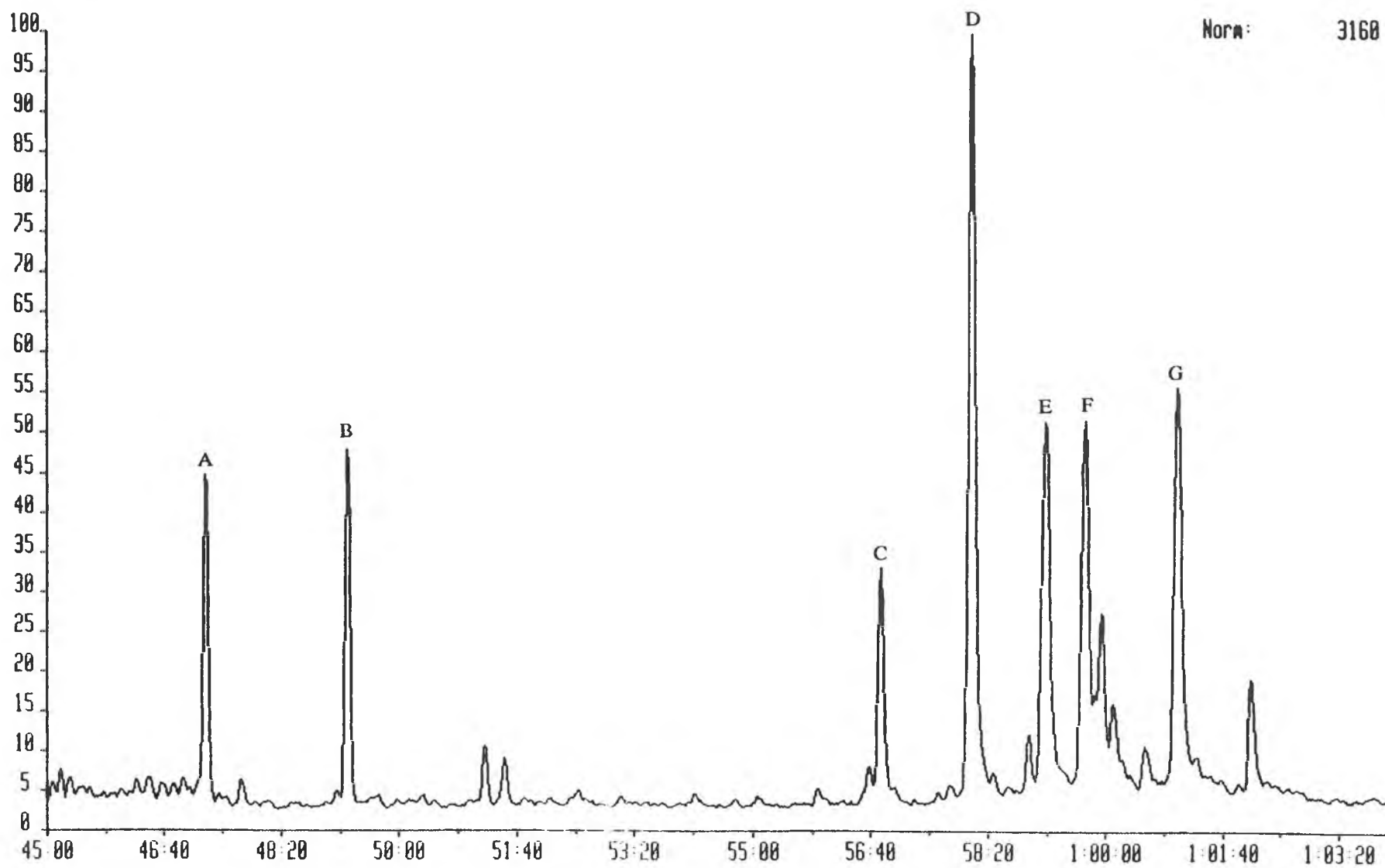
6656W 5-OCT-92 Sir:Voltage 78H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 206.1000
Text:92H 63 AROMATICS



6656W 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 206.1000
Text:92H 63 AROMATICS

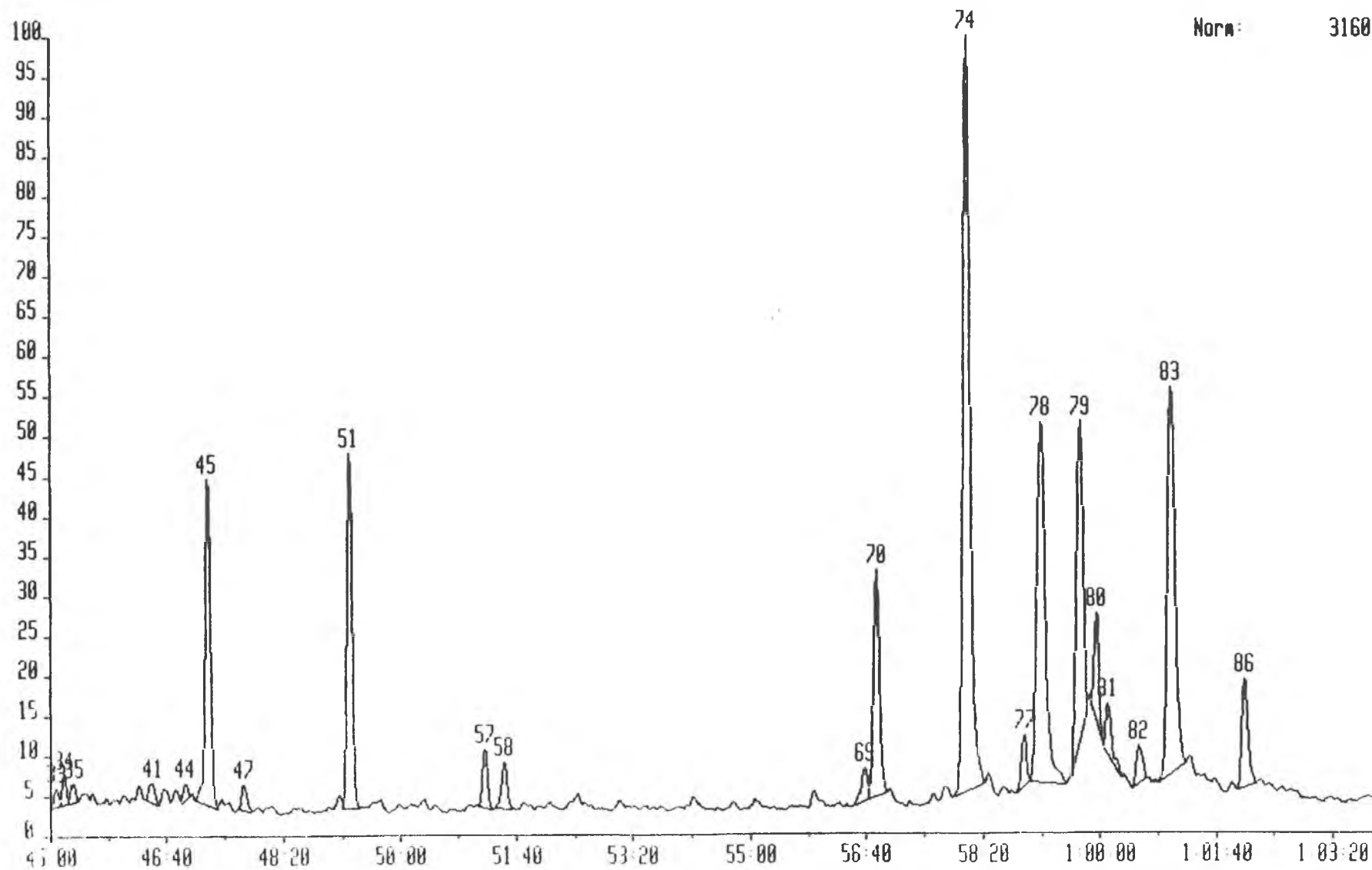


665GM 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 231.1174
Text:92H 63 AROMATICS

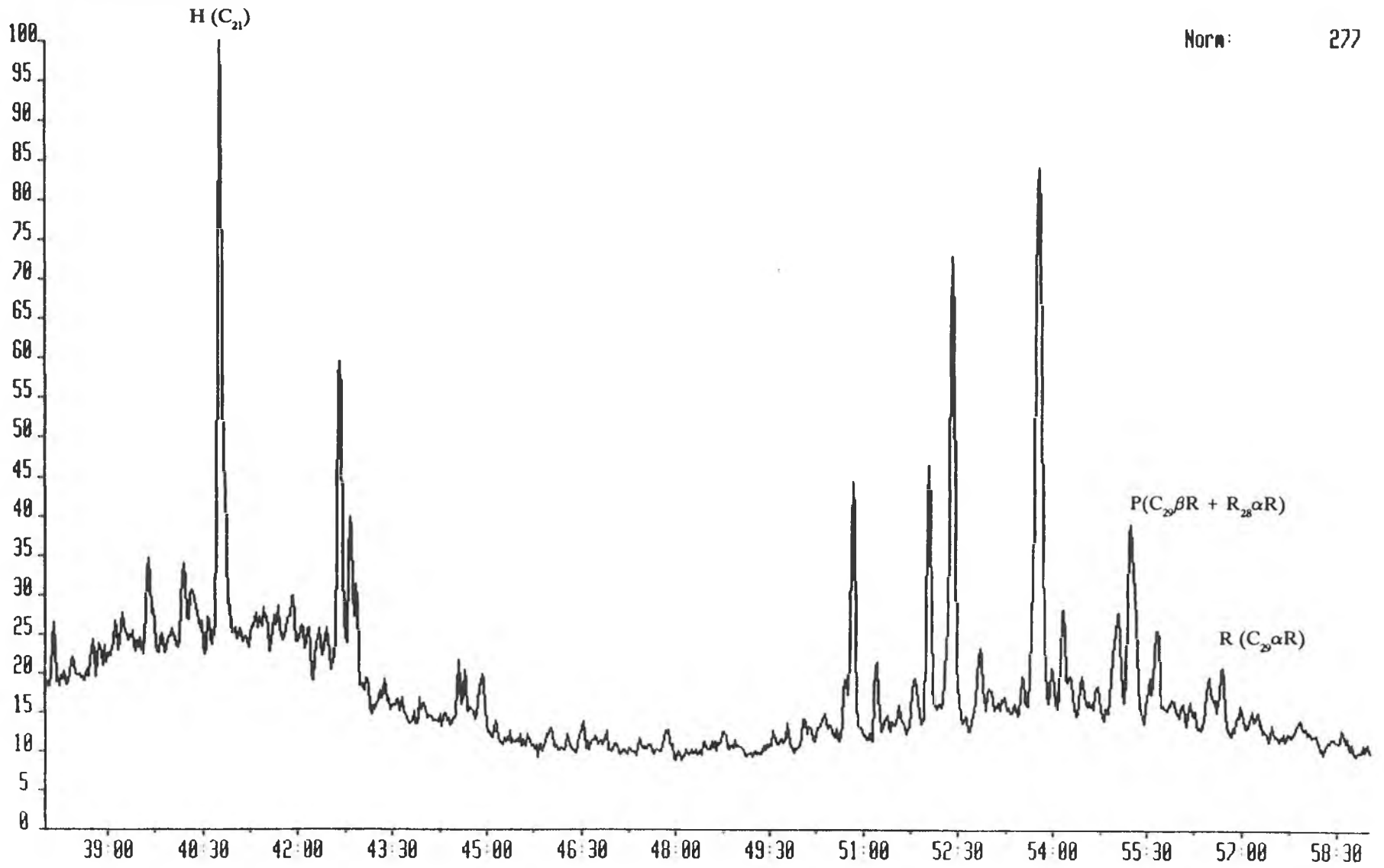


Norm: 3160

6656W 5-OCT-92 Sir Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 231.1174
Text: 92H 63 AROMATICS



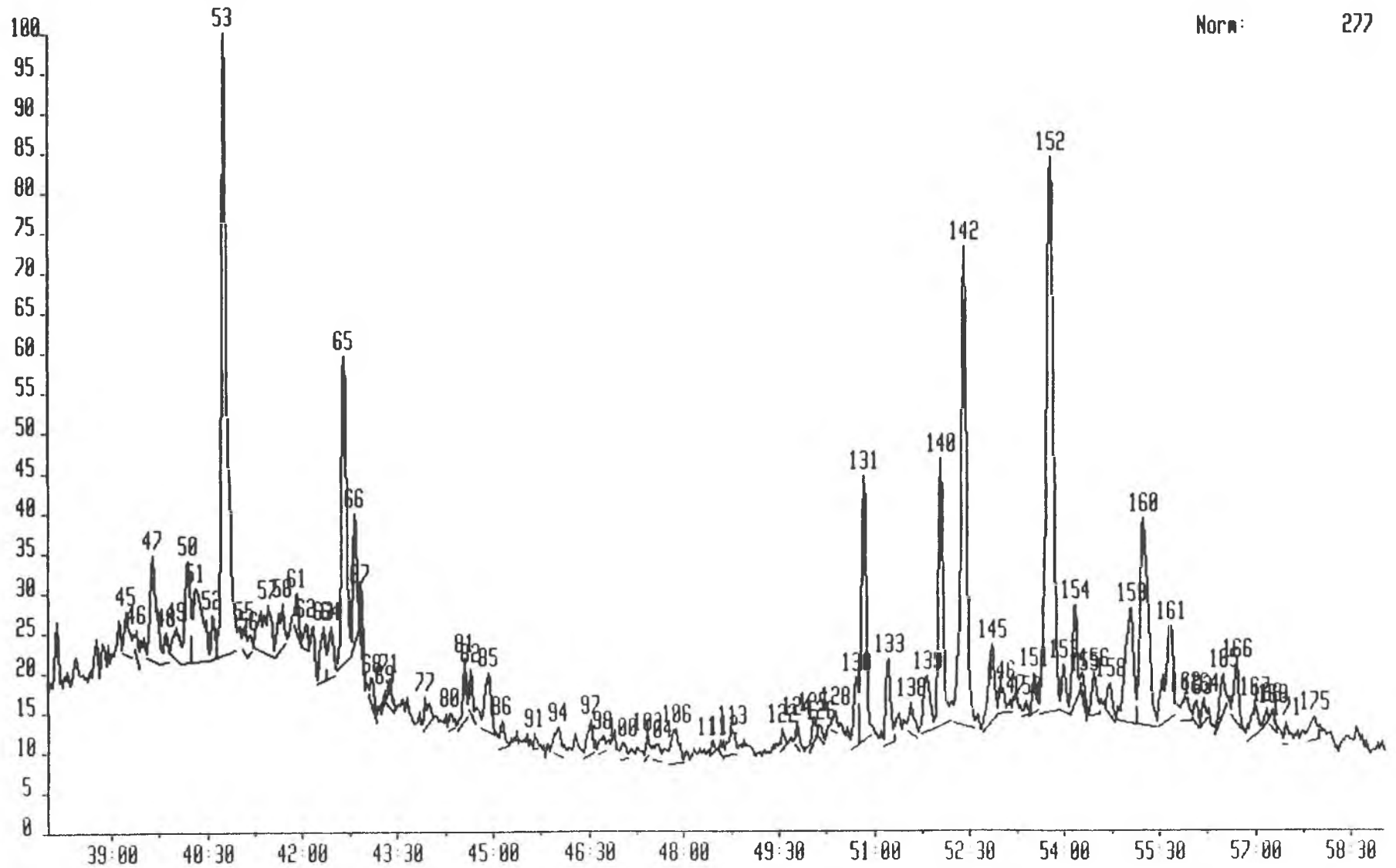
6656W 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 253.1956
Text:92H 63 AROMATICS



Norm: 277

6656W 5-OCT-92 Str:Voltage 70H Sys: ARO
Sample 3 Injection 1 Group 1 Mass 253.1956
Text:92H 63 AROMATICS

Norm: 277



92H63

Mass =====	Ret. Time =====	Scan =====	No. =====	Peak Area =====	Peak Height =====
142.0782		0		0.00	0.00
156.0939		0		0.00	0.00
	0 19 25	1166	3	830.09	160.11
	0 19 55	1227	4	1875.70	503.97
	0 20 1	1240	5	2151.37	530.27
	0 20 34	1307	6	1264.64	372.46
	0 20 40	1320	7	1125.14	294.57
	0 21 4	1370	8	960.17	250.10
170.1095		0		0.00	0.00
	0 22 5	1494	2	448.76	135.10
	0 22 11	1508	3	664.84	178.57
	0 22 27	1540	4	470.23	142.57
	0 22 36	1558	5	547.67	170.63
	0 22 43	1573	6	2276.70	673.64
	0 22 53	1593	7	2102.81	325.20
	0 23 5	1619	8	1098.21	332.04
	0 23 17	1644	9	2298.82	533.83
	0 23 26	1661	10	8842.81	2546.27
	0 23 35	1681	11	14302.85	3988.85
	0 23 46	1704	12	713.53	196.03
	0 24 5	1742	13	15259.06	4444.69
	0 24 11	1754	14	9205.70	2636.70
	0 24 37	1808	15	20094.25	2728.17
	0 25 9	1874	16	2867.97	726.47
	0 25 22	1901	17	11350.91	3249.44
	0 25 55	1969	19	2663.09	736.35
	0 26 4	1987	20	465.53	135.32
	0 26 16	2013	21	507.93	136.84
	0 26 25	2032	22	1350.13	338.29
	0 26 34	2049	23	938.54	253.74
	0 26 40	2061	24	934.07	254.00
	0 26 46	2075	25	449.51	124.74
	0 26 52	2086	26	383.31	113.24
178.0782		0		0.00	0.00
	0 31 6	2611	6	69608.45	18062.39
184.0344		0		0.00	0.00
	0 30 18	2512	1	13606.38	3574.77
192.0928		0		0.00	0.00
	0 32 54	2833	3	1274.65	380.80
	0 34 18	3007	5	32937.26	8956.79
	0 34 28	3027	6	38058.16	9824.81
	0 34 59	3091	7	68685.26	17726.36
	0 35 7	3107	8	58901.95	15504.77
198.0501		0		0.00	0.00
	0 33 9	2863	1	23130.19	6111.69
	0 33 44	2936	2	11241.54	1812.16
	0 34 20	3010	3	10298.15	2690.56
	0 35 39	3174	4	591.02	165.93
206.1088		0		0.00	0.00
	0 36 47	3313	6	2551.32	695.73
	0 37 18	3377	7	14847.58	1739.89
	0 37 30	3402	8	9828.98	2573.87
	0 37 37	3417	9	5758.84	1397.71
	0 37 59	3461	10	65859.63	14489.78
	0 38 9	3482	11	32686.00	6881.28
	0 38 17	3500	12	29480.38	7916.98
	0 38 27	3519	13	7279.36	1911.54
	0 38 33	3533	14	19716.69	5039.79
253.1956		0		0.00	0.00
	0 39 12	3613	45	67.43	14.82

0 39 22	3634	46	22.64	8.58
0 39 37	3665	47	204.19	36.61
0 39 50	3691	48	36.21	10.42
0 40 0	3711	49	59.03	11.49
0 40 11	3734	50	169.57	35.44
0 40 18	3749	51	245.74	25.80
0 40 34	3781	52	49.99	15.12
0 40 45	3804	53	1059.69	215.53
0 41 4	3843	55	21.54	8.94
0 41 8	3852	56	13.64	6.88
0 41 27	3890	57	171.67	17.35
0 41 40	3917	58	72.65	15.65
0 41 54	3947	61	43.78	14.57
0 42 2	3963	62	31.88	9.10
0 42 19	3998	63	83.78	19.00
0 42 27	4014	64	88.68	17.81
0 42 39	4039	65	438.15	106.31
0 42 49	4059	66	134.11	44.96
0 42 54	4071	67	44.46	16.66
0 43 5	4093	68	37.93	9.33
0 43 17	4118	69	7.77	4.33
0 43 22	4127	71	23.50	9.46
0 43 55	4197	77	31.32	10.67
0 44 19	4246	80	19.67	6.10
0 44 33	4275	81	60.59	21.11
0 44 38	4285	82	41.70	15.82
0 44 55	4320	85	111.22	20.64
0 45 8	4346	86	40.10	9.63
0 45 38	4408	91	11.10	5.42
0 46 1	4455	94	41.89	9.66
0 46 30	4516	97	49.91	12.05
0 46 42	4540	98	25.03	5.89
0 47 1	4579	100	20.77	5.84
0 47 24	4627	103	14.06	6.98
0 47 33	4646	104	26.27	5.87
0 47 51	4683	106	86.40	11.91
0 48 25	4753	111	11.02	4.67
0 48 36	4775	112	12.06	5.88
0 48 45	4794	113	51.93	8.27
0 49 32	4891	122	15.40	7.12
0 49 46	4920	124	21.79	9.31
0 50 1	4951	125	26.40	9.02
0 50 8	4965	126	15.92	4.98
0 50 21	4992	128	18.10	6.93
0 50 41	5033	130	103.65	24.02
0 50 48	5048	131	409.84	91.97
0 51 11	5096	133	122.48	29.87
0 51 33	5140	138	40.29	10.55
0 51 48	5171	139	114.95	19.57
0 52 0	5197	140	425.96	92.87
0 52 22	5242	142	887.90	166.19
0 52 49	5297	145	157.79	26.86
0 52 58	5315	146	45.05	9.79
0 53 8	5336	147	8.54	4.50
0 53 22	5366	150	11.23	5.06
0 53 30	5381	151	43.68	13.86
0 53 45	5412	152	1359.30	192.80
0 53 58	5439	153	60.31	16.51
0 54 9	5461	154	149.09	34.01
0 54 16	5477	155	27.79	7.46
0 54 26	5497	156	64.00	14.44
0 54 41	5529	158	47.45	10.84
0 55 1	5570	159	326.64	40.09
0 55 13	5594	160	591.68	71.81
0 55 39	5647	161	249.23	32.24
0 55 53	5677	162	48.07	8.14

231.1174

0	56	4	5699	163	26.57	8.08
0	56	10	5712	164	20.67	8.32
0	56	29	5750	165	64.87	13.64
0	56	41	5775	166	95.04	20.15
0	56	58	5811	167	74.32	11.46
0	57	10	5835	168	10.52	4.57
0	57	14	5844	169	25.94	6.65
0	57	27	5870	171	17.43	7.88
0	57	53	5924	175	46.40	8.48
			0		0.00	0.00
0	45	4	4338	33	288.94	73.82
0	45	11	4352	34	400.16	117.67
0	45	19	4369	35	324.92	74.66
0	46	27	4510	41	380.50	73.97
0	46	55	4568	44	212.14	62.19
0	47	14	4607	45	5689.75	1294.92
0	47	46	4672	47	464.38	100.90
0	49	15	4856	51	6006.93	1411.50
0	51	11	5096	57	984.68	231.21
0	51	28	5130	58	878.03	181.02
0	56	38	5769	69	786.08	133.98
0	56	48	5789	70	4642.99	900.88
0	58	4	5947	74	18013.74	3002.50
0	58	54	6050	77	901.23	205.88
0	59	8	6078	78	10985.86	1436.82
0	59	41	6146	79	7675.49	1279.49
0	59	55	6176	80	1799.93	430.97
1	0	5	6197	81	1053.53	207.38
1	0	32	6252	82	801.07	150.88
1	0	59	6308	83	10677.15	1543.96
1	2	3	6440	86	2312.42	430.55

Figure 11.3

AROMATIC MASS FRAGMENTOGRAMS

DEPTH: 2585.0m

SAMPLE NO.: 2H 65

Total Ion Current

M/Z 178

M/Z 192

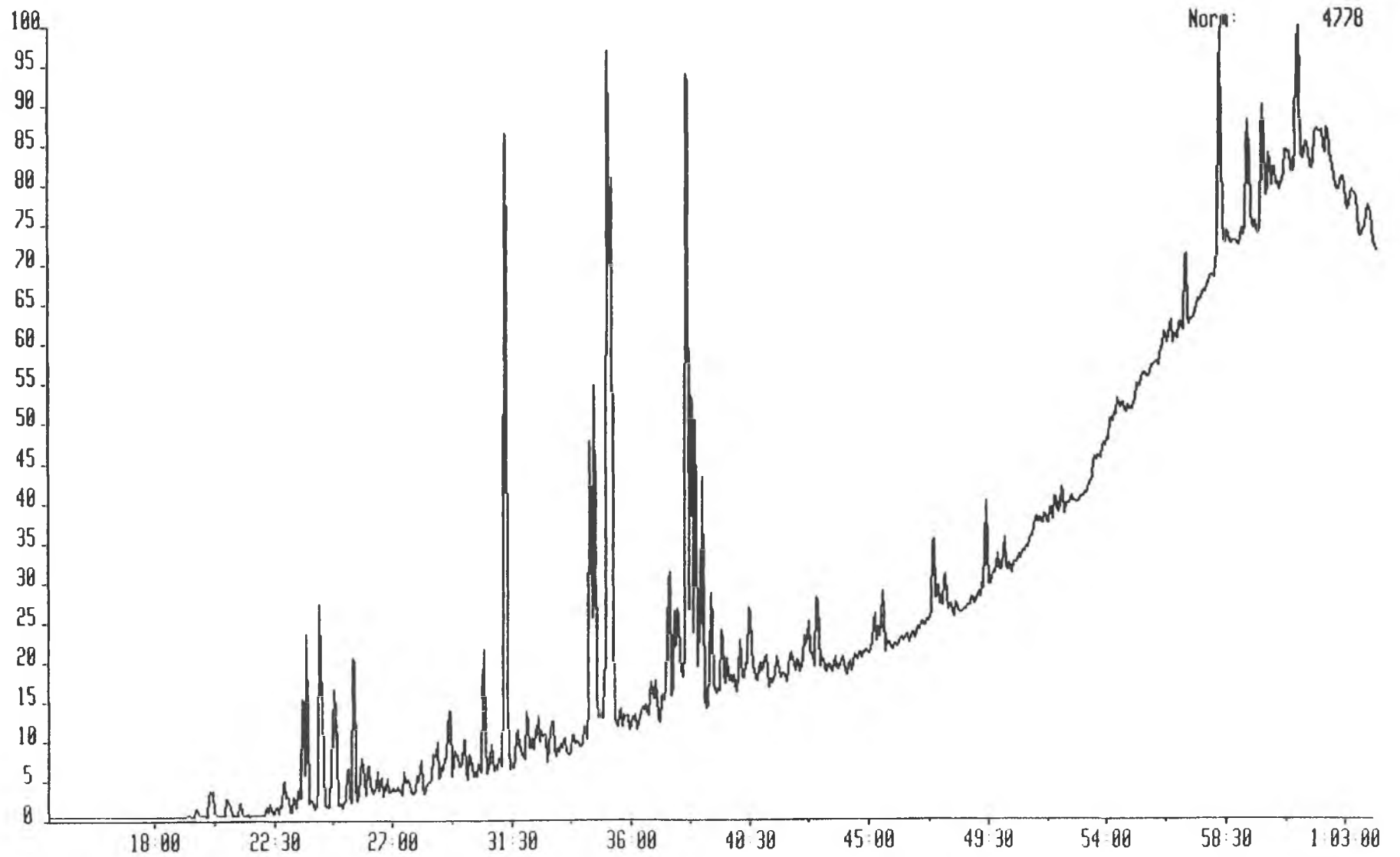
M/Z 206

M/Z 231

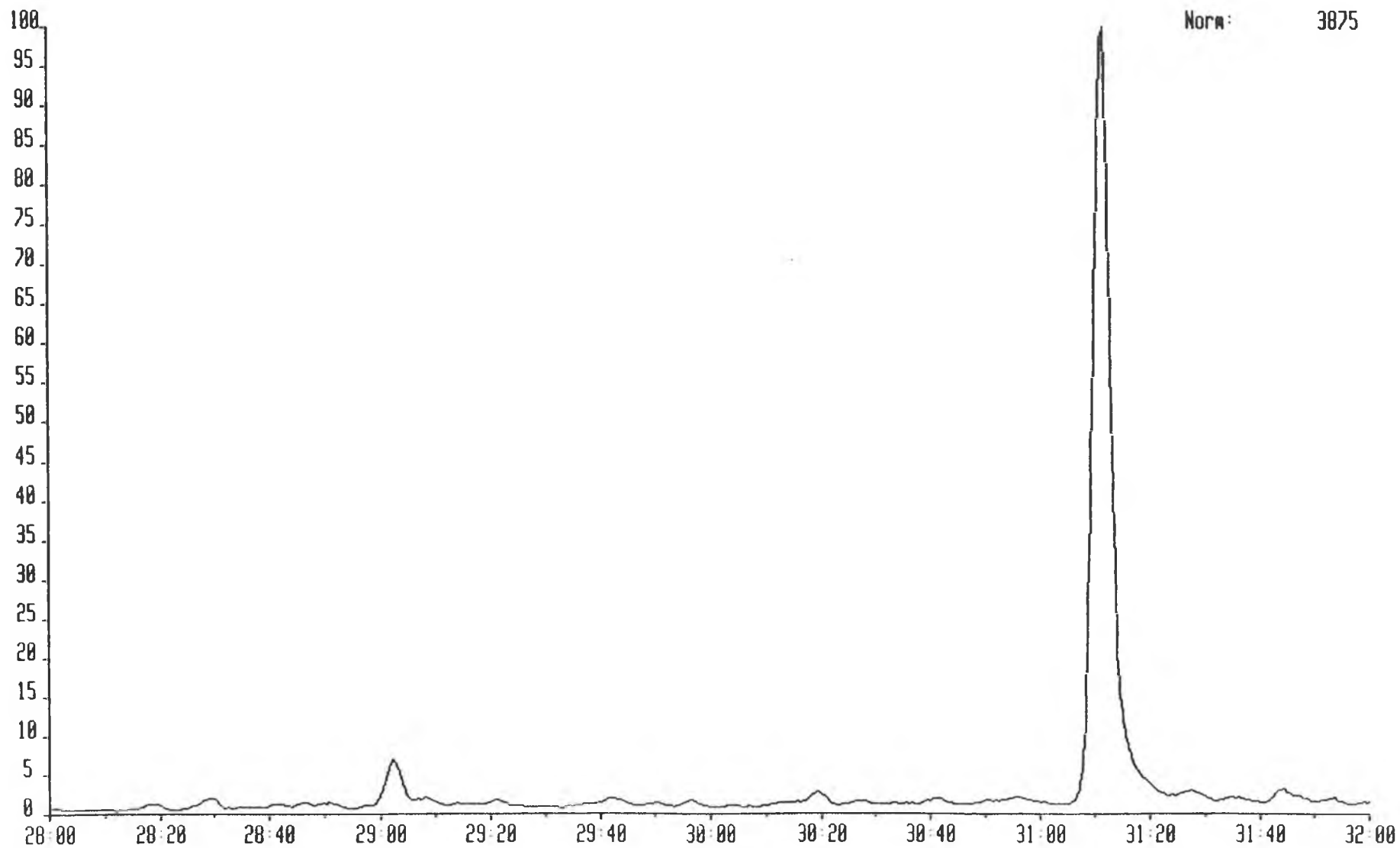
M/Z 253

Quantification data

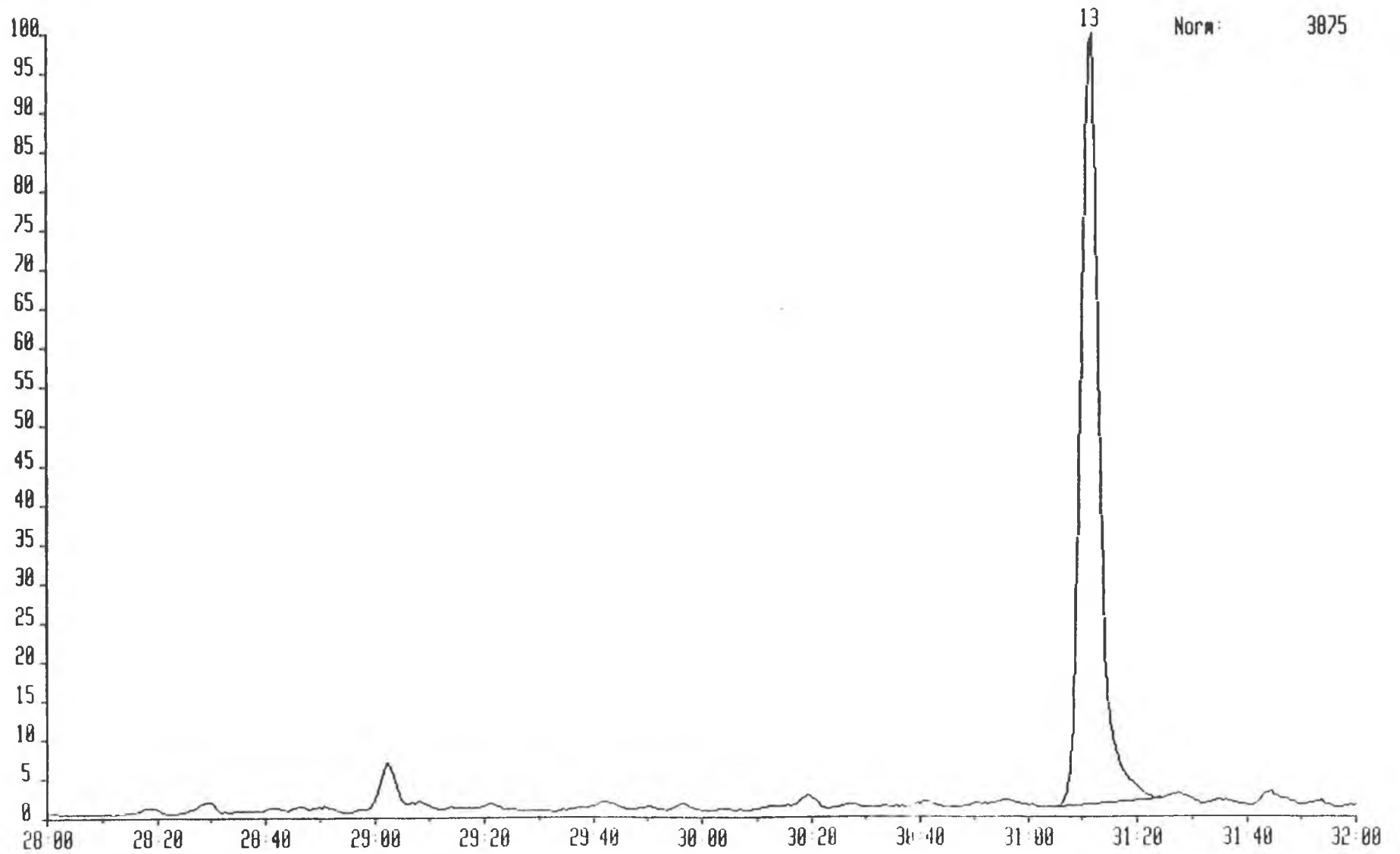
B 3-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 TOTAL ION CURRENT
Text: 92H 65 AROMATICS



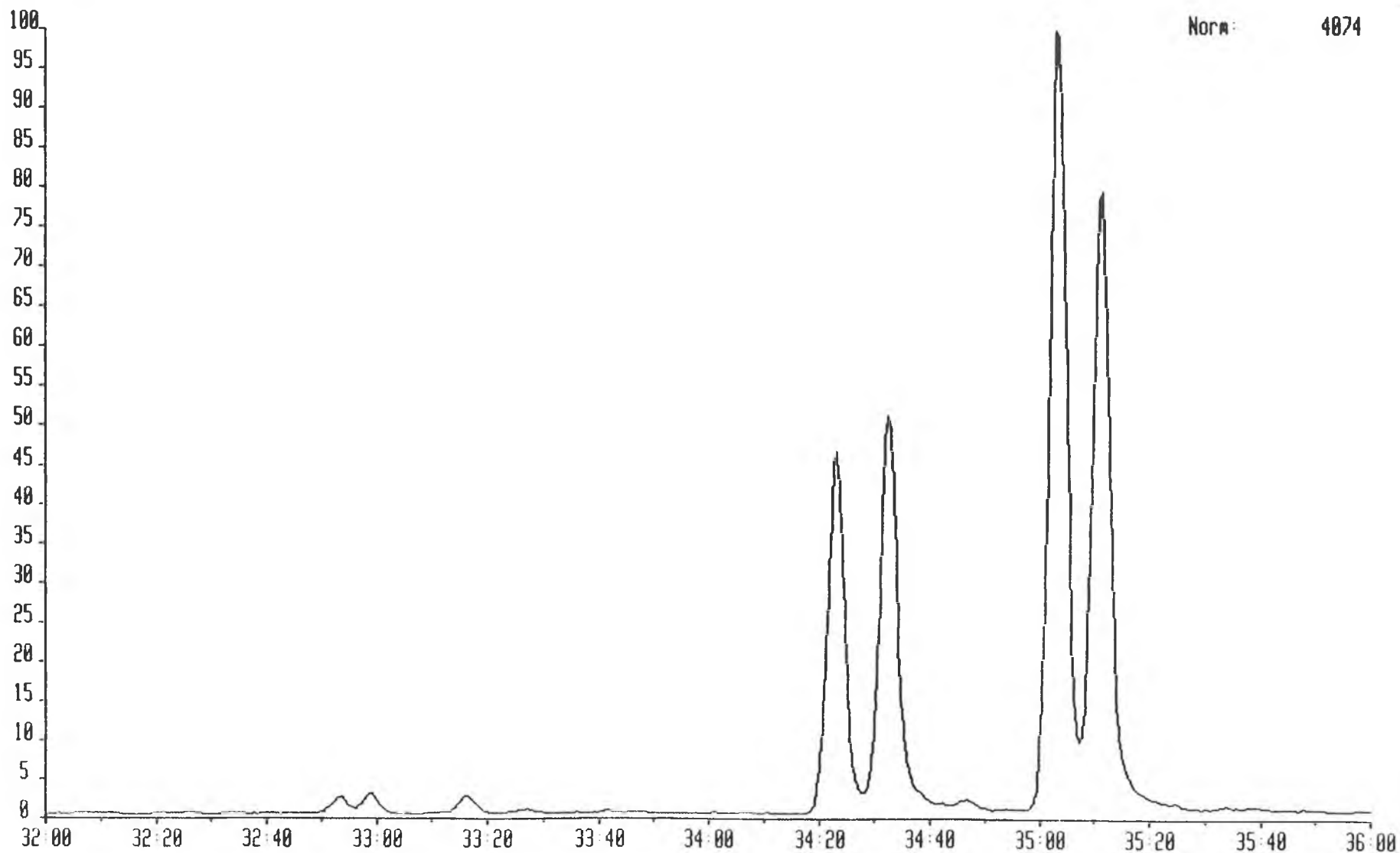
665621 3-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 Mass 170.0782
Text:92H 65 AROMATICS



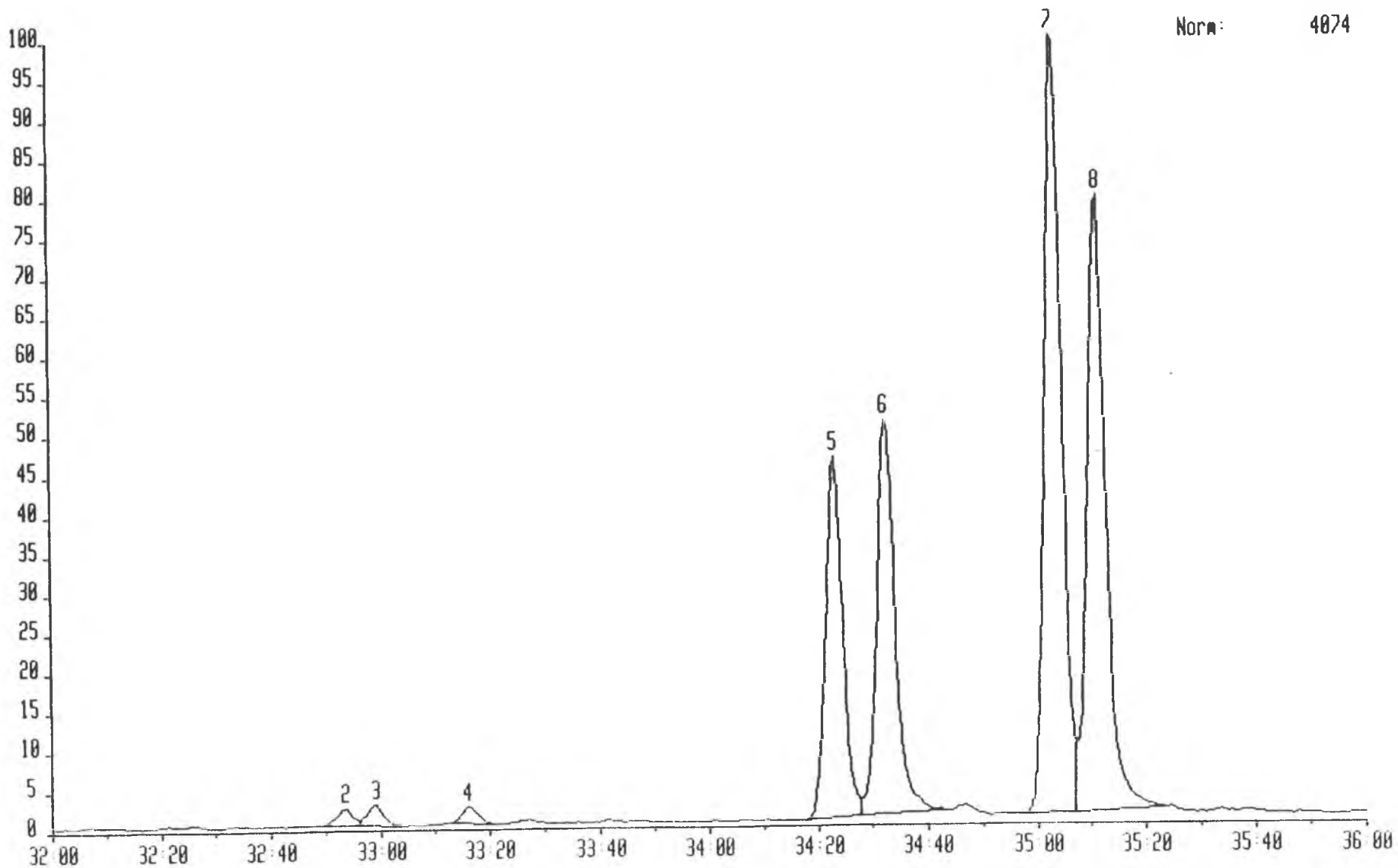
665621 3-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 Mass 170.0702
Text: 92H 65 AROMATICS



665621 3-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 Mass 192.0928
Text: 92H 65 AROMATICS

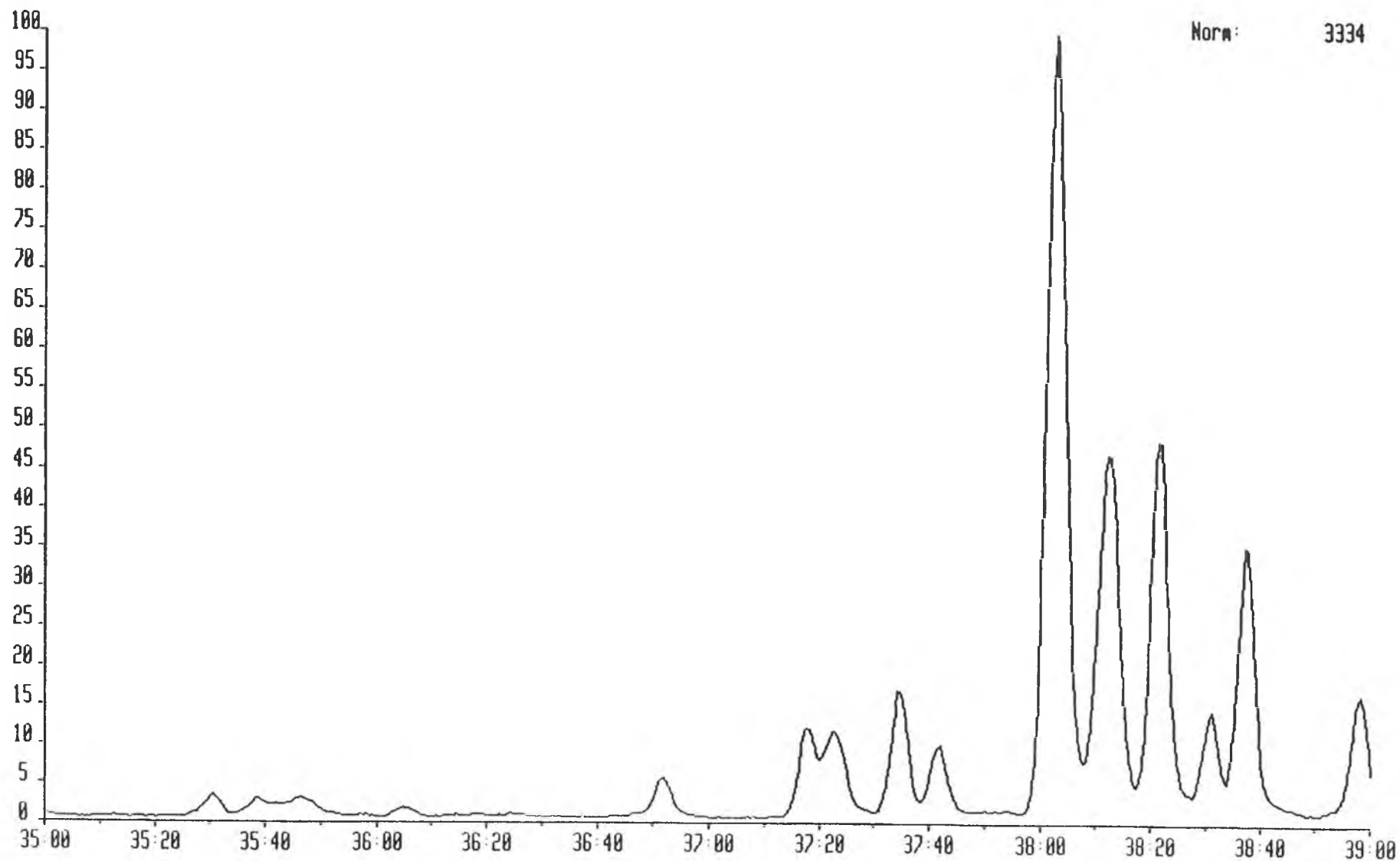


665621 3-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 Mass 192.0928
Text: 92H 65 AROMATICS

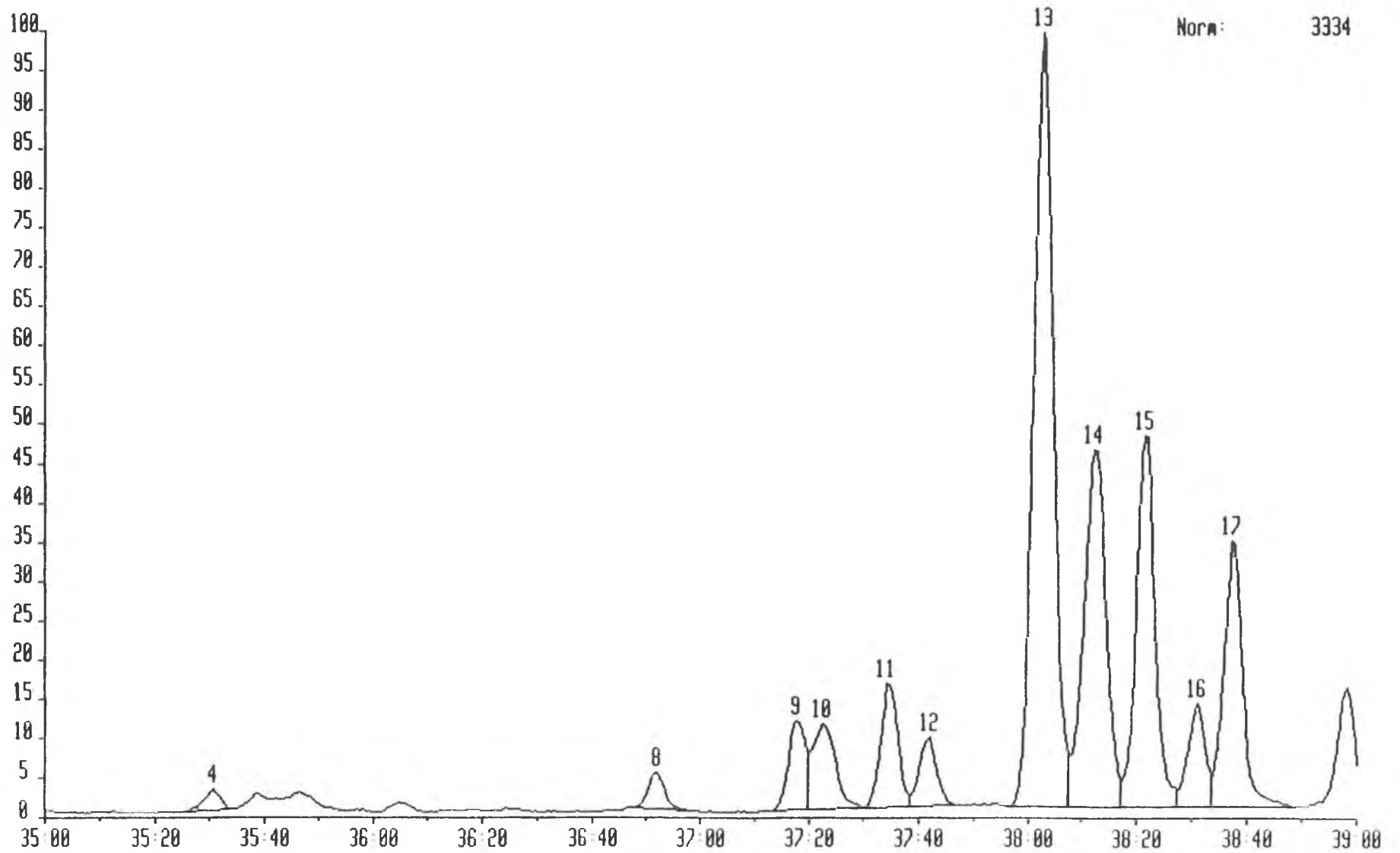


Norm: 4874

665621 3-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 Mass 206.1000
Text: 92H 65 AROMATICS

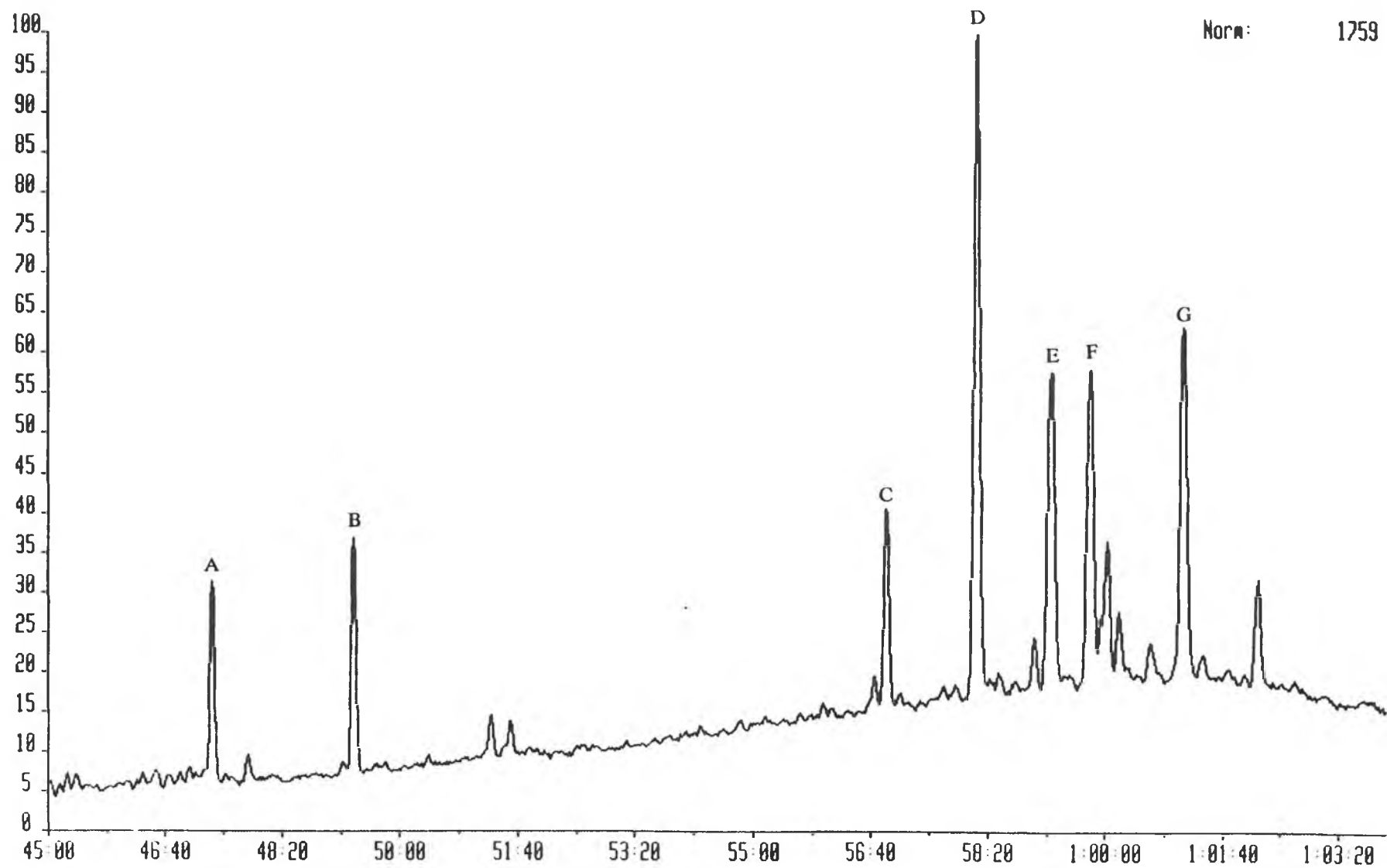


665621 3-OCT-92 Sir:Voltage 70M Sys: ARO
Sample 5 Injection 1 Group 1 Mass 206.1000
Text:92H 65 AROMATICS

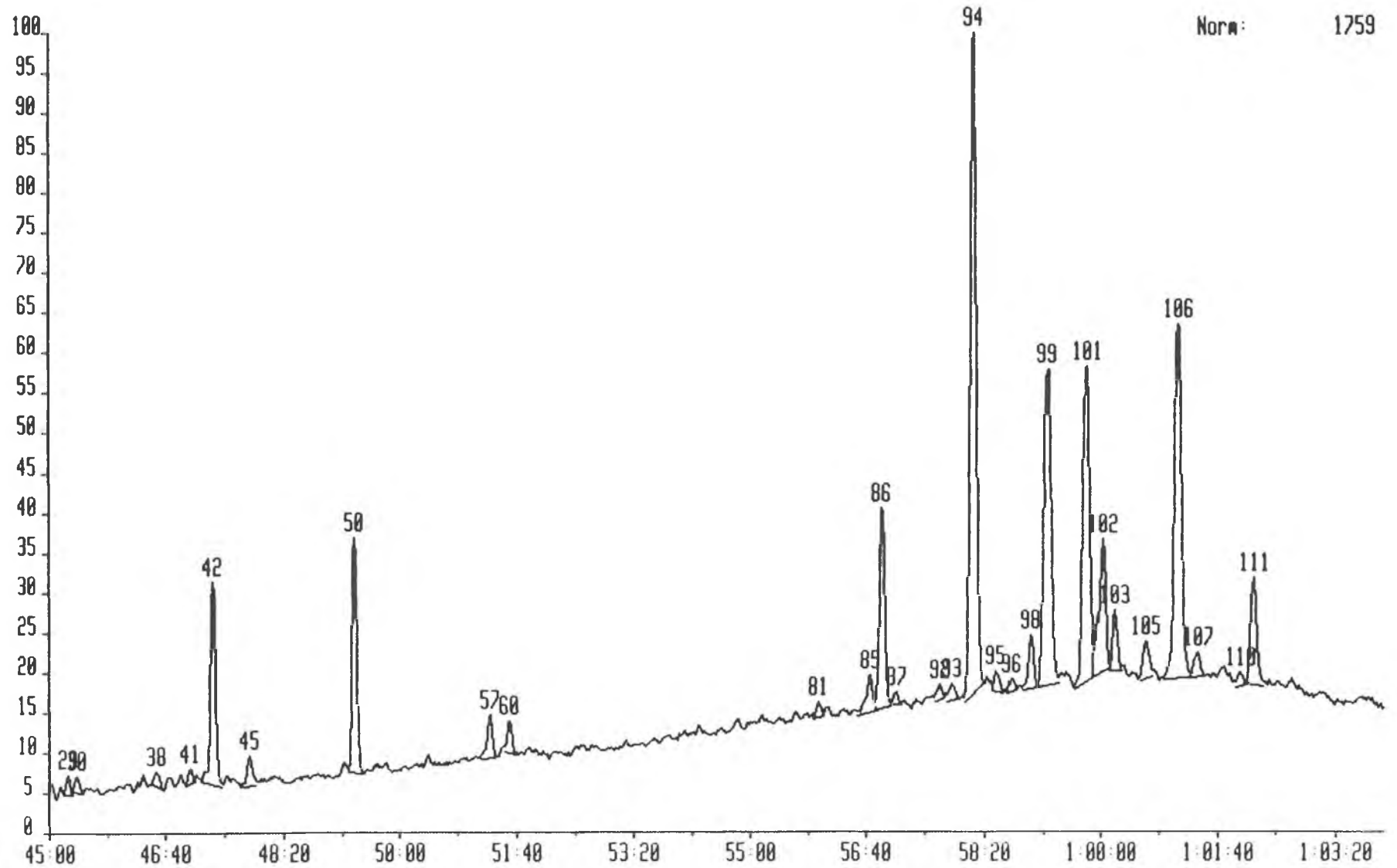


Norm: 3334

665621 3-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 Mass 231.1174
Text:92H 65 AROMATICS

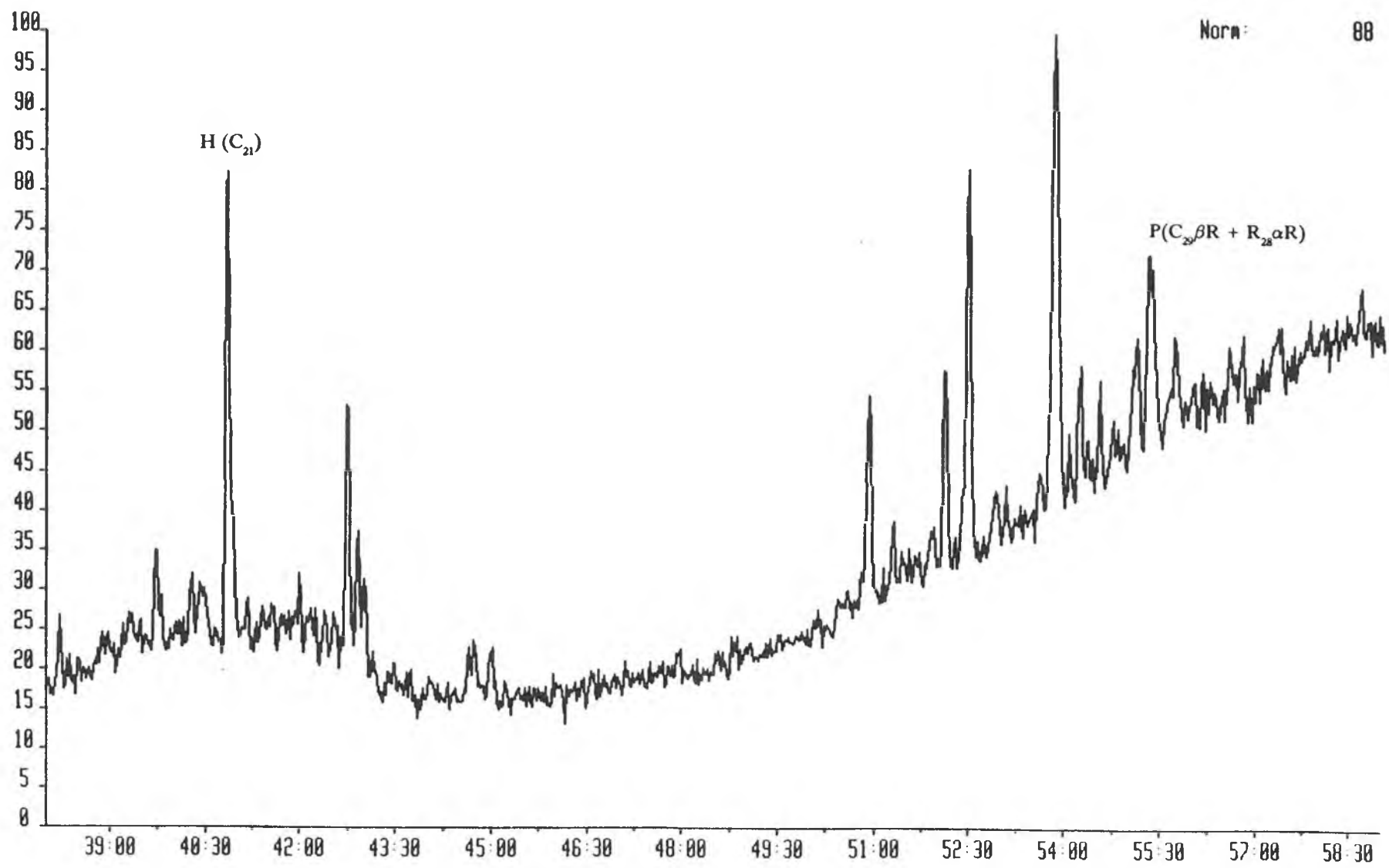


665621 3-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 Mass 231.1174
Text:92H 65 AROMATICS

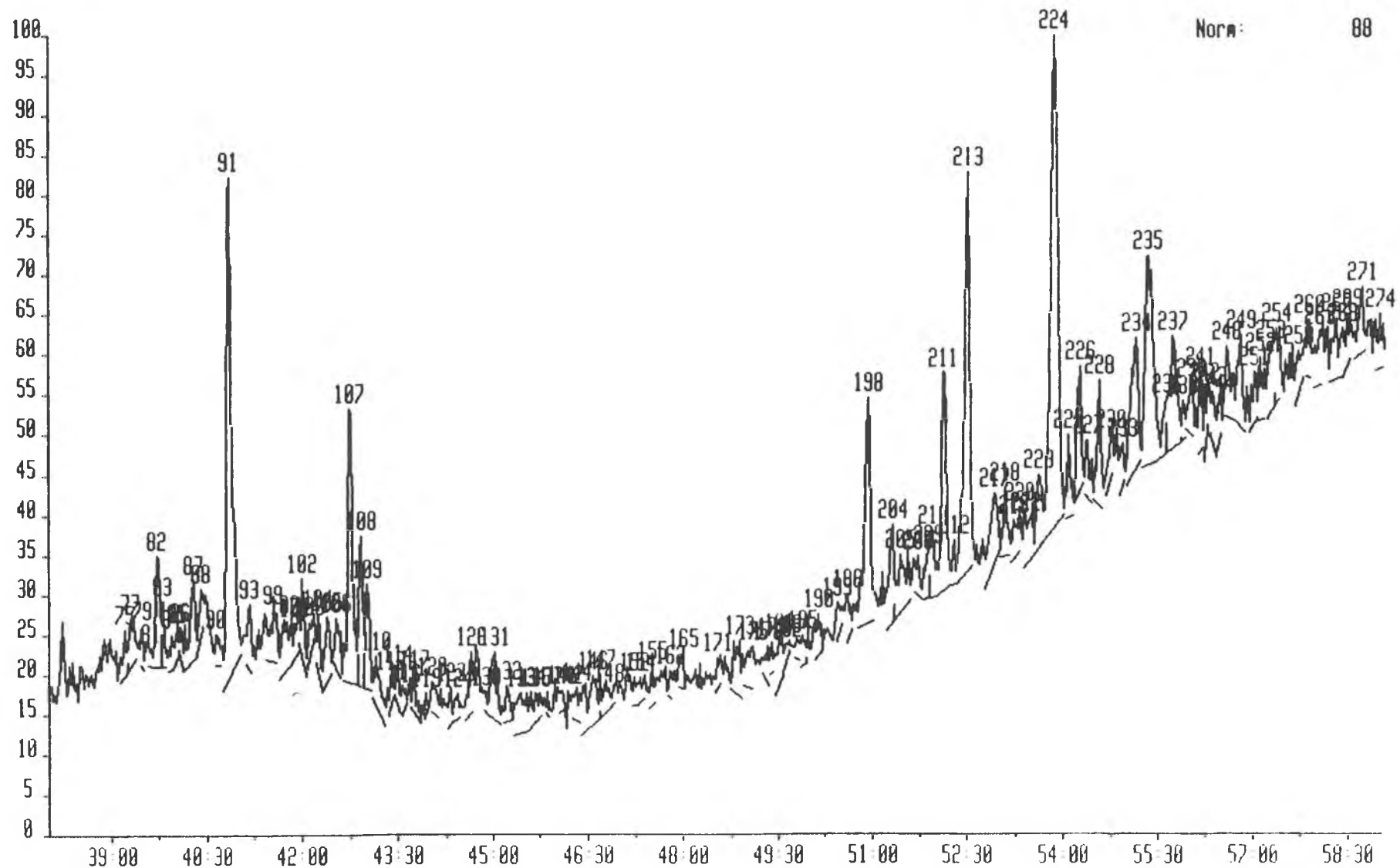


665621 3-OCT-92 Str:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 Mass 253.1956
Text: 92H 65 AROMATICS

Norm: 88



665621 3-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 Mass 253.1956
Text: 92H 65 AROMATICS



92H65

Mass =====	Ret. Time =====	Scan =====	No. =====	Peak Area =====	Peak Height =====
142.0782		0		0.00	0.00
	0 15 43	707	1	15.78	6.60
	0 16 17	778	2	21.97	8.72
156.0939		0		0.00	0.00
	0 19 32	1179	1	206.69	45.34
	0 20 0	1238	2	529.54	138.57
	0 20 7	1252	3	533.82	136.53
	0 20 40	1319	4	309.53	90.78
	0 20 46	1332	5	278.07	70.93
	0 21 10	1381	6	218.35	62.10
170.1095		0		0.00	0.00
	0 22 10	1505	2	107.04	33.94
	0 22 17	1520	3	138.49	40.11
	0 22 33	1552	4	111.07	37.36
	0 22 41	1570	5	136.20	41.36
	0 22 49	1585	6	475.52	143.95
	0 22 58	1605	7	527.90	77.13
	0 23 11	1631	8	270.15	82.44
	0 23 23	1656	9	531.04	117.33
	0 23 31	1673	10	2087.70	587.09
	0 23 41	1692	11	3256.39	922.53
	0 23 52	1716	12	191.75	53.61
	0 24 11	1754	13	3554.11	1069.98
	0 24 16	1766	14	2095.04	571.70
	0 24 43	1820	15	4567.05	620.79
	0 25 14	1885	16	701.72	180.28
	0 25 27	1912	17	2681.90	744.49
	0 26 1	1981	19	656.42	175.71
	0 26 9	1998	20	114.47	36.02
	0 26 22	2025	21	117.41	33.70
	0 26 31	2043	22	343.52	88.92
	0 26 40	2061	23	231.45	64.08
	0 26 45	2072	24	223.20	65.14
	0 26 51	2085	25	120.99	30.56
	0 26 58	2098	26	97.22	30.59
178.0782		0		0.00	0.00
	0 31 11	2621	13	15254.46	3821.21
184.0344		0		0.00	0.00
	0 30 23	2522	1	3264.65	813.62
192.0928		0		0.00	0.00
	0 32 54	2833	2	292.18	86.56
	0 32 59	2844	3	359.56	105.64
	0 33 16	2879	4	300.75	86.82
	0 34 23	3017	5	6733.91	1867.68
	0 34 32	3036	6	7796.02	2044.95
	0 35 3	3099	7	14746.89	4025.25
	0 35 11	3116	8	12535.07	3183.34
198.0501		0		0.00	0.00
	0 33 13	2873	1	5591.33	1469.84
	0 33 49	2947	2	2630.71	411.85
	0 34 25	3020	3	2554.72	697.72
	0 35 44	3184	4	129.60	37.91
206.1088		0		0.00	0.00
	0 35 31	3156	4	304.28	88.55
	0 36 52	3324	8	583.61	156.15
	0 37 18	3377	9	1415.88	378.72
	0 37 23	3387	10	1715.59	365.43
	0 37 34	3411	11	1910.51	524.97
	0 37 42	3427	12	1083.77	288.52
	0 38 2	3469	13	13911.33	3294.39

253.1956

0 38 12	3489	14	7248.65	1525.16
0 38 21	3508	15	6316.39	1583.66
0 38 31	3528	16	1615.37	438.73
0 38 37	3541	17	4446.60	1134.71
	0		0.00	0.00
0 39 12	3612	75	16.48	5.17
0 39 18	3624	77	20.17	5.41
0 39 28	3646	79	9.47	4.64
0 39 37	3663	81	3.62	1.96
0 39 42	3674	82	50.16	12.23
0 39 47	3685	83	14.29	7.23
0 39 56	3703	84	7.95	3.91
0 40 2	3715	85	7.14	3.19
0 40 5	3721	86	8.87	3.42
0 40 17	3747	87	48.50	8.79
0 40 23	3759	88	15.61	5.58
0 40 38	3790	90	8.86	3.56
0 40 50	3814	91	283.33	55.36
0 41 10	3855	93	15.89	7.11
0 41 32	3901	99	30.58	5.67
0 41 42	3922	100	39.41	5.76
0 41 51	3940	101	14.04	3.97
0 41 59	3956	102	21.19	8.57
0 42 5	3969	103	10.79	4.92
0 42 14	3988	104	16.88	6.57
0 42 22	4005	105	27.42	7.08
0 42 30	4021	106	20.71	5.32
0 42 43	4048	107	134.36	30.23
0 42 54	4070	108	60.44	16.72
0 43 0	4082	109	46.76	11.56
0 43 7	4098	110	26.49	5.14
0 43 21	4126	112	7.44	3.89
0 43 28	4141	114	6.47	3.86
0 43 32	4149	115	5.38	3.10
0 43 35	4155	116	4.79	2.32
0 43 43	4172	117	11.55	4.02
0 43 55	4195	119	4.00	2.52
0 44 1	4209	120	10.54	3.33
0 44 19	4245	123	7.79	4.19
0 44 26	4259	124	8.48	2.71
0 44 38	4285	126	21.91	6.84
0 44 53	4315	130	5.00	2.39
0 45 0	4330	131	42.92	7.40
0 45 12	4354	132	14.53	4.04
0 45 26	4384	133	39.97	4.45
0 45 35	4402	134	12.69	4.01
0 45 40	4412	135	9.78	3.18
0 45 51	4435	137	2.22	2.61
0 46 4	4463	141	6.92	2.27
0 46 9	4473	142	-1.63	1.91
0 46 18	4491	144	10.75	3.76
0 46 33	4522	146	52.87	5.43
0 46 41	4538	147	16.14	4.68
0 46 49	4555	148	6.73	2.25
0 47 13	4604	152	8.76	3.23
0 47 18	4615	154	6.26	2.85
0 47 29	4638	155	11.67	4.22
0 47 46	4673	162	5.72	3.04
0 47 59	4699	165	10.05	3.81
0 48 31	4765	171	8.17	3.50
0 48 51	4807	173	30.11	6.14
0 49 3	4832	175	21.66	4.80
0 49 18	4862	178	9.24	3.91
0 49 22	4871	179	6.60	3.53
0 49 29	4884	181	25.14	5.49
0 49 35	4898	182	4.80	2.55

0 49 46	4920	184	5.37	2.21
0 49 51	4931	185	11.42	3.38
0 50 7	4963	190	15.08	4.63
0 50 25	5000	195	9.35	4.09
0 50 35	5020	196	7.10	5.21
0 50 53	5058	198	128.70	25.00
0 51 17	5107	204	45.64	10.96
0 51 25	5123	205	41.29	6.56
0 51 41	5157	208	13.37	4.38
0 51 51	5177	209	20.83	5.43
0 51 55	5186	210	32.89	7.43
0 52 5	5206	211	115.32	24.17
0 52 16	5228	212	10.50	4.95
0 52 28	5254	213	211.96	44.12
0 52 53	5306	217	56.44	7.79
0 53 4	5327	218	23.47	7.58
0 53 11	5342	219	9.08	4.50
0 53 17	5355	220	11.54	4.87
0 53 22	5366	222	32.45	5.55
0 53 36	5393	223	32.15	8.20
0 53 50	5422	224	384.35	54.36
0 54 3	5449	225	24.64	9.22
0 54 13	5471	226	47.42	13.87
0 54 22	5488	227	19.77	6.44
0 54 32	5510	228	42.76	13.98
0 54 43	5533	230	8.01	4.47
0 54 54	5555	233	9.09	4.71
0 55 7	5581	234	95.50	14.44
0 55 18	5604	235	177.34	23.06
0 55 36	5641	236	26.04	6.04
0 55 42	5654	237	80.37	12.40
0 55 52	5674	238	8.77	4.41
0 56 0	5690	239	15.53	5.72
0 56 8	5708	241	22.62	8.82
0 56 13	5717	242	12.10	7.68
0 56 19	5731	243	19.48	5.39
0 56 26	5745	244	9.22	4.48
0 56 33	5759	248	33.03	7.76
0 56 47	5788	249	43.99	10.18
0 56 59	5813	251	18.32	5.71
0 57 6	5826	252	21.47	6.98
0 57 14	5844	253	41.75	7.56
0 57 20	5856	254	19.27	8.37
0 57 41	5899	258	16.36	5.22
0 57 51	5920	260	8.99	6.45
0 58 1	5940	263	21.39	6.10
0 58 15	5970	267	26.72	6.71
0 58 21	5982	268	9.06	5.44
0 58 25	5990	269	17.85	6.02
0 58 39	6019	271	24.47	7.46
0 58 56	6054	274	20.69	6.12
	0		0.00	0.00
0 45 16	4362	29	128.68	41.90
0 45 23	4377	30	149.08	34.12
0 46 31	4518	38	169.65	35.27
0 47 0	4577	41	103.85	33.96
0 47 19	4616	42	1920.61	445.94
0 47 50	4681	45	304.59	68.02
0 49 20	4866	50	2046.51	517.80
0 51 16	5106	57	430.75	96.08
0 51 33	5141	60	251.12	70.11
0 55 59	5688	81	133.57	33.48
0 56 43	5779	85	468.82	80.65
0 56 52	5798	86	2099.70	444.91
0 57 5	5825	87	101.13	29.49
0 57 42	5901	92	132.16	32.33

231.1174

0	57	52	5921	93	183.11	39.39
0	58	9	5957	94	7290.46	1460.38
0	58	28	5997	95	192.91	46.58
0	58	42	6025	96	127.76	30.04
0	58	59	6060	98	524.78	118.03
0	59	12	6087	99	4596.95	700.28
0	59	46	6157	101	4188.09	695.11
1	0	0	6185	102	1820.19	296.76
1	0	10	6207	103	559.33	134.35
1	0	37	6262	105	454.68	83.73
1	1	5	6319	106	4884.77	780.81
1	1	22	6355	107	298.69	54.78
1	1	58	6430	110	136.43	29.59
1	2	9	6452	111	1222.00	236.22

Figure 11.4

AROMATIC MASS FRAGMENTOGRAMS

DEPTH: 2587.5m

SAMPLE NO.: 2H 67

Total Ion Current

M/Z 178

M/Z 192

M/Z 206

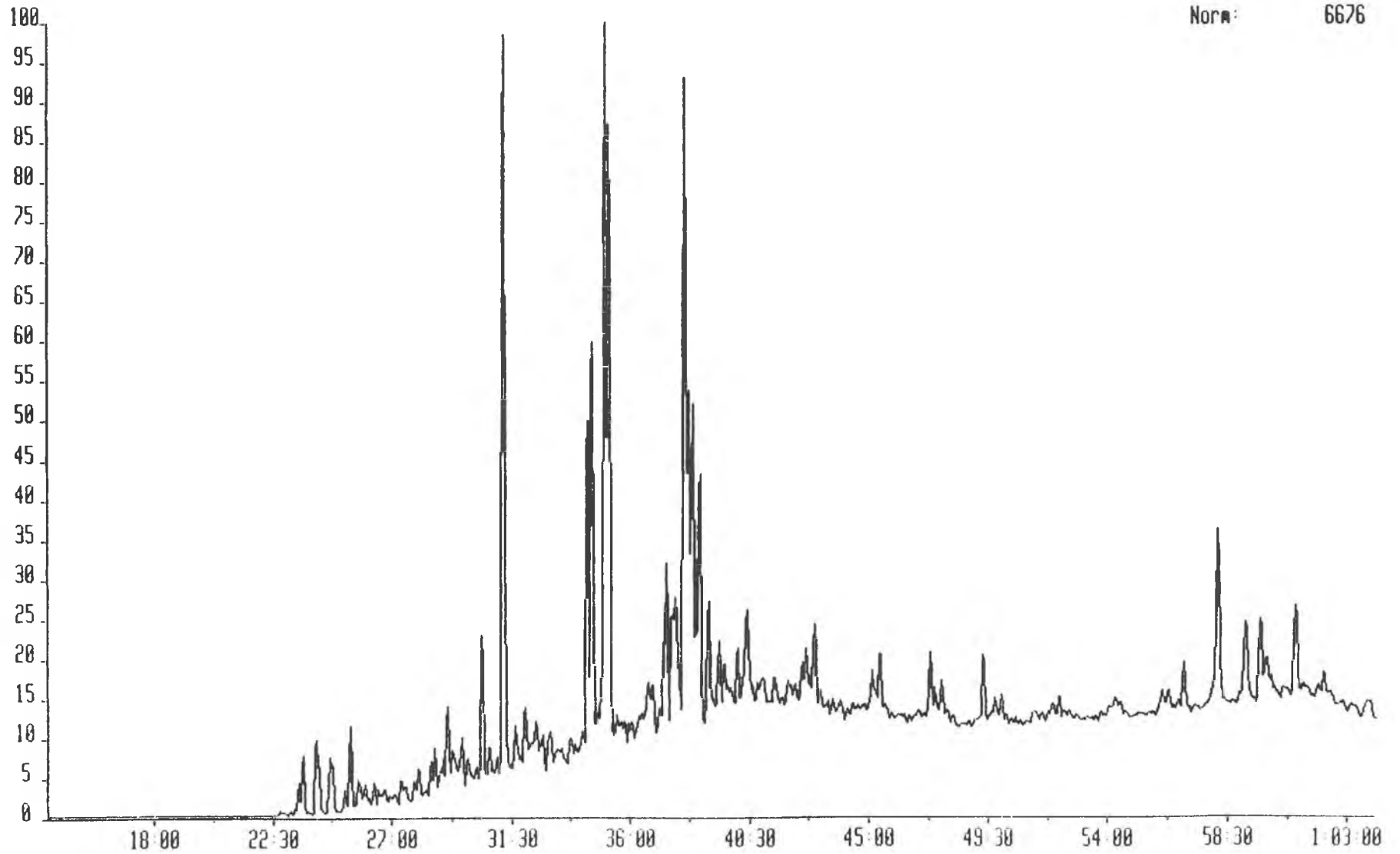
M/Z 231

M/Z 253

Quantification data

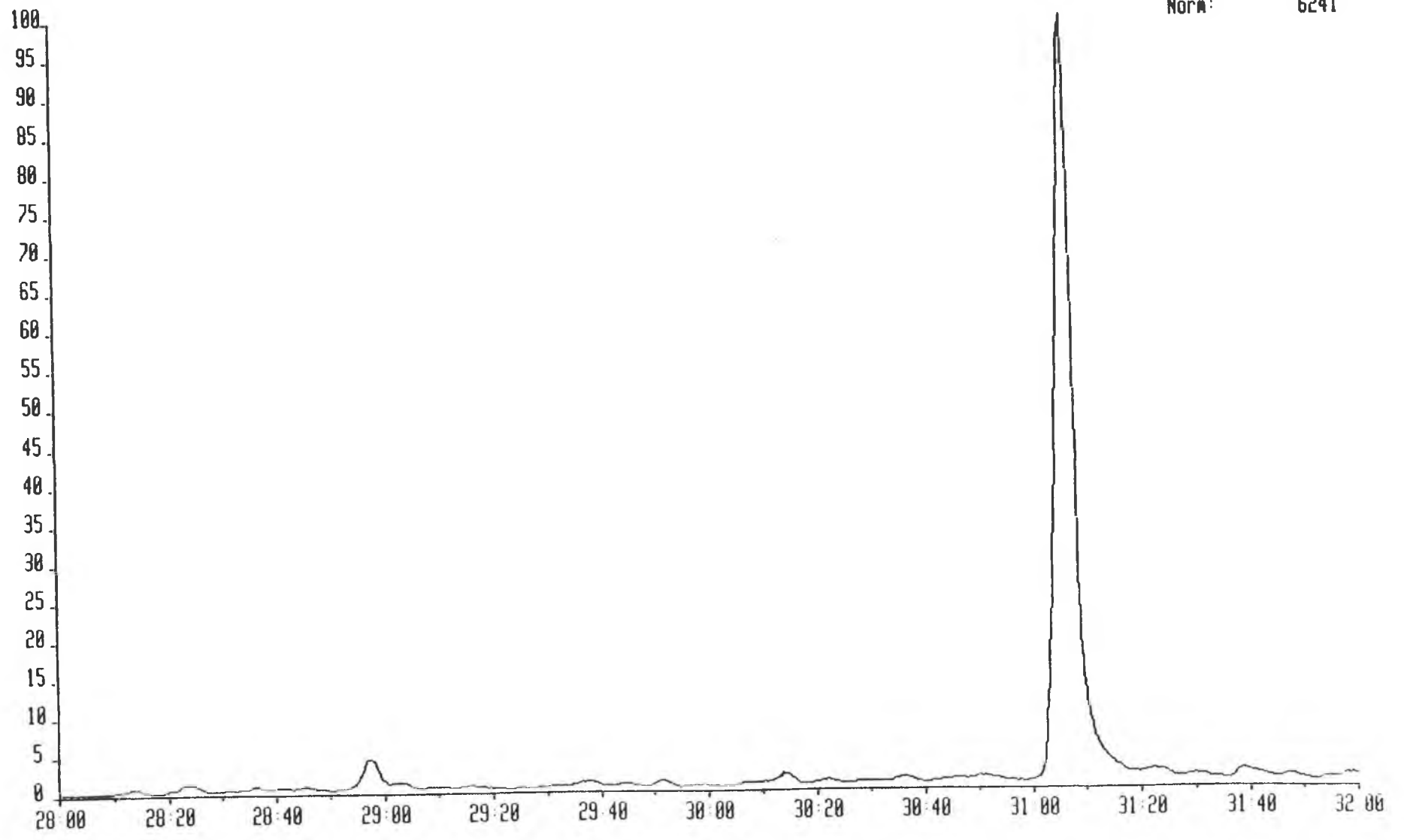
B 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 4 Injection 1 Group 1 TOTAL ION CURRENT
Text:92H 67 AROMATICS

Norm: 6676

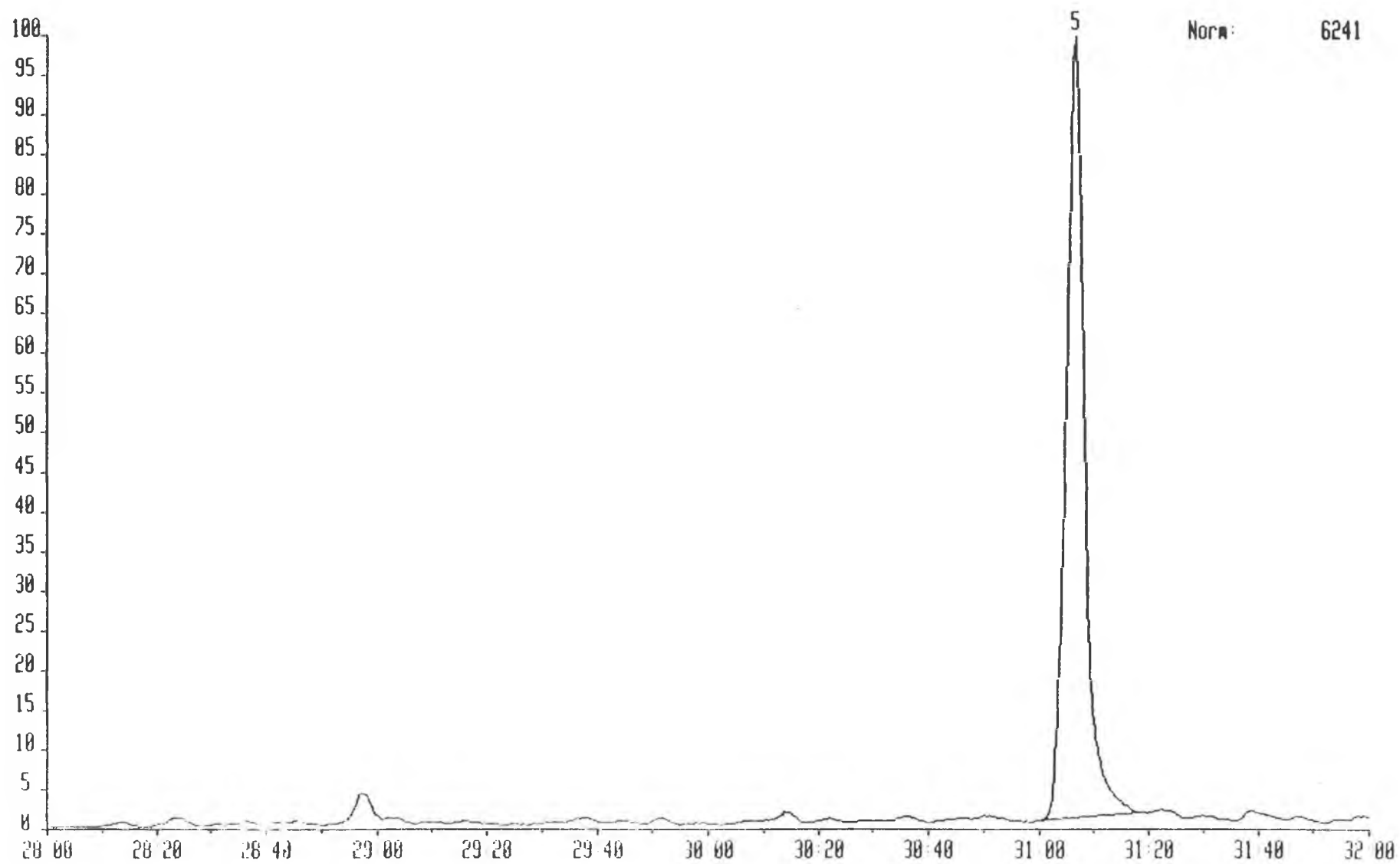


6656W 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 4 Injection 1 Group 1 Mass 170.0782
Text:92H 67 AROMATICS

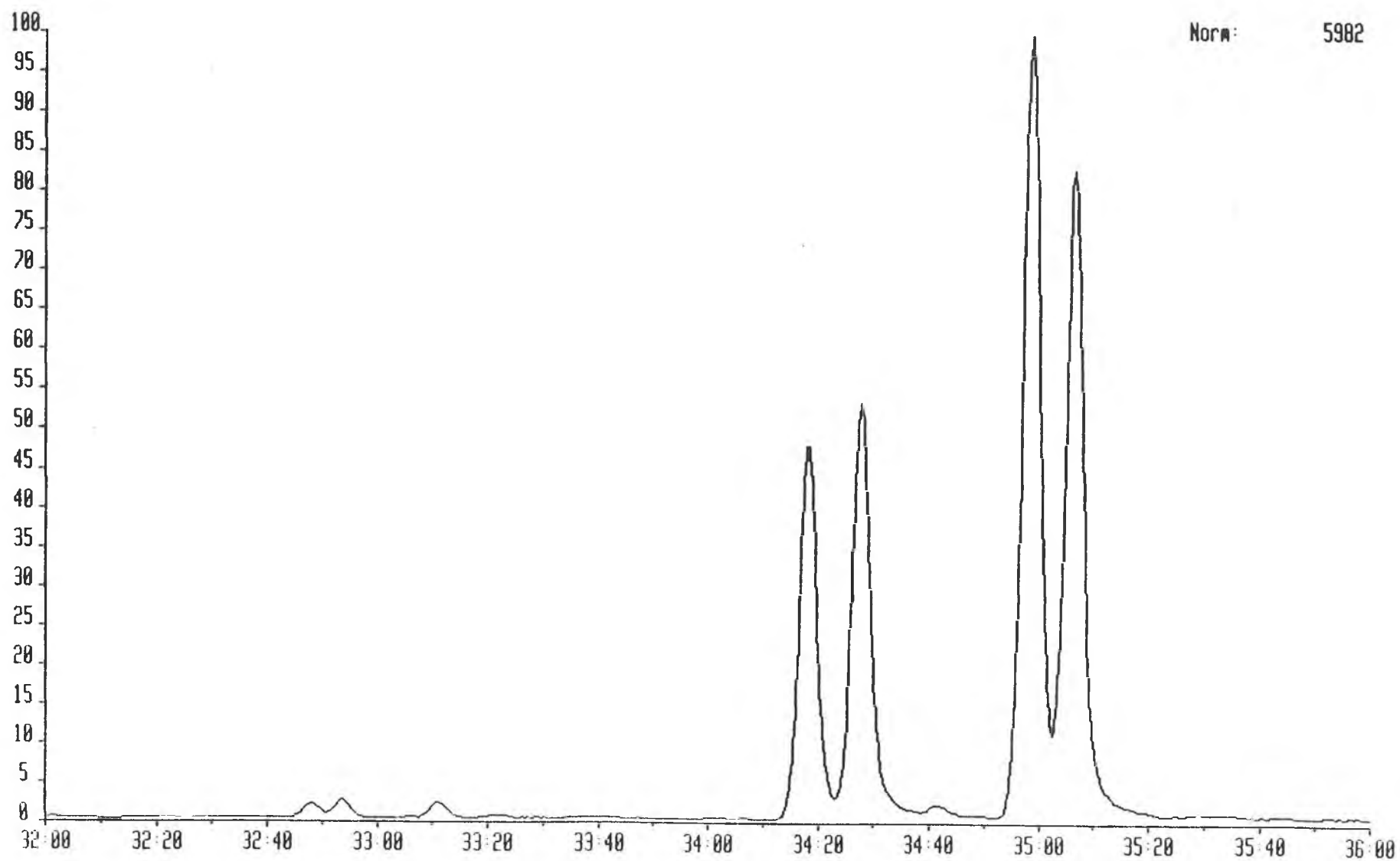
Norm: 6241



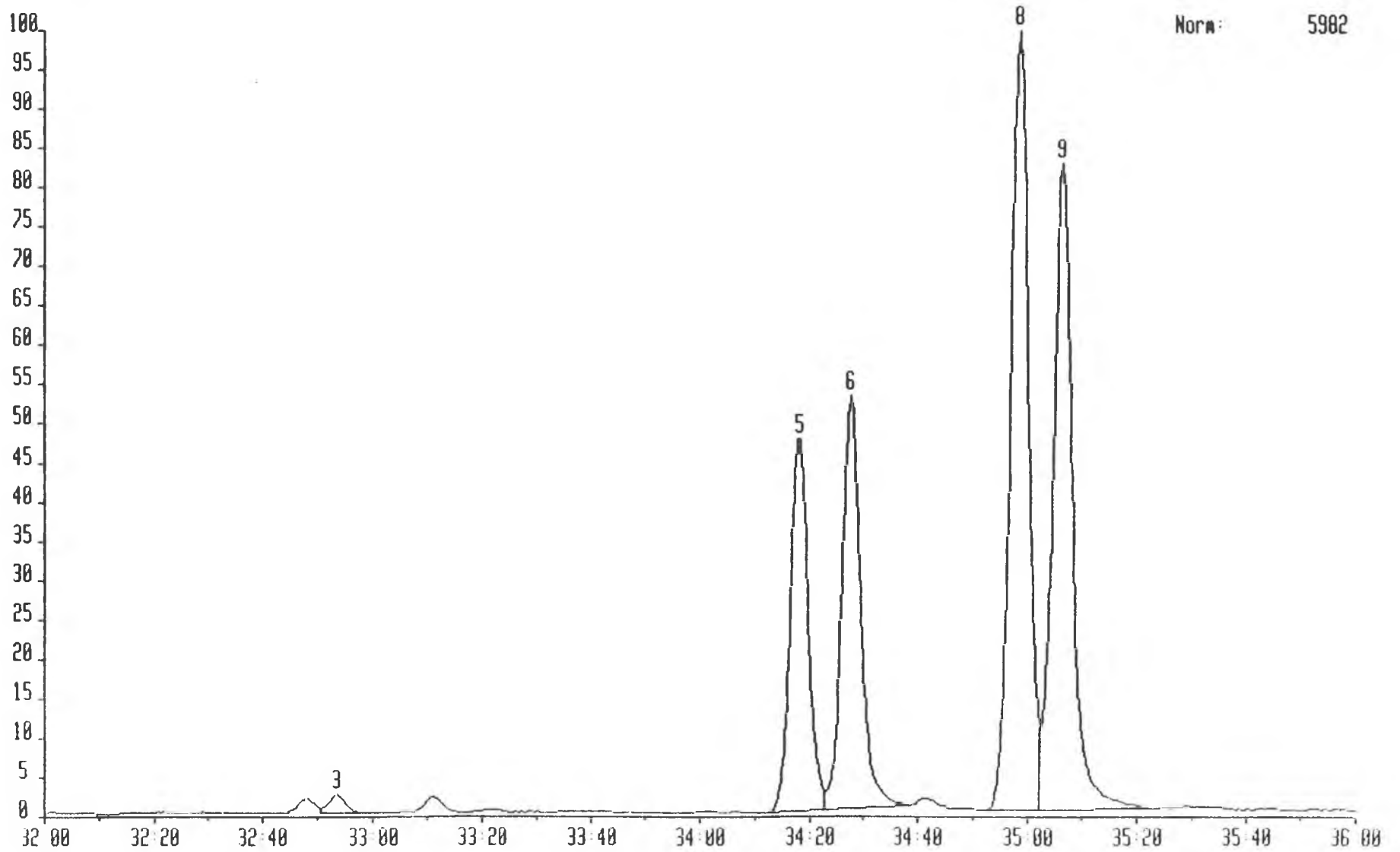
6656W 5-OCT-92 Str:Voltage 70H Sys: ARO
Sample 4 Injection 1 Group 1 Mass 178.0782
Text:92H 67 AROMATICS



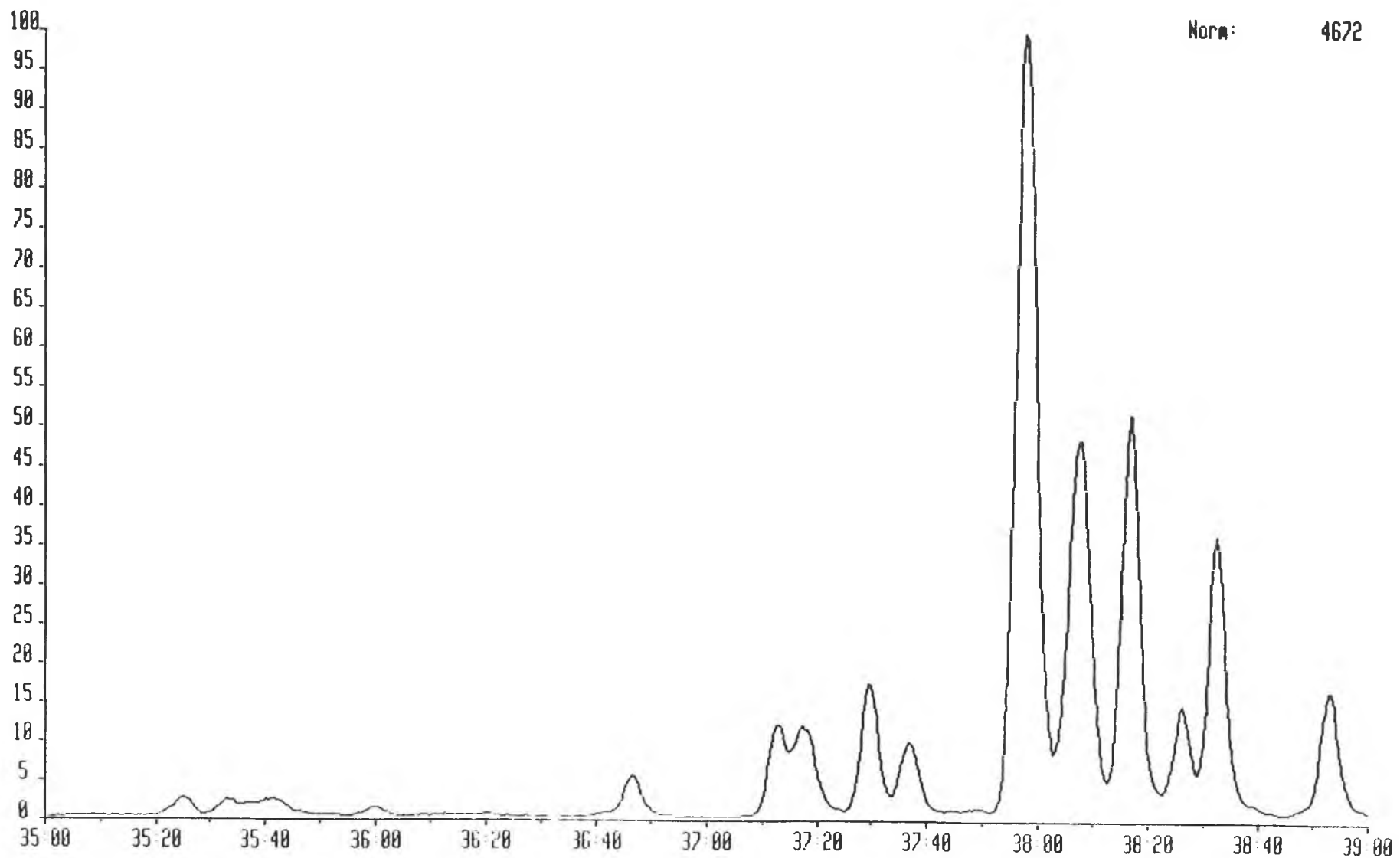
665GW 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 4 Injection 1 Group 1 Mass 192.0920
Text: 92H 67 AROMATICS



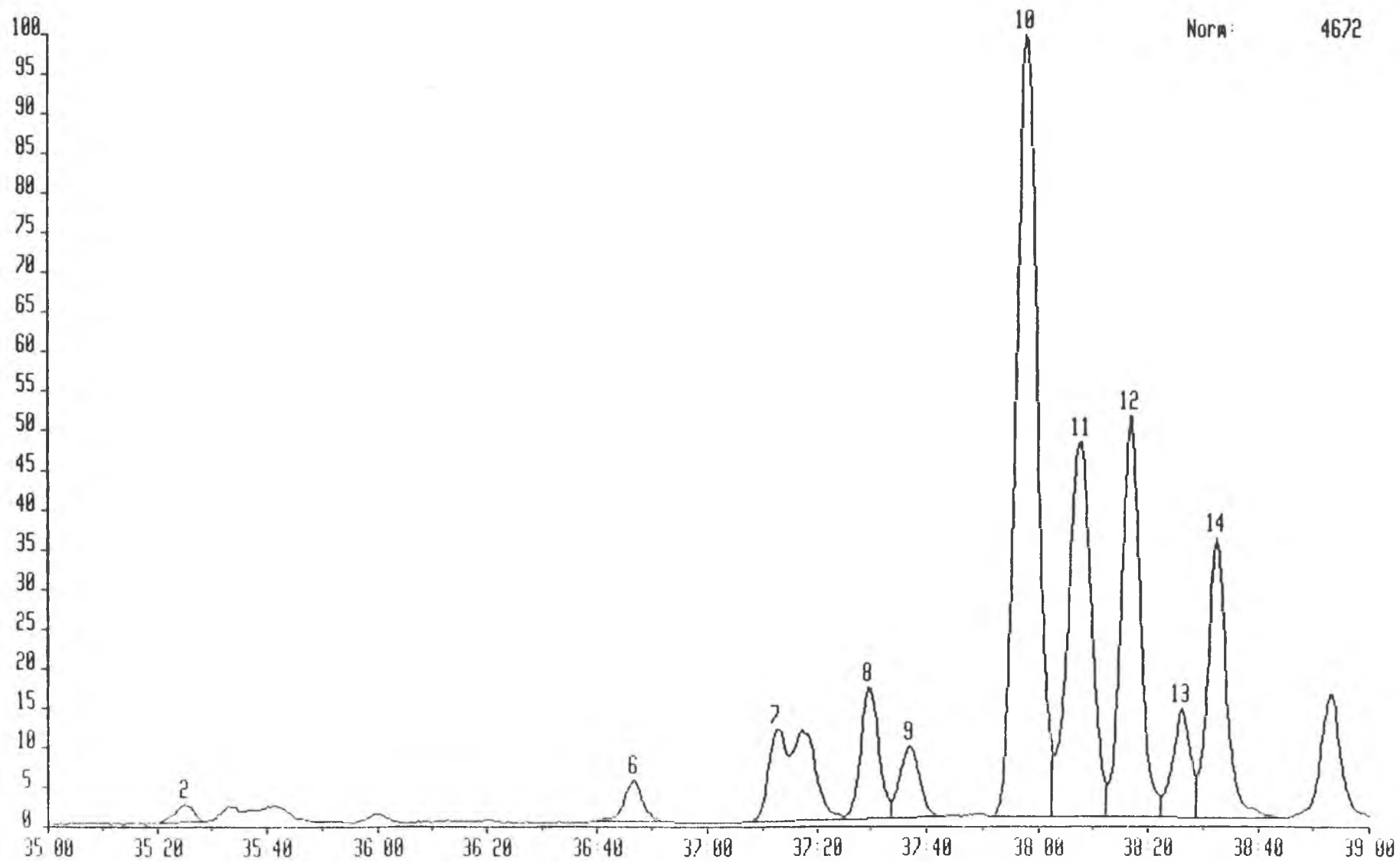
665GM 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 4 Injection 1 Group 1 Mass 192.0928
Text:92H 67 AROMATICS



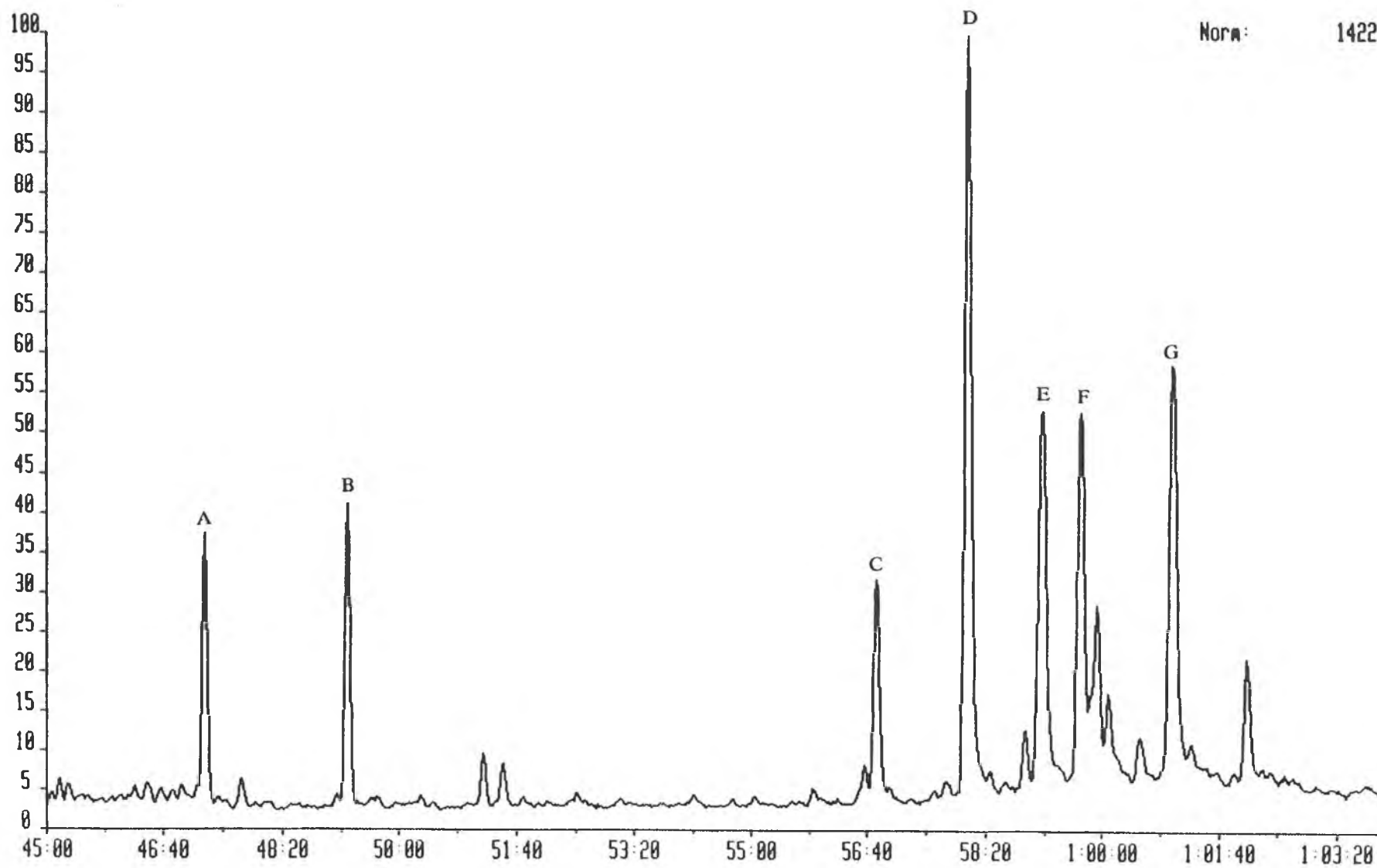
665GW 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 4 Injection 1 Group 1 Mass 206.1088
Text:92H 67 AROMATICS



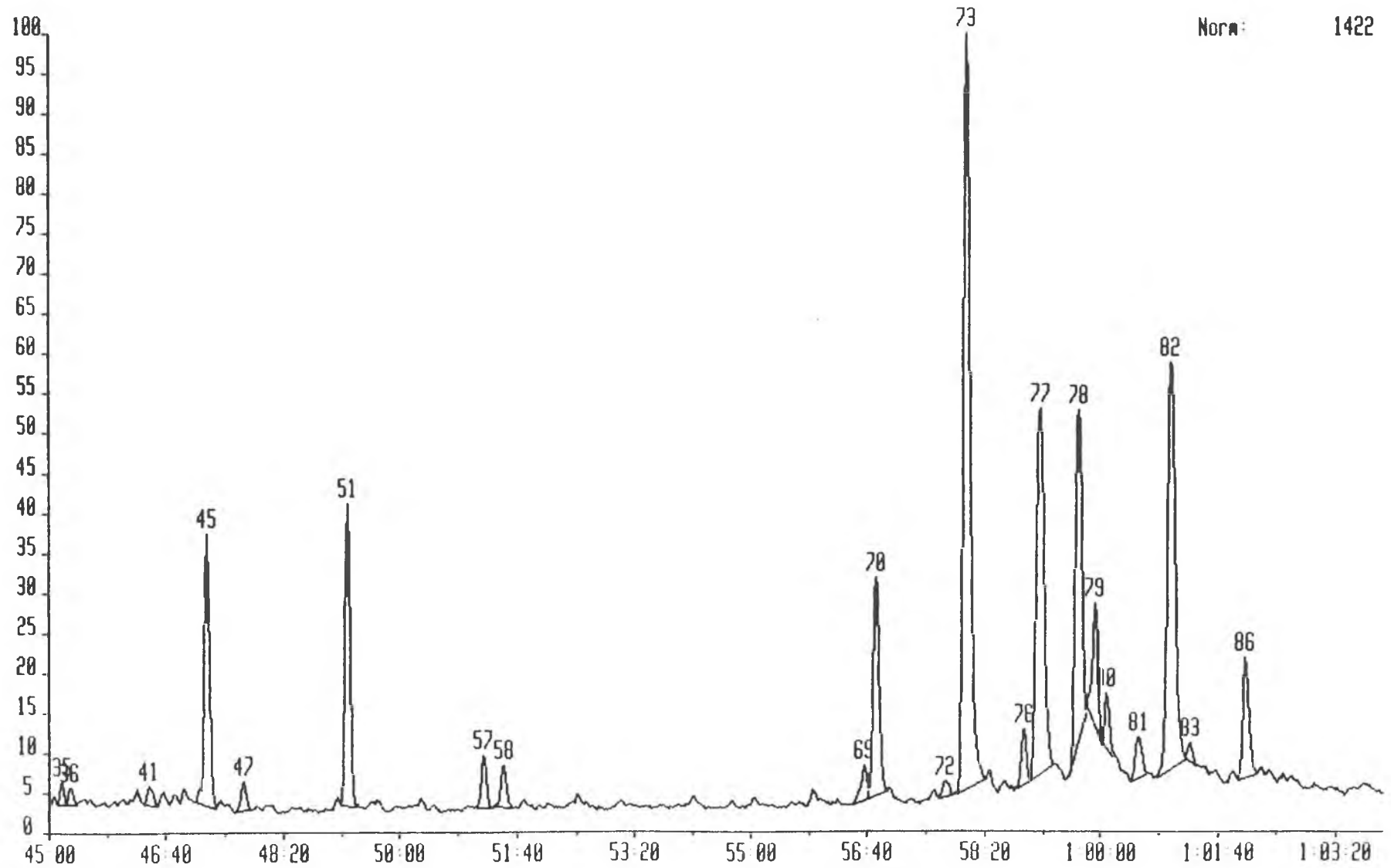
6656W 5-OCT-92 Str:Voltage 70H Sys: ARO
Sample 4 Injection 1 Group 1 Mass 206.1000
Text:92H 67 AROMATICS



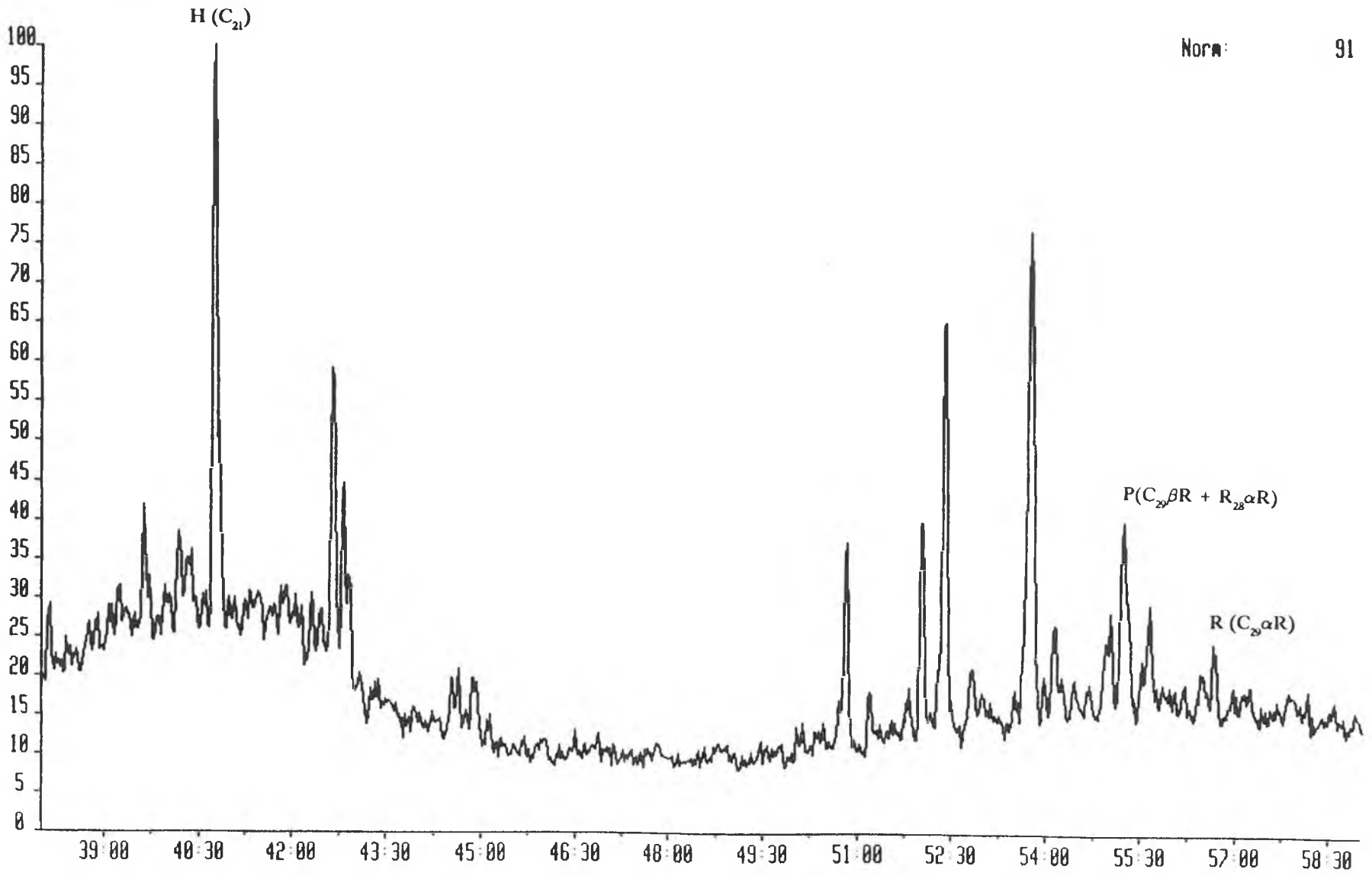
665GM 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 4 Injection 1 Group 1 Mass 231.1174
Text:92H 67 AROMATICS



6656W 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 4 Injection 1 Group 1 Mass 231.1174
Text: 92H 67 AROMATICS

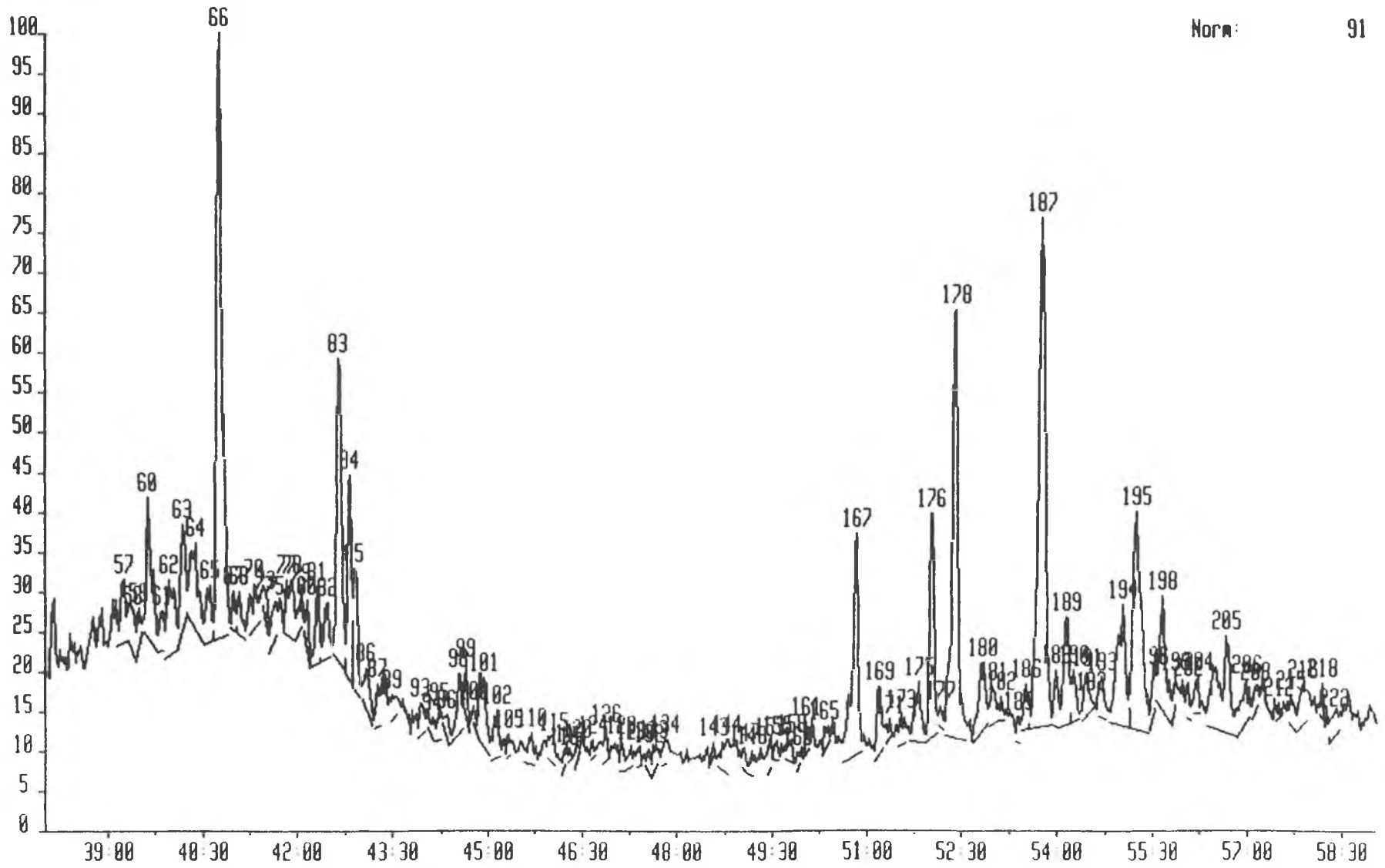


6656W 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 4 Injection 1 Group 1 Mass 253.1956
Text: 92H 67 AROMATICS



Norm: 91

665GW 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 4 Injection 1 Group 1 Mass 253.1956
Text: 92H 67 AROMATICS



Norm: 91

92H67

Mass	Ret. Time	Scan	No.	Peak Area	Peak Height
=====	=====	=====	=====	=====	=====
142.0782		0		0.00	0.00
156.0939		0		0.00	0.00
170.1095		0		0.00	0.00
	0 22 44	1575	5	109.15	32.35
	0 22 49	1585	6	108.99	17.76
	0 23 6	1621	7	78.09	23.67
	0 23 18	1645	8	186.04	42.20
	0 23 27	1663	9	862.64	233.50
	0 23 36	1682	10	1650.04	426.82
	0 23 47	1705	11	125.36	23.88
	0 24 5	1743	12	1879.77	535.32
	0 24 11	1755	13	1371.46	339.65
	0 24 37	1809	14	3261.77	404.74
	0 25 9	1875	15	580.56	141.46
	0 25 22	1902	16	2258.88	597.03
	0 25 41	1941	17	58.70	18.20
	0 25 55	1970	18	657.53	165.45
	0 26 4	1988	19	123.39	35.95
	0 26 17	2015	20	140.91	34.74
	0 26 26	2033	21	346.29	91.81
	0 26 34	2049	22	258.07	67.06
	0 26 40	2061	23	272.85	69.63
	0 26 46	2075	24	119.31	36.55
	0 26 52	2087	25	106.54	31.59
178.0782		0		0.00	0.00
	0 31 6	2611	5	24506.62	6167.83
184.0344		0		0.00	0.00
	0 30 18	2512	1	5096.65	1279.72
192.0928		0		0.00	0.00
	0 32 54	2833	3	474.07	137.77
	0 34 18	3007	5	10816.22	2836.15
	0 34 28	3026	6	12725.41	3143.76
	0 34 59	3090	8	22555.60	5935.66
	0 35 6	3106	9	20247.60	4918.43
198.0501		0		0.00	0.00
	0 33 9	2863	1	8072.05	2039.22
	0 33 44	2937	2	3898.97	608.47
	0 34 20	3010	3	3562.67	931.91
	0 35 39	3173	4	188.50	57.42
206.1088		0		0.00	0.00
	0 35 25	3145	2	385.90	103.76
	0 36 47	3313	6	941.33	241.07
	0 37 12	3366	7	4702.87	540.00
	0 37 29	3401	8	2994.99	774.80
	0 37 37	3416	9	1702.60	419.02
	0 37 58	3459	10	20733.59	4622.41
	0 38 8	3480	11	10932.72	2214.74
	0 38 16	3498	12	9654.15	2377.59
	0 38 26	3518	13	2424.52	641.99
	0 38 32	3531	14	6549.36	1650.16
253.1956		0		0.00	0.00
	0 39 14	3616	57	40.18	7.26
	0 39 23	3635	58	24.59	5.16
	0 39 28	3646	59	15.47	4.26
	0 39 37	3663	60	75.94	16.11
	0 39 51	3692	61	14.93	4.54
	0 39 57	3705	62	54.54	8.75
	0 40 9	3731	63	52.34	12.28
	0 40 22	3757	64	70.15	9.87
	0 40 36	3785	65	26.67	6.53

0 40 44	3803	66	359.79	69.47
0 40 58	3831	67	12.83	4.42
0 41 4	3844	68	14.38	5.03
0 41 17	3871	70	25.72	5.12
0 41 30	3896	73	7.21	3.87
0 41 38	3913	75	19.54	4.29
0 41 48	3935	77	19.05	6.25
0 41 55	3948	78	23.32	6.82
0 42 2	3963	79	8.76	4.66
0 42 8	3975	80	12.79	4.98
0 42 18	3996	81	29.82	8.87
0 42 27	4015	82	25.19	6.33
0 42 38	4037	83	153.12	34.72
0 42 48	4058	84	84.23	23.57
0 42 52	4067	85	53.92	13.63
0 43 3	4089	86	24.78	4.49
0 43 15	4113	87	17.09	4.95
0 43 28	4141	89	9.17	2.90
0 43 55	4195	93	14.58	3.84
0 44 6	4218	94	4.19	2.53
0 44 13	4233	95	12.49	3.87
0 44 20	4247	96	6.96	2.73
0 44 32	4272	98	29.44	6.82
0 44 38	4284	99	14.87	5.77
0 44 45	4300	100	3.39	2.15
0 44 55	4319	101	51.17	8.05
0 45 7	4345	102	22.42	5.58
0 45 19	4369	105	5.44	2.67
0 45 41	4415	110	14.63	3.68
0 46 1	4456	115	10.91	3.10
0 46 12	4478	118	4.64	1.91
0 46 17	4489	119	1.63	1.41
0 46 24	4504	120	4.19	1.87
0 46 39	4534	124	4.26	2.12
0 46 51	4559	126	7.55	3.77
0 47 5	4588	128	9.89	3.54
0 47 16	4610	129	7.59	2.39
0 47 24	4627	130	5.14	2.34
0 47 32	4643	132	8.41	2.68
0 47 37	4653	133	10.20	3.49
0 47 47	4675	134	6.80	2.97
0 48 33	4770	143	2.45	1.82
0 48 46	4796	144	19.10	3.97
0 49 3	4831	147	5.40	2.61
0 49 9	4843	148	6.05	2.88
0 49 27	4880	153	6.49	3.18
0 49 33	4893	155	6.25	2.17
0 49 47	4922	158	9.80	2.63
0 49 52	4933	160	3.63	2.02
0 50 1	4951	161	5.86	3.67
0 50 18	4985	165	10.14	2.97
0 50 48	5047	167	145.98	25.38
0 51 10	5093	169	33.69	7.94
0 51 20	5113	171	3.13	2.26
0 51 31	5136	173	13.18	3.62
0 51 48	5172	175	36.49	6.89
0 52 0	5195	176	116.39	25.92
0 52 9	5215	177	4.96	2.58
0 52 22	5242	178	260.75	49.28
0 52 48	5294	180	49.76	8.05
0 52 58	5316	181	17.10	4.32
0 53 6	5333	182	4.55	2.75
0 53 22	5365	185	7.65	3.02
0 53 30	5381	186	18.32	5.23
0 53 43	5409	187	408.02	58.49
0 53 57	5438	188	23.89	6.63

231.1174

0	54	7	5458	189	64.57	12.35
0	54	14	5473	190	25.02	5.95
0	54	27	5499	191	19.99	4.90
0	54	31	5508	192	1.50	1.55
0	54	40	5526	193	17.93	4.65
0	55	0	5567	194	105.00	13.91
0	55	12	5592	195	204.13	25.01
0	55	29	5627	196	11.38	5.14
0	55	38	5645	198	70.13	12.96
0	55	50	5670	199	7.69	3.51
0	56	2	5696	202	11.09	4.25
0	56	12	5716	204	12.49	4.19
0	56	39	5771	205	126.36	11.17
0	56	58	5811	206	29.39	4.74
0	57	7	5829	208	7.87	2.90
0	57	29	5874	212	1.97	1.81
0	57	40	5898	215	14.06	3.55
0	57	52	5921	216	24.67	4.72
0	58	9	5956	218	5.94	4.03
0	58	20	5980	222	17.36	2.81
			0		0.00	0.00
0	45	10	4351	35	132.52	39.77
0	45	17	4366	36	141.14	31.78
0	46	25	4506	41	174.09	32.91
0	47	14	4606	45	2154.36	482.48
0	47	45	4670	47	238.11	51.80
0	49	14	4854	51	2311.71	537.98
0	51	11	5095	57	402.41	93.86
0	51	28	5130	58	348.97	75.80
0	56	37	5767	69	349.63	63.87
0	56	46	5786	70	2010.00	389.49
0	57	45	5908	72	159.04	27.45
0	58	3	5945	73	7884.56	1350.25
0	58	53	6048	76	440.81	99.20
0	59	7	6077	77	4553.39	653.11
0	59	40	6144	78	3499.80	598.61
0	59	54	6174	79	1023.07	222.31
1	0	4	6195	80	386.77	101.01
1	0	32	6251	81	429.38	74.87
1	0	58	6306	82	4993.94	728.20
1	1	15	6341	83	133.97	32.62
1	2	3	6439	86	1134.07	216.57

Figure 11.5

AROMATIC MASS FRAGMENTOGRAMS

DEPTH: 2591.0m

SAMPLE NO.: 2H 69

Total Ion Current

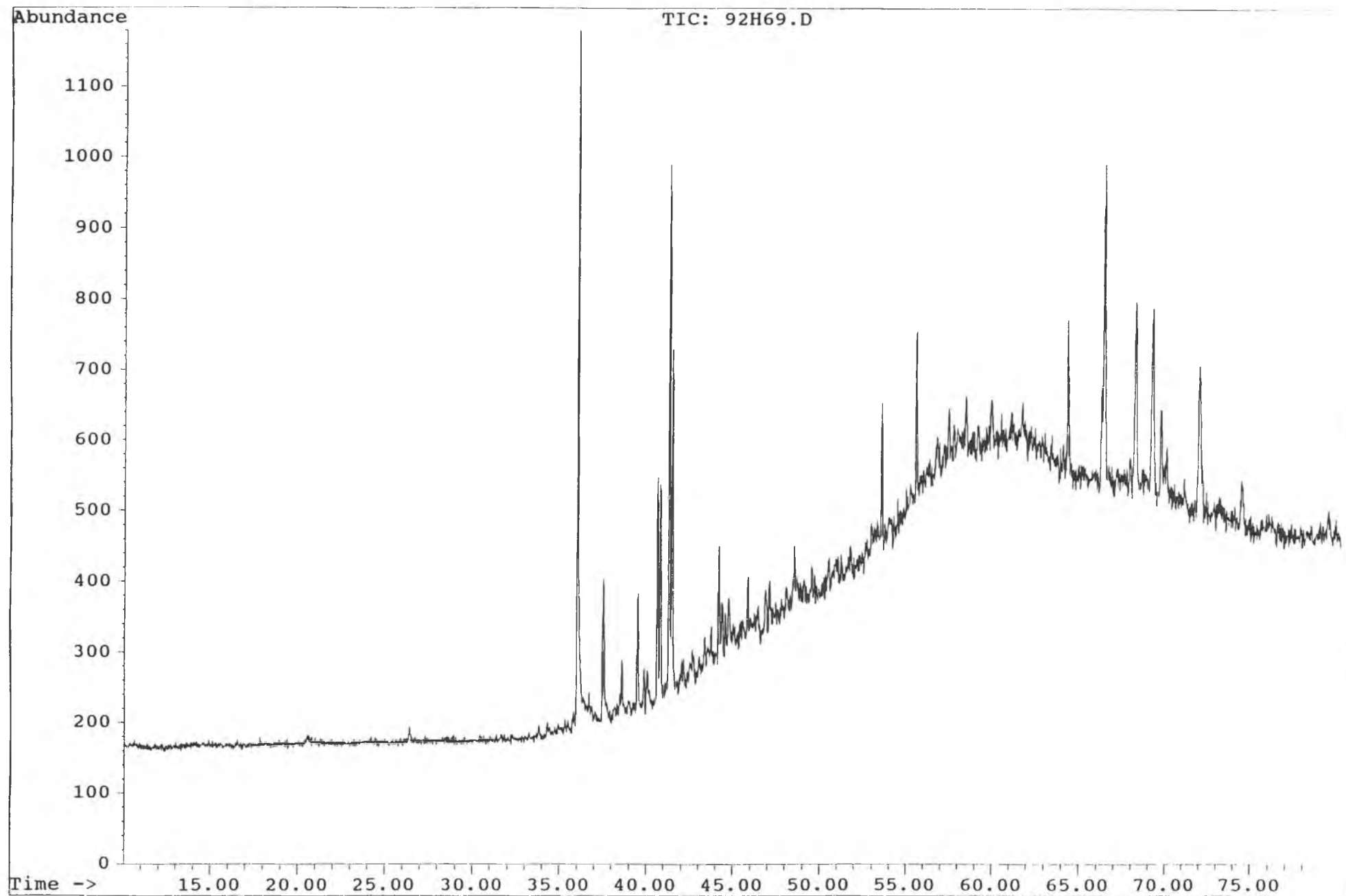
M/Z 178

M/Z 192

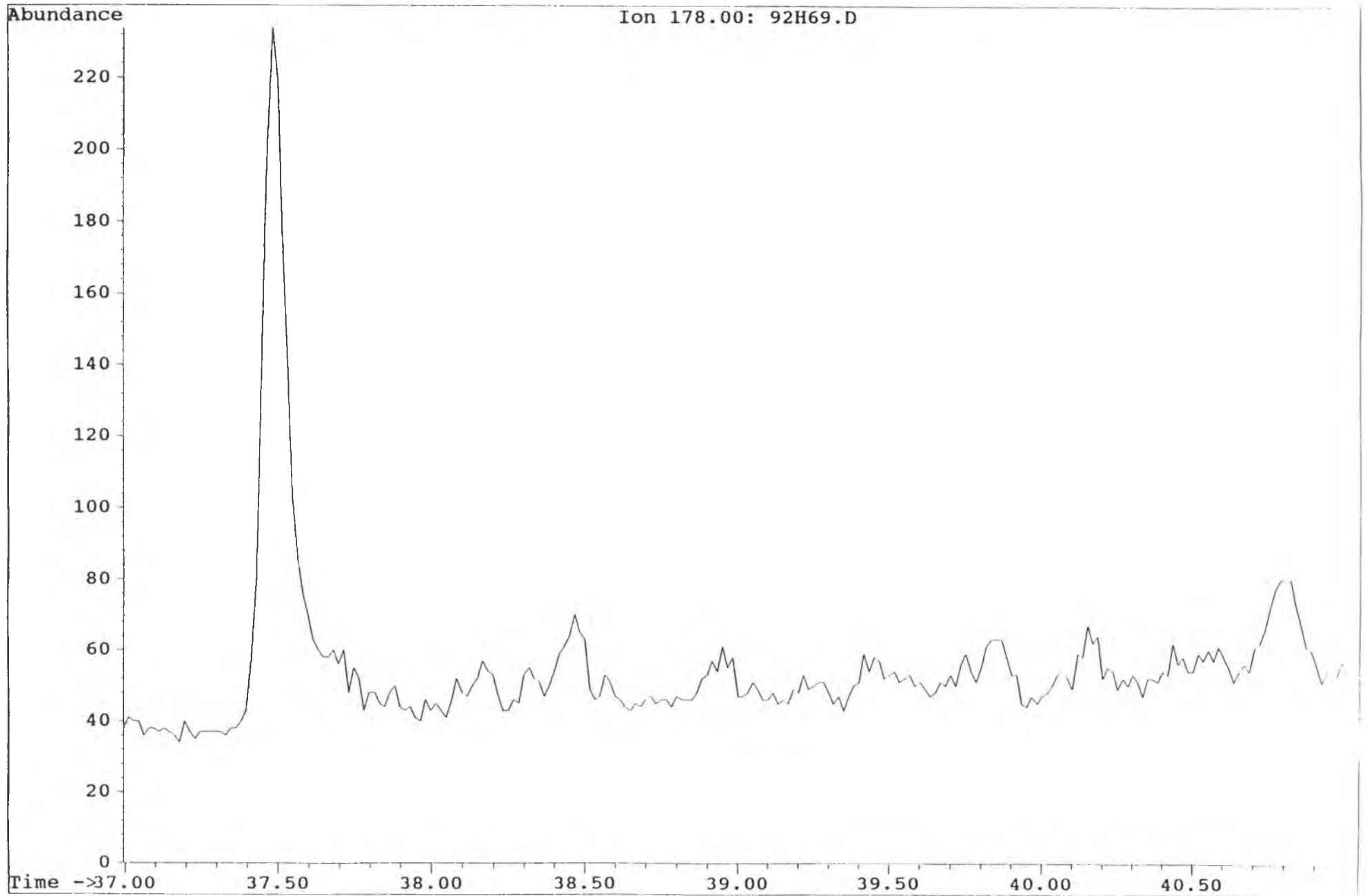
M/Z 231

M/Z 253

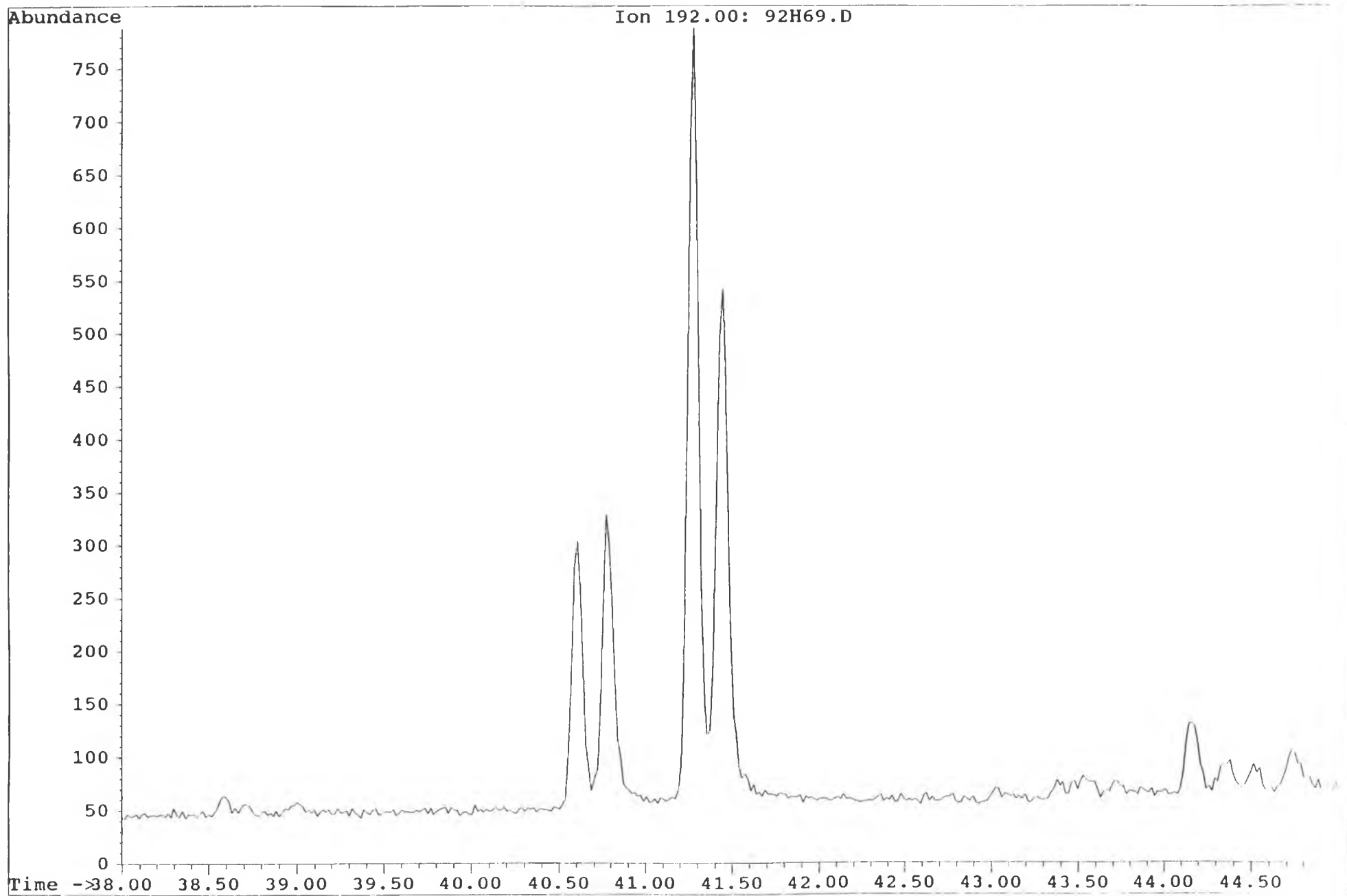
WELL: 34/7-7 SAMPLE: 92H 69 Arom



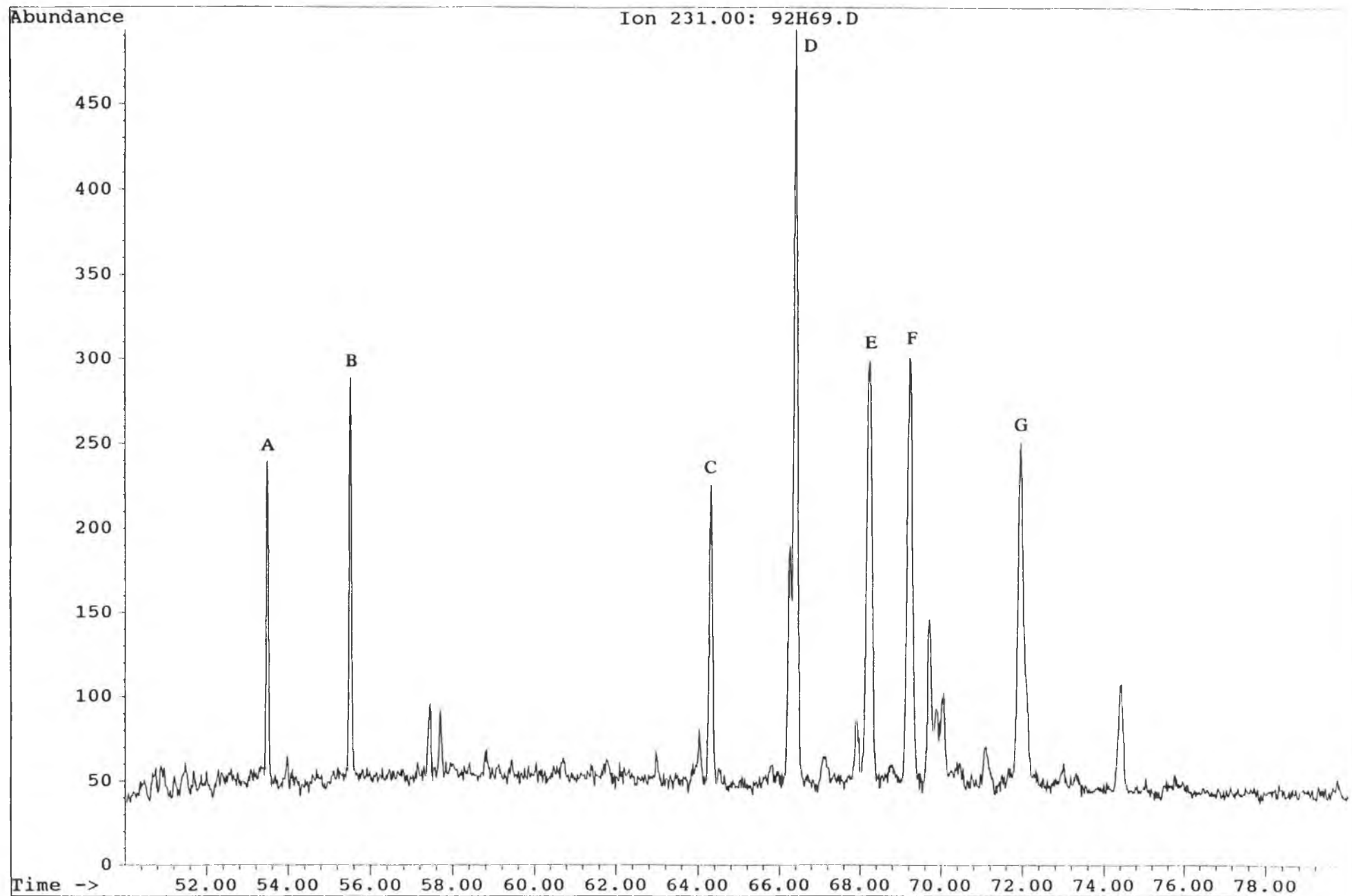
WELL : 34/7-7 SAMPLE : 92H 69 Arom



WELL: 34/7-7 SAMPLE: 92H 69 Arom



WELL: 34/7-7 SAMPLE: 92H 69 Arom



WELL: 34/7-7 SAMPLE: 92H 69 Arom

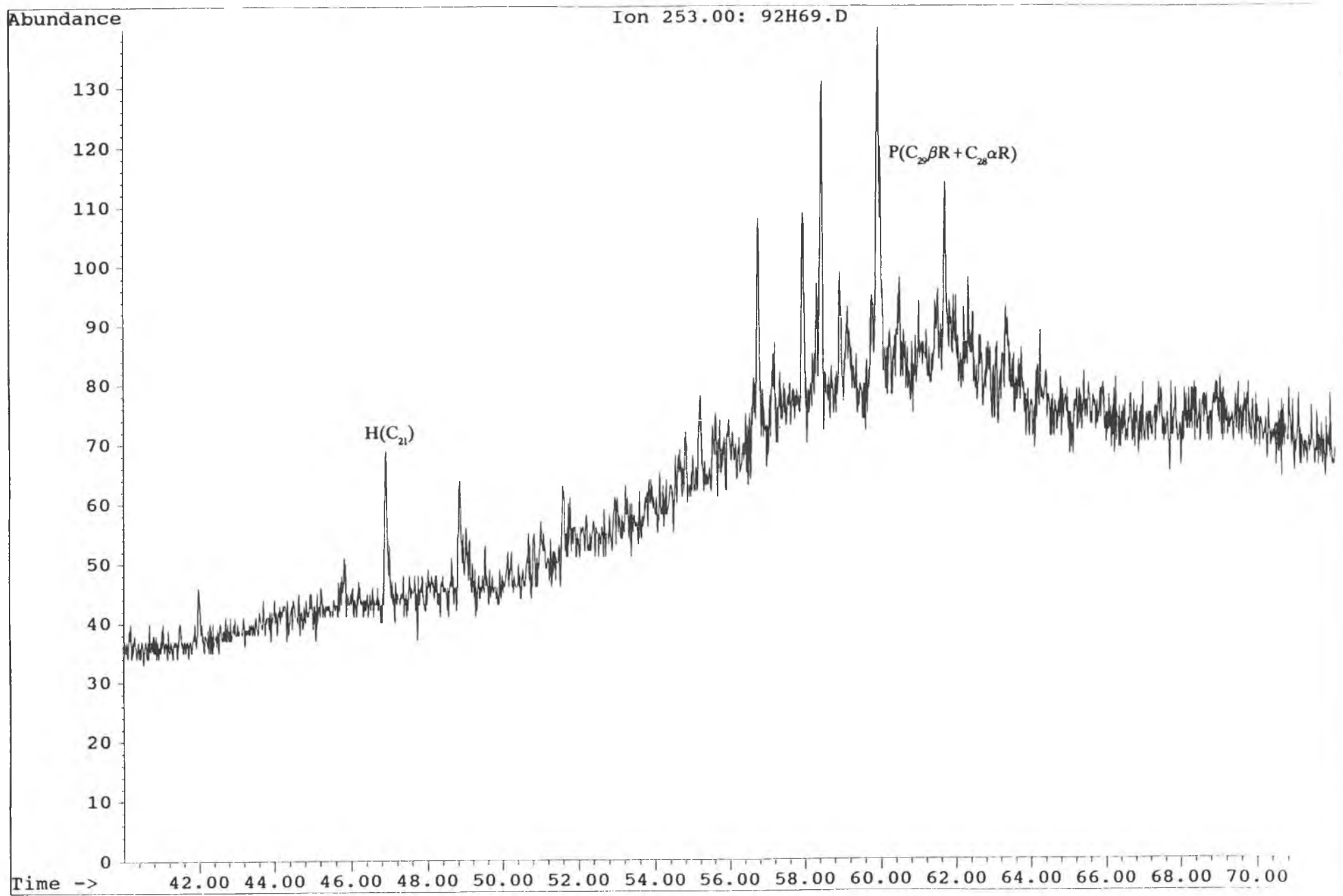


Figure 11.6

AROMATIC MASS FRAGMENTOGRAMS

DEPTH: 2611.0m

SAMPLE NO.: 2H 72

Total Ion Current

M/Z 178

M/Z 192

M/Z 206

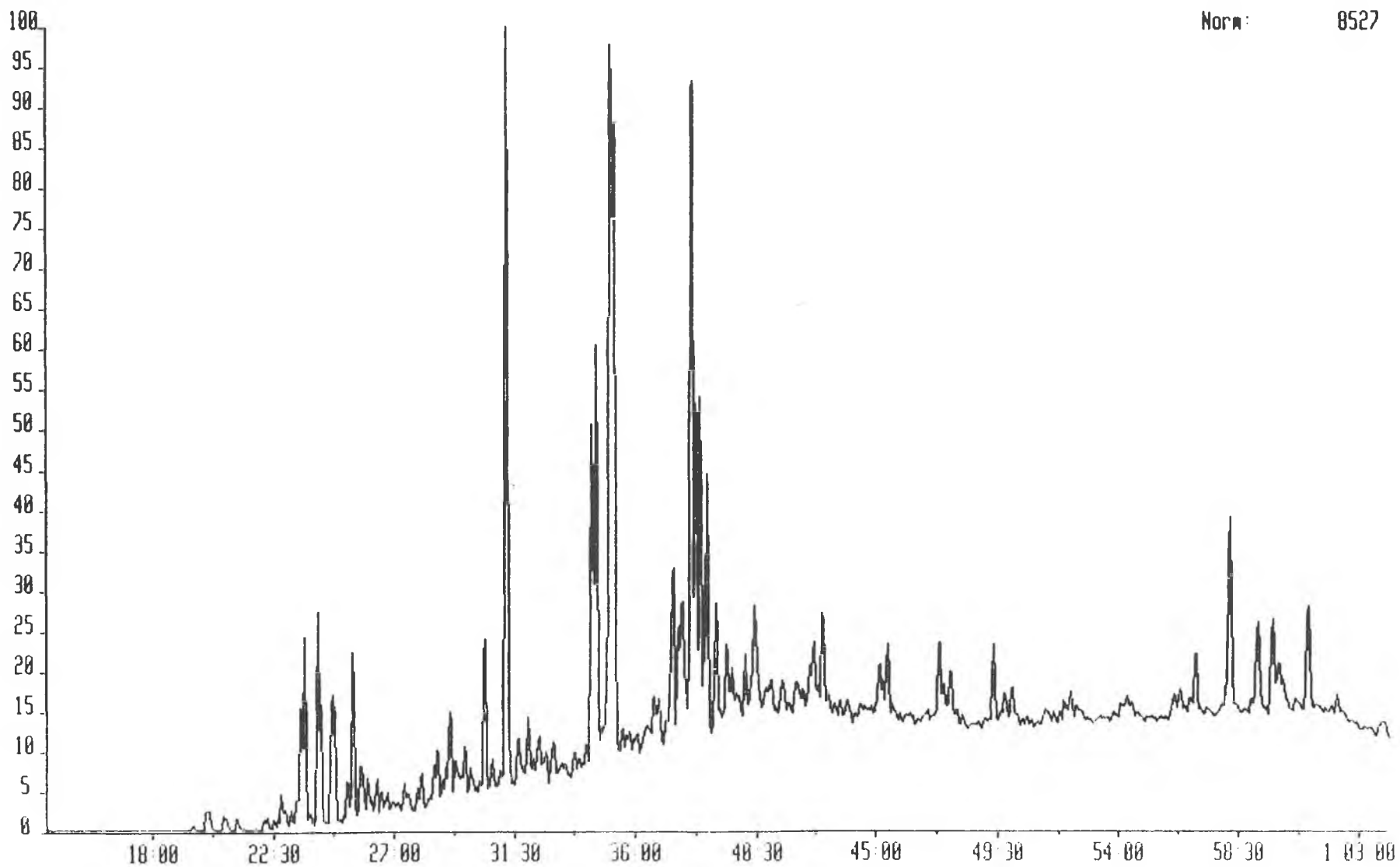
M/Z 231

M/Z 253

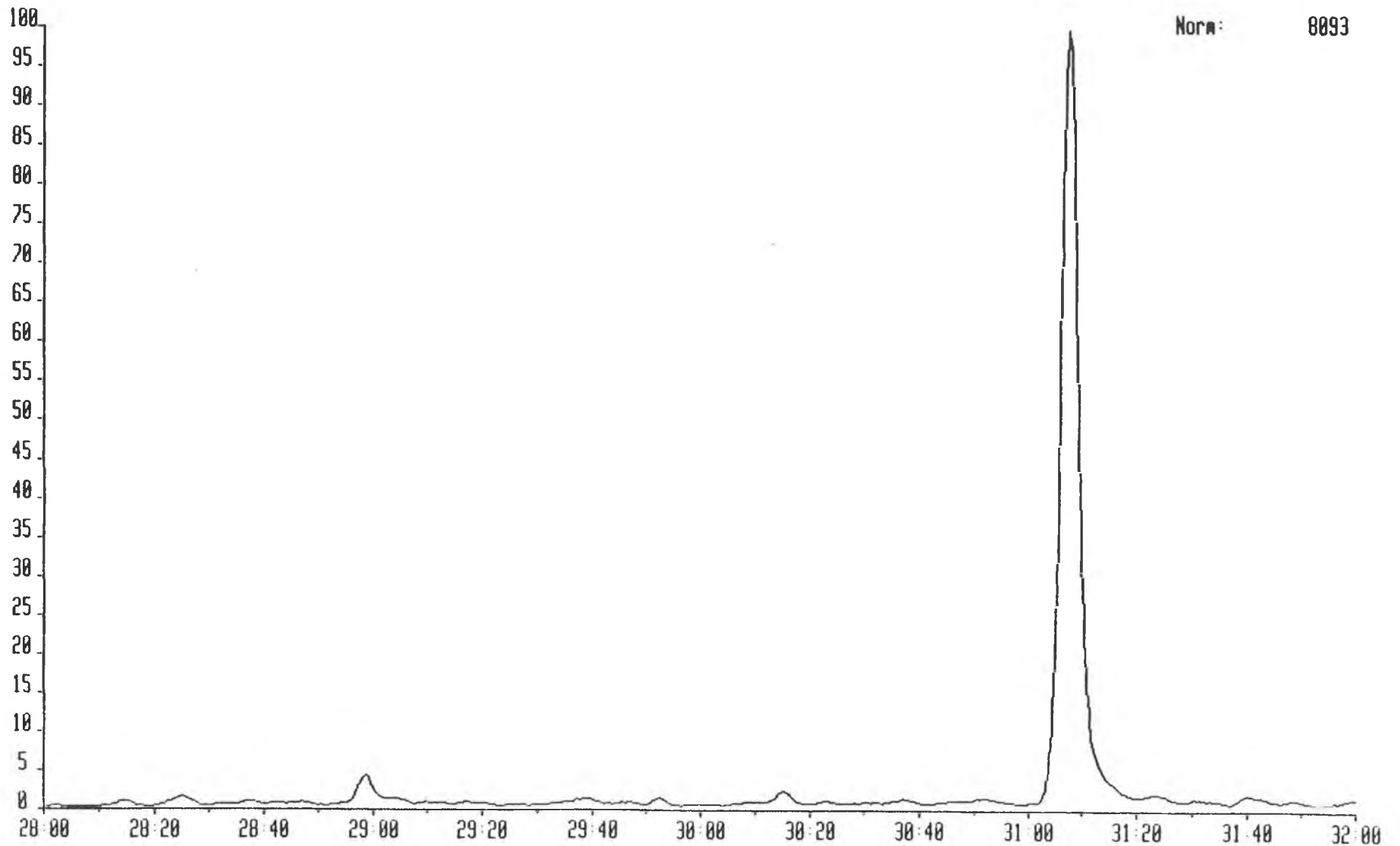
Quantification data

B 5-OCT-92 Str:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 TOTAL ION CURRENT
Text: 92H 72 AROMATICS

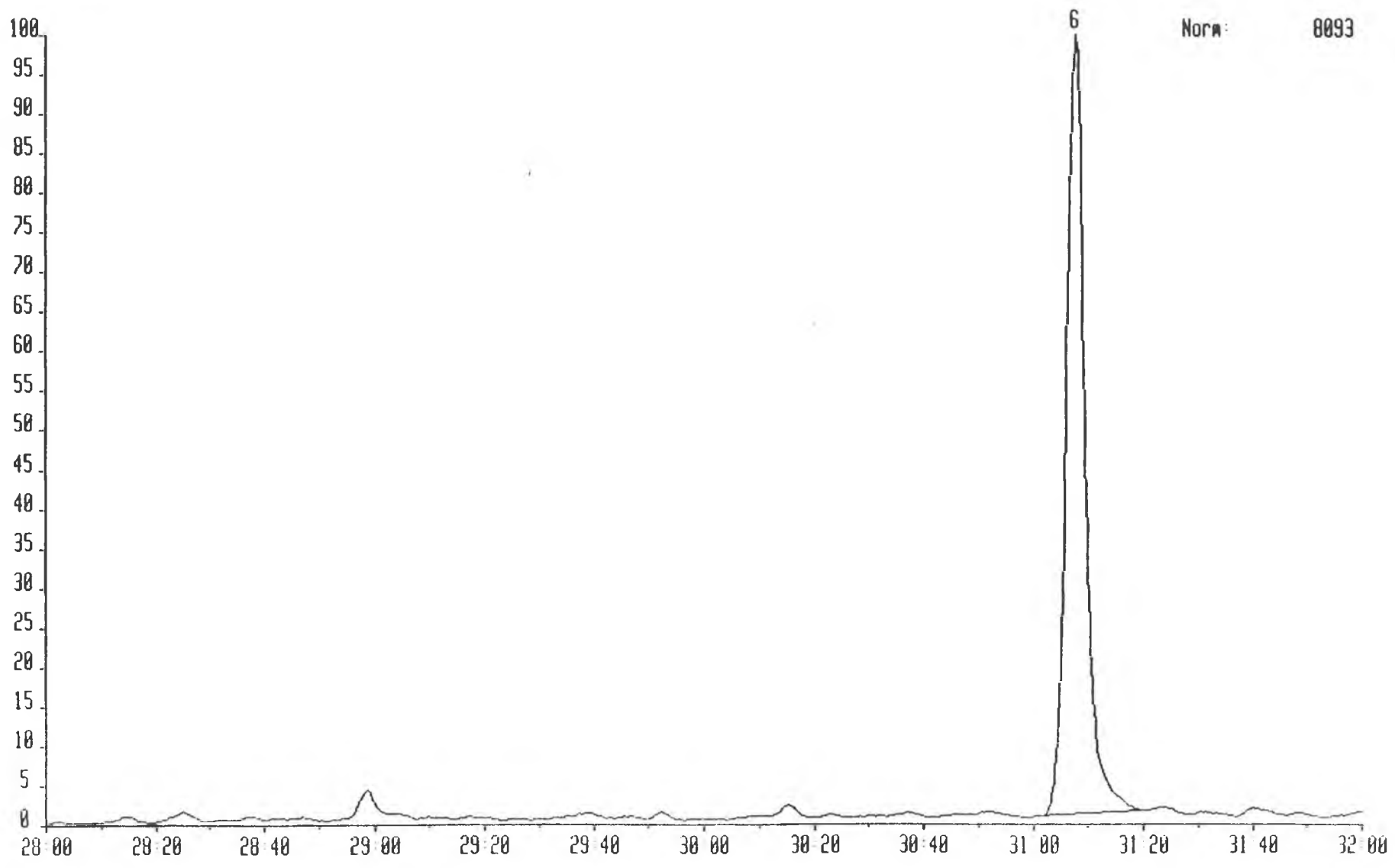
Norm: 8527



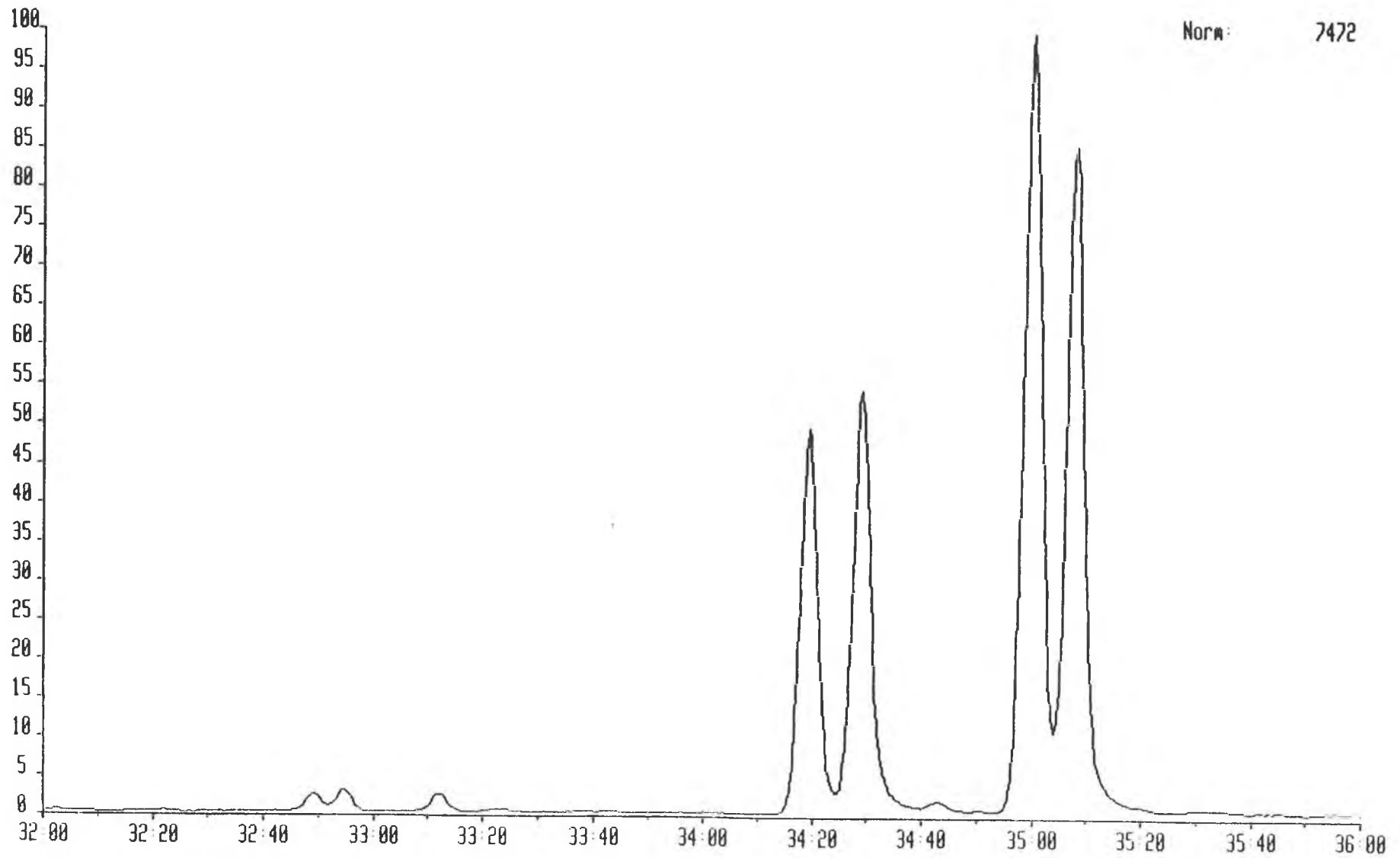
6656W 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 Mass 178.0782
Text: 92H 72 AROMATICS



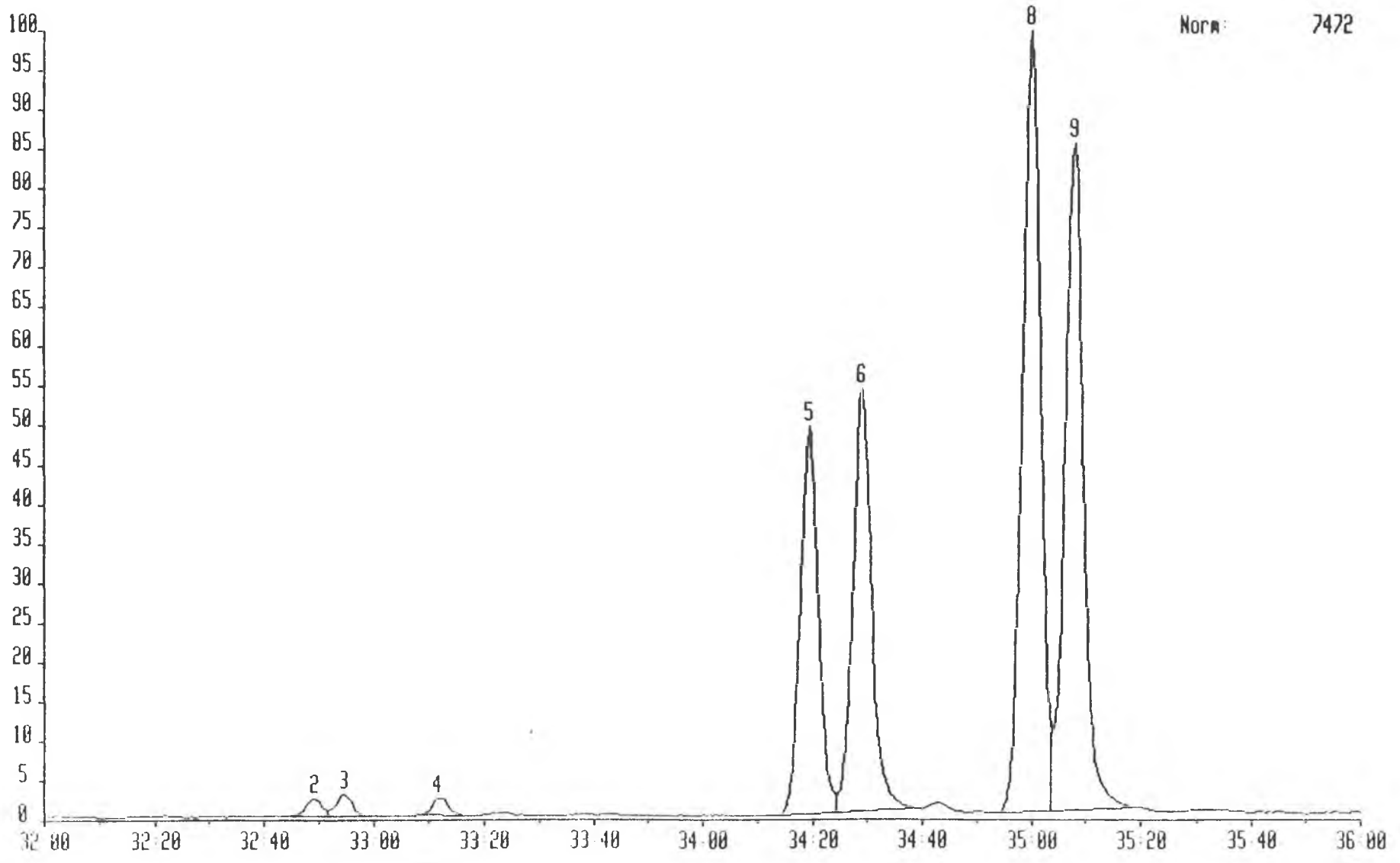
665GW 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 Mass 178.0782
Text: 92H 72 AROMATICS



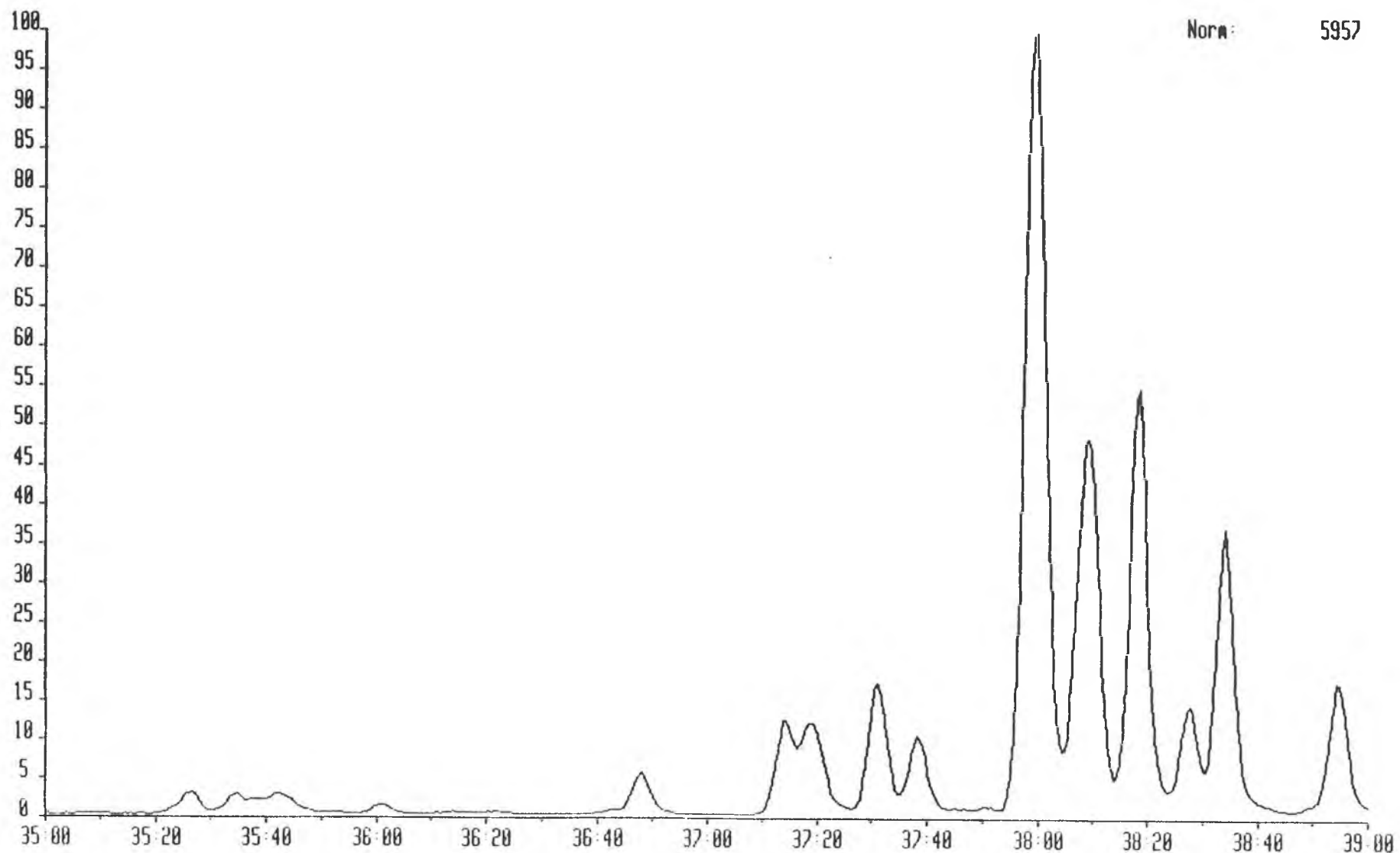
6656W 5-OCT-92 Str:Voltage 70H Sys: ARD
Sample 5 Injection 1 Group 1 Mass 192.0928
Text:92H 72 AROMATICS



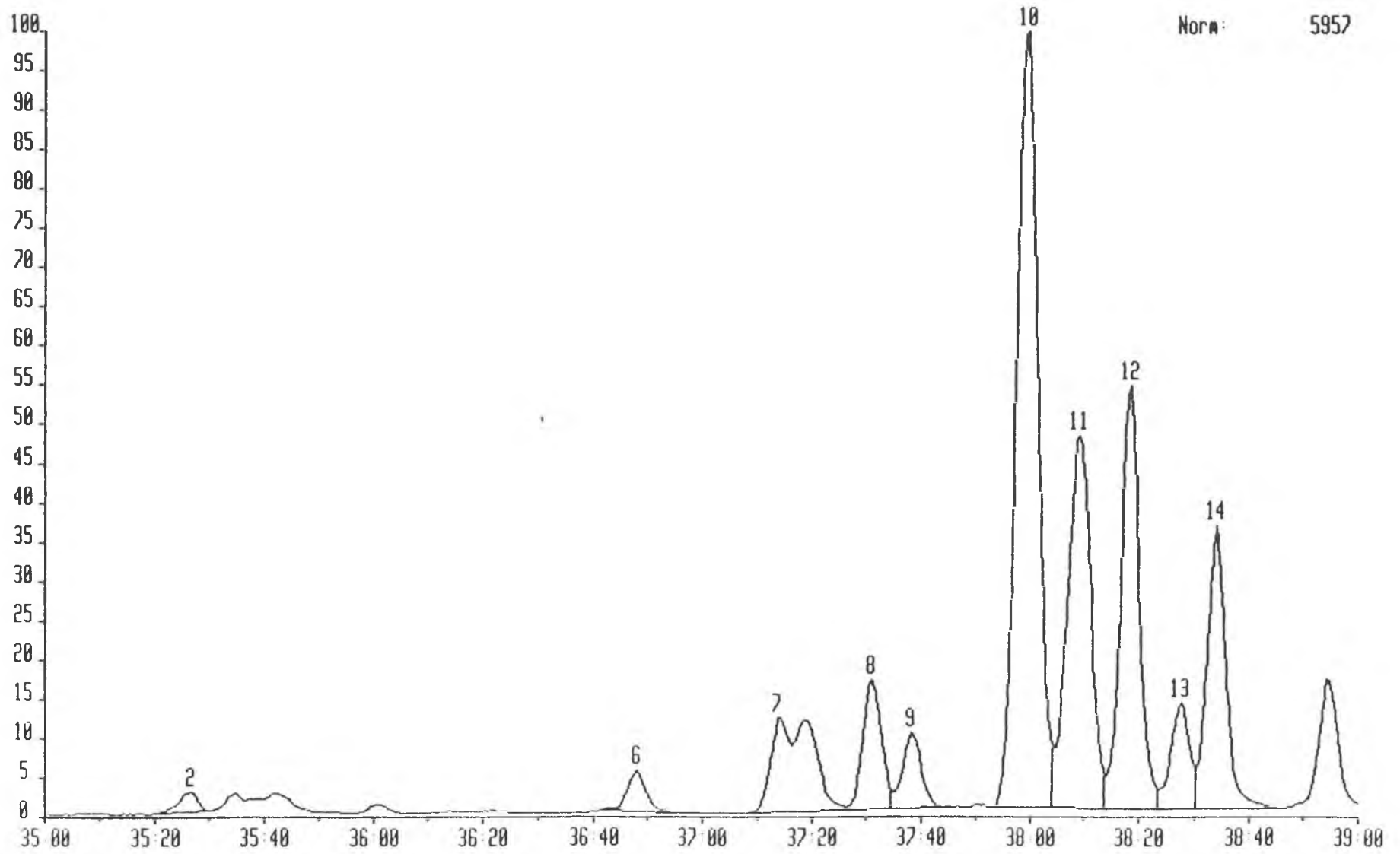
6656W 5-OCT-92 Str:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 Mass 192.0928
Text: 92H 72 AROMATICS



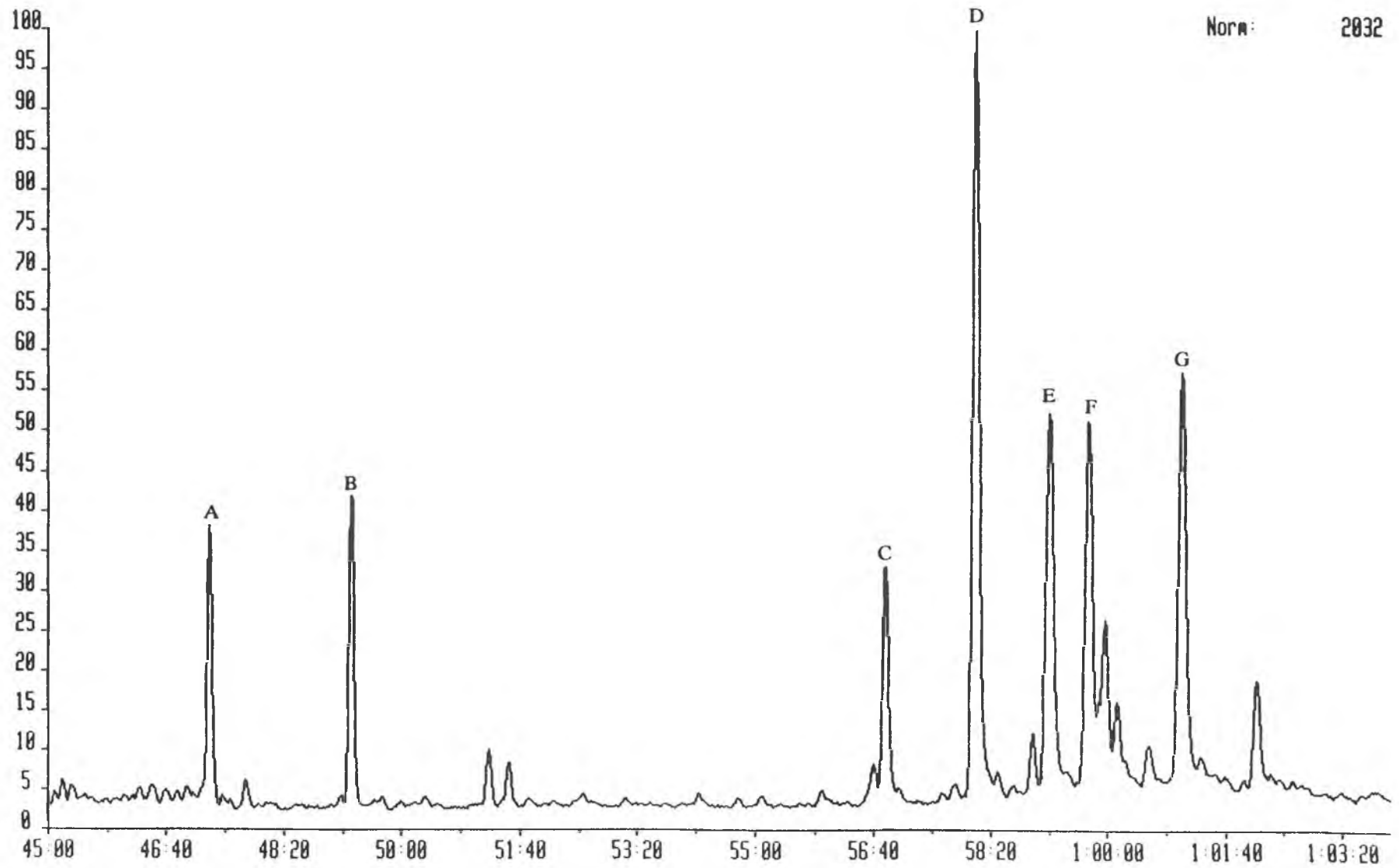
665GW 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 Mass 206.1000
Text: 92H 72 AROMATICS



665GW 5-OCT-92 Str:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 Mass 206.1000
Text: 92H 72 AROMATICS

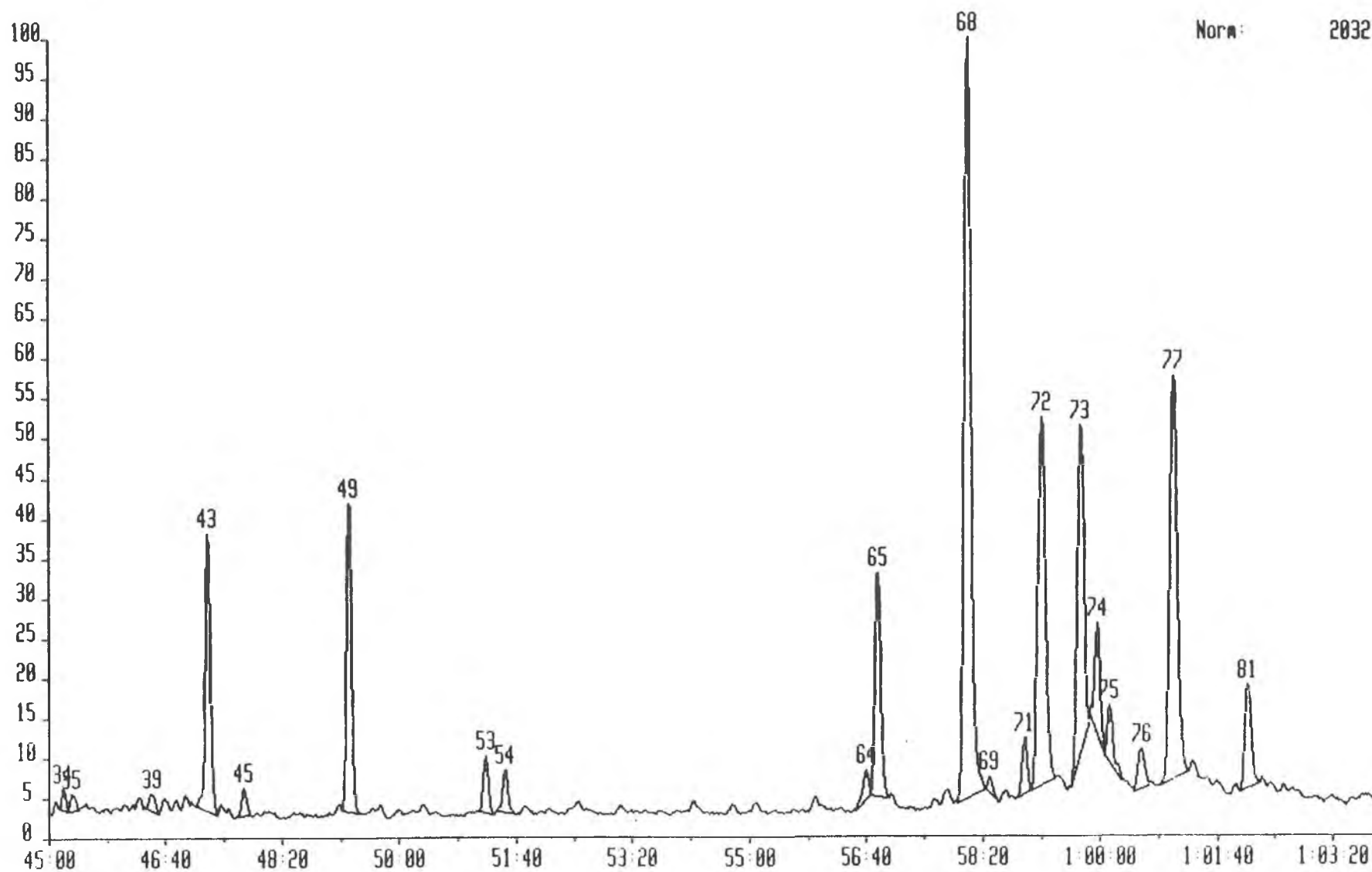


6656W 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 Mass 231.1174
Text: 92H 72 AROMATICS

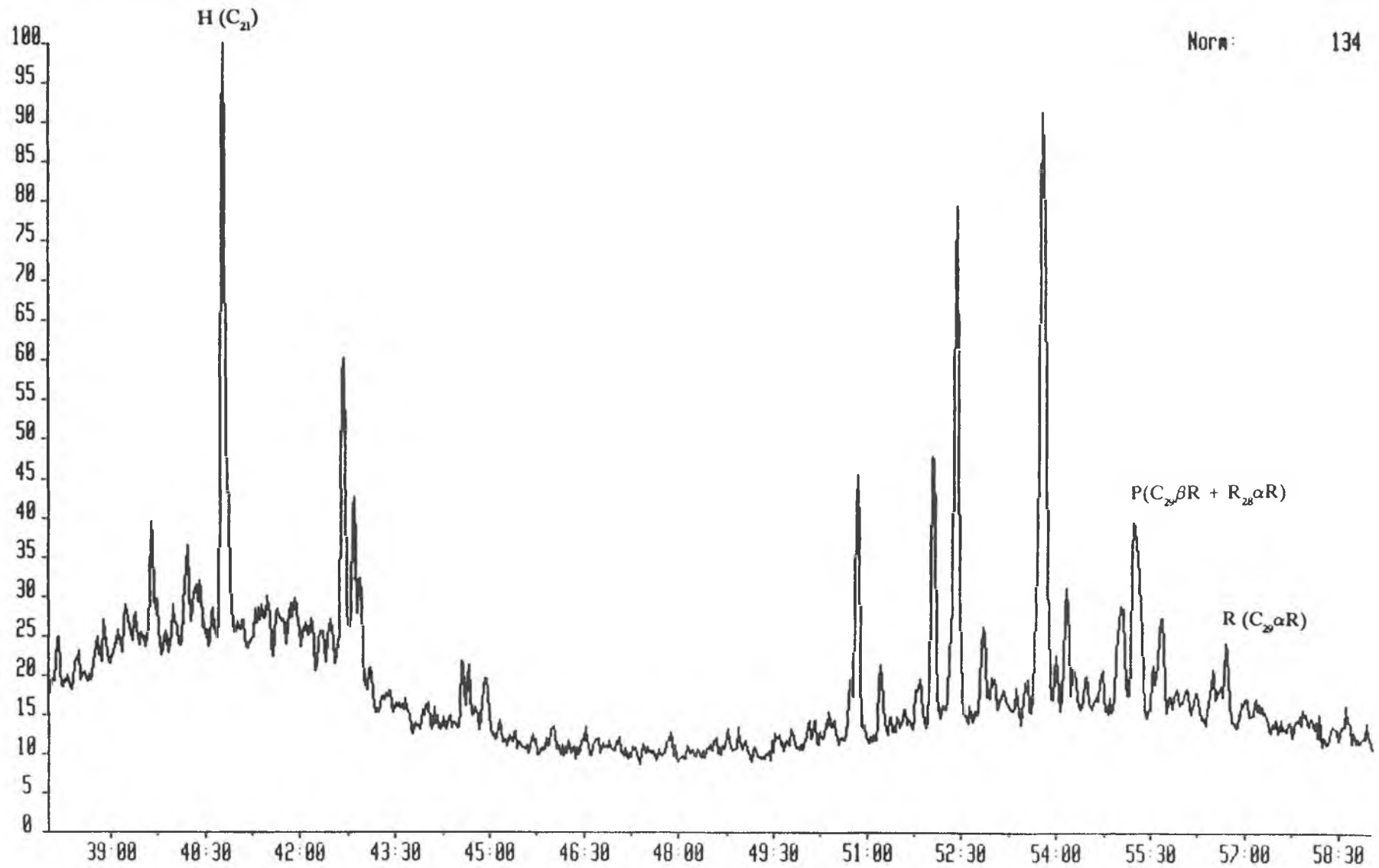


665GW 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 Mass 231.1174
Text:92H 72 AROMATICS

Norm: 2032

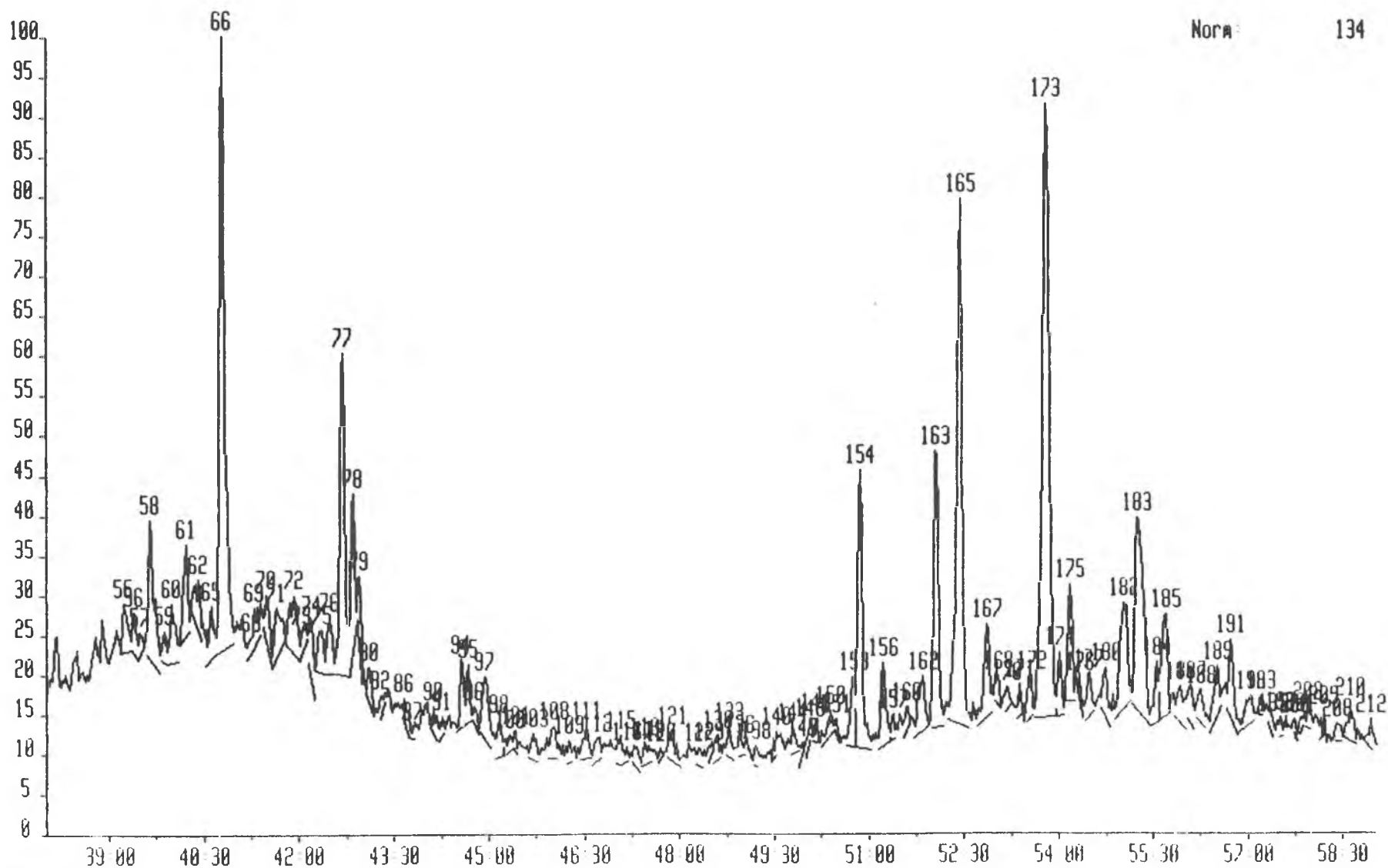


6656W 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 Mass 253.1956
Text: 92H 72 AROMATICS



665GW 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 5 Injection 1 Group 1 Mass 253.1956
Text:92H 72 AROMATICS

Norm 134



92H72

Mass =====	Ret. Time =====	Scan =====	No. =====	Peak Area =====	Peak Height =====
142.0782		0		0.00	0.00
156.0939		0		0.00	0.00
	0 19 27	1170	3	248.33	46.72
	0 19 57	1230	4	729.98	179.00
	0 20 3	1243	5	829.36	187.56
	0 20 35	1310	6	474.16	134.81
	0 20 42	1323	7	485.36	114.17
	0 21 6	1373	8	417.03	99.11
170.1095		0		0.00	0.00
	0 22 6	1497	2	185.61	53.71
	0 22 13	1512	3	255.47	71.78
	0 22 29	1544	4	201.37	63.00
	0 22 38	1562	5	241.73	75.44
	0 22 44	1576	6	932.32	262.81
	0 22 54	1596	7	1030.02	151.57
	0 23 7	1623	8	497.00	148.76
	0 23 19	1647	9	1025.89	224.89
	0 23 28	1665	10	3890.48	1076.42
	0 23 37	1684	11	6387.40	1748.72
	0 23 48	1707	12	423.07	95.95
	0 24 6	1745	13	6759.77	1945.10
	0 24 13	1758	14	4116.13	1095.51
	0 24 38	1811	15	9088.69	1180.90
	0 25 10	1877	16	1397.63	341.70
	0 25 23	1904	17	5426.80	1492.49
	0 25 56	1972	19	1333.56	345.19
	0 26 5	1990	20	228.57	65.84
	0 26 18	2016	21	289.25	68.66
	0 26 27	2035	22	650.31	159.64
	0 26 35	2052	23	453.58	123.79
	0 26 41	2064	24	460.25	121.68
	0 26 47	2077	25	245.39	69.21
	0 26 53	2089	26	197.39	60.58
178.0782		0		0.00	0.00
	0 31 7	2613	6	31996.73	8007.91
184.0344		0		0.00	0.00
	0 30 20	2515	1	6811.95	1708.57
192.0928		0		0.00	0.00
	0 32 50	2824	2	570.16	163.93
	0 32 55	2835	3	726.09	205.81
	0 33 12	2870	4	581.75	163.39
	0 34 19	3009	5	13870.32	3679.96
	0 34 29	3029	6	16029.78	4009.09
	0 35 0	3093	8	28674.52	7406.55
	0 35 8	3109	9	25073.73	6326.29
198.0501		0		0.00	0.00
	0 33 10	2866	1	10410.63	2724.03
	0 33 45	2939	2	5102.86	800.26
	0 34 21	3013	3	4695.48	1244.43
	0 35 40	3176	4	254.63	70.42
206.1088		0		0.00	0.00
	0 35 27	3148	2	584.54	146.01
	0 36 48	3316	6	1149.46	299.70
	0 37 14	3369	7	6161.86	709.97
	0 37 31	3404	8	3833.08	981.64
	0 37 38	3419	9	2271.27	565.17
	0 38 0	3463	10	27063.86	5897.24
	0 38 9	3483	11	14092.06	2831.94
	0 38 18	3502	12	12711.42	3216.78
	0 38 28	3521	13	3202.47	810.63

253.1956

0 38 34	3534	14	8559.13	2156.80
	0		0.00	0.00
0 39 12	3613	55	38.68	8.28
0 39 22	3633	56	20.82	6.81
0 39 28	3646	57	8.99	3.92
0 39 38	3667	58	122.94	23.78
0 39 52	3694	59	16.70	5.31
0 39 58	3708	60	44.55	10.19
0 40 12	3736	61	56.68	15.62
0 40 23	3759	62	43.70	8.24
0 40 36	3785	65	36.62	9.29
0 40 46	3806	66	498.94	103.50
0 41 14	3863	68	9.26	3.11
0 41 16	3869	69	30.69	7.05
0 41 28	3893	70	34.57	7.84
0 41 37	3912	71	50.33	8.92
0 41 54	3946	72	70.53	9.79
0 42 1	3960	73	18.17	5.01
0 42 10	3980	74	37.29	9.89
0 42 20	4001	75	35.64	7.29
0 42 28	4017	76	42.27	9.61
0 42 39	4040	77	241.43	54.18
0 42 50	4061	78	72.63	26.02
0 42 55	4073	79	31.90	11.42
0 43 5	4093	80	18.91	5.88
0 43 17	4117	82	6.44	3.30
0 43 38	4161	86	16.76	3.95
0 43 47	4179	87	5.36	2.16
0 44 6	4219	90	11.28	4.71
0 44 14	4236	91	8.80	3.40
0 44 33	4275	94	34.27	11.47
0 44 39	4287	95	26.38	9.88
0 44 45	4299	96	8.50	2.88
0 44 55	4320	97	61.98	10.67
0 45 9	4348	98	30.64	6.41
0 45 18	4368	100	8.56	2.83
0 45 24	4380	101	5.71	3.63
0 45 41	4415	103	16.98	4.52
0 46 0	4454	108	23.67	5.49
0 46 14	4483	109	7.66	3.86
0 46 31	4517	111	21.42	5.67
0 46 41	4538	112	19.25	4.03
0 47 2	4582	115	16.54	4.93
0 47 9	4596	116	5.94	2.51
0 47 18	4614	117	16.20	3.55
0 47 25	4629	118	9.66	4.04
0 47 29	4638	119	8.60	3.06
0 47 41	4661	120	3.42	2.33
0 47 52	4684	121	29.54	5.20
0 48 16	4735	127	11.59	3.10
0 48 27	4756	129	4.95	2.25
0 48 34	4772	130	16.37	4.32
0 48 46	4795	133	15.00	5.11
0 48 56	4817	136	7.54	2.86
0 49 10	4846	138	6.05	3.37
0 49 30	4887	140	6.95	4.22
0 49 46	4919	144	15.05	4.77
0 49 55	4938	145	4.50	2.33
0 50 2	4953	146	7.03	3.22
0 50 7	4964	148	3.78	4.10
0 50 21	4992	150	13.98	4.26
0 50 27	5005	151	5.27	2.86
0 50 43	5038	153	48.76	11.93
0 50 49	5050	154	216.91	47.11
0 51 12	5097	156	62.61	14.13
0 51 22	5117	157	10.00	4.06

0	51	34	5142	160	10.54	3.84
0	51	50	5175	162	55.57	9.20
0	52	1	5198	163	207.67	46.72
0	52	24	5245	165	450.17	88.93
0	52	49	5298	167	82.05	15.89
0	53	0	5319	168	14.39	4.85
0	53	9	5338	170	8.56	4.05
0	53	21	5364	171	12.25	5.53
0	53	32	5386	172	28.48	7.26
0	53	45	5412	173	721.01	103.61
0	53	59	5441	174	36.09	10.83
0	54	9	5461	175	78.71	19.84
0	54	19	5482	176	14.40	4.75
0	54	27	5499	177	32.36	7.30
0	54	43	5532	180	34.47	8.66
0	55	0	5567	182	135.78	18.20
0	55	13	5593	183	284.66	32.50
0	55	32	5633	184	39.73	10.24
0	55	40	5650	185	106.90	17.44
0	55	54	5679	186	40.07	6.38
0	56	4	5700	187	27.71	6.71
0	56	14	5719	188	28.33	5.75
0	56	29	5751	189	41.24	8.42
0	56	41	5776	191	56.64	12.80
0	57	1	5816	192	33.54	4.80
0	57	10	5836	193	4.26	3.25
0	57	22	5859	195	8.47	3.12
0	57	29	5874	198	5.82	3.52
0	57	43	5903	200	4.91	2.87
0	57	49	5915	201	4.21	2.64
0	57	55	5927	202	9.27	3.68
0	58	11	5960	205	9.04	4.07
0	58	24	5987	208	9.08	3.17
0	58	35	6010	210	23.03	6.47
0	58	55	6051	212	8.23	5.15
			0		0.00	0.00
0	45	11	4353	34	183.71	53.75
0	45	18	4368	35	180.20	42.02
0	46	28	4511	39	240.78	43.42
0	47	15	4609	43	3113.48	708.34
0	47	47	4674	45	303.42	69.76
0	49	16	4858	49	3391.74	787.73
0	51	12	5098	53	614.62	144.53
0	51	29	5133	54	494.36	106.19
0	56	39	5771	64	389.49	77.76
0	56	49	5791	65	2871.40	572.10
0	58	5	5949	68	11347.52	1940.07
0	58	25	5990	69	144.70	39.60
0	58	55	6052	71	625.37	141.18
0	59	9	6080	72	6444.66	942.25
0	59	42	6148	73	4951.57	843.22
0	59	57	6179	74	1372.71	289.91
1	0	6	6199	75	674.52	141.68
1	0	34	6255	76	595.42	102.75
1	1	1	6311	77	6838.12	1029.65
1	2	5	6443	81	1494.34	266.07

231.1174

Figure 11.7

AROMATIC MASS FRAGMENTOGRAMS

DEPTH: 2613.0m

SAMPLE NO.: 2H 74

Total Ion Current

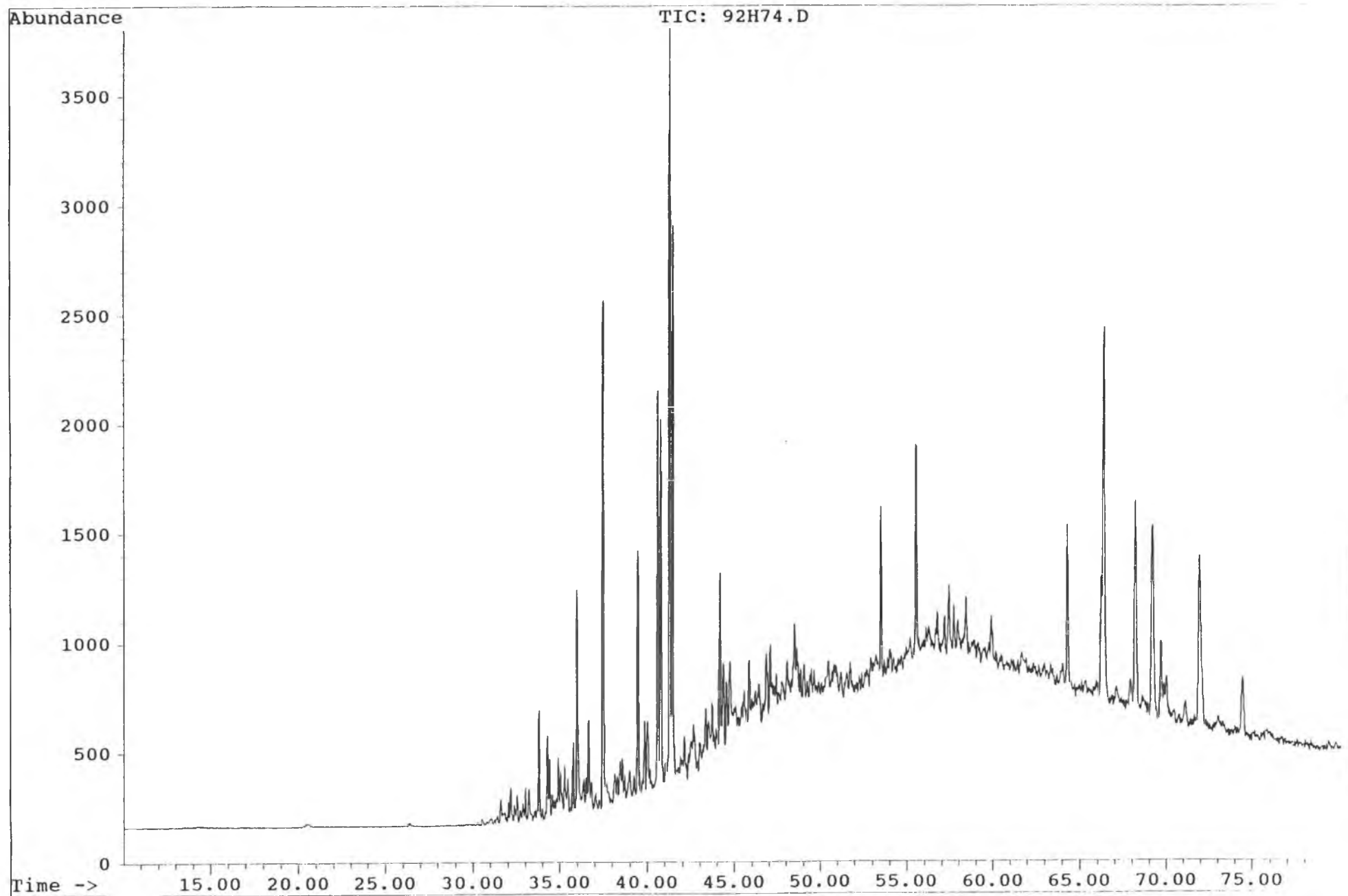
M/Z 178

M/Z 192

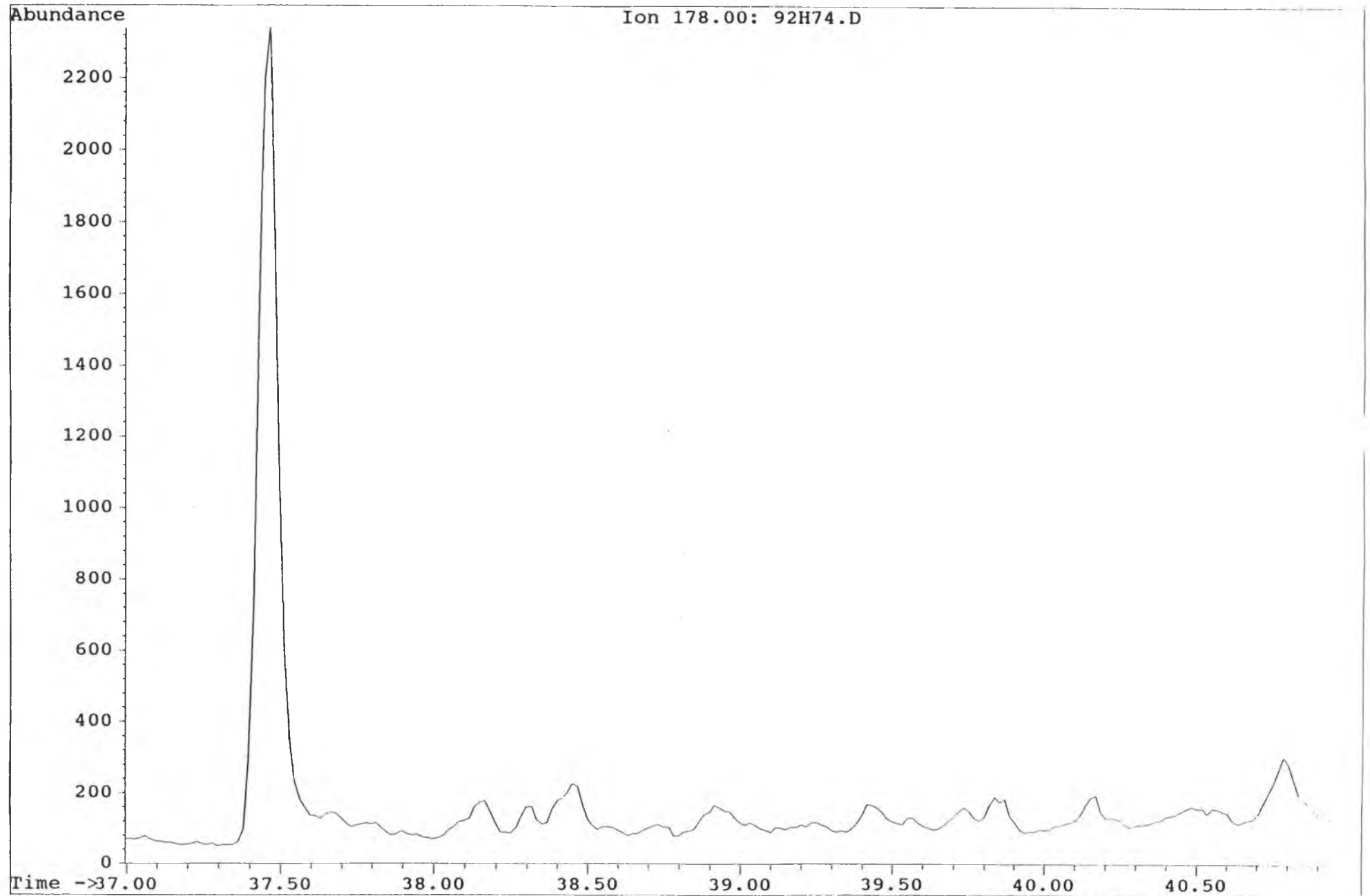
M/Z 231

M/Z 253

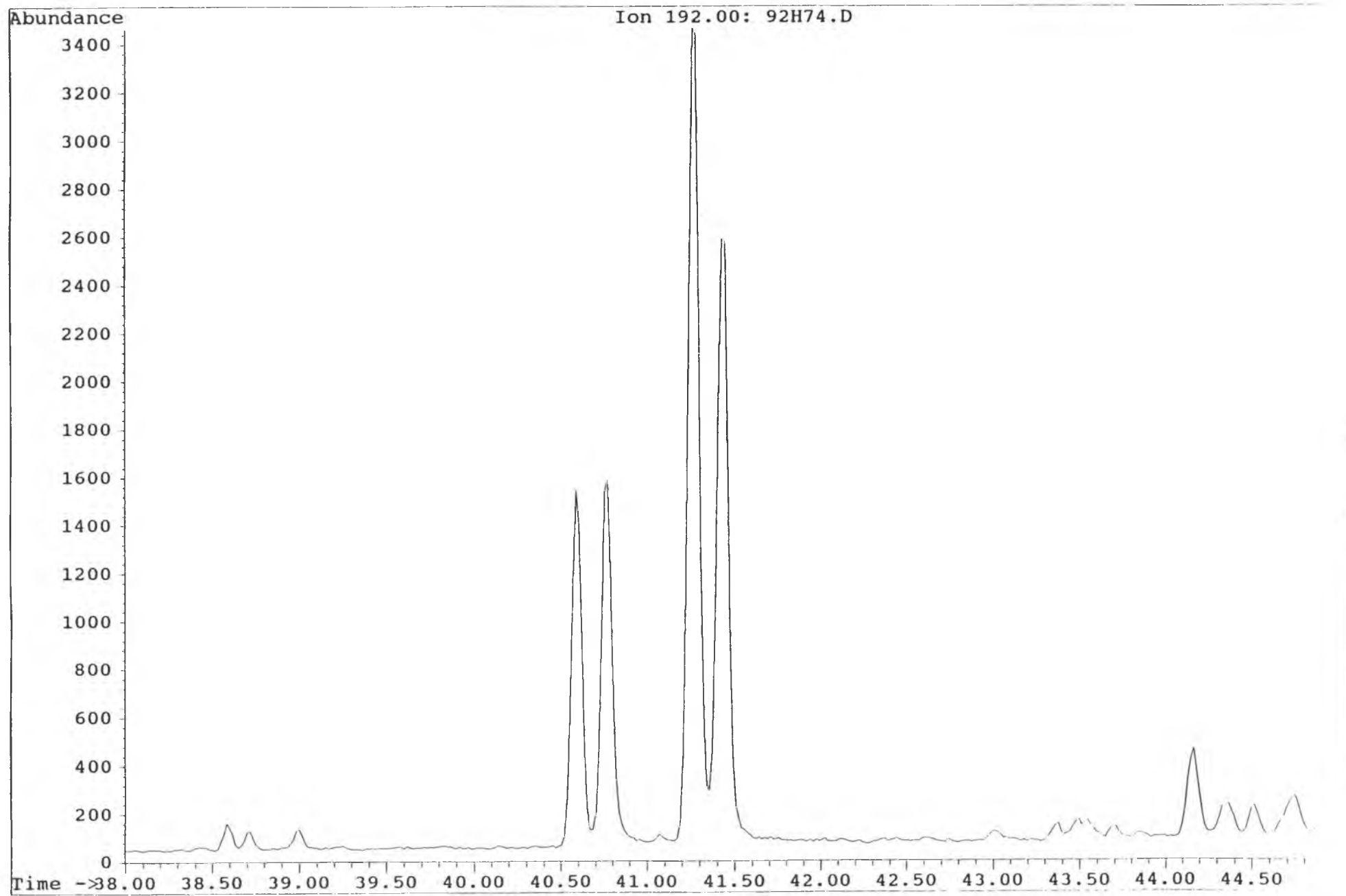
WELL: 34/7-7 SAMPLE: 92H 74 Arom



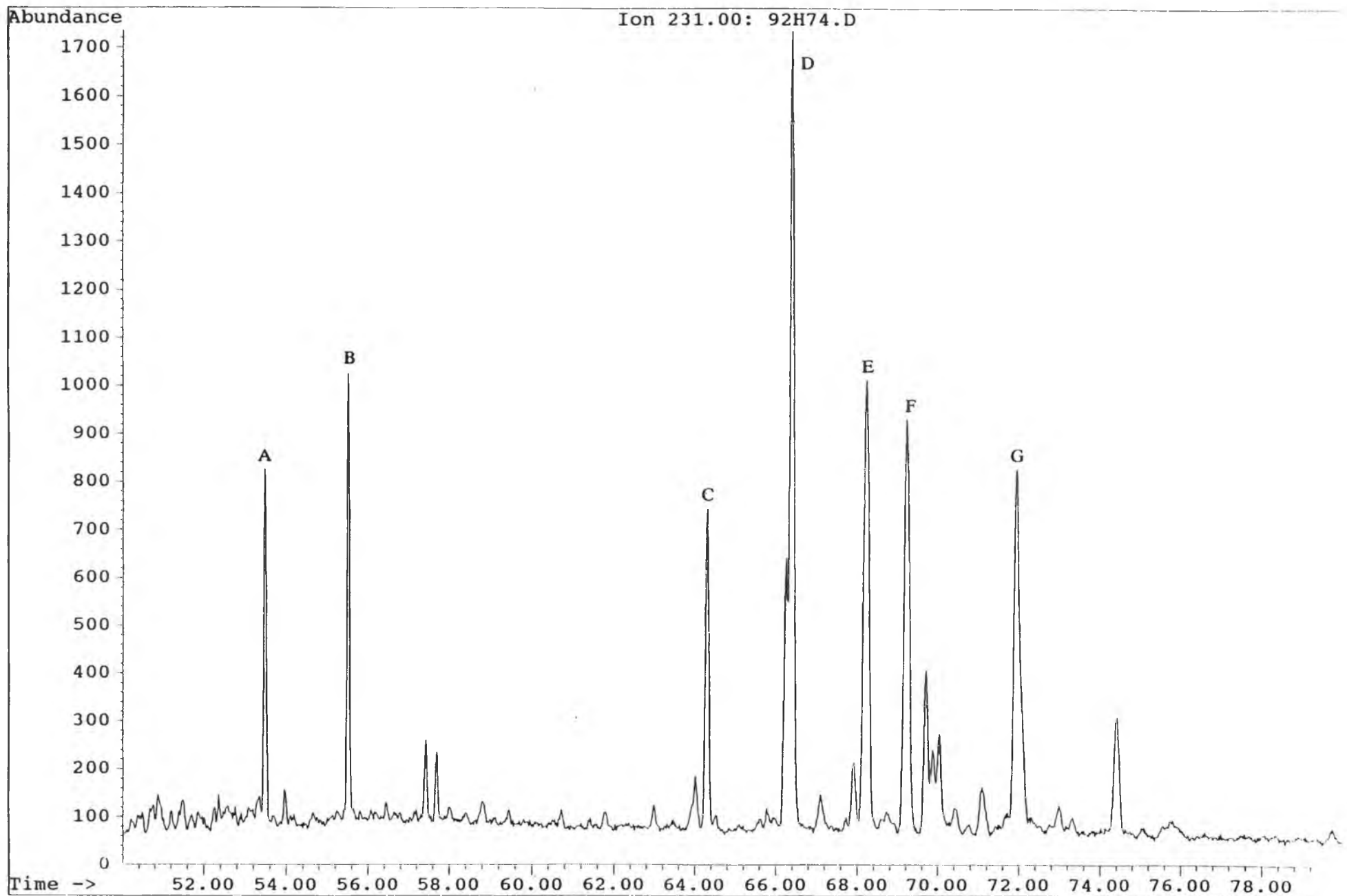
WELL: 34/7-7 SAMPLE: 92H 74 Arom



WELL: 34/7-7 SAMPLE: 92H 74 Arom



WELL: 34/7-7 SAMPLE: 92H 74 Arom



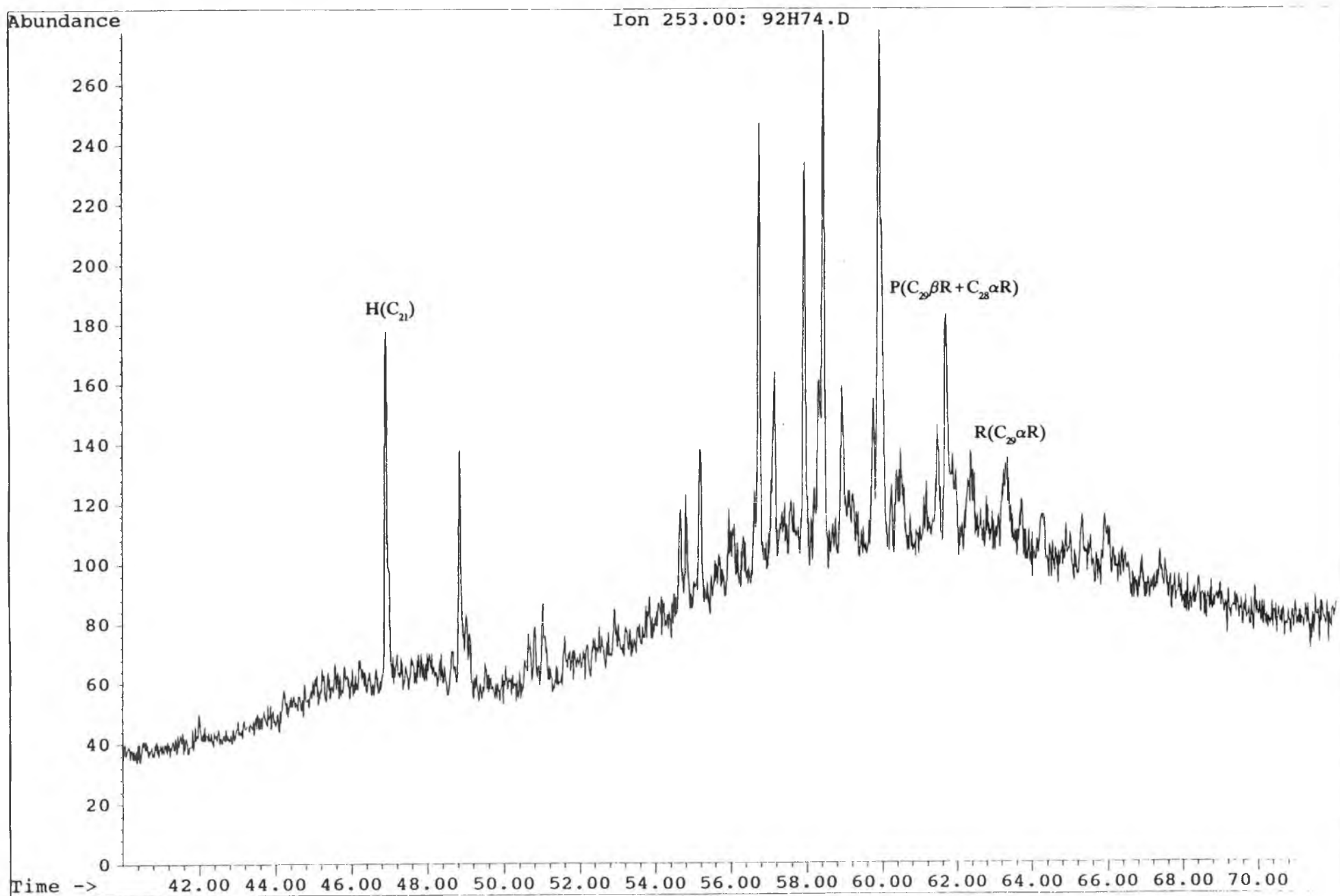


Figure 11.8

AROMATIC MASS FRAGMENTOGRAMS

DEPTH: 2641.5m

SAMPLE NO.: 2H 77

Total Ion Current

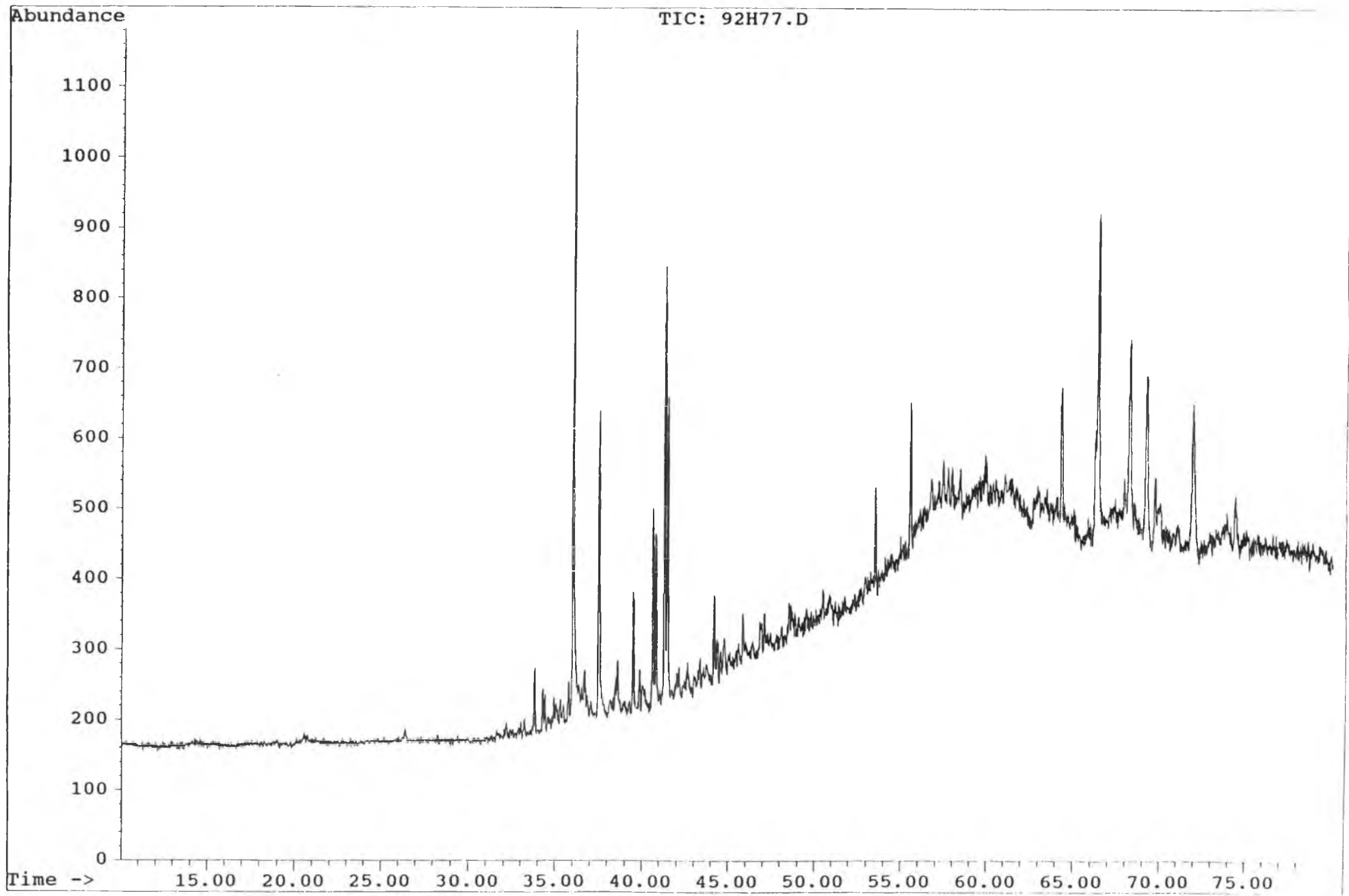
M/Z 178

M/Z 192

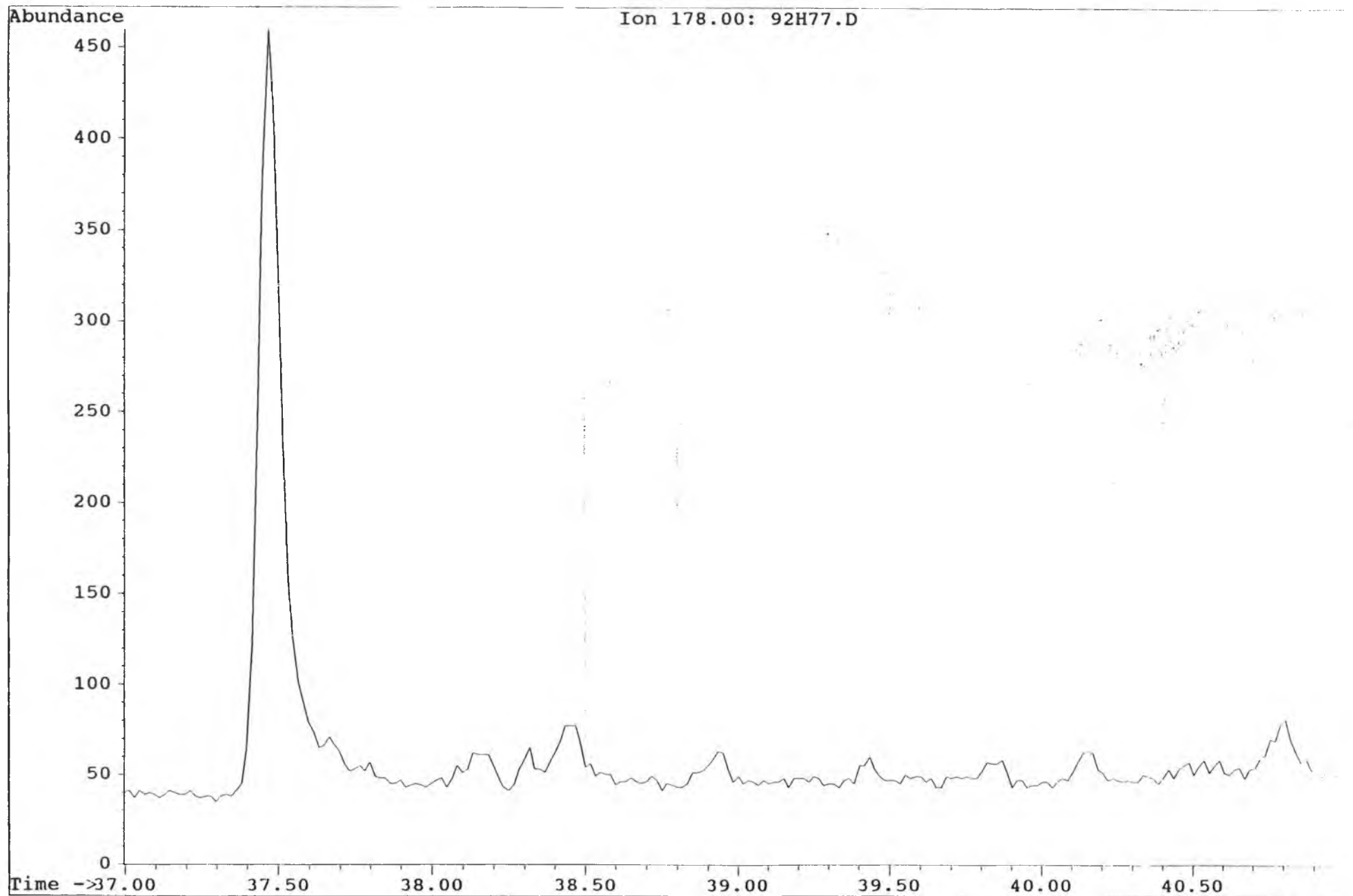
M/Z 231

M/Z 253

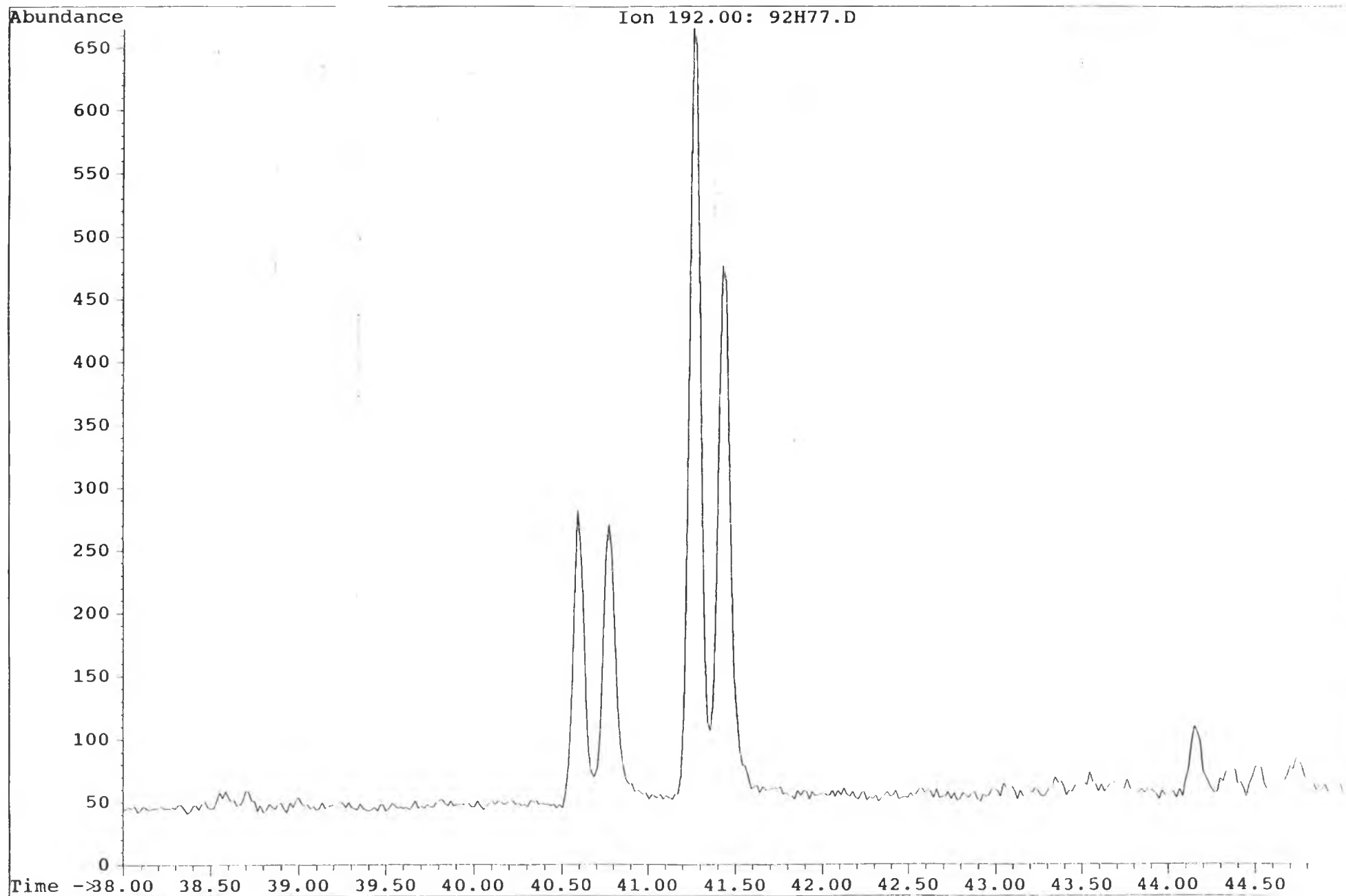
WELL: 34/7-7 SAMPLE: 92H 77 Arom



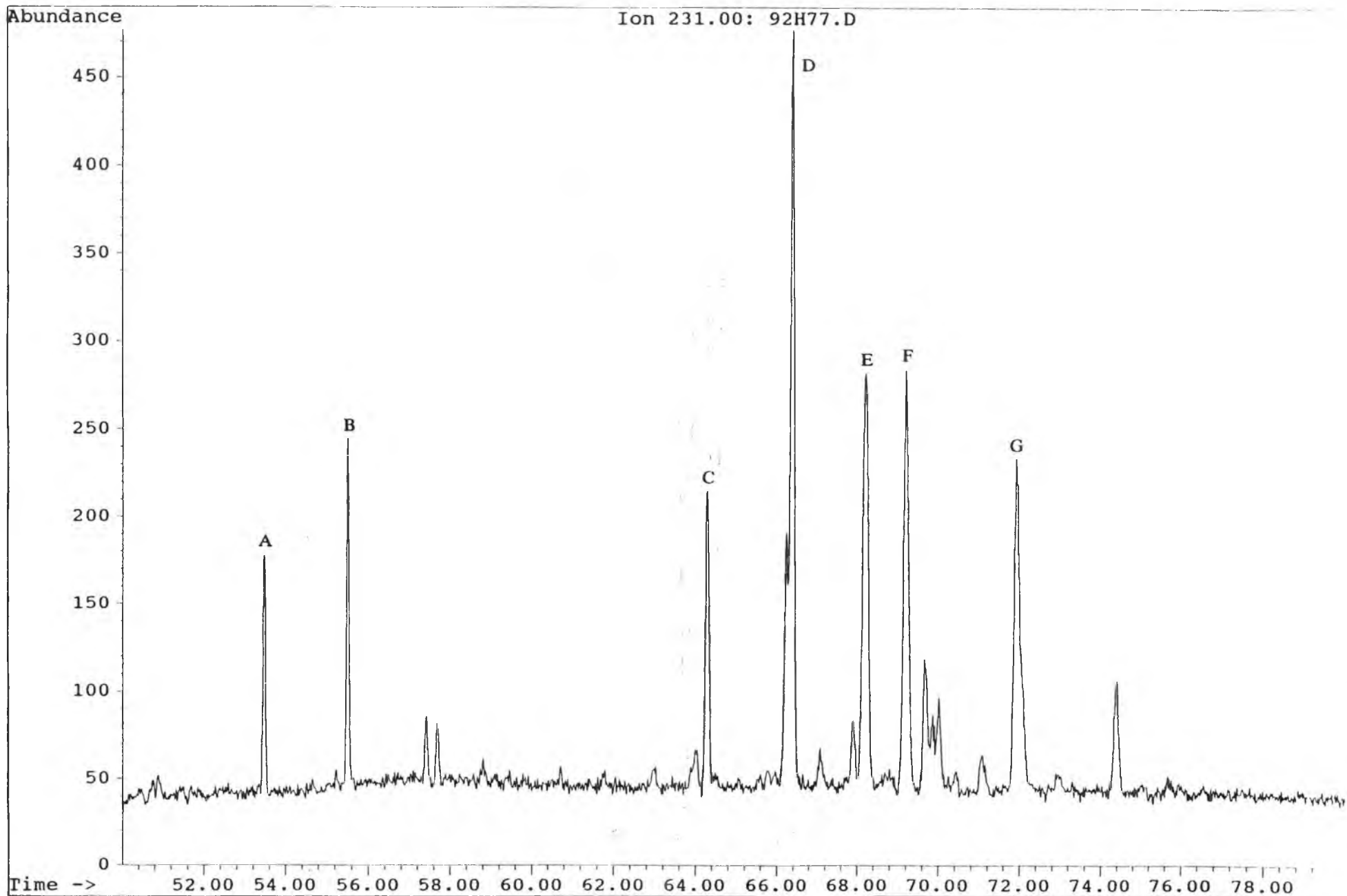
WELL : 34/7-7 SAMPLE : 92H 77 Arom



WELL: 34/7-7 SAMPLE: 92H 77 Arom



WELL: 34/7-7 SAMPLE: 92H 77 Arom



WELL: 34/7-7 SAMPLE: 92H 77 Arom

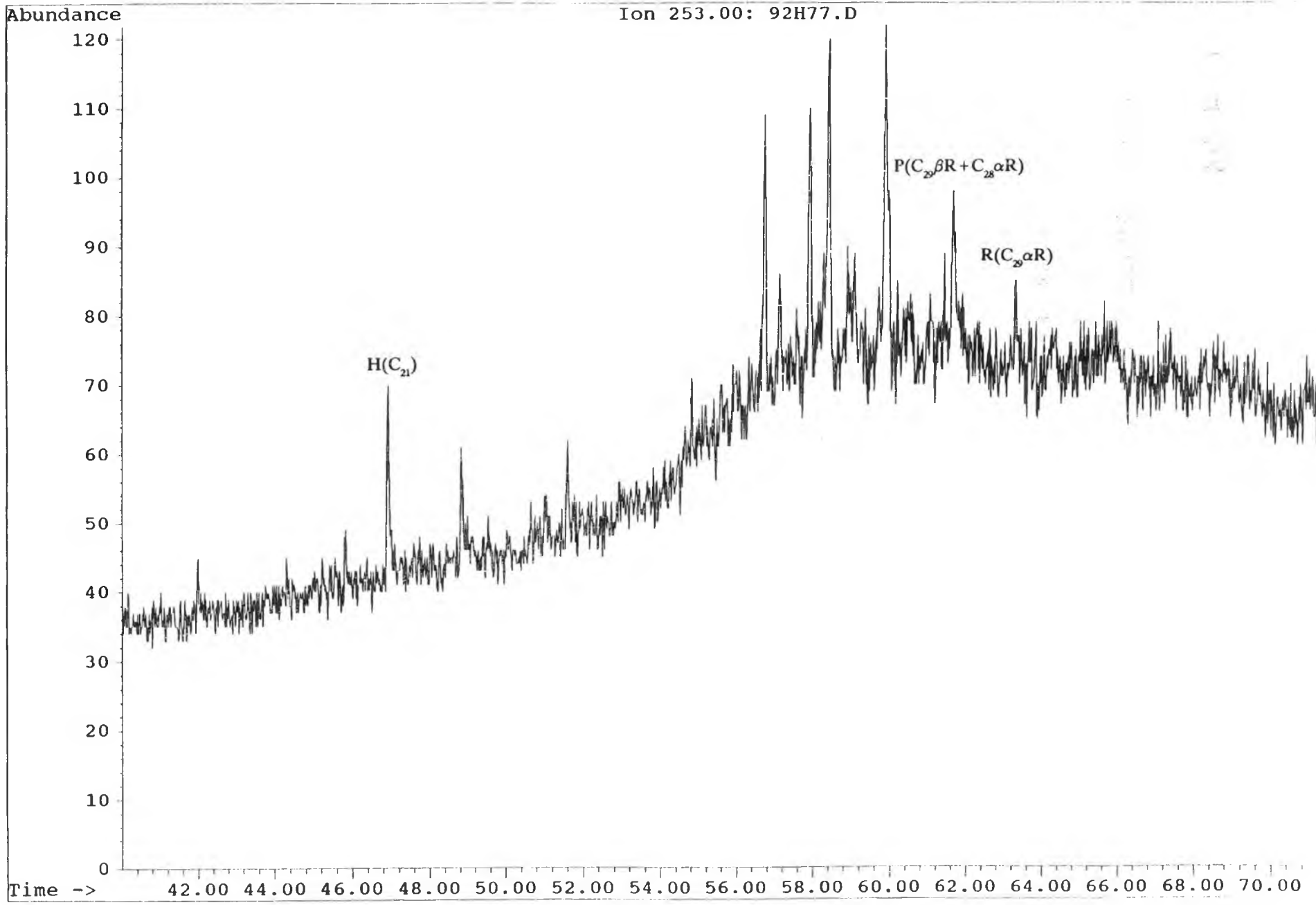


Figure 11.9

AROMATIC MASS FRAGMENTOGRAMS

DEPTH: 2643.0m

SAMPLE NO.: 2H 78

Total Ion Current

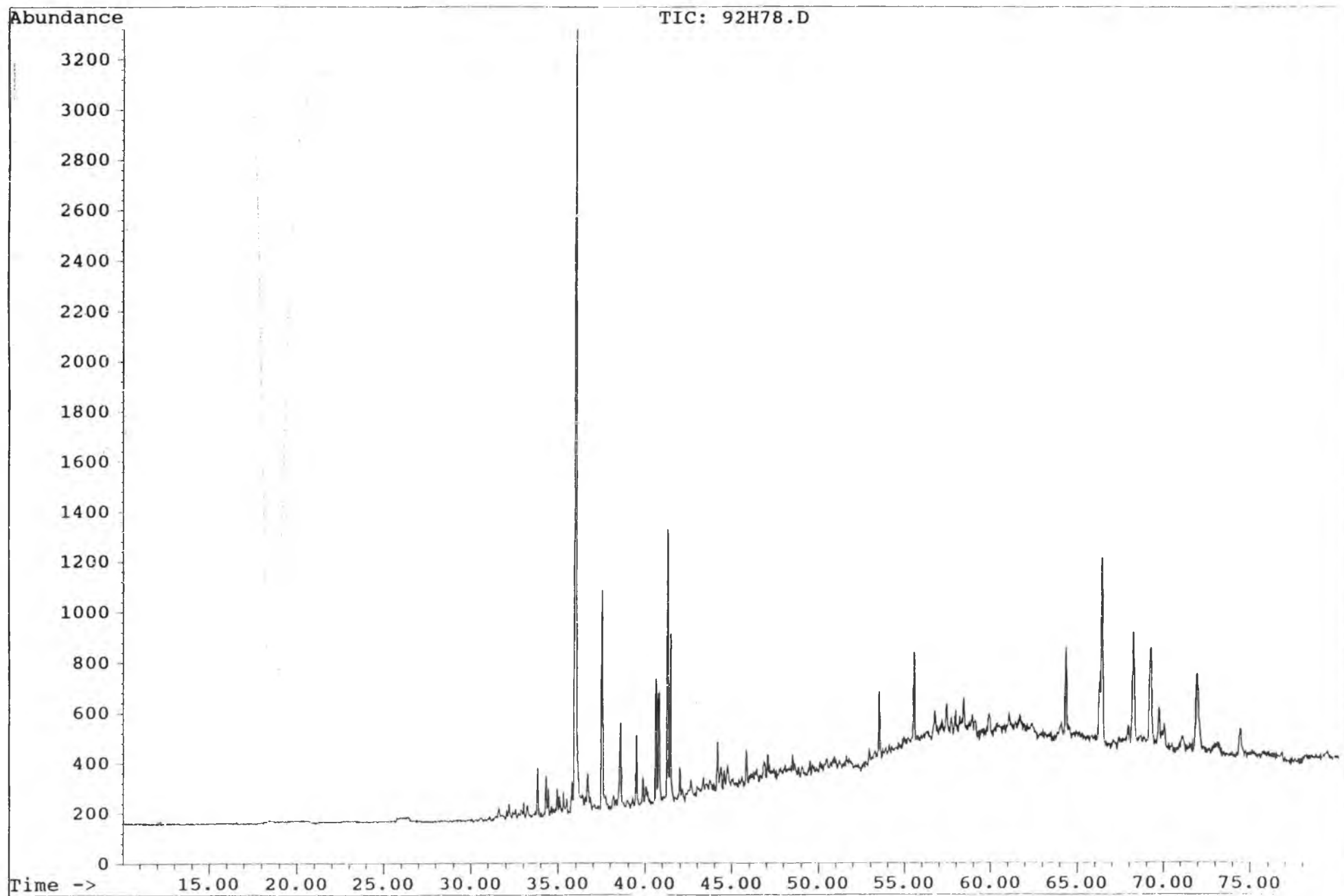
M/Z 178

M/Z 192

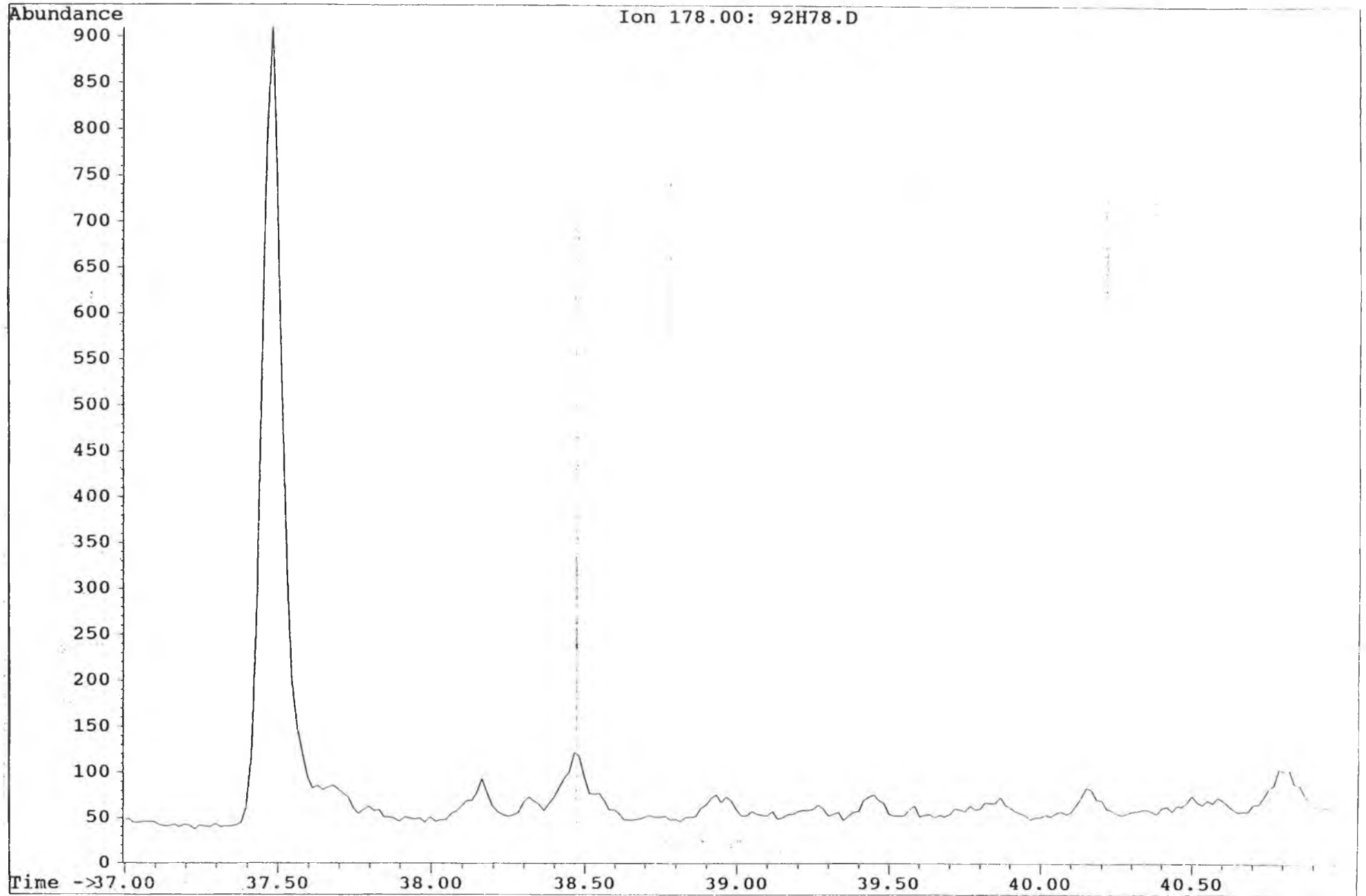
M/Z 231

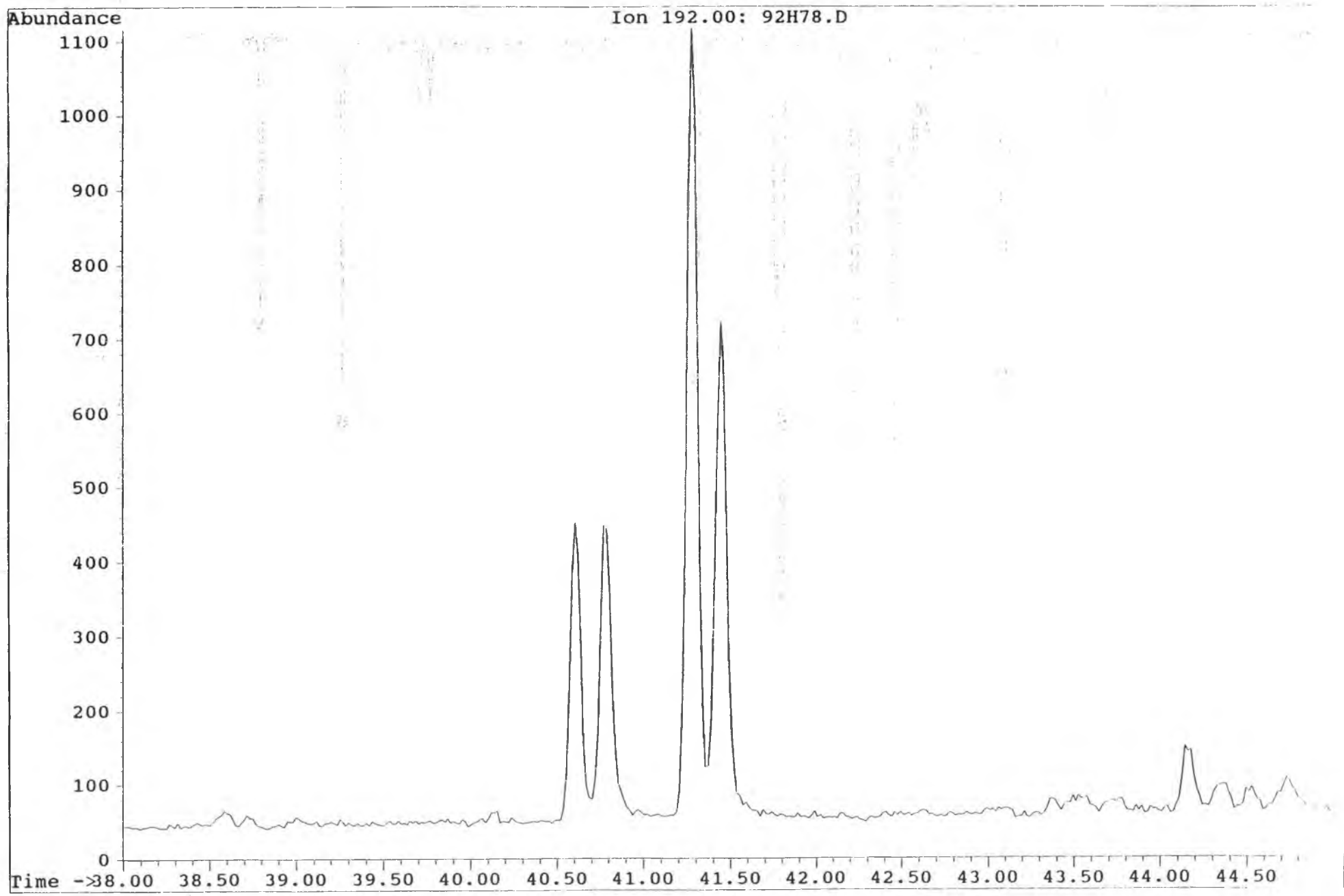
M/Z 253

WELL: 34/7-7 : SAMPLE: 92H 78 Arom

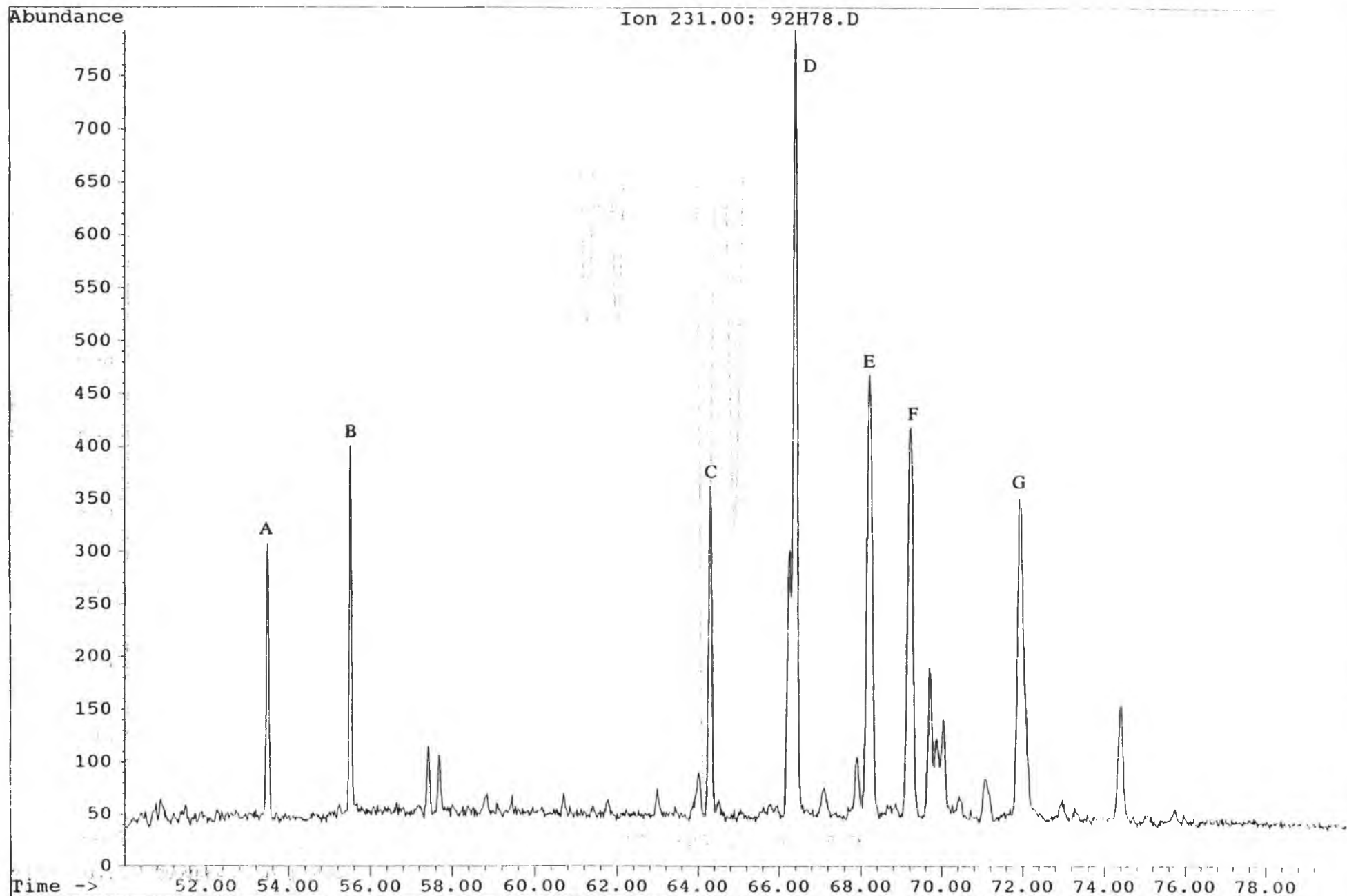


WELL : 34/7-7 SAMPLE : 92H 78 Arom





WELL: 34/7-7 SAMPLE: 92H 78 Arom



WELL: 34/7-7 SAMPLE: 92H 78 Arom

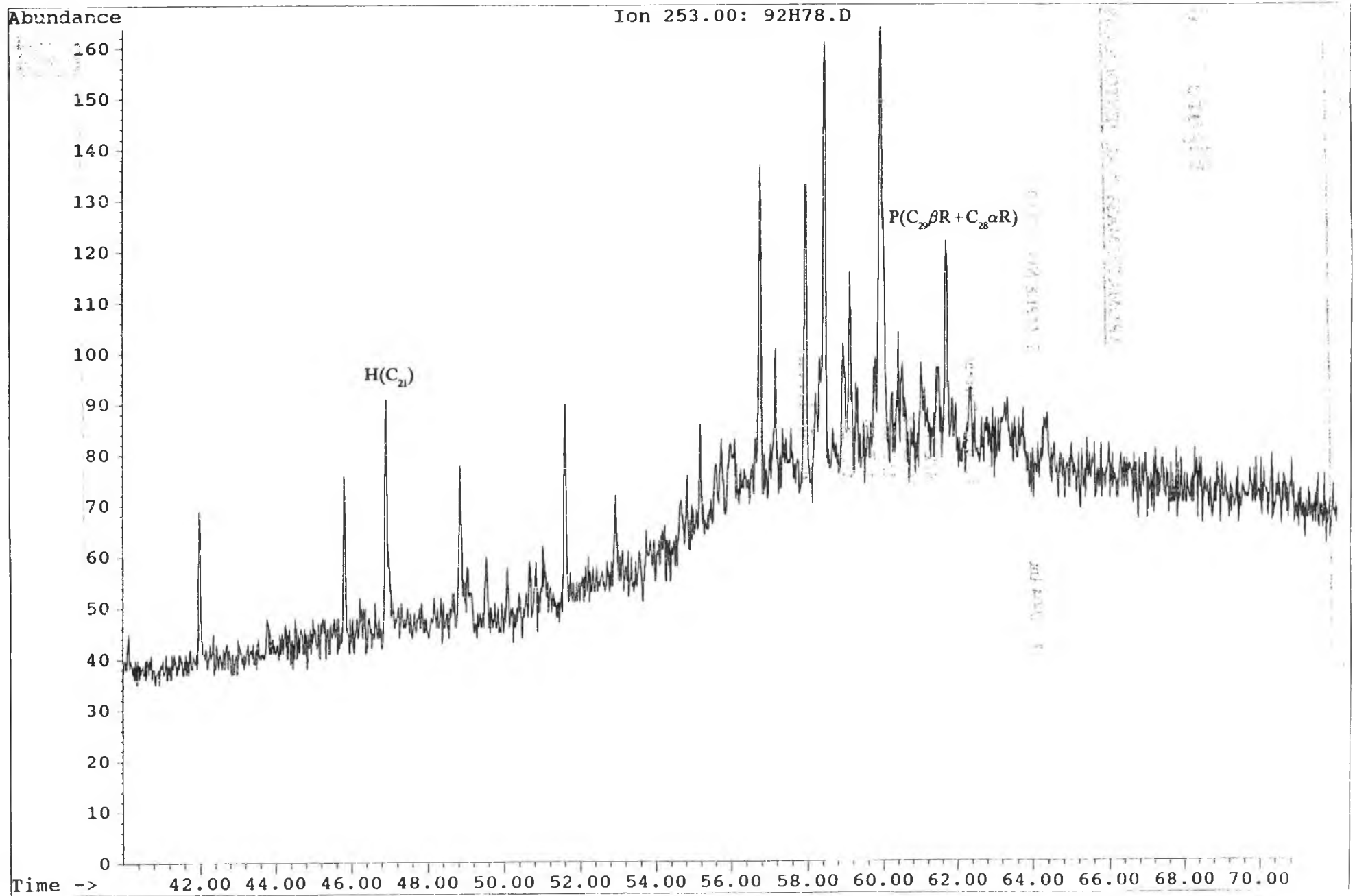


Figure 11.10

AROMATIC MASS FRAGMENTOGRAMS

DEPTH: 2904.1m

SAMPLE NO.: 2H 80

Total Ion Current

M/Z 178

M/Z 192

M/Z 206

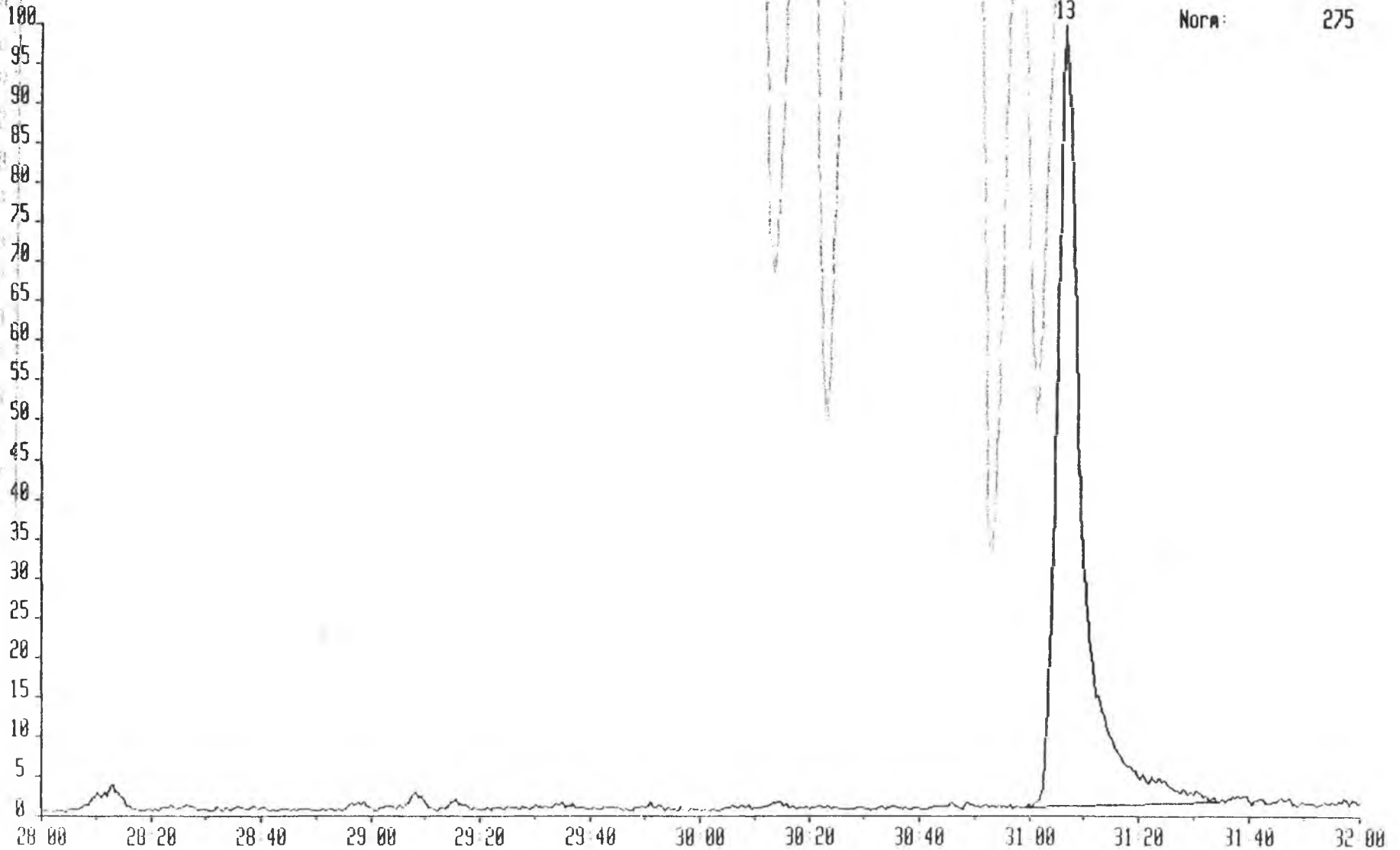
M/Z 231

M/Z 253

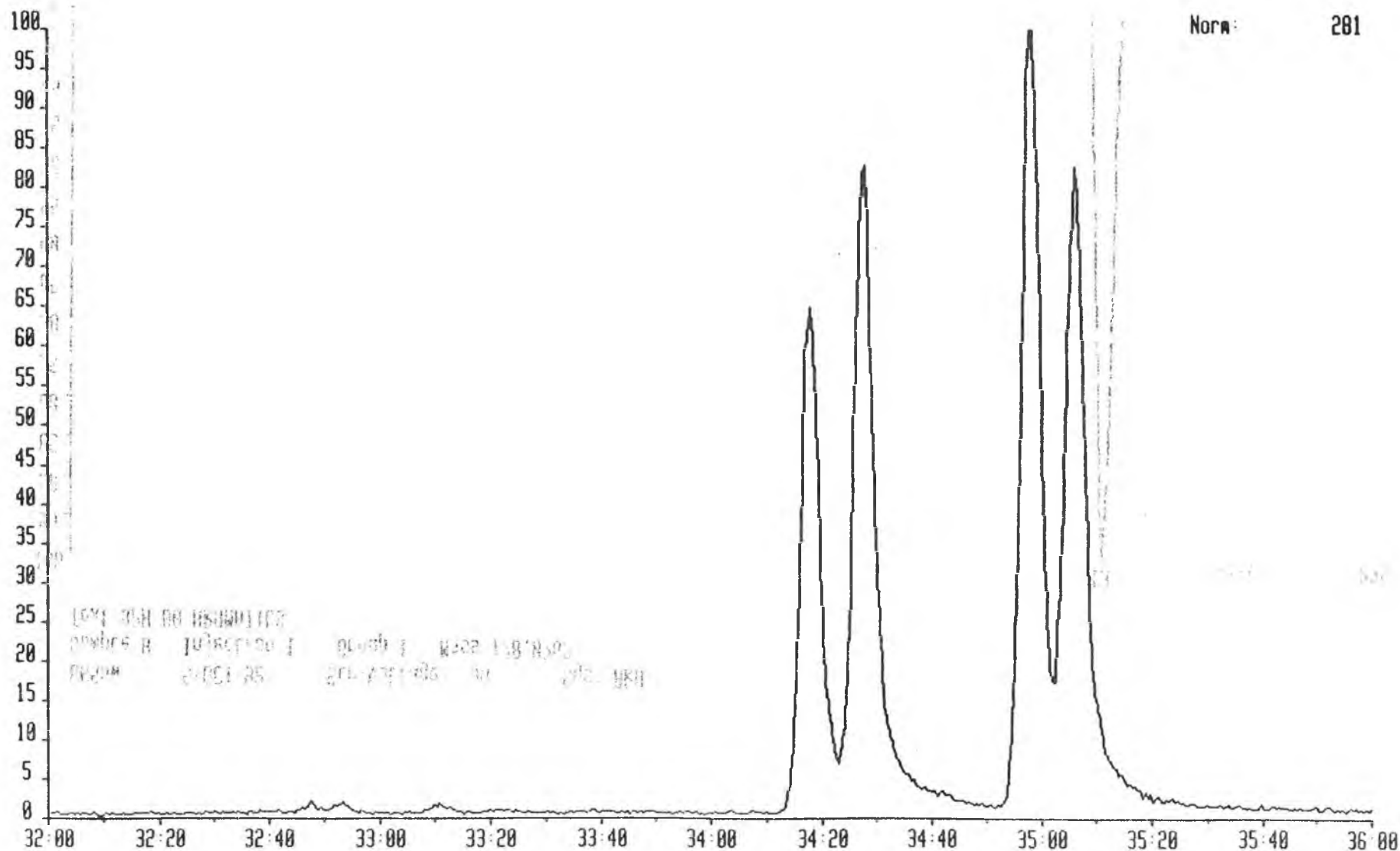
Quantification data



665GW 5-OCT-92 Sir:Voltage 70H Sys: ARD
Sample 0 Injection 1 Group 1 Mass 178.0782
Text: 92H 00 AROMATICS

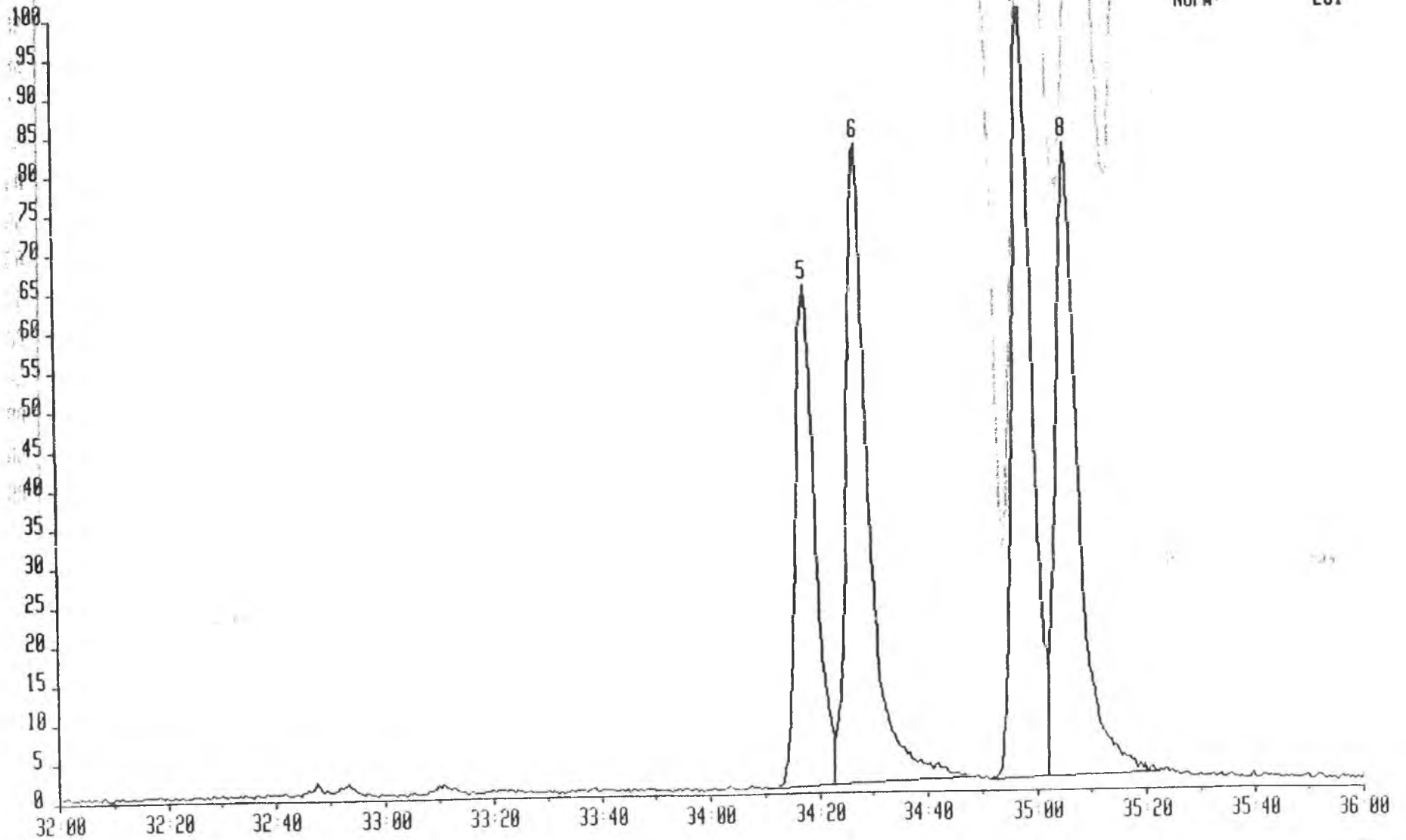


665GM 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample B Injection 1 Group 1 Mass 192.0928
Text:92H 80 AROMATICS

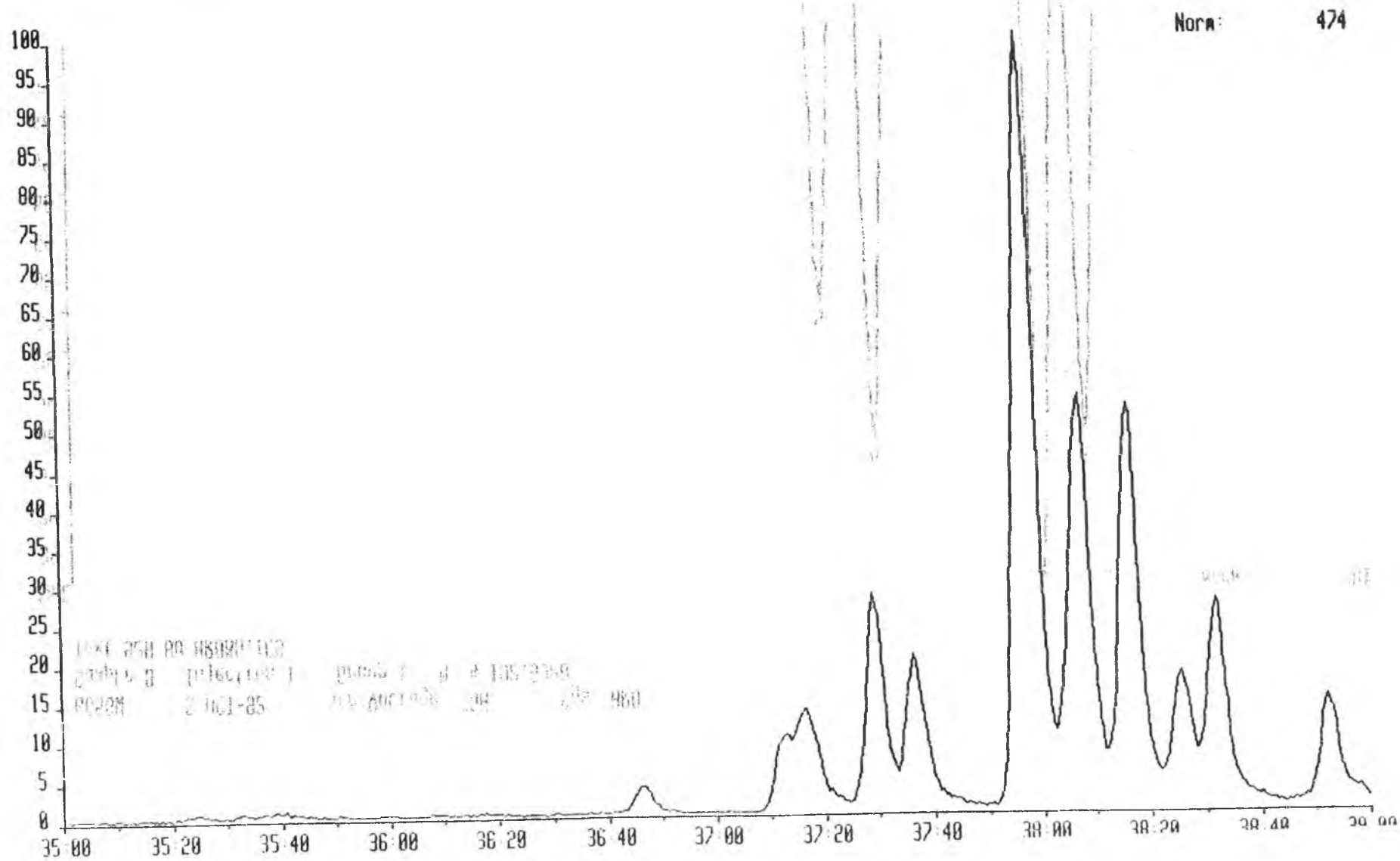


665GW 5-OCT-92
Sample 8 Injection 1
Text: 92H 80 AROMATICS

Sir: Voltage 70H Sys: ARO
Group 1 Mass 192.0928



6656W 5-OCT-92 Sir:Voltage 70H Sys: ARO
Sample 8 Injection 1 Group 1 Mass 206.1000
Text: 92H 00 AROMATICS



0	45	31	4393	67	3.15	1.51
0	45	47	4426	70	2.76	1.91
0	46	15	4484	74	7.95	2.01
0	46	35	4526	76	2.27	1.08
0	46	46	4549	77	7.83	1.55
0	47	13	4604	79	55.88	14.23
0	47	44	4668	82	2.25	1.14
0	47	54	4689	85	1.84	0.97
0	48	23	4749	90	0.79	0.64
0	49	15	4855	97	42.19	10.25
0	50	9	4968	103	1.17	0.85
0	50	45	5042	107	1.58	0.89
0	51	11	5094	110	6.16	1.89
0	51	26	5125	112	2.08	1.17
0	53	40	5403	129	2.43	1.02
0	55	54	5679	145	1.82	1.82
0	56	39	5772	155	2.86	1.15
0	56	45	5784	156	25.87	5.80
0	57	14	5843	159	1.54	0.72
0	57	42	5901	163	0.71	0.49
0	58	2	5943	165	86.24	16.27
0	58	22	5984	167	2.84	1.86
0	58	40	6021	169	3.27	1.23
0	58	53	6048	171	5.04	1.40
0	59	6	6074	172	55.12	9.55
0	59	40	6144	174	40.55	7.32
0	59	53	6172	175	19.70	4.04
1	0	3	6192	176	7.35	2.60
1	0	21	6229	179	2.37	1.37
1	0	30	6248	180	10.58	2.28
1	0	57	6304	183	64.26	10.16
1	1	26	6364	187	2.92	1.67
1	1	42	6397	190	3.39	1.53
1	1	52	6416	193	3.76	1.52
1	2	2	6437	194	15.89	3.65
1	2	9	6452	195	2.55	1.31
1	2	16	6467	196	4.62	1.86
1	2	35	6505	200	2.46	1.44
1	2	42	6520	201	4.65	2.50
1	3	56	6672	217	2.97	1.35

