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Title

GEOCHEMICAL DATA REPORT FOR WELL 15/3-1S

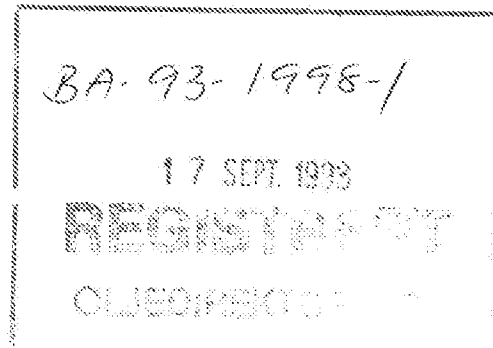
Authors(s)

NIGEL MILLS

Abstract

Ten samples from the cored interval in well 15/3-1S have been analysed by Iatroscan (TLC-FID) and the saturated hydrocarbon fractions from 2 samples were analysed by GC-FID and GC/MS. The aromatic hydrocarbon fractions were also analysed by GC-FID.


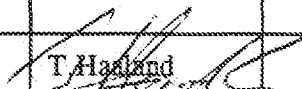
NOT INCLUDED IN WELL TRADE.



Key Words

15/3-1, geochemistry, GC-FID, GC/MS, Iatroscan

Classification: Free Saga and partners Internal Confidential Strictly confidential

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1 Objectives

The objective of this study was to characterise the extractable hydrocarbons in ten core samples from well 15/3-1.

2 General well information

The wells were drilled by Elf as operator of licence 025 from 27.11.74 to 6.7.75 and reached a total depth of 5132 mRKB. The KB of the rig was 25 metres, and the water depth was 109 metres.

3 Samples and analytical scheme

Ten samples were picked from the cored interval in the wells on the 7th of September 1992. All samples were analysed by Iatroscan (TLC-FID), and the saturated hydrocarbon fractions from two samples were analysed by GC-FID and GC/MS. The aromatic hydrocarbon fractions were also analysed by GC-FID.

4 Vitrinite reflectance

No samples were analysed.

5 TOC and Rock Eval

No samples were analysed.

6 Iatroscan (TLC-FID)

Ten samples were analysed, and the results are tabulated in table 1.

7 GC-FID

The saturated and aromatic hydrocarbon fractions from 2 samples were analysed by GC-FID. Since the evaporative loss has affected the relative concentration of individual compounds, no ratios were calculated. The GC-FID chromatograms are shown in figure 1.

8 GC/MS

The saturated hydrocarbon fraction from the 2 samples were analysed by GC/MS and the mass chromatograms for m/z 191, 177, 217 and 218 are shown in figure 2.

9 Stable carbon isotopes

No samples were analysed.

Tab. 1

SAGLAB RESULTS MANAGEMENT : EXTRACTION ANALYSIS RESULTS in mg/g Rock

Data for Well 15/3-1S

Page 1

Type	St.Depth	En.Depth	Weight (g)	EOM mg/g Rock	EOM mg/g TOC	Sat (mg/g)	Aro (mg/g)	NSO (mg/g)	Asph (mg/g)	Polars (mg/g)	TOC (%)	M/I
CCP	4083.70	4083.70	3.16	2.98		2.17	0.47			0.34		I
CCP	4087.90	4087.90	3.03	0.11		0.00	0.00			0.11		I
CCP	4141.90	4141.90	2.50	0.08		0.00	0.00			0.08		I
CCP	4143.30	4143.30	2.76	3.89		2.98	0.62			0.29		I
CCP	4148.85	4148.85	3.14	0.12		0.07	0.00			0.05		I
CCP	4991.75	4991.75	2.86	0.05		0.03	0.00			0.02		I
CCP	4993.25	4993.25	2.63	0.07		0.03	0.00			0.04		I
CCP	5020.00	5020.00	1.83	2.27		0.56	0.94			0.77		I
CCP	5035.00	5035.00	1.46	6.10		0.34	1.62			4.14		I
CCP	5055.00	5055.00	1.72	3.68		1.41	1.13			1.14		I
Averages this Well:				1.94	0.00	0.76	0.48	0.00	0.00	0.70	0.00	
Averages all Wells:				1.94	0.00	0.76	0.48	0.00	0.00	0.70	0.00	

10 RESULT(s) selected ... from the following search criteria:

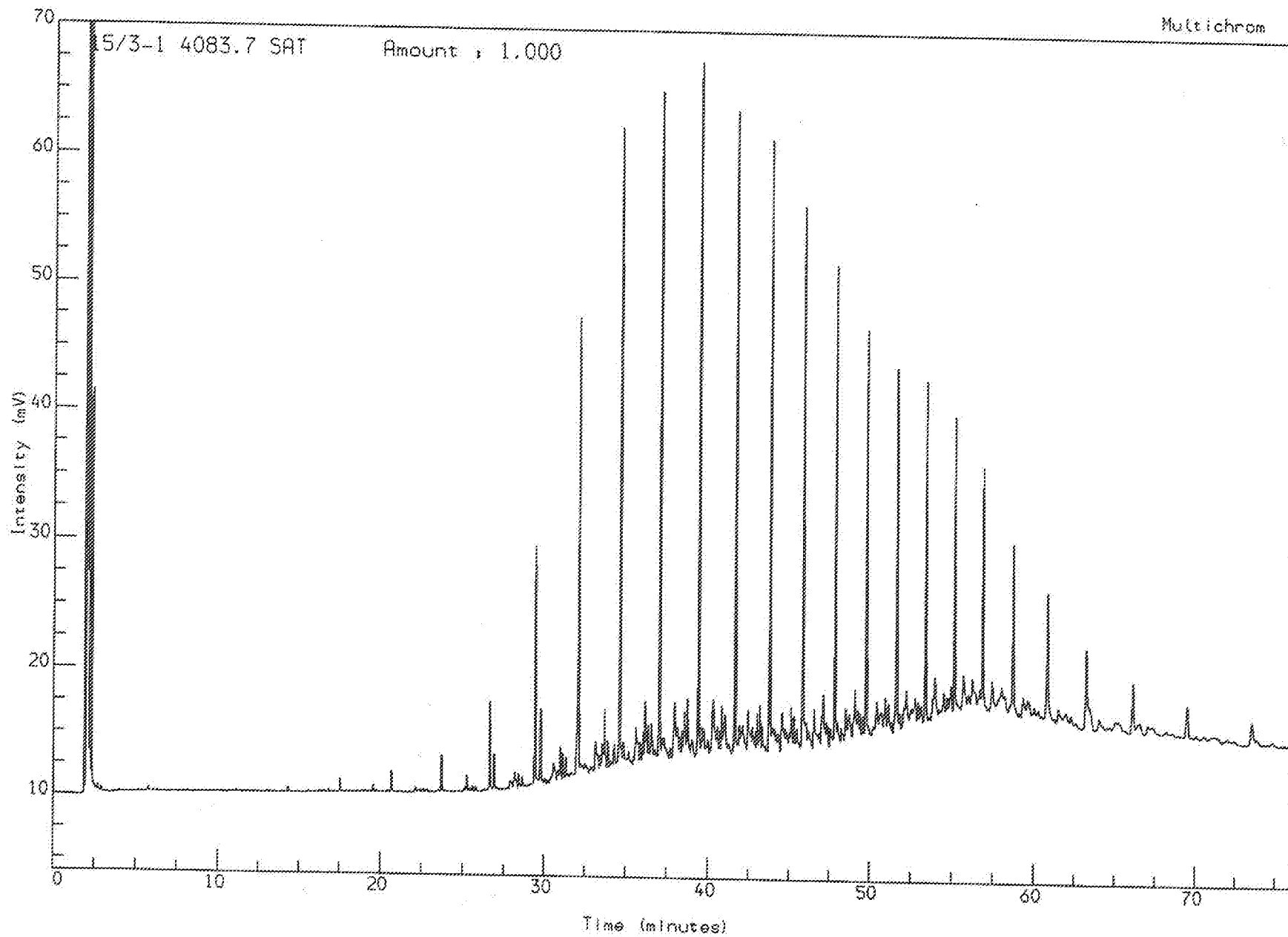
Nat: NDR, Well: 15/3-1S, Type:

CCP, Depth between: 0.000 and

99999.999 m

Fig. 1

Analysis Name : [D PROJECT] 3 S101.8.1.

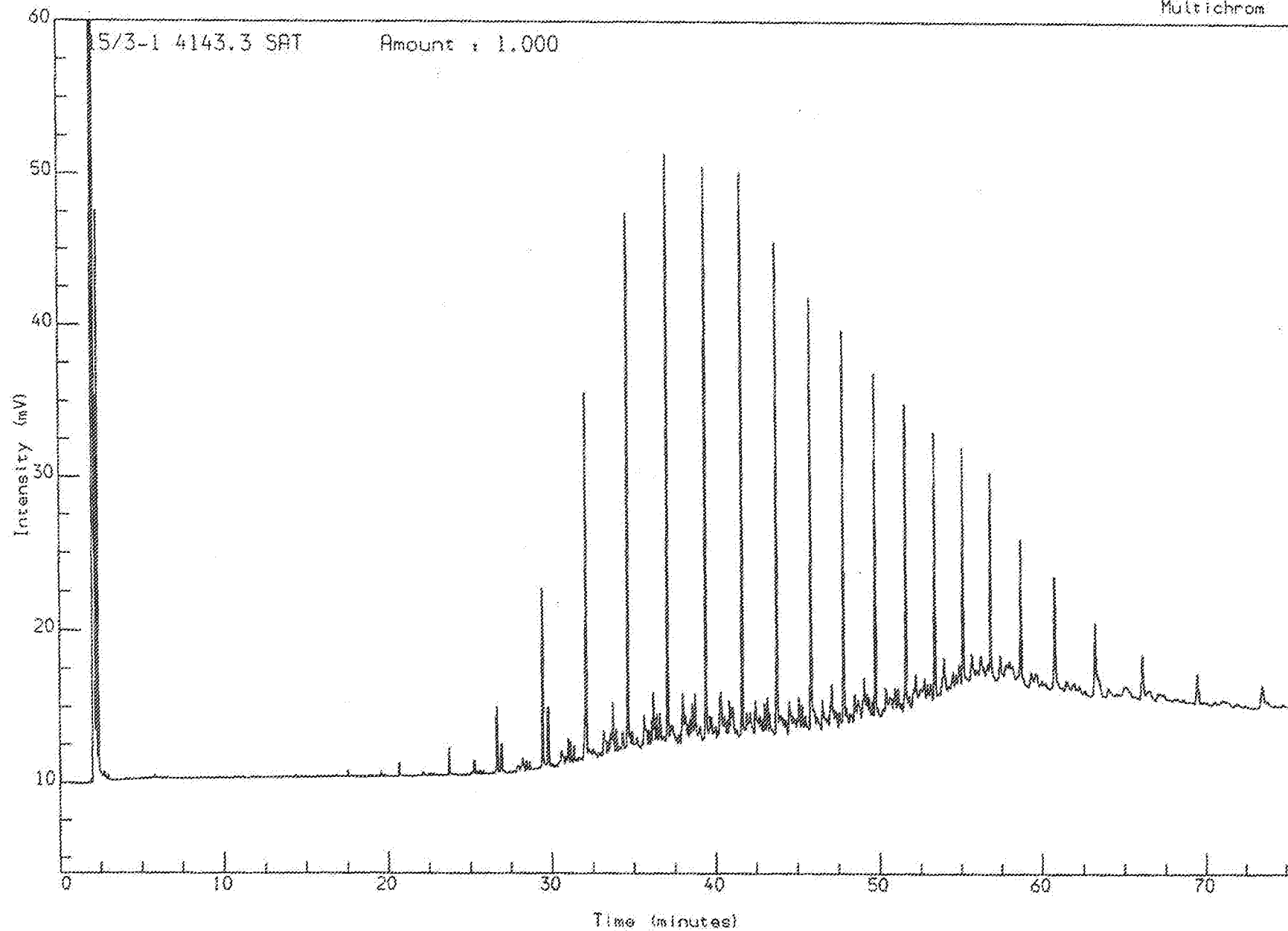


Acquired on 29-SEP-1992 at 23.12

Reported on 2-OCT-1992 at 12.53

Analysis Name : [PROJECT] 3 S101,9,1.

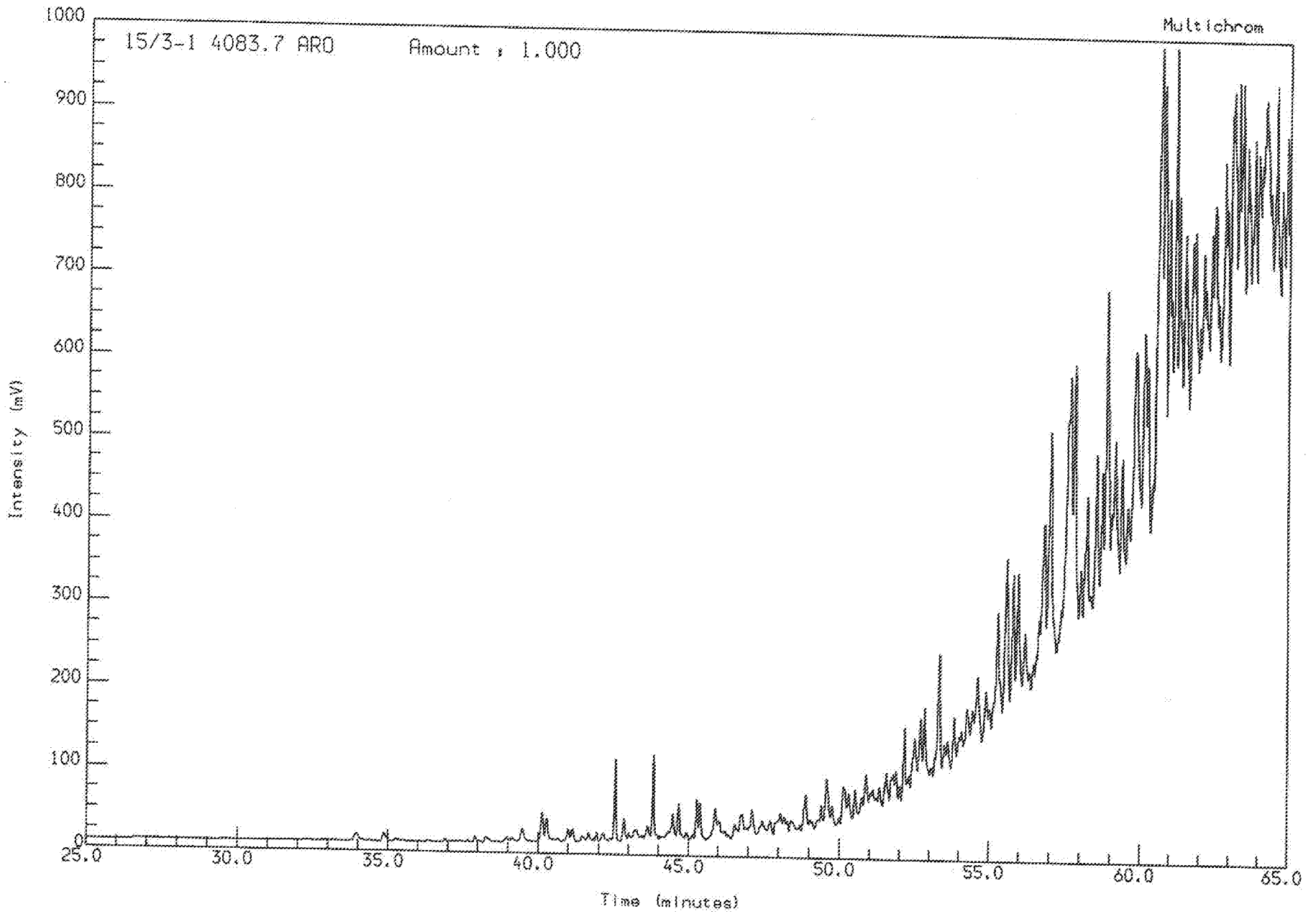
Multichrom



Acquired on 30-SEP-1992 at 00:32

Reported on 2-OCT-1992 at 13:01

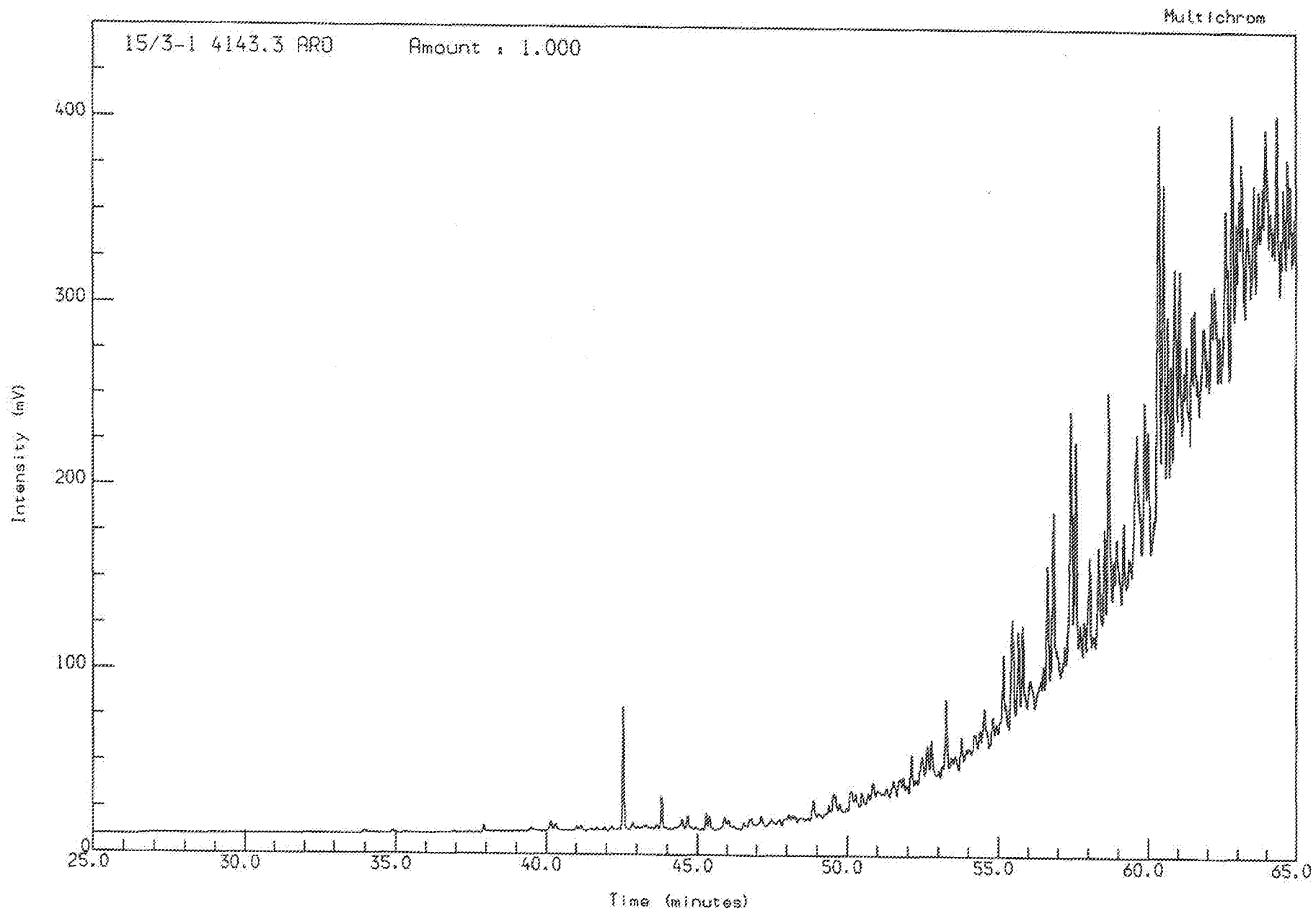
Analysis Name : [D. PROJECT] 1 A157.11.1.



Required on 2-OCT-1992 at 21:27

Reported on 5-OCT-1992 at 13:18

Analysis Name : [D PROJECT] 1 A157.12.1.



Acquired on 2-OCT-1992 at 22:57

Reported on 5-OCT-1992 at 13:19

Fig. 2

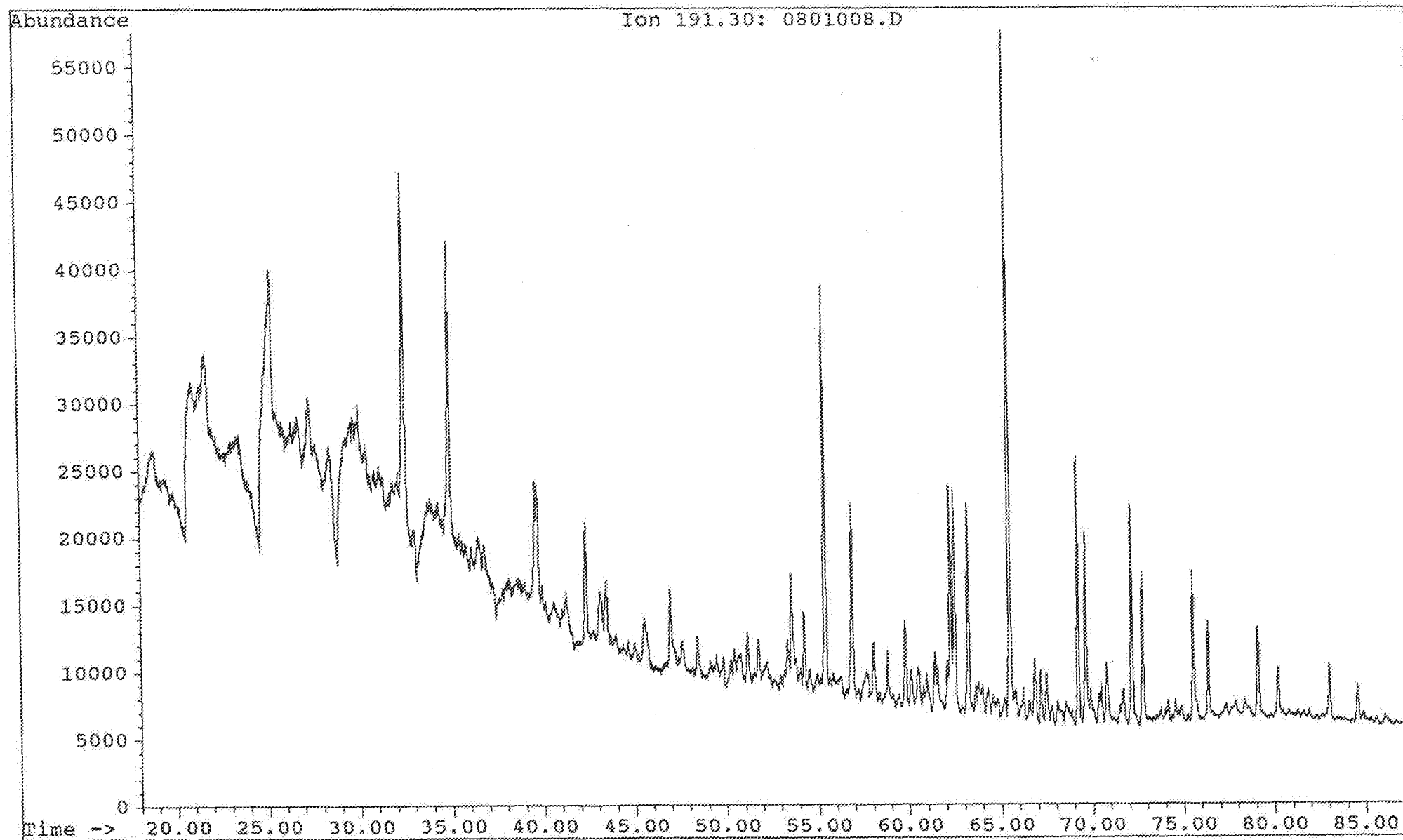
Saga Petroleum a.s.

Date acquired: 1 Oct 92 10:50 pm

File: C:\CHEMPC\DATA\KVAD7_15\0801008.D Inst: HP5971A Inj: Split Meth: BMS.M

Sample name:

WELL 15/3-1 4083,7 sat



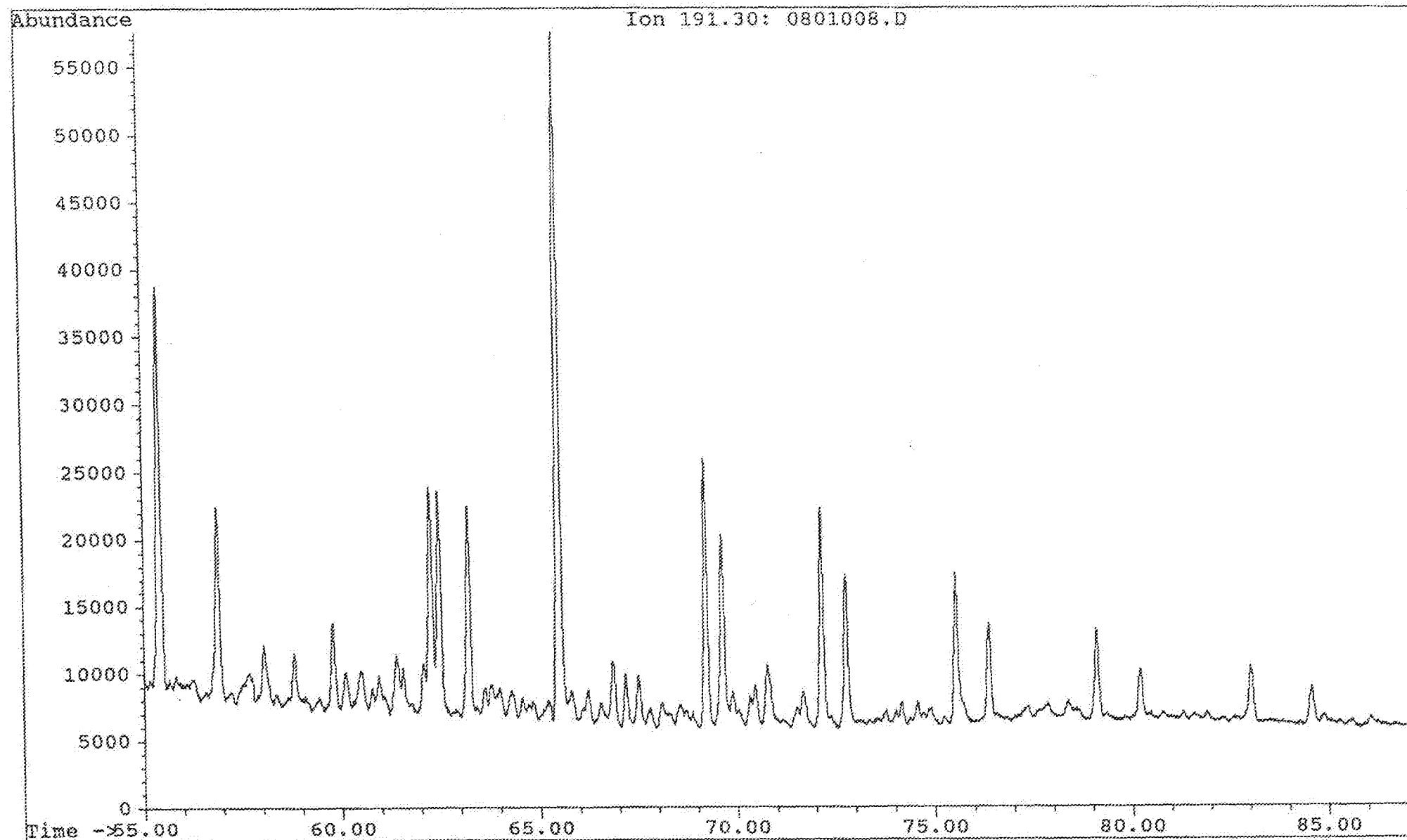
Saga Petroleum a.s.

Date acquired: 1 Oct 92 10:50 pm

File: C:\CHEMPC\DATA\KVAD7_15\0801008.D Inst: HP5971A Inj: Split Meth: BMS.M

Sample name:

WELL 15/3-1 4083,7 sat



Saga Petroleum a.s.

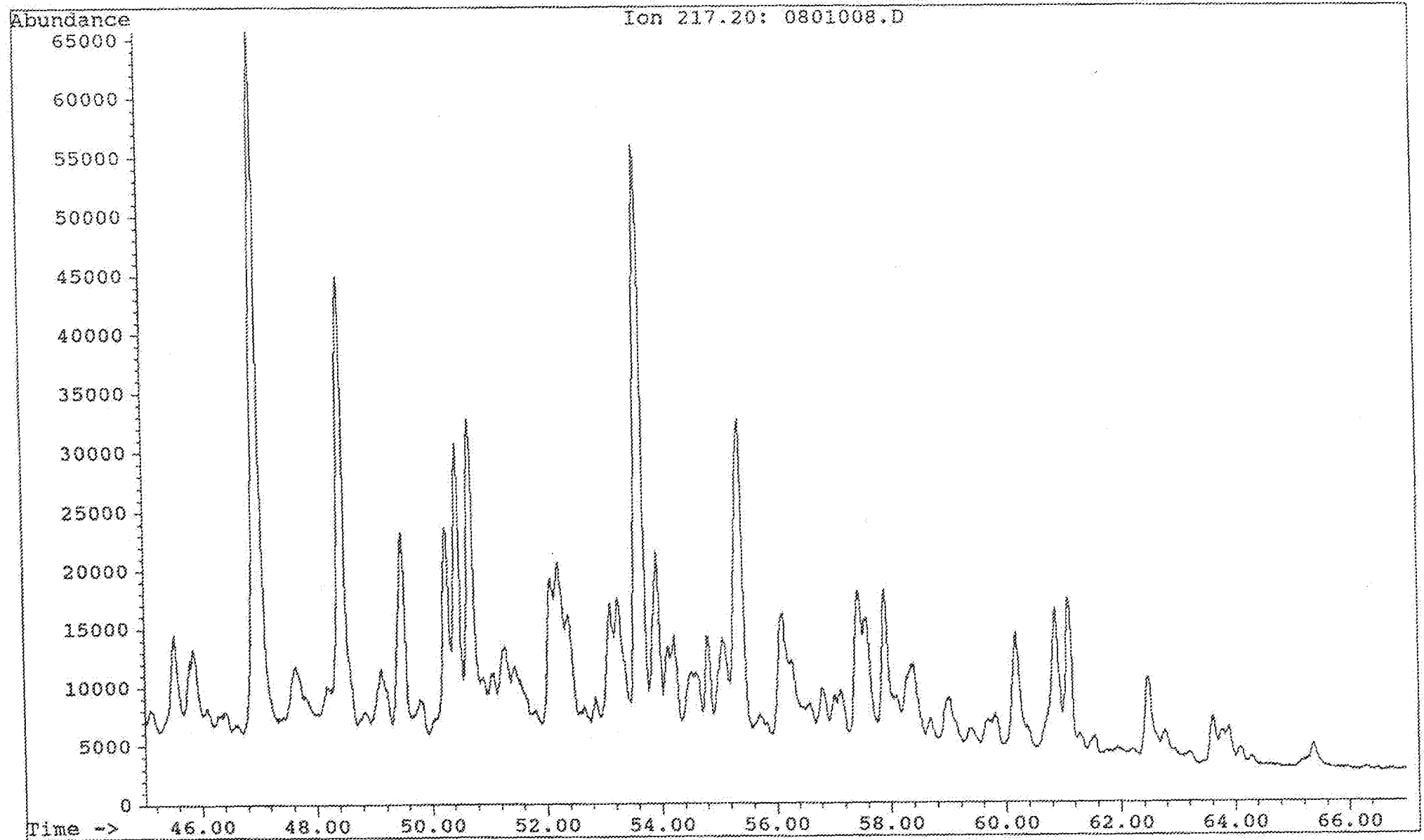
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Date acquired: 1 Oct 92 10:50 pm

Meth: BMS.M

Sample name:

WELL 15/3-1 4083,7 sat



Saga Petroleum a.s.

File: C:\CHEMPC\DATA\KVAD7_15\0801008.D

Inst: HP5971A

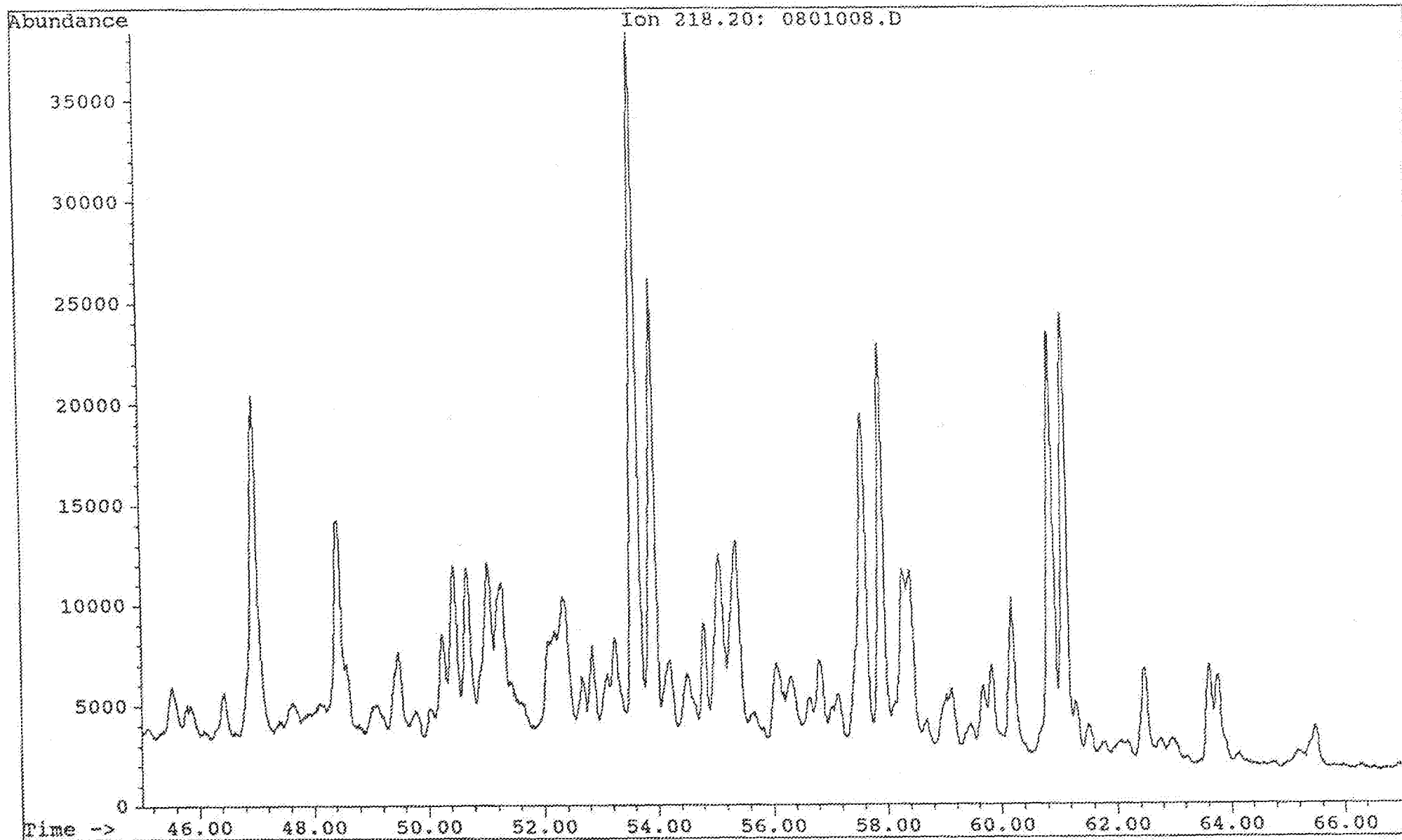
Inj: Split

Date acquired: 1 Oct 92 10:50 pm

Meth: BMS.M

Sample name:

WELL 15/3-1 4083,7 sat



Saga Petroleum a.s.

File: C:\CHEMPC\DATA\KVAD7_15\0801008.D

Inst: HP5971A

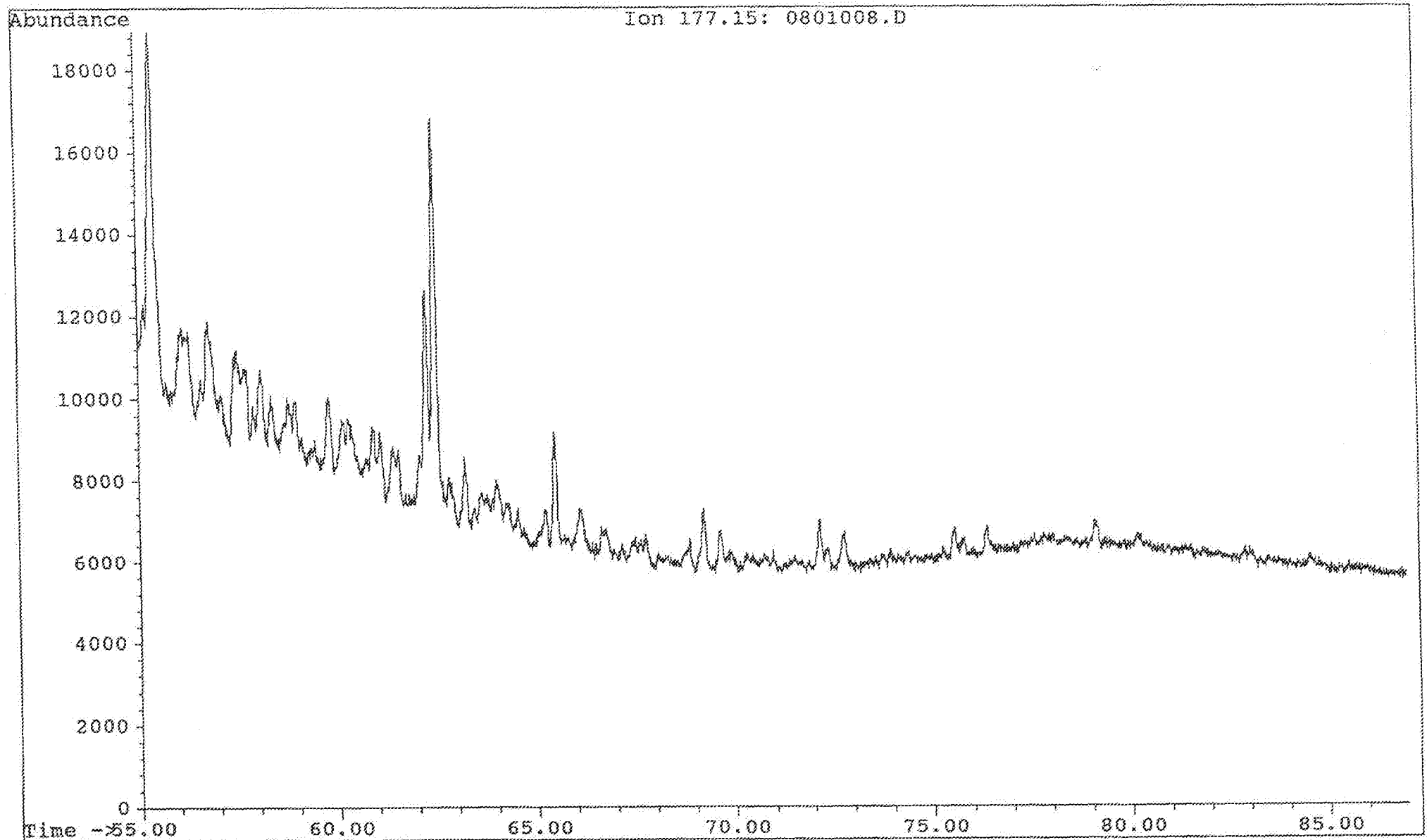
Inj: Split

Date acquired: 1 Oct 92 10:50 pm

Meth: BMS.M

Sample name:

WELL 15/3-1 4083,7 sat

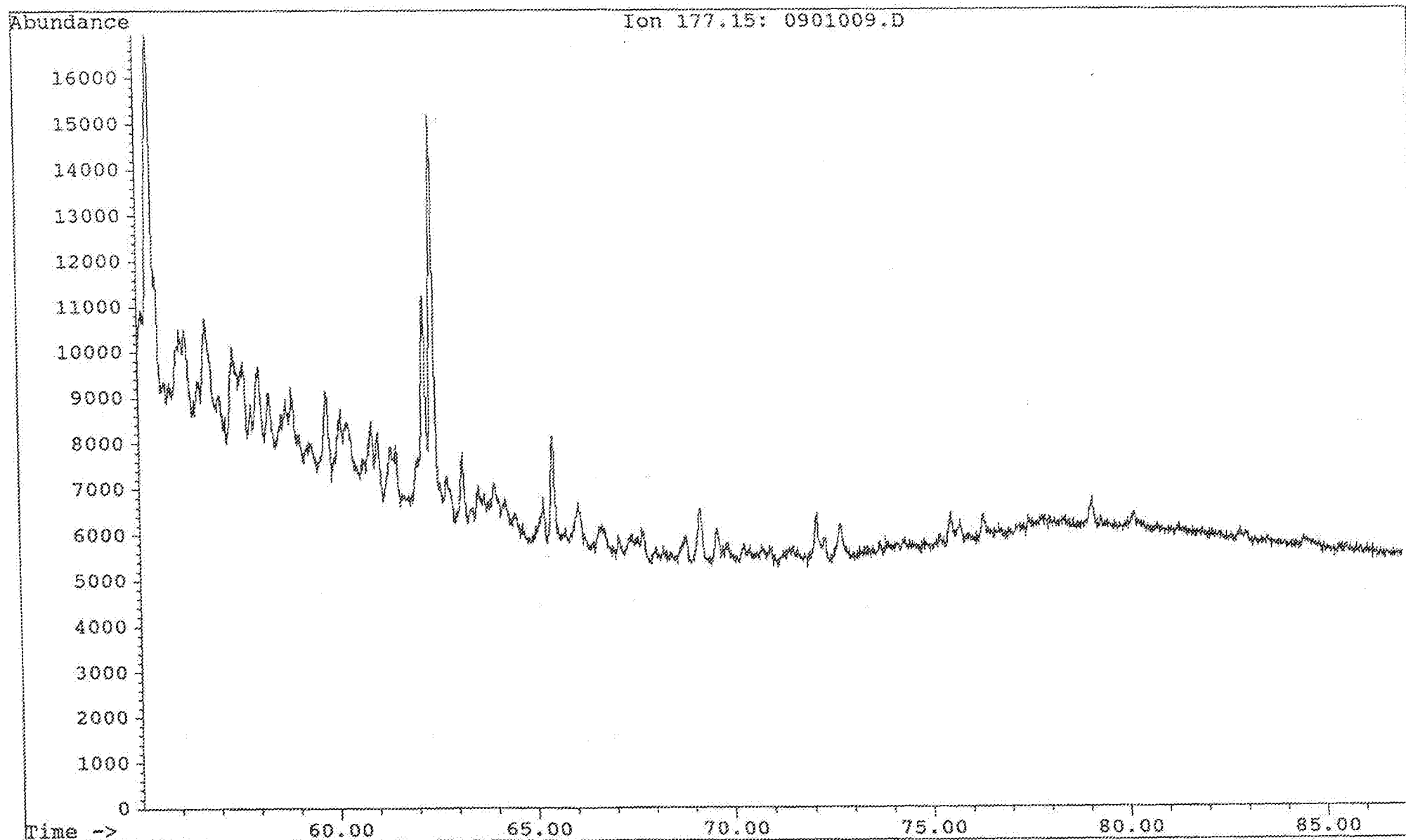


Saga Petroleum a.s.

Date acquired: 2 Oct 92 0:33 am

File: C:\CHEMPC\DATA\KVAD7_15\0901009.D Inst: HP5971A Inj: Split Meth: BMS.M

Sample name: WELL 15/3-1 4143,3 sat



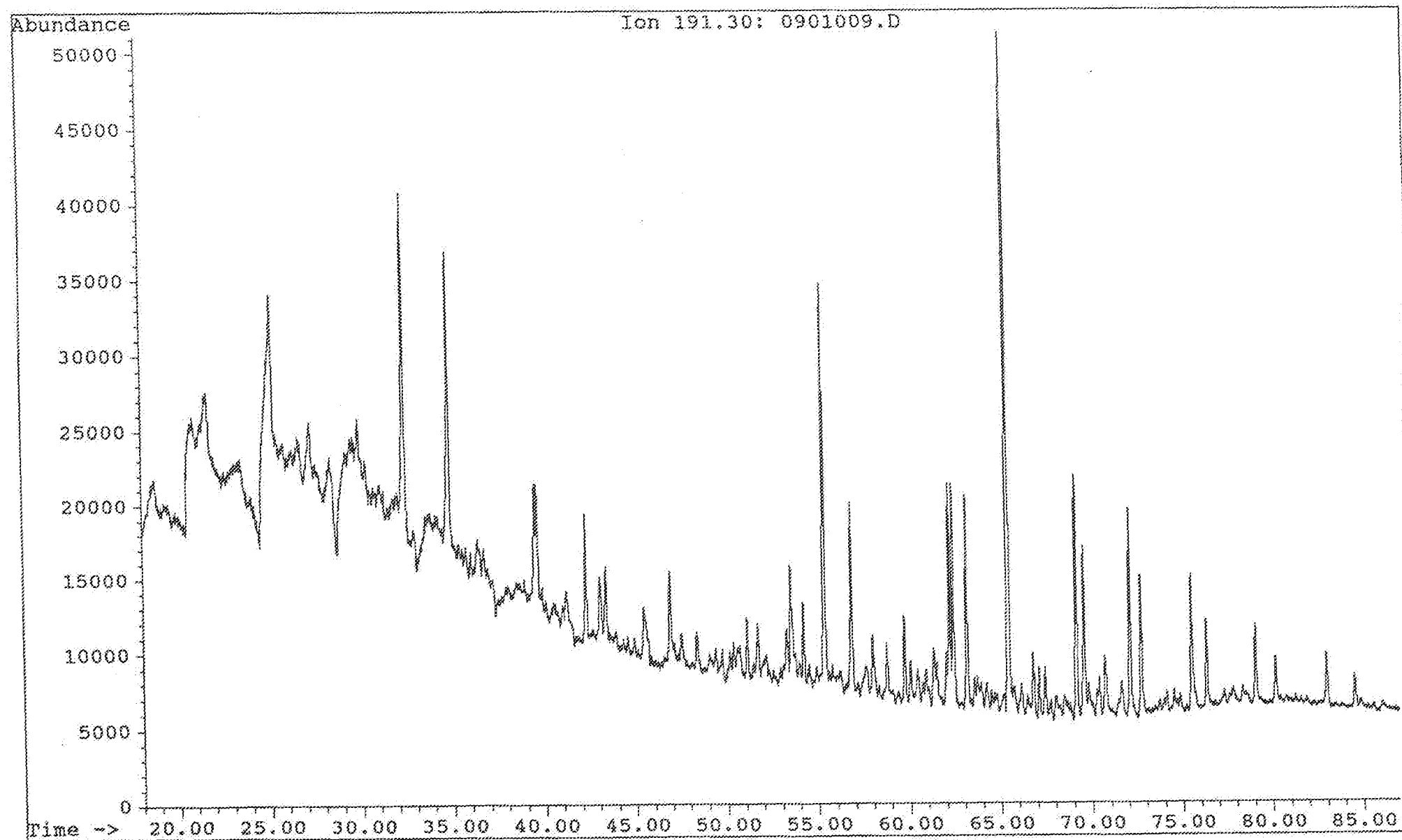
Saga Petroleum a.s.

Date acquired: 2 Oct 92 0:33 am

File: C:\CHEMPC\DATA\KVAD7_15\0901009.D Inst: HP5971A Inj: Split Meth: BMS.M

Sample name:

WELL 15/3-1 4143,3 sat

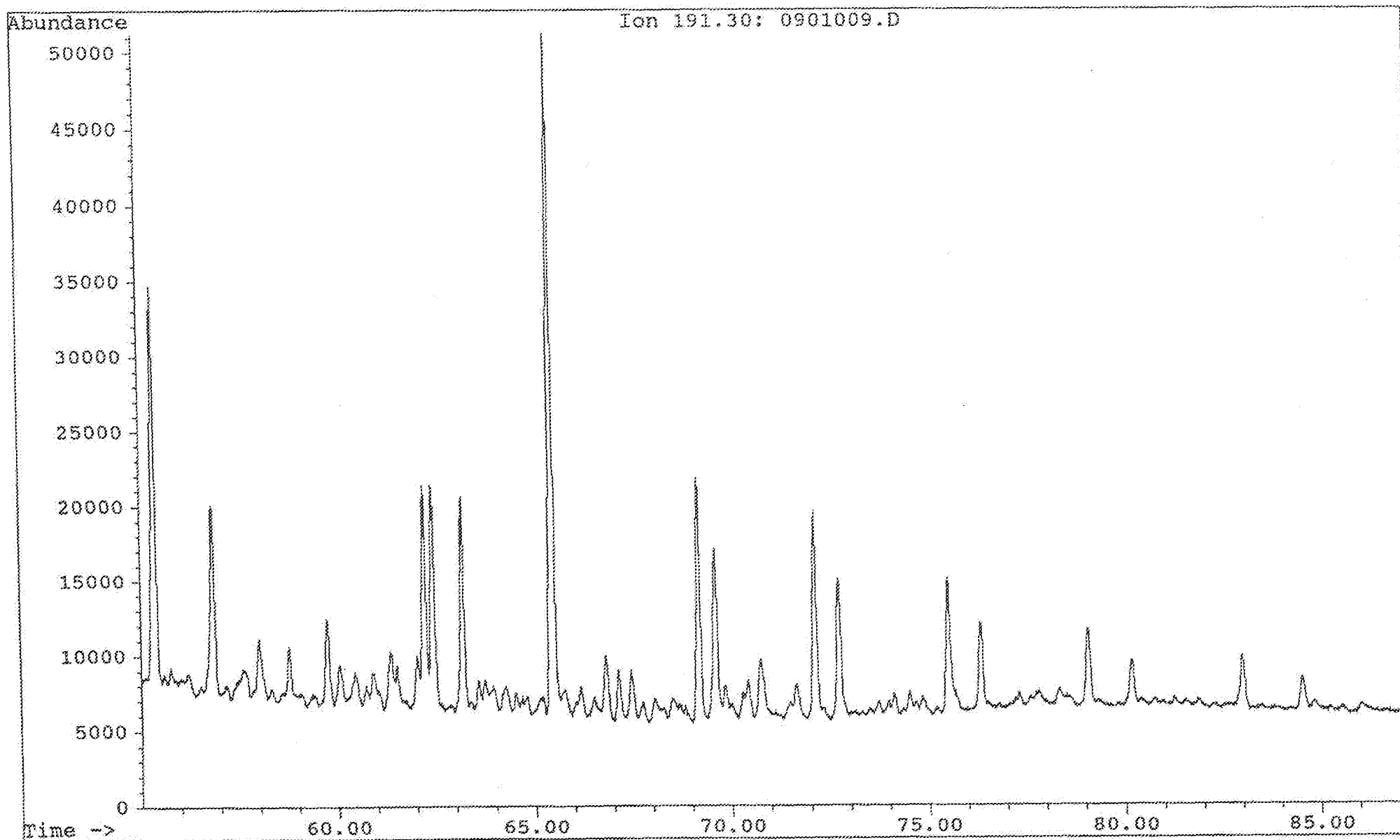


Saga Petroleum a.s.

Date acquired: 2 Oct 92 0:33 am

File: C:\CHEMPC\DATA\KVAD7_15\0901009.D Inst: HP5971A Inj: Split Meth: BMS.M

Sample name: WELL 15/3-1 4143,3 sat



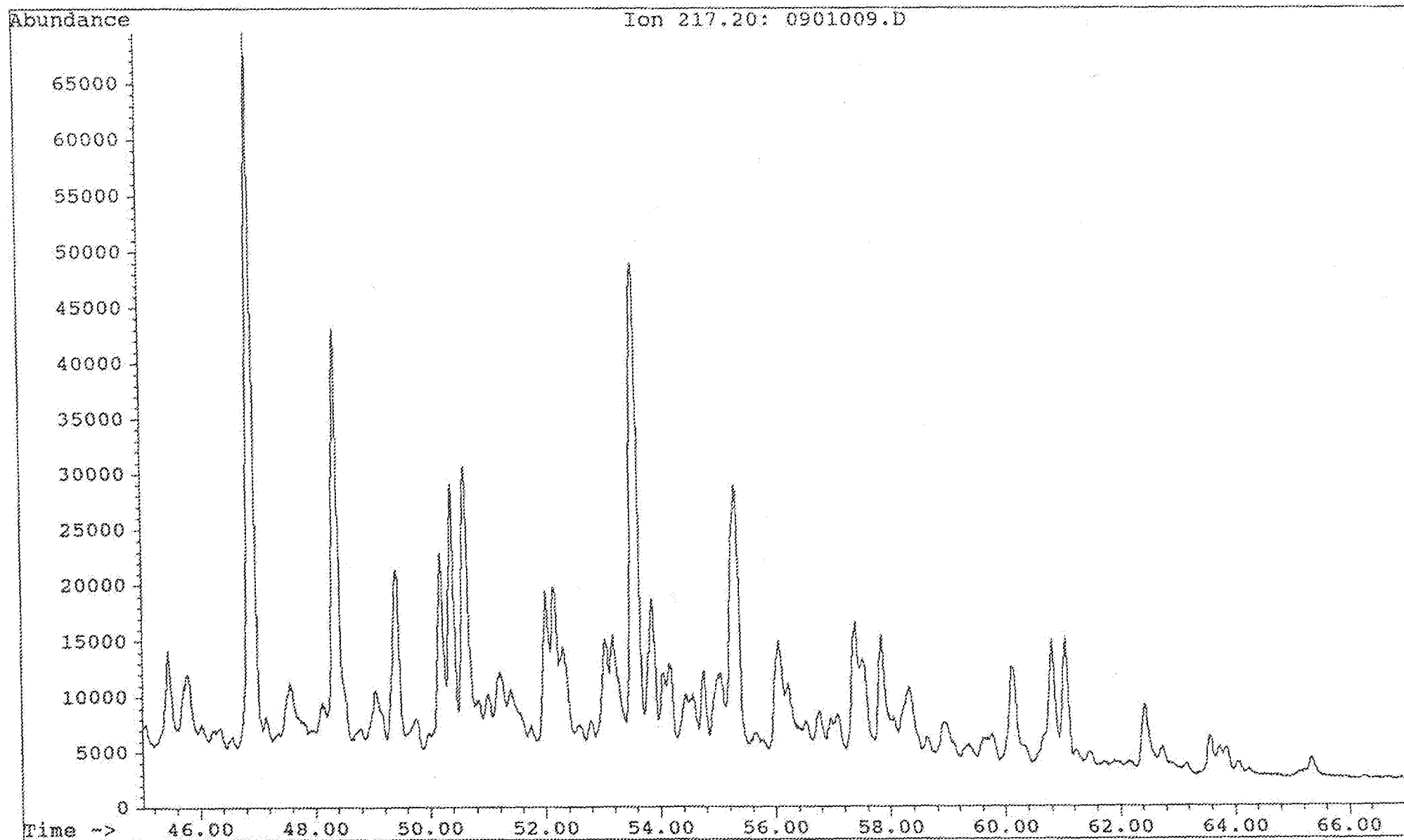
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Date acquired: 2 Oct 92 0:33 am

File: C:\CHEMPC\DATA\KVAD7_15\0901009.D Inst: HP5971A Inj: Split Meth: BMS.M

Sample name:

WELL 15/3-1 4143,3 sat



Saga Petroleum a.s.

Date acquired: 2 Oct 92 0:33 am

File: C:\CHEMPC\DATA\KVAD7_15\0901009.D Inst: HP5971A Inj: Split Meth: BMS.M

Sample name:

WELL 15/3-1 4143,3 sat

