4 1993

D010 12 BF

WA.2/7-03.9(2)
Oil data For Well 2/7-3

707-2671

5: Well 2/7-3 DST 18

ISOTOPE PLOTS AND CHROMATOGRAMS

Figure 1: Aromatic v.s. Saturate Isotope Values for Well NOCS 2/7-3, DST 18

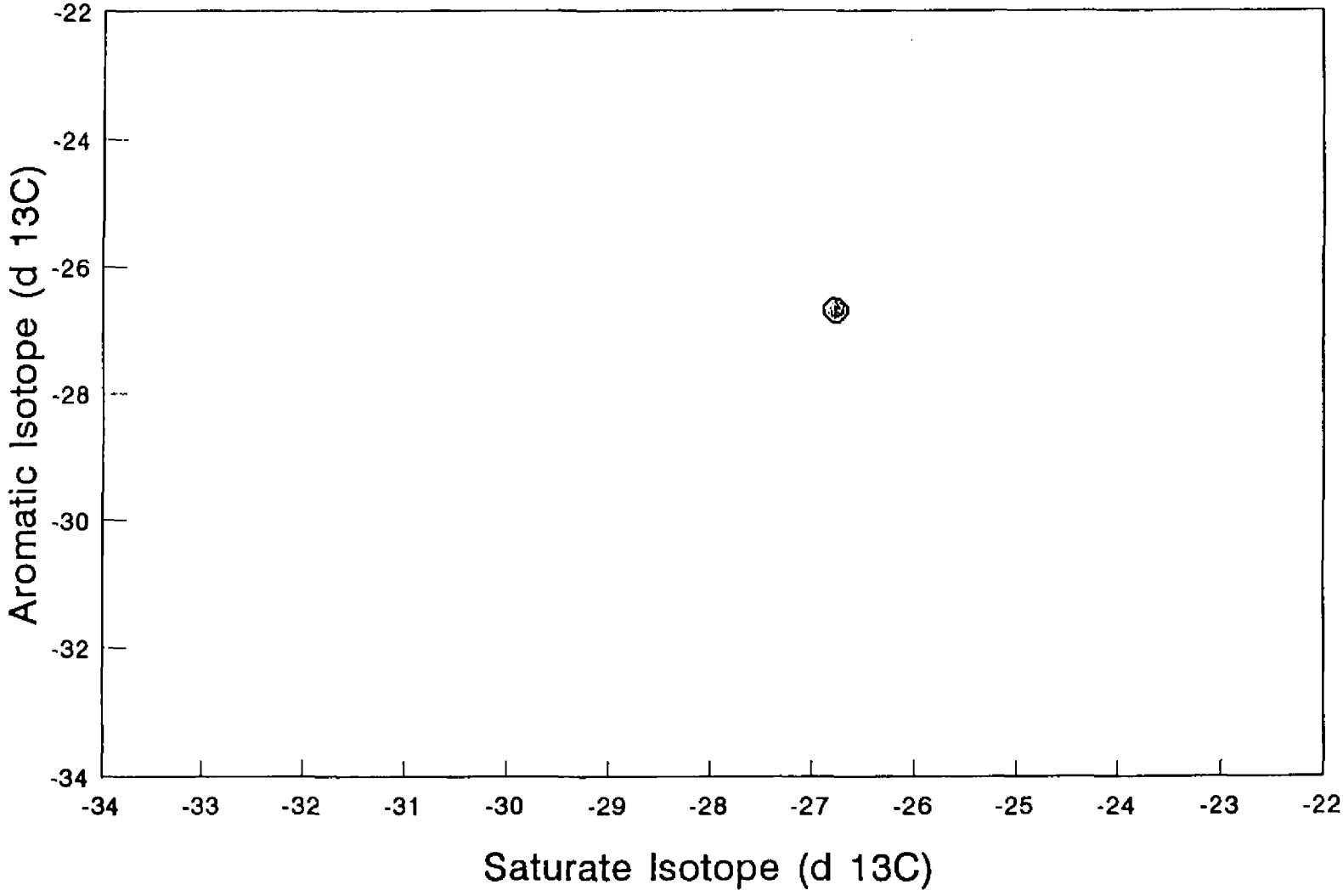

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Figure 2: 13C/12C Isotope Ratios. Galimov Plot. for Well NOCS 2/7-3, DST 18

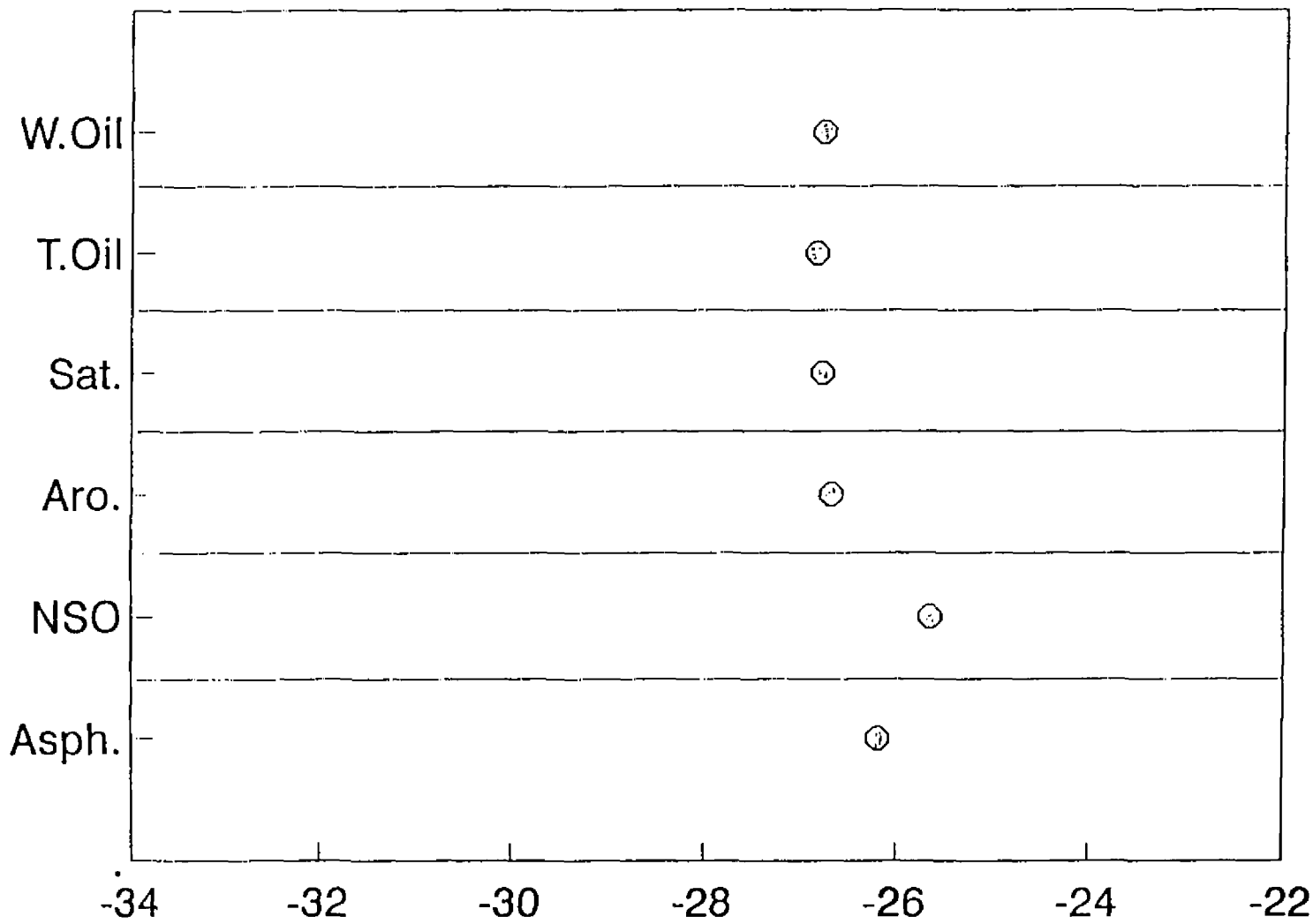

Figure 3: Carbon Isotope Composition of N-Alkanes for Whole Oil Well NOCS 2/7-3, DST 18

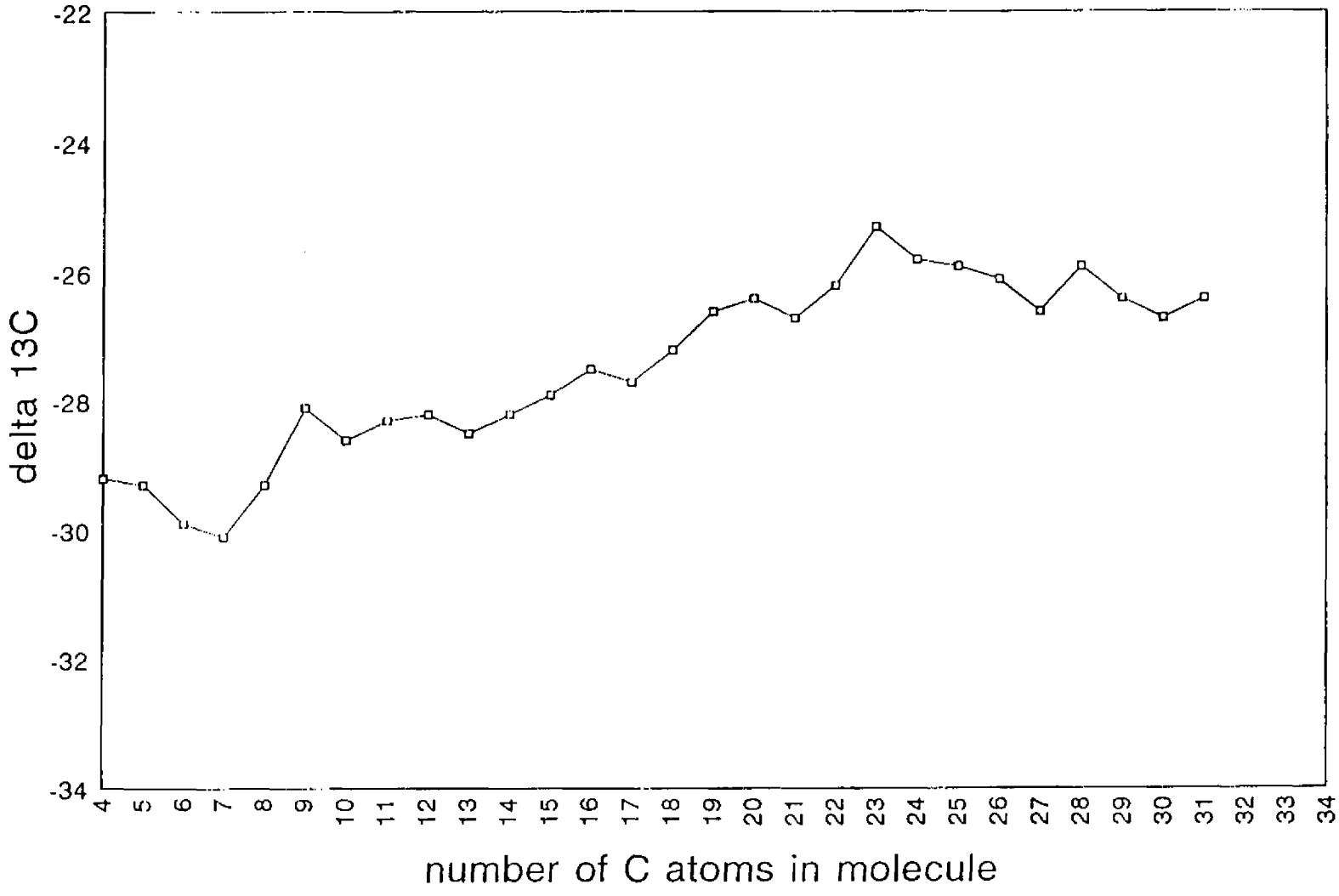

Figure 4: Carbon Isotope Composition of Branched Alkanes for Whole Oil Well NOCS 2/7-3, DST 18

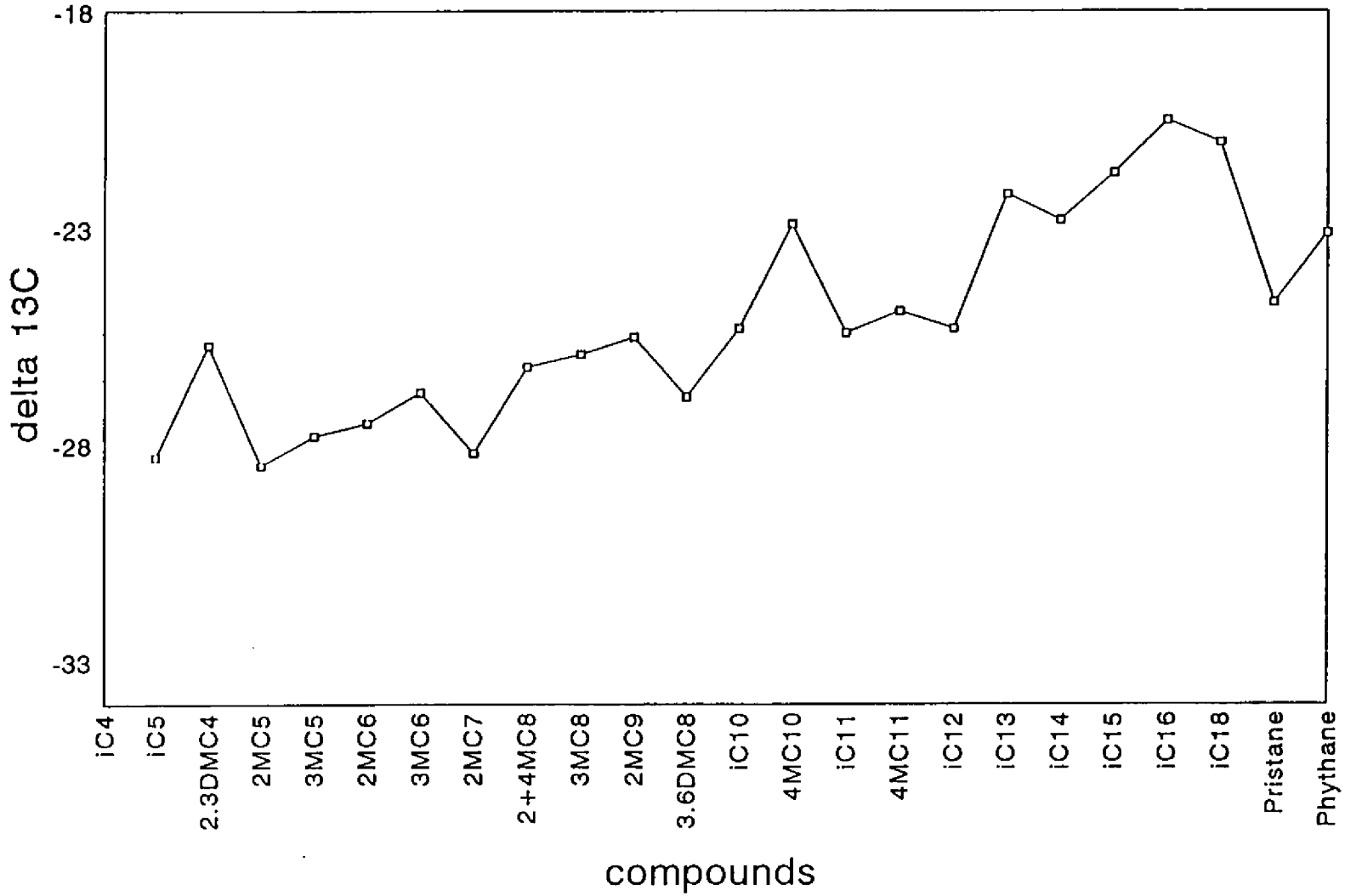

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Figure 5: Carbon Isotope Composition of Cyclic Alkanes for Whole Oil Well NOCS 2/7-3, DST 18

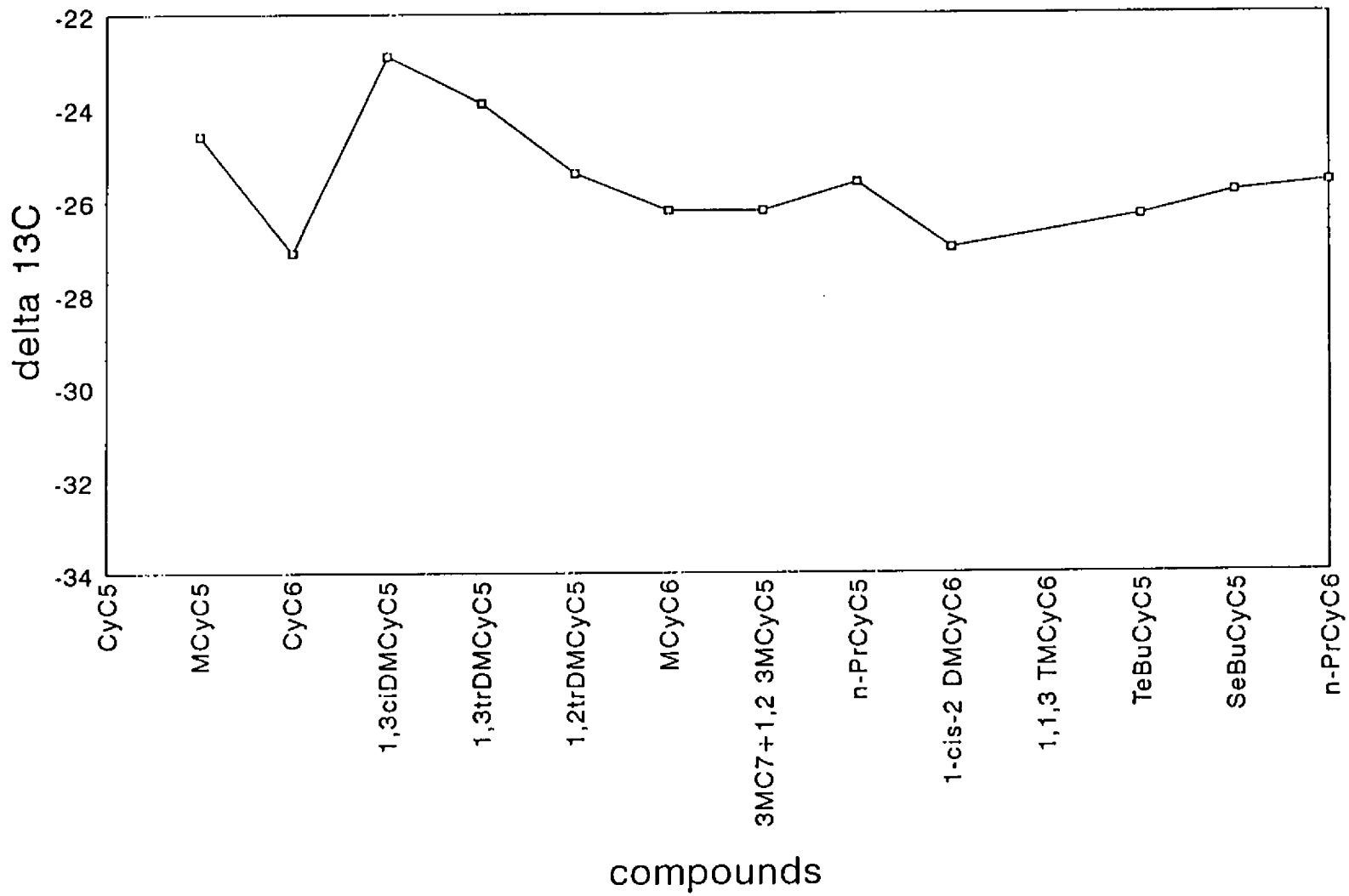


Figure 6: Carbon Isotope Composition of Aromatic HC for Whole Oil Well NOCS 2/7-3, DST 18

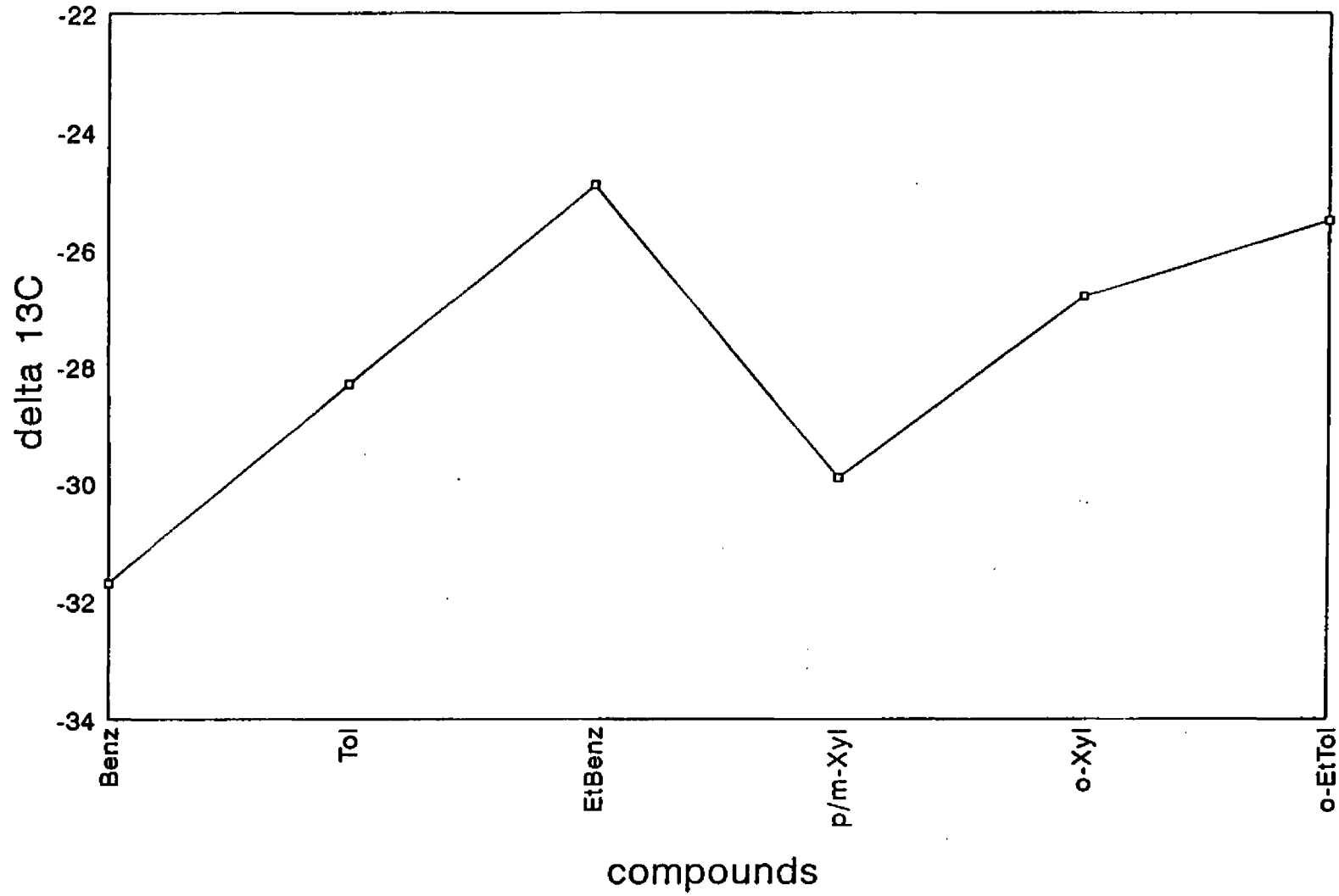


Figure 7: Carbon Isotope Composition of N-Alkanes for Saturated Fraction Well NOCS 2/7-3, DST 18

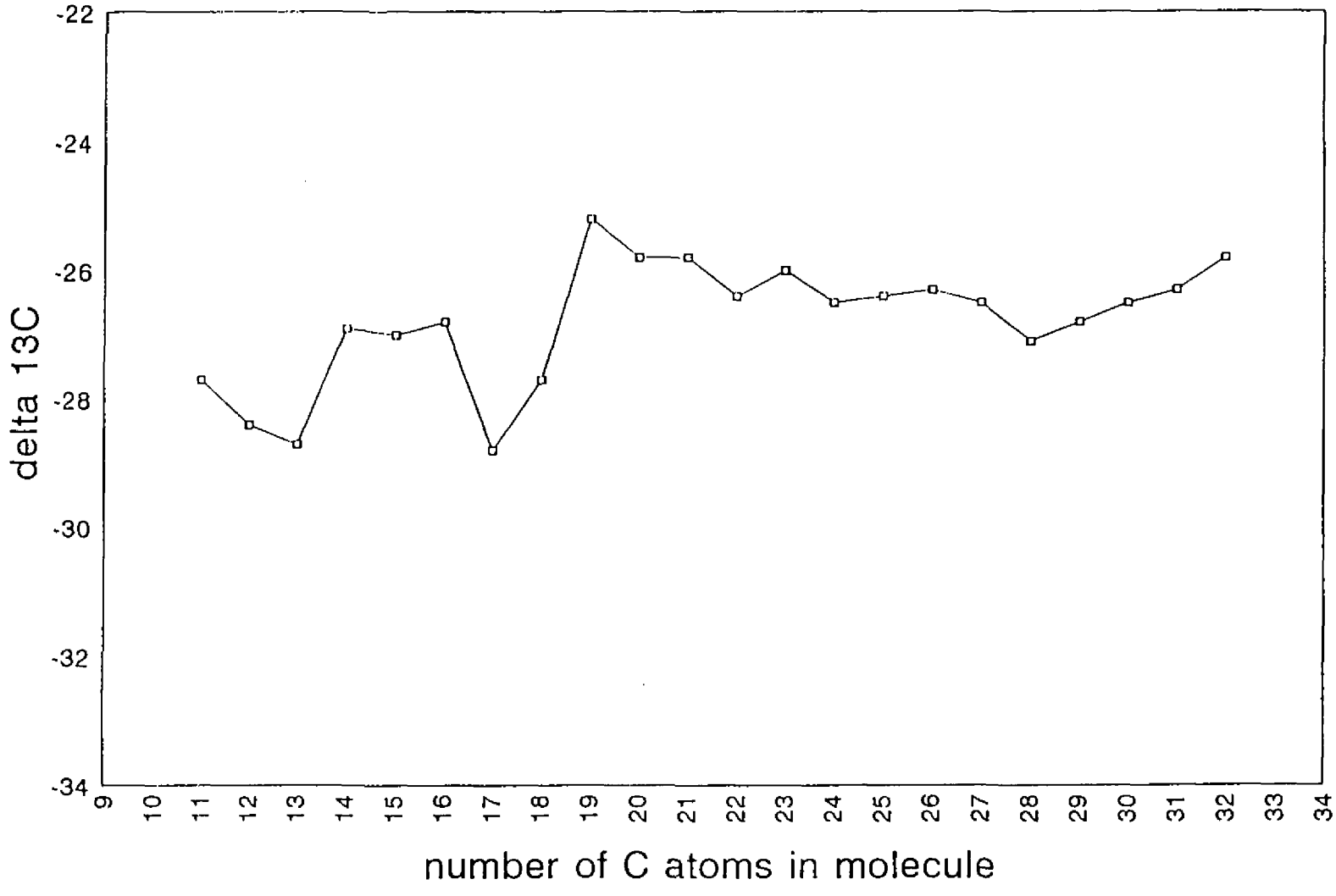
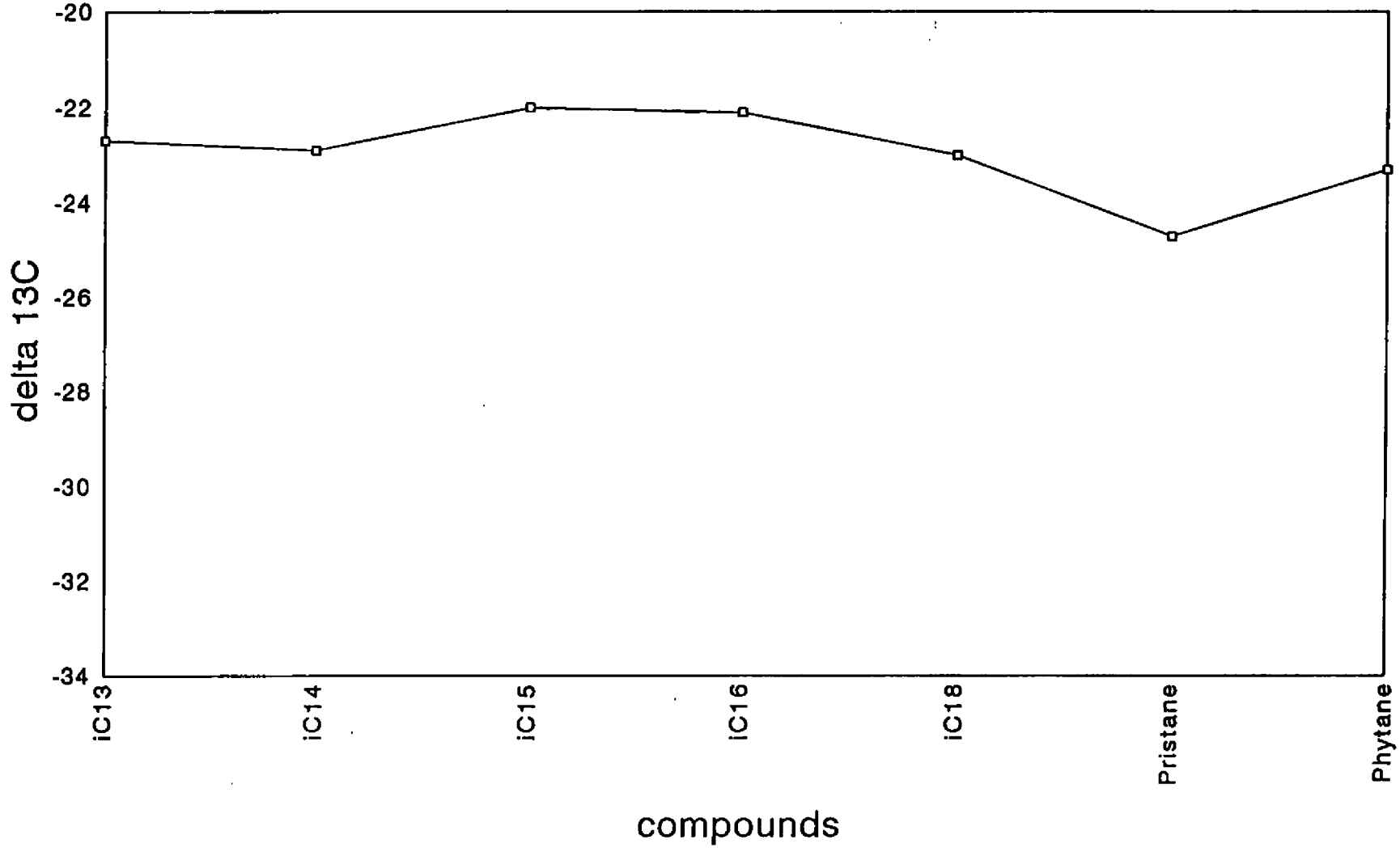


Figure 8: Carbon Isotope Composition of Branched Alkanes for Saturated Fraction Well NOCS 2/7-3, DST 18



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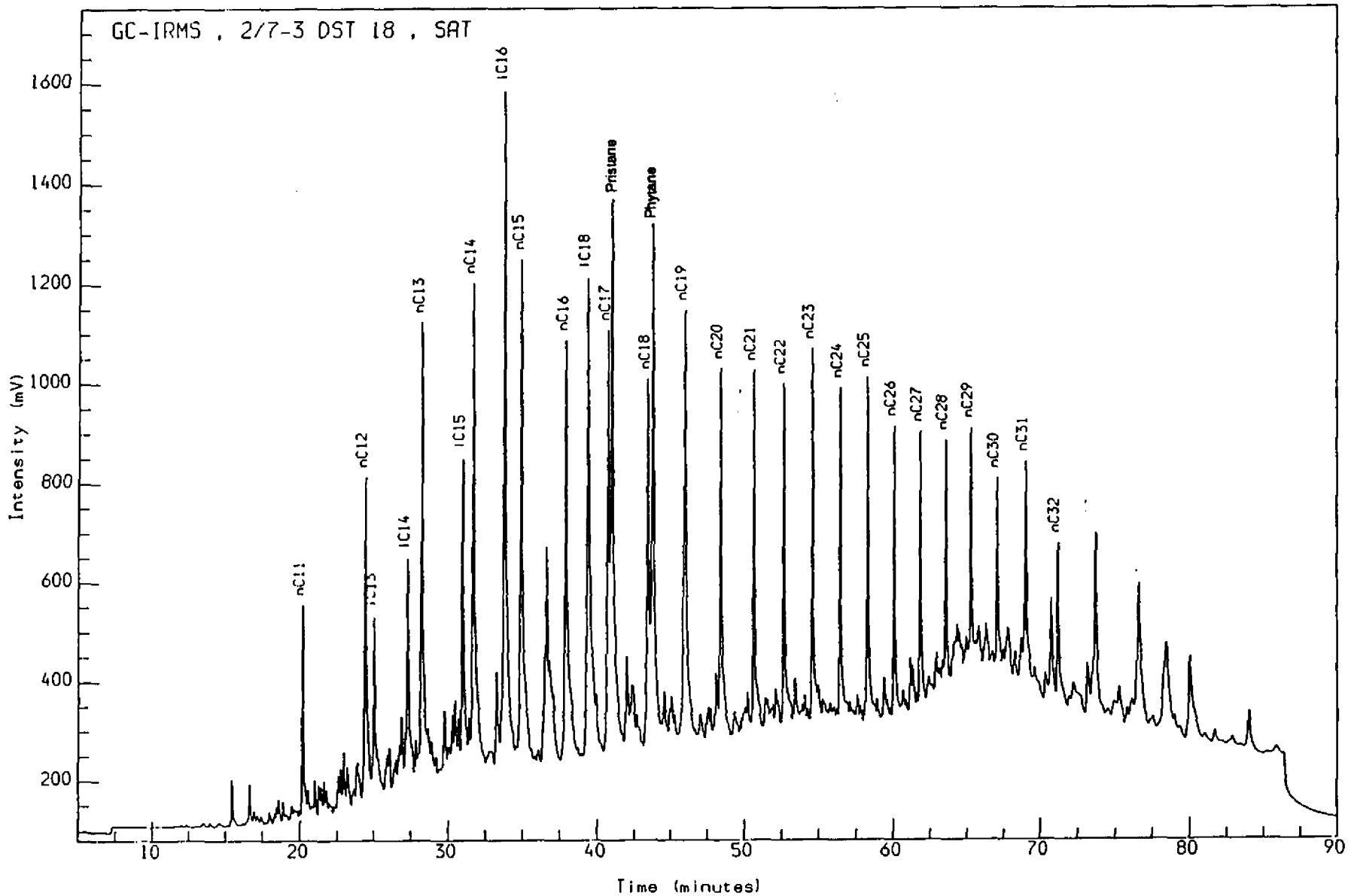
Analysis Name : [522004B] 2 SA273DST18,1,1.

Multichrom

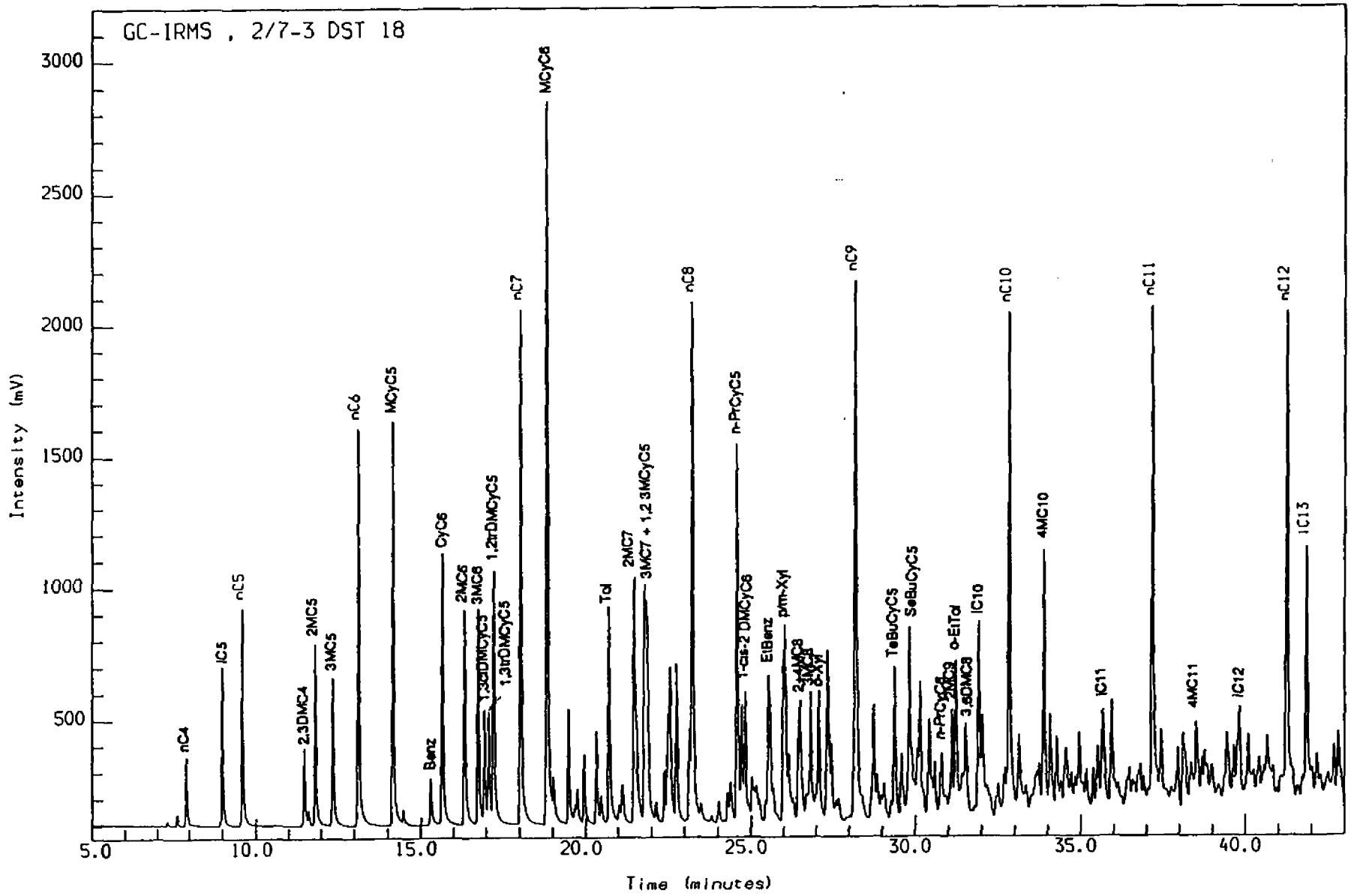


Schlumberger GECO-PRAKLA

GEOLAB NOR

Analysis Name : [522004B] 1 WH273DST18,1,1.

Multichrom

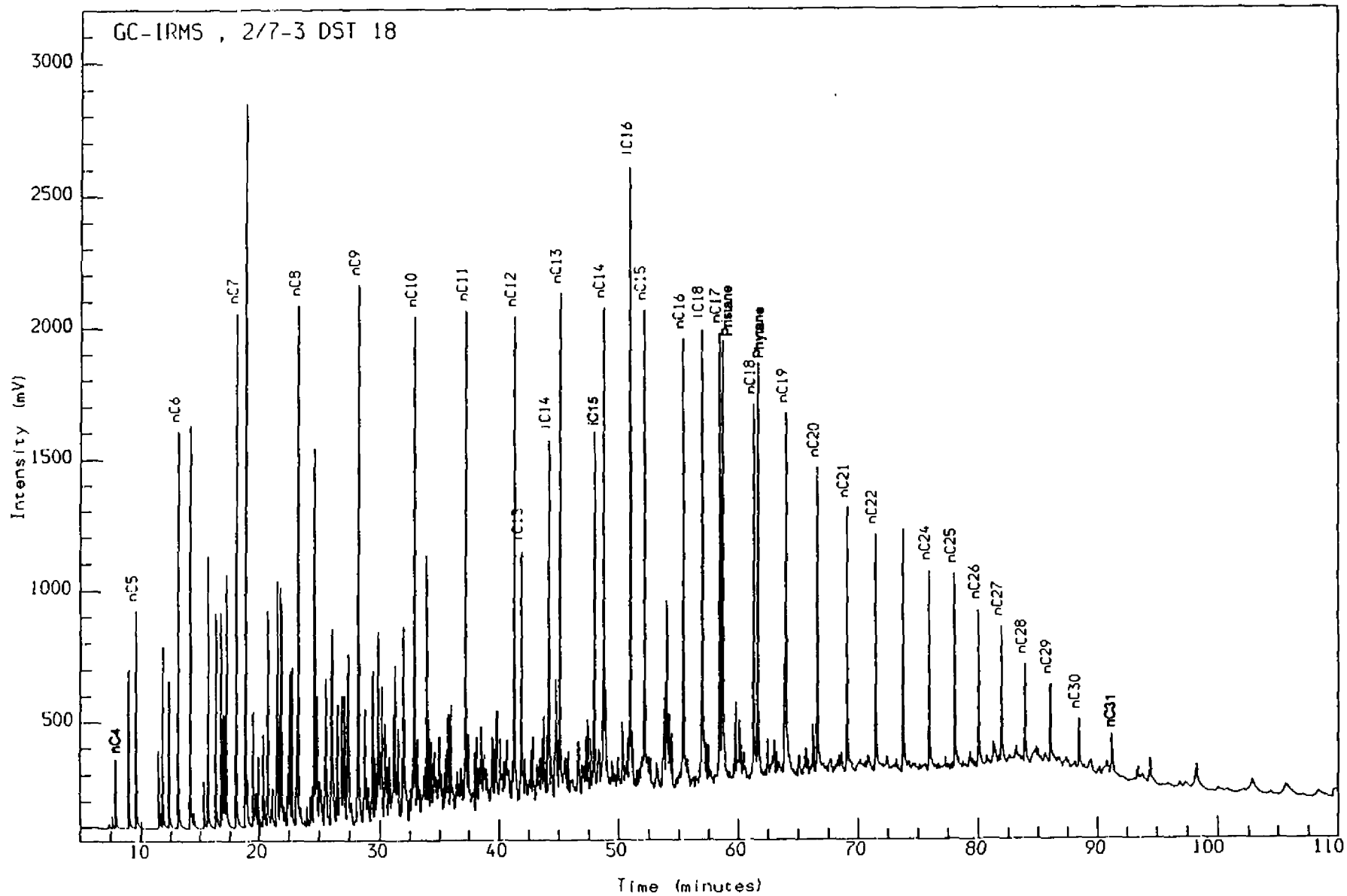


Schlumberger GECO-PRAKLA

GEOLAB NOR

Analysis Name : [522004B] 1 WH273DST18.1.1.

Multichrom



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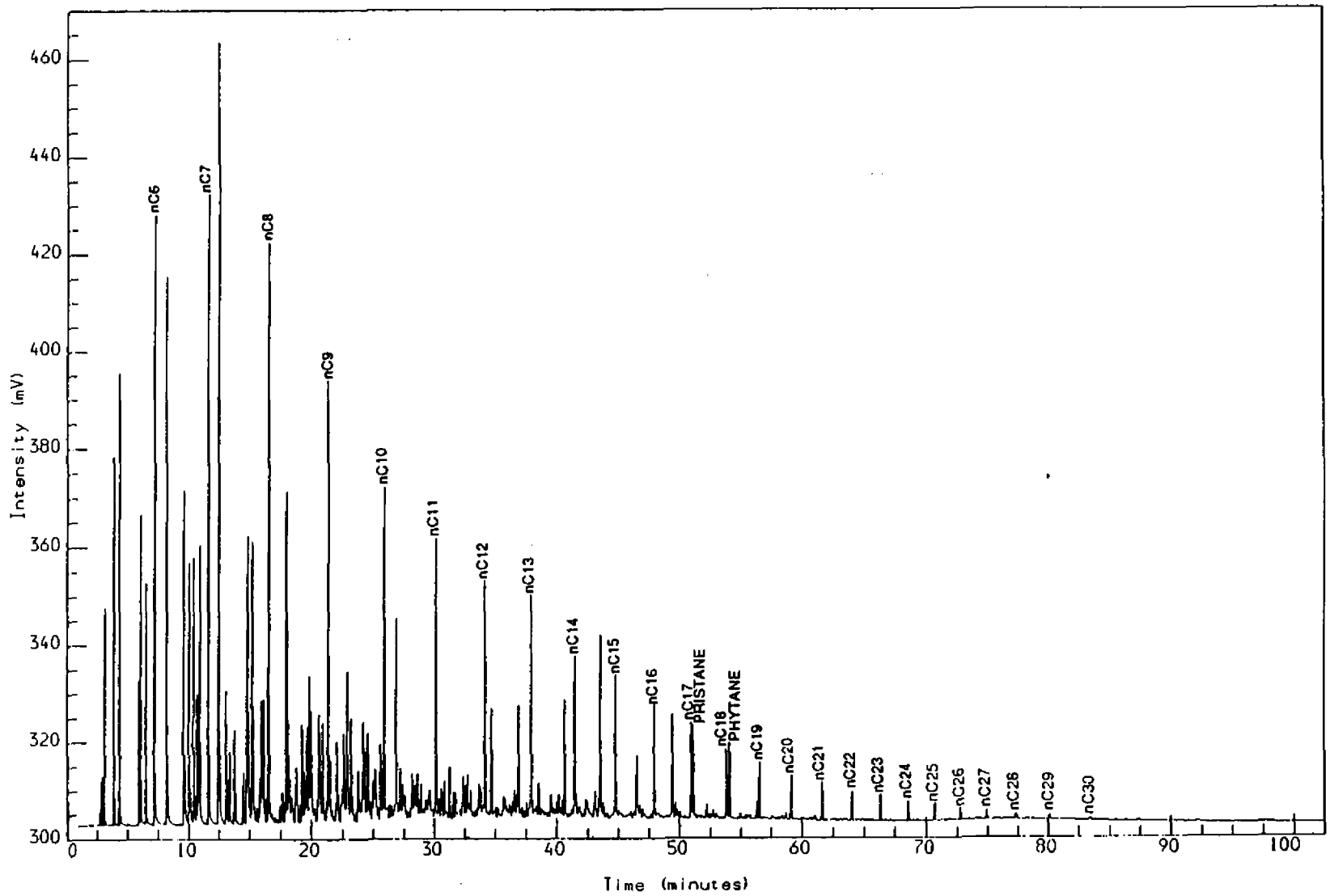
GEOLAB NOR

CHROMATOGRAMS

Whole oil
Aromatic Fraction
Saturated Fraction

Analysis Name : [TESTING] 31 W027318.1.1.

Multichrom



WELL 2/7-3 DST.1B
WHOLE OIL GC (FID)

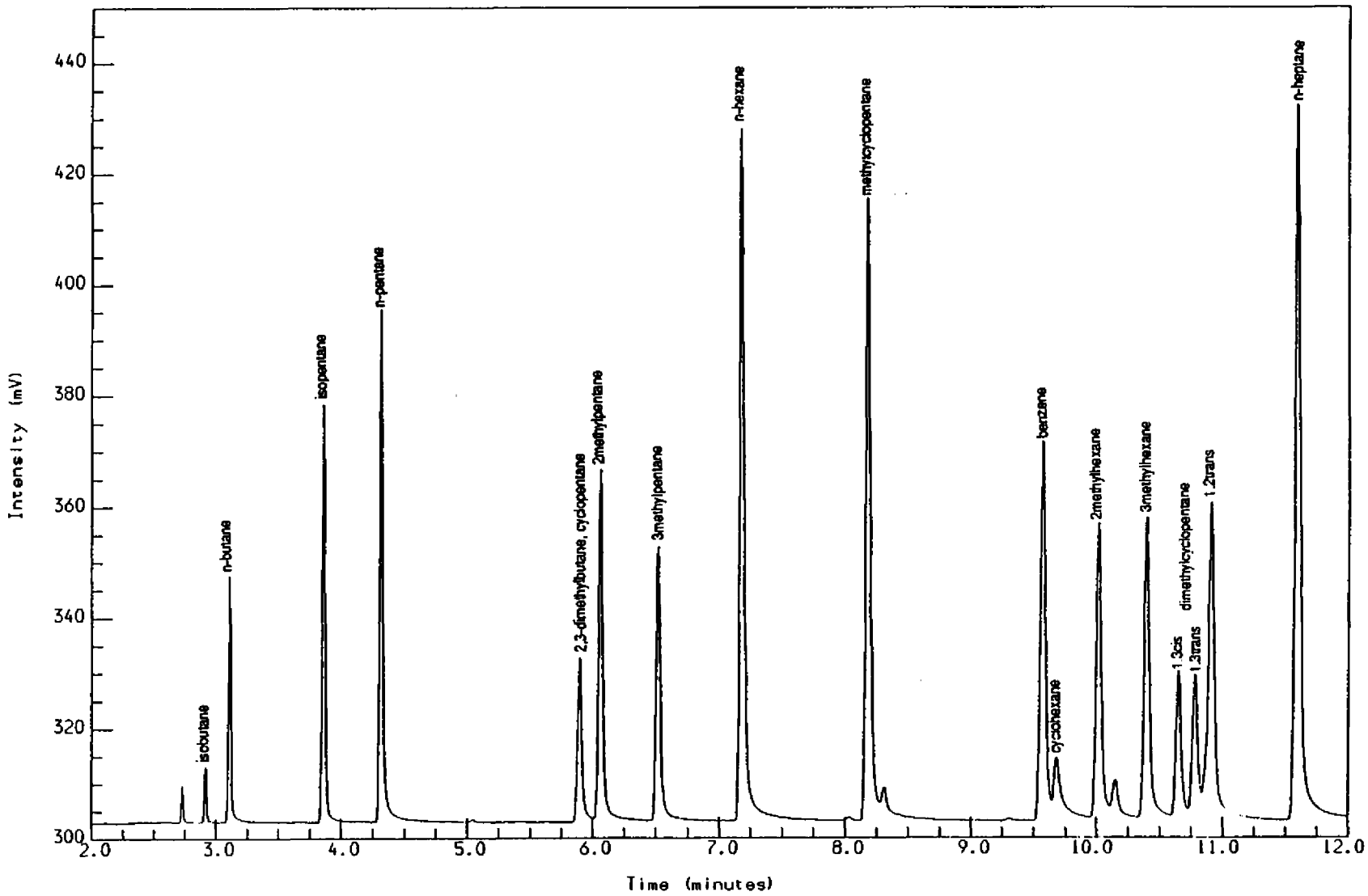
Reported on 19-AUG-1992 at 17:27

Schlumberger GECO-PRAKLA

GEOLAB NOR

Analysis Name : [TESTING] 31 W027318,1,1.

Multichrom



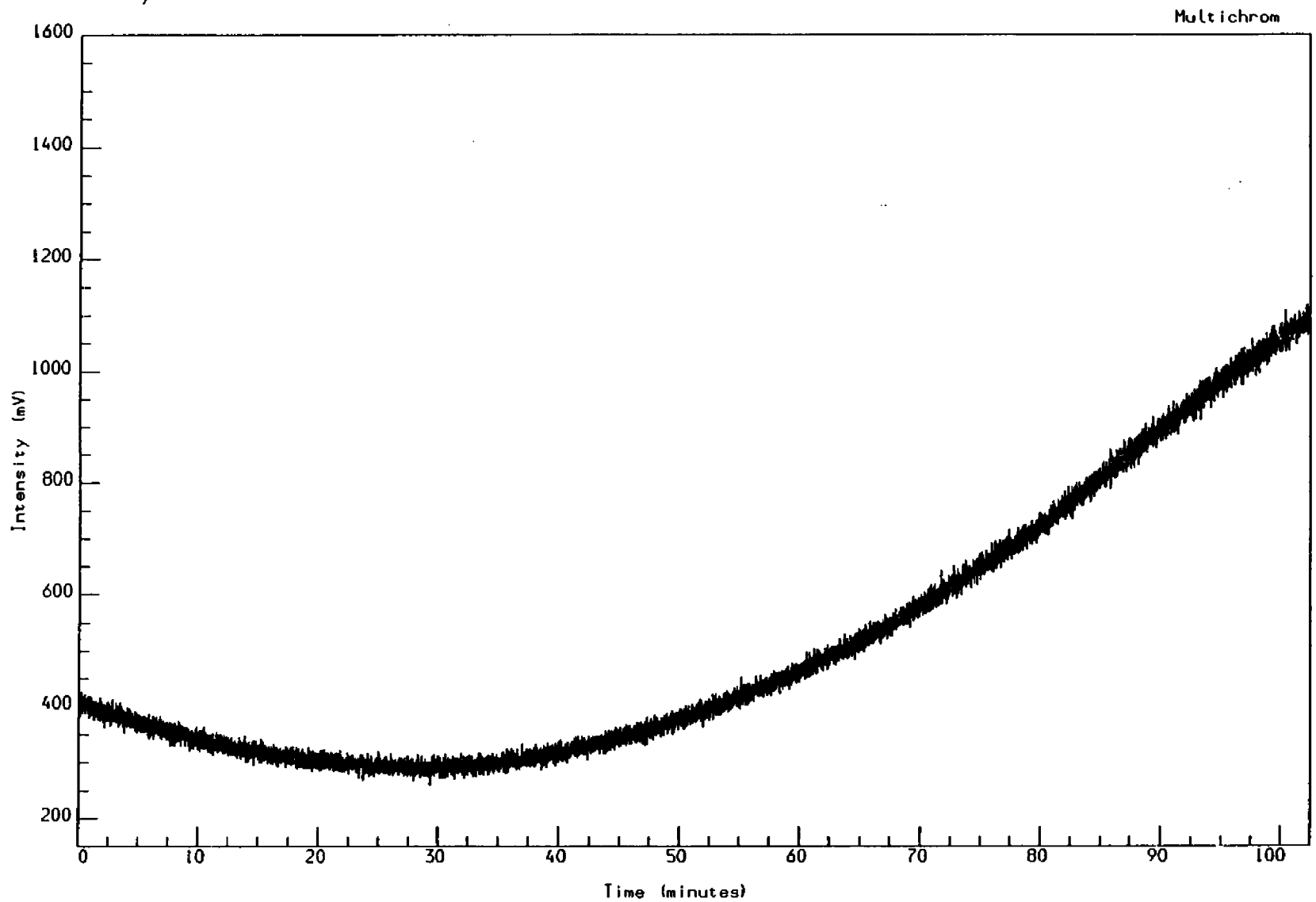
WELL 27/-3 DST.18
WHOLE OIL GC (FID)

Reported on 19-AUG-1992 at 16:36

Schlumberger GECO-PRAKLA

GEOLAB NOR

Analysis Name : [TESTING] 32 W027318.1.1.

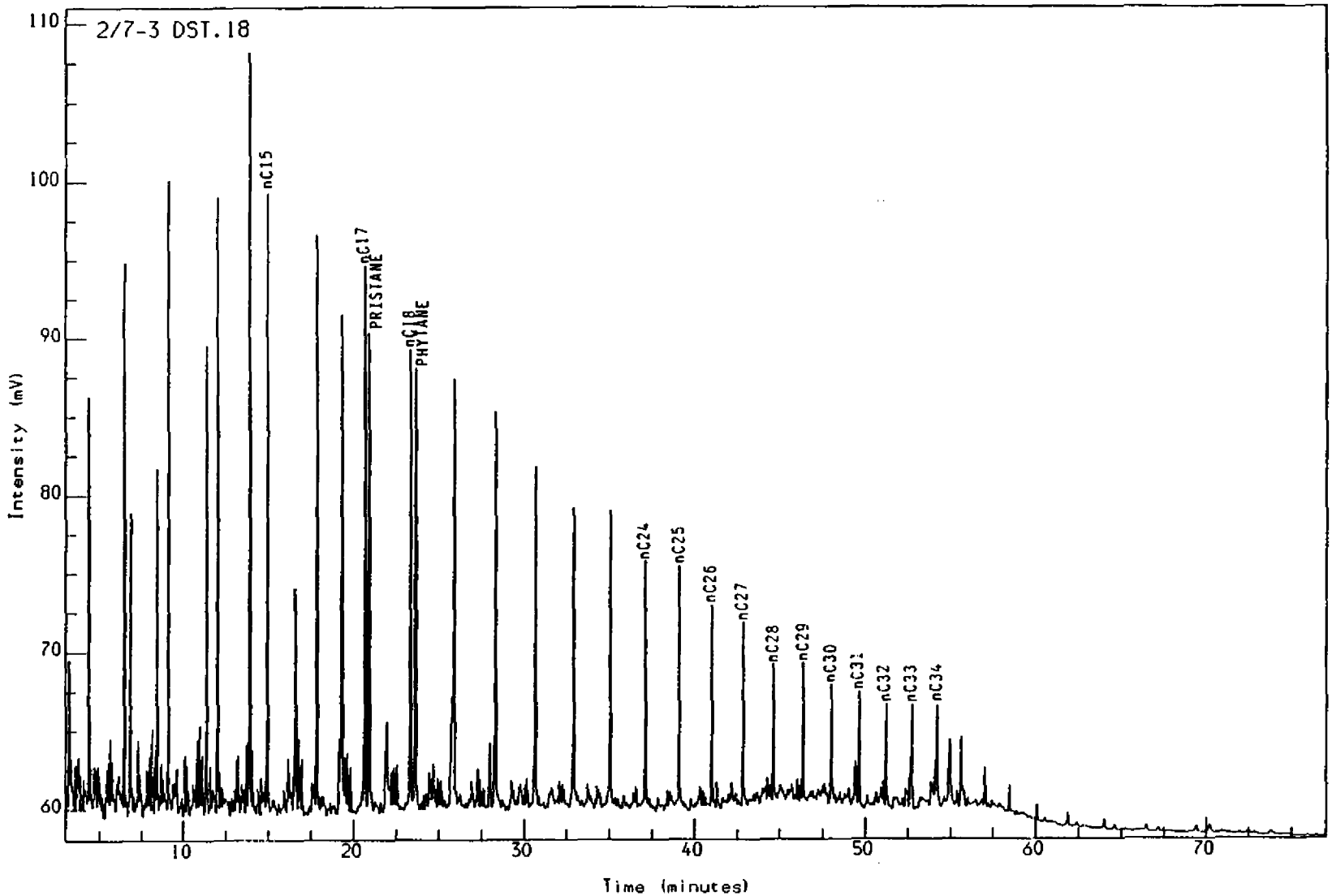


WELL 2/7-3 DST.18
WHOLE OIL GC (FPD)

Reported on 19-AUG-1992 at 16:41

Analysis Name : [523006] 11 SA27318.1.1.

Multichrom



2/7-3 DST.18
SATURATED GC

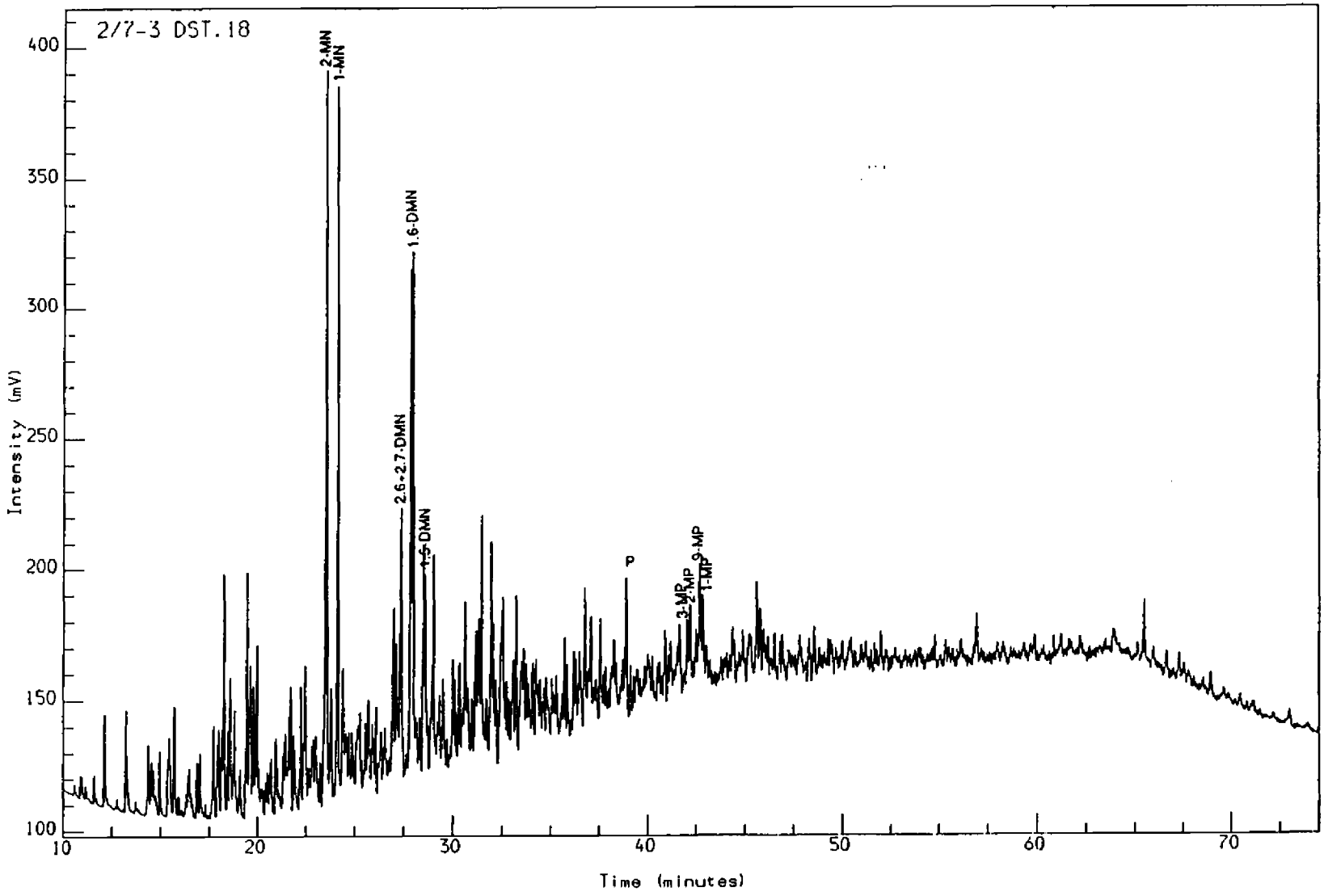
Reported on 19-AUG-1992 at 18:03

Schlumberger GECO-PRAKLA

GEOLAB NOR

Analysis Name : [TESTING] 29 AR2719R,3,1.

Multichrom

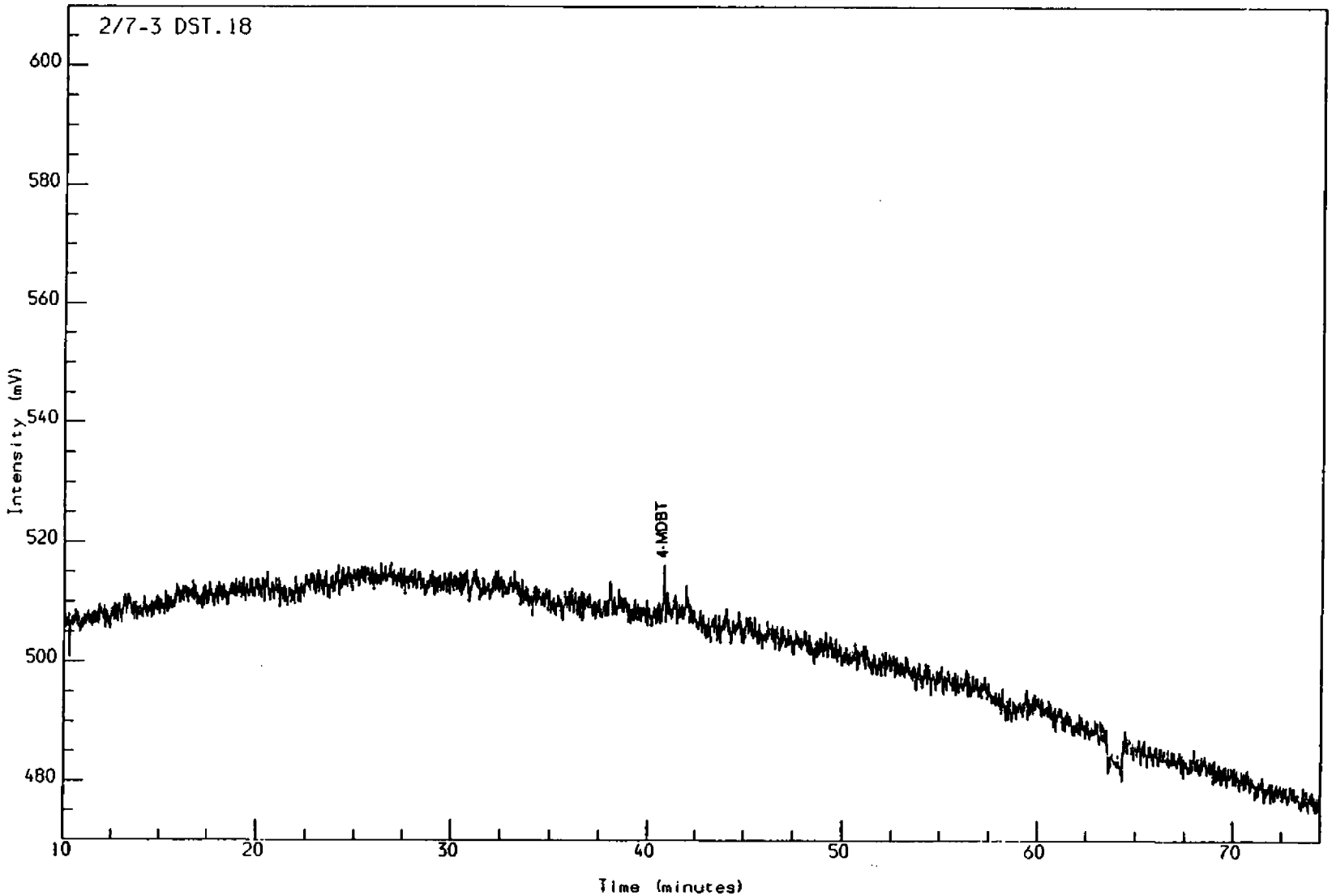


2/7-3 DST.18
AROMATIC GC (FID)

Reported on 21-AUG-1992 at 15:32

Analysis Name : [TESTING] 30 AR2719R,3,1.

Multichrom



2/7-3 DST.1B
AROMATIC GC (FPD)

Reported on 21-AUG-1992 at 15:41

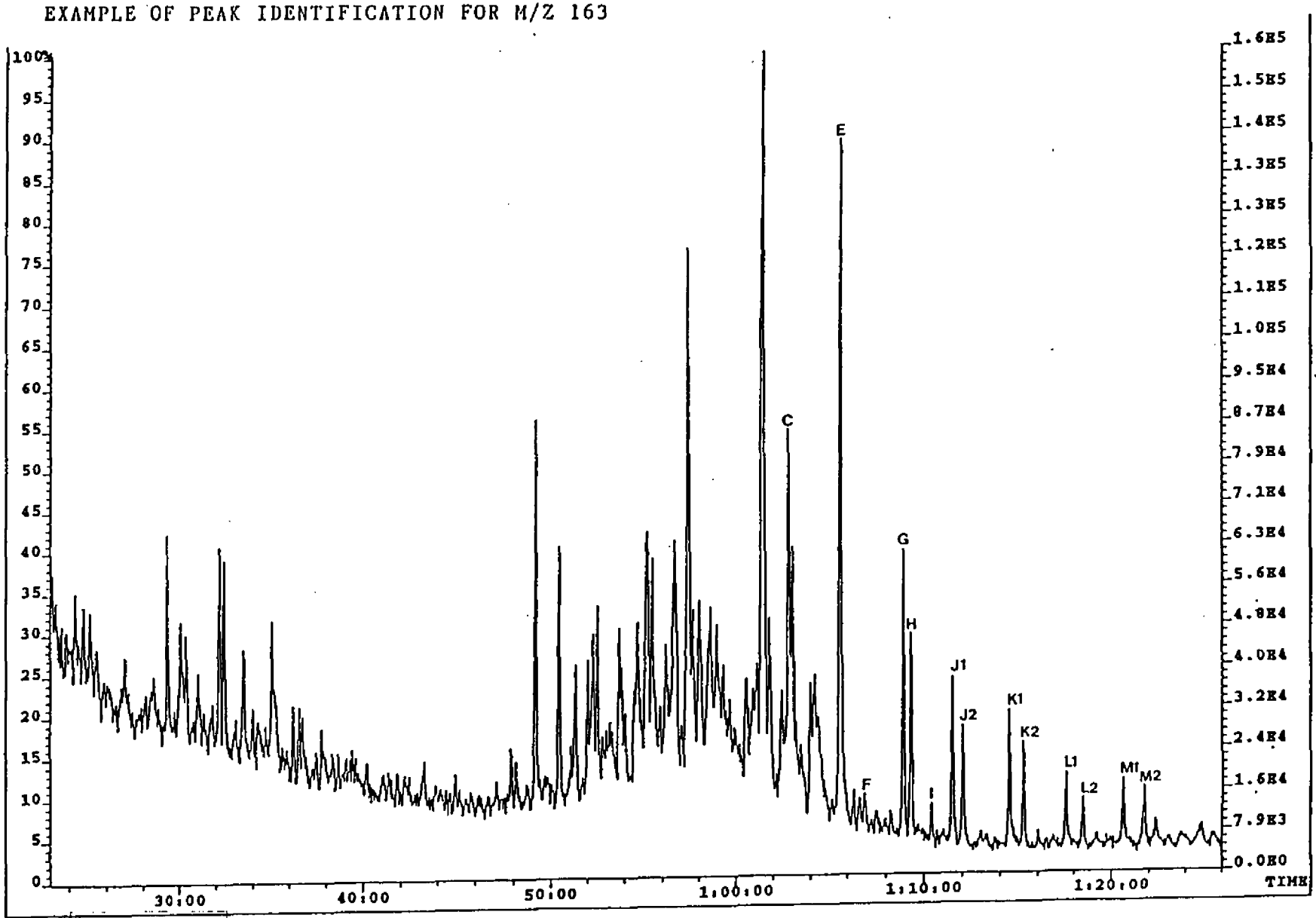
Schlumberger GECO-PRAKLA

GEOLAB NOR

FRAGMENTOGRAMS

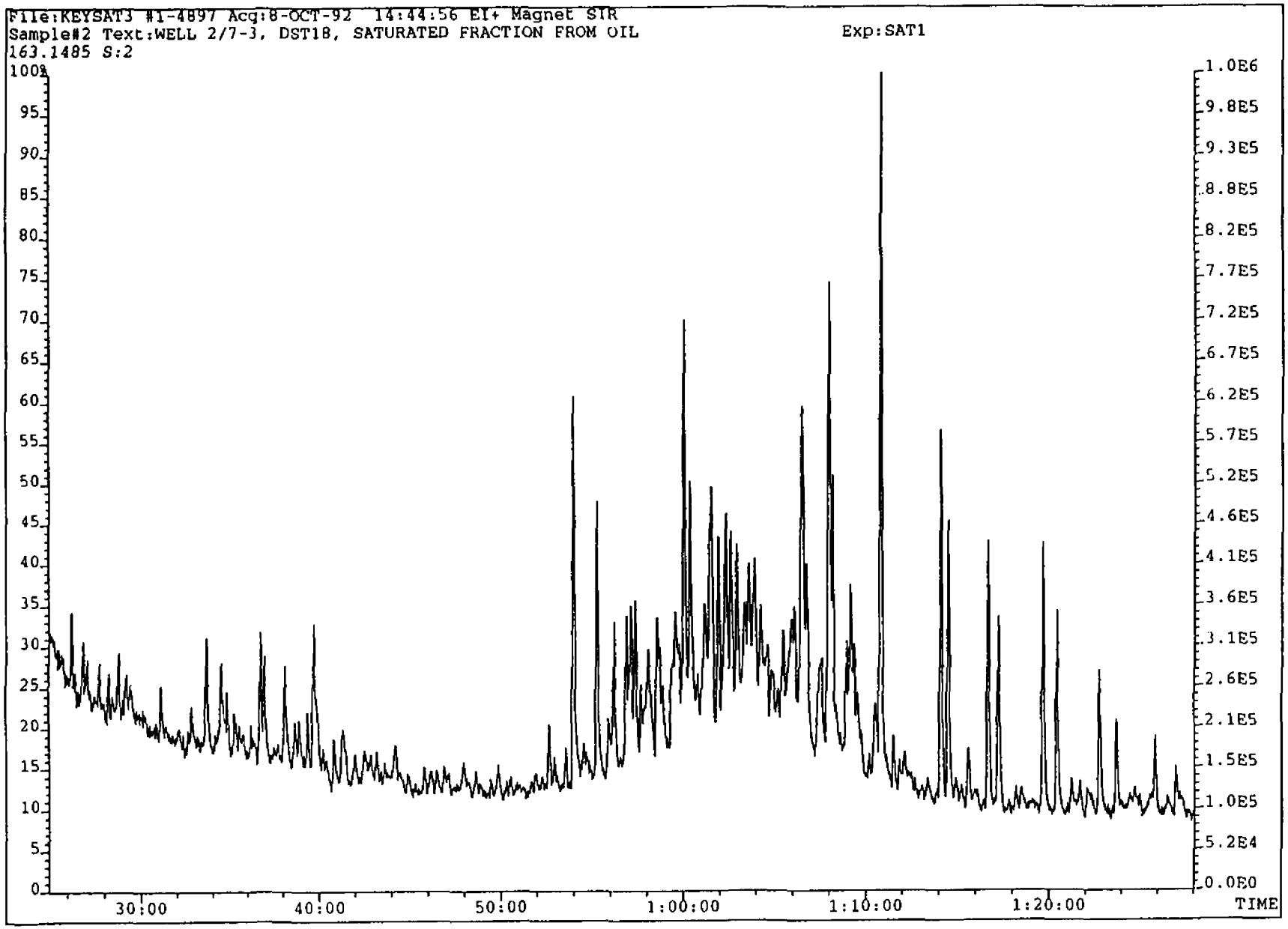
Saturated Fraction from oil (SIR)

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 163



Schlumberger GECO-PRAKLA

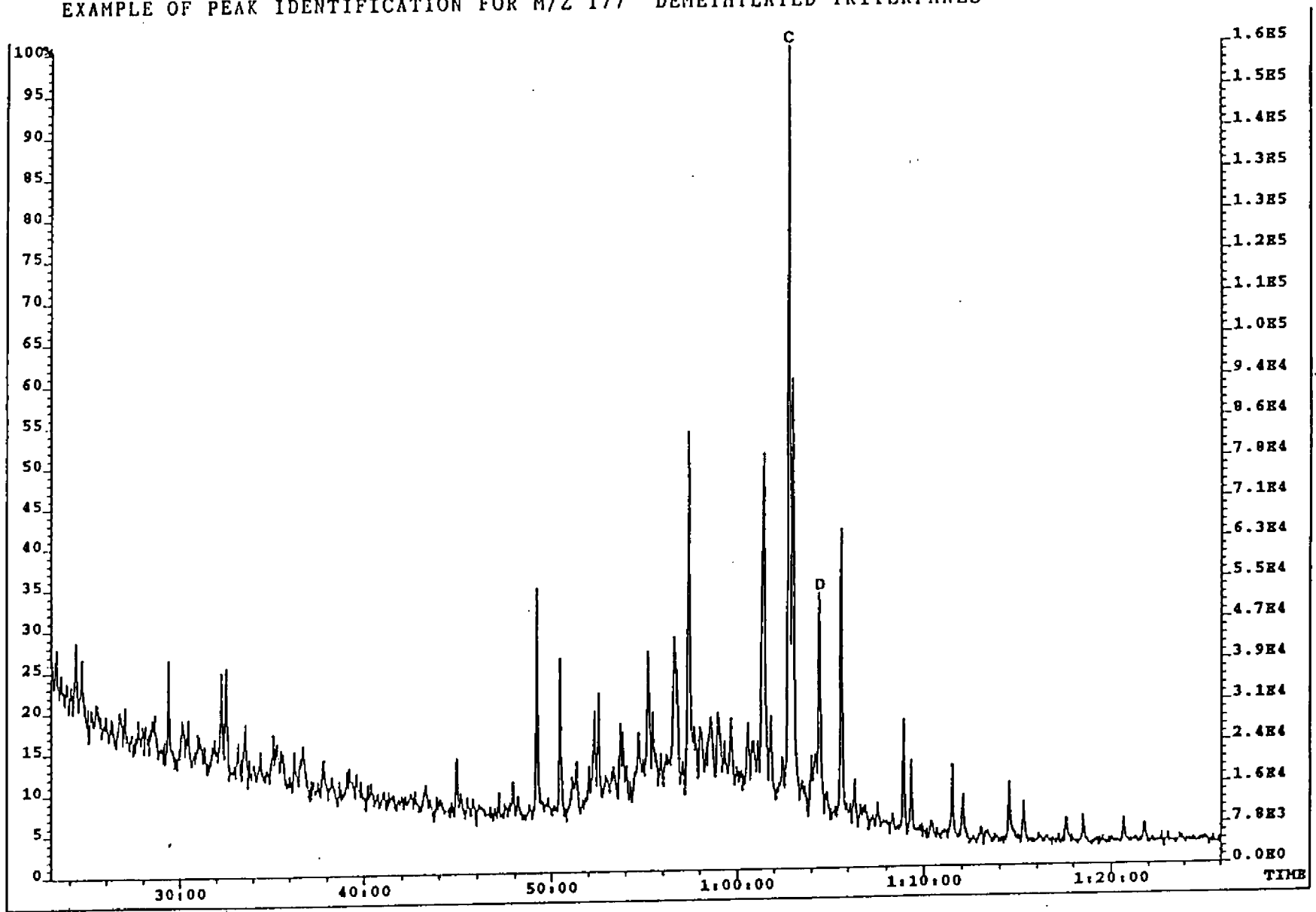
GEOLAB NOR

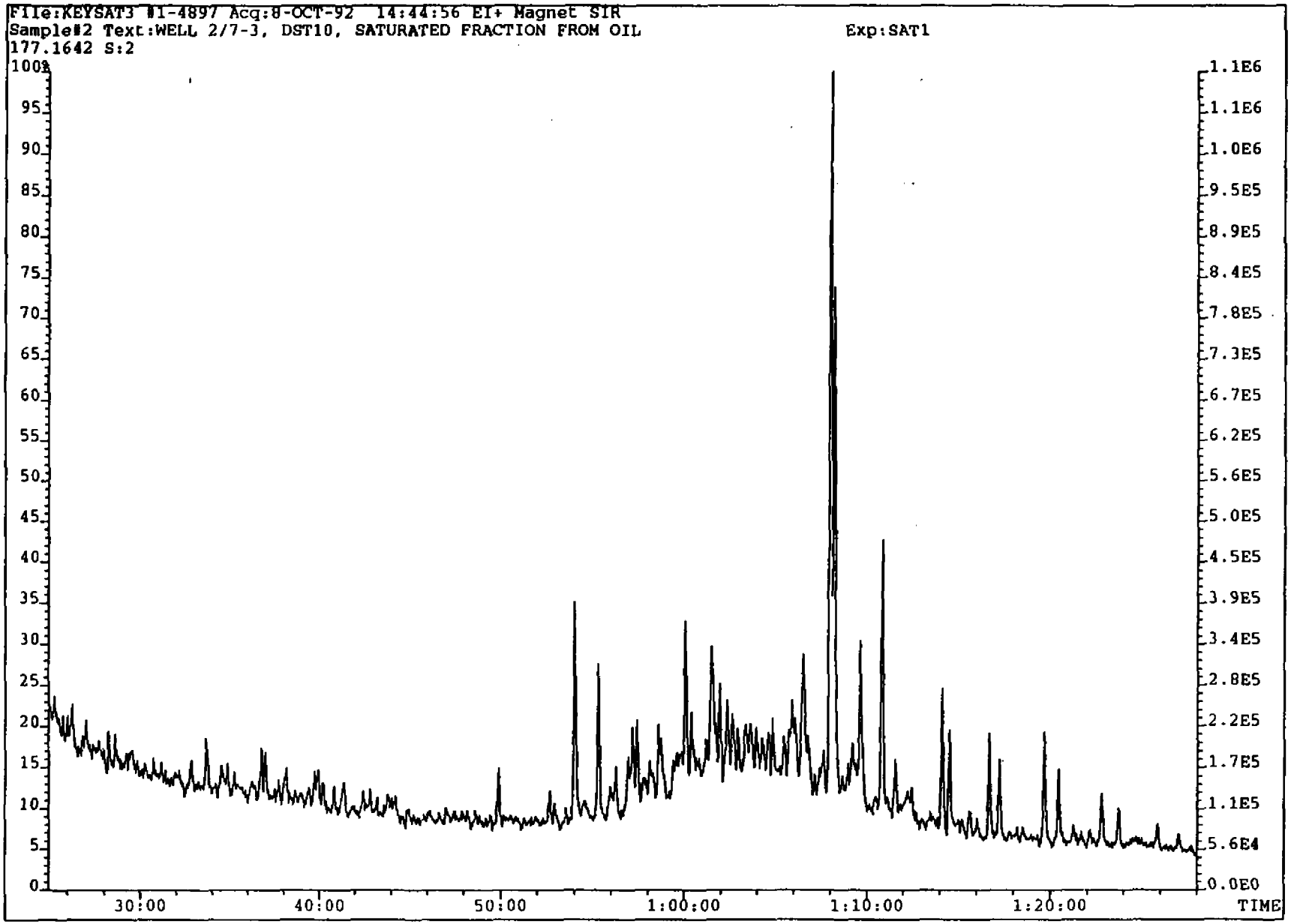


Schlumberger GECO-PRAKLA

GEOLAB NOR

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 177 DEMETHYLATED TRITERPANES





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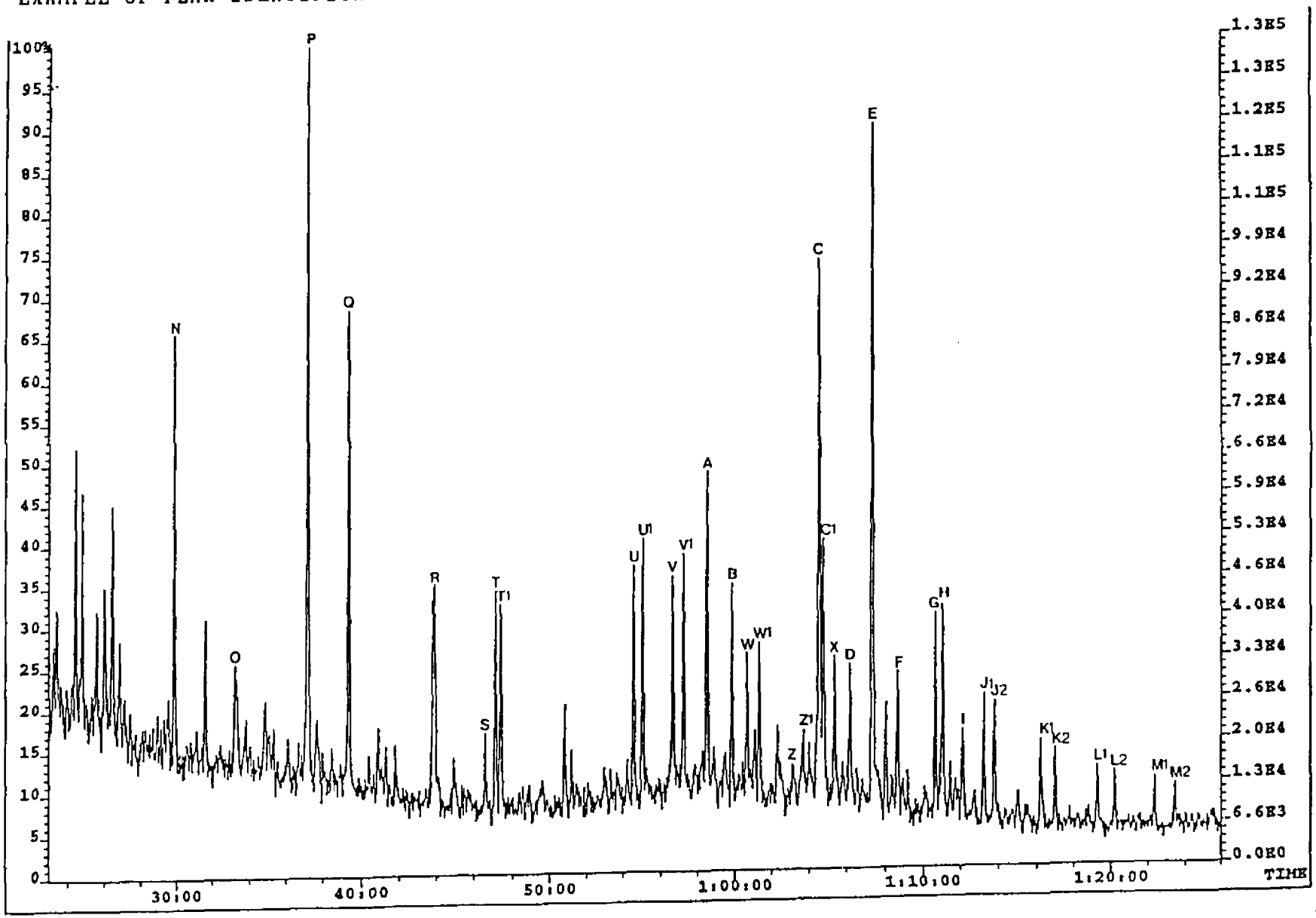
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 191 - TRITERPANES



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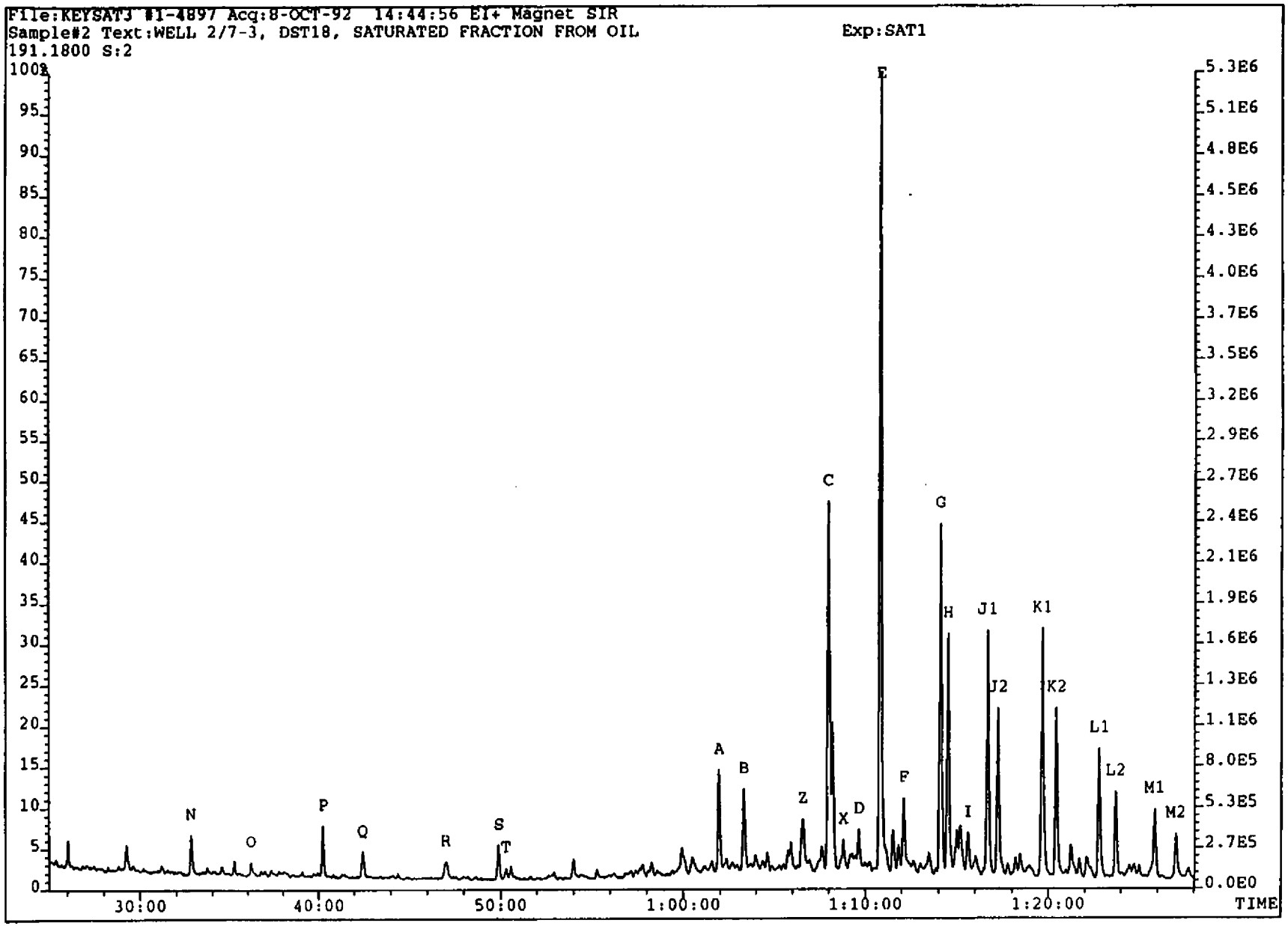
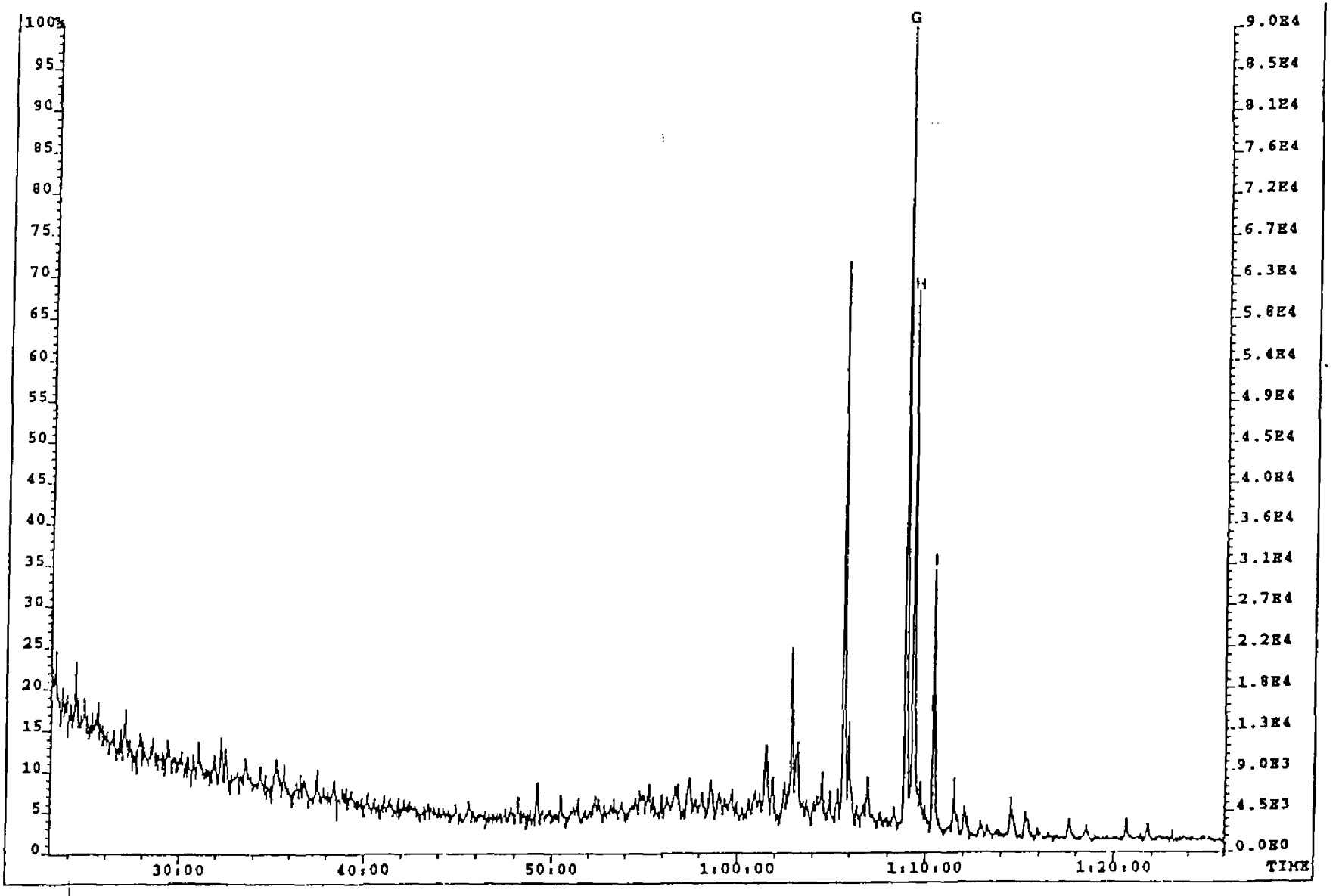
GEOLAB NOR



Schlumberger GECO-PRAKLA

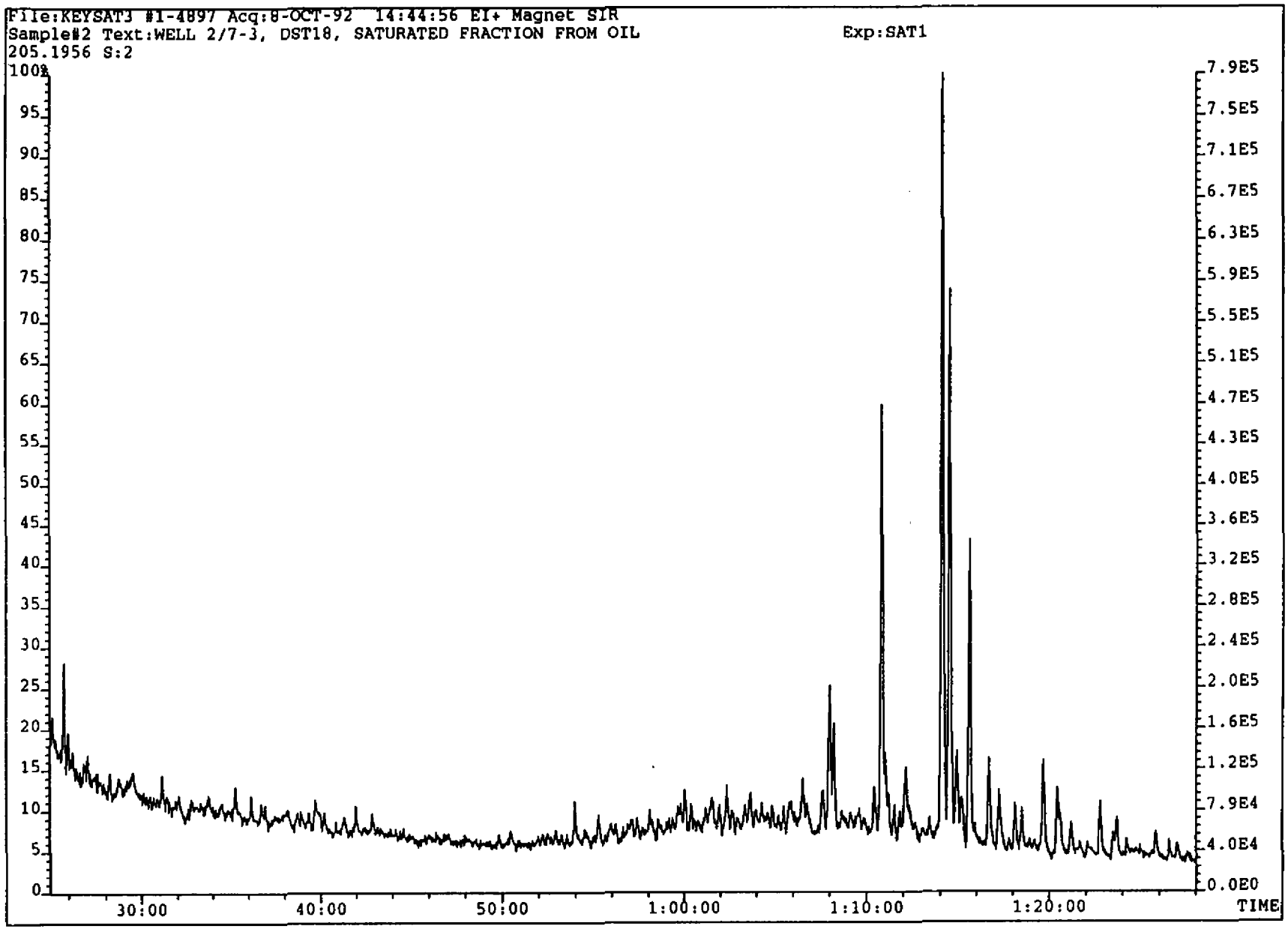
GEOLAB NOR

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 205 METHYLATED TRITERPANES



Schlumberger GECO-PRAKLA

GEOLAB NOR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90
85
80
75
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65
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45
40
35
30
25
20
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10
5
0
7.9E5
7.5E5
7.1E5
6.7E5
6.3E5
5.9E5
5.5E5
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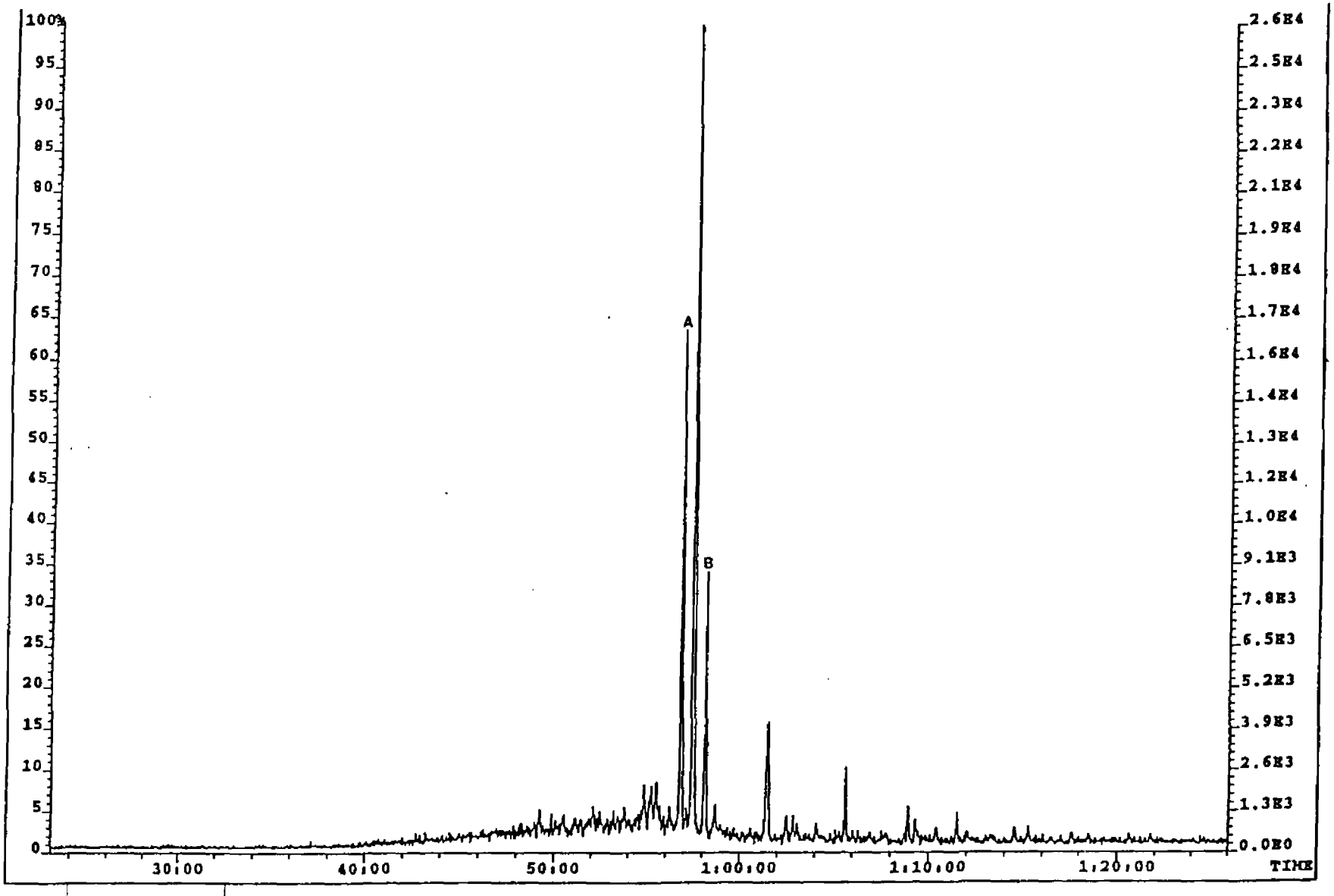
TIME

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 370 C27 TRITERPANES



Schlumberger GECO-PRAKLA

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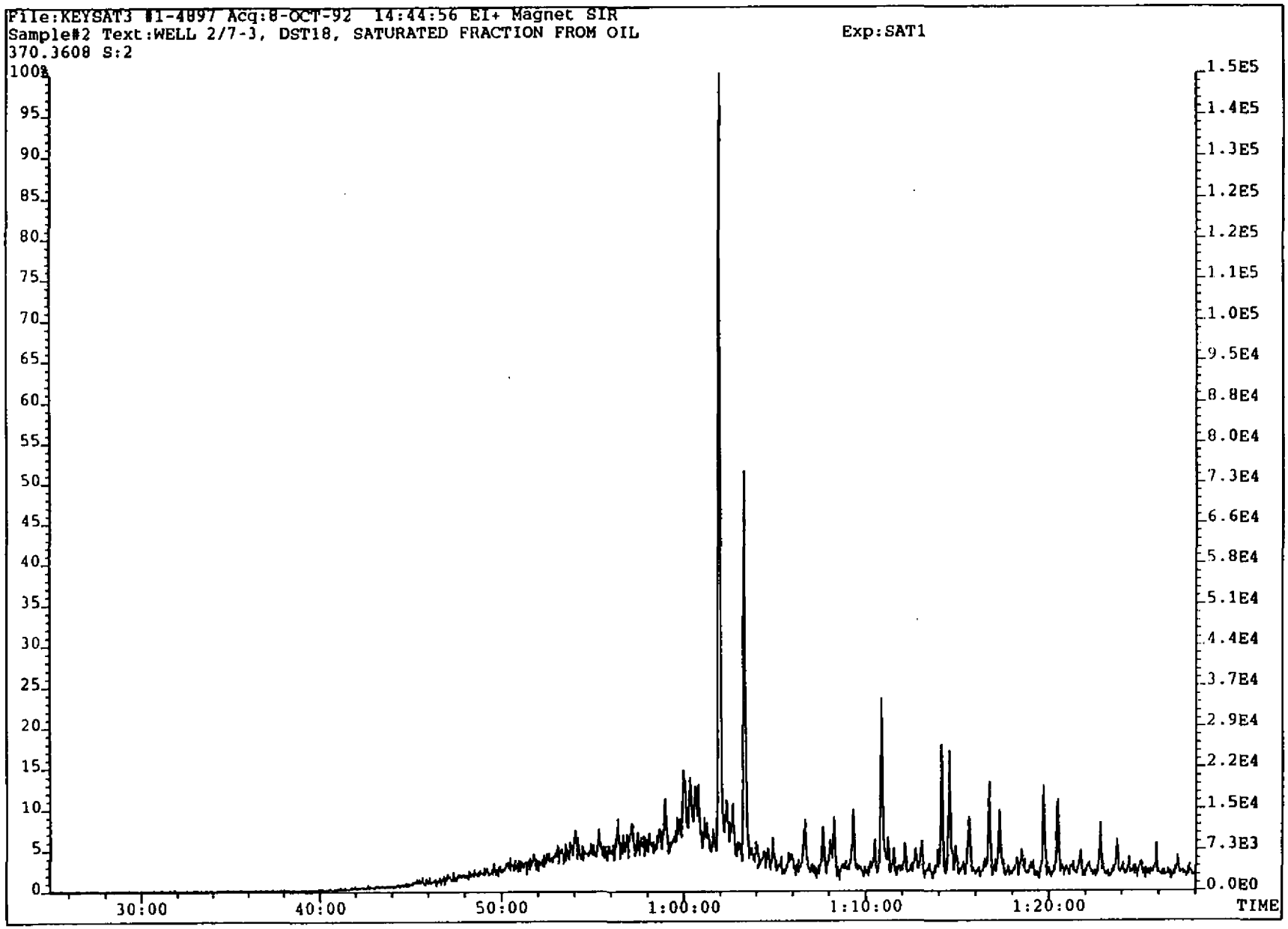
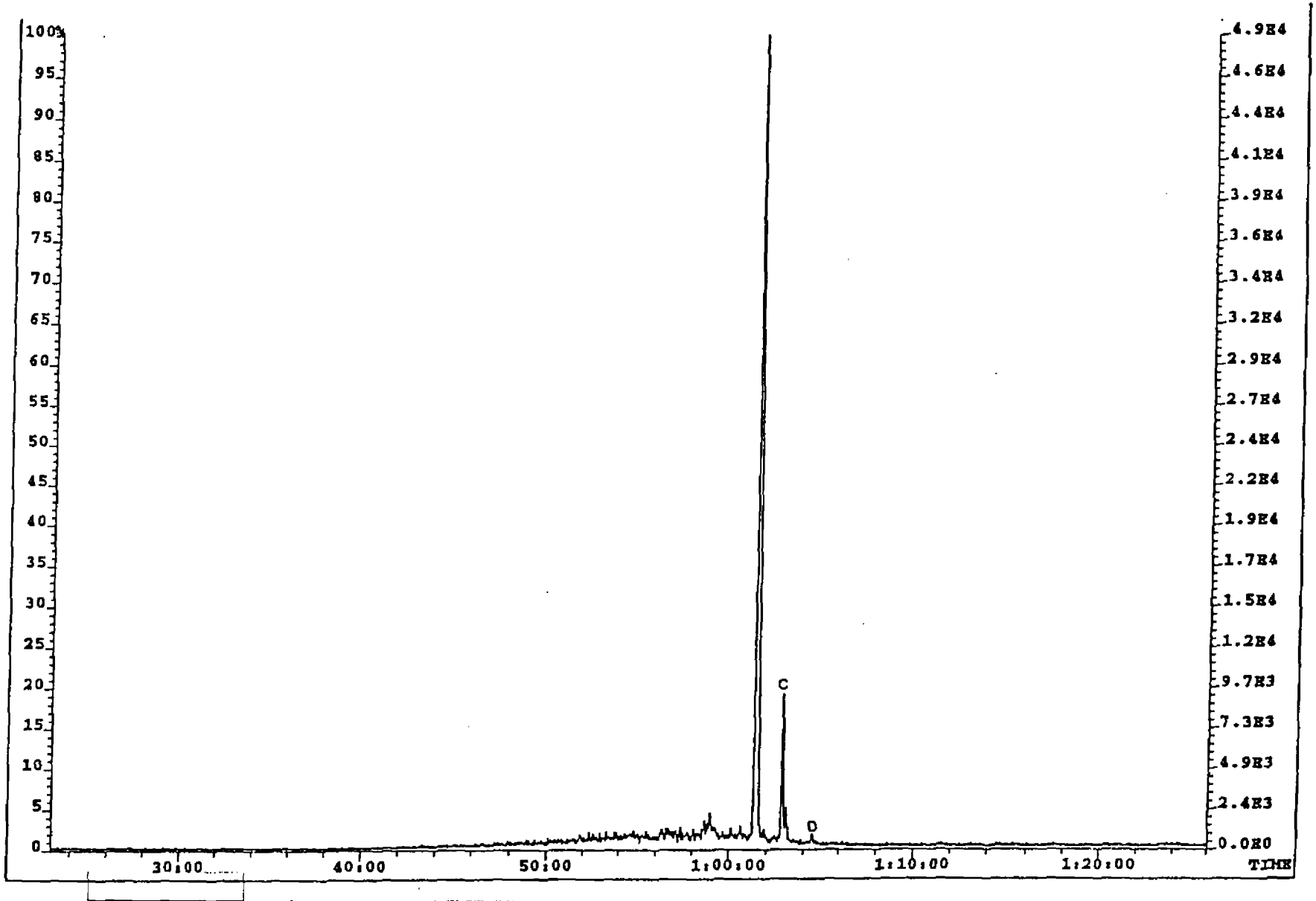


Schlumberger GECO-PRAKLA

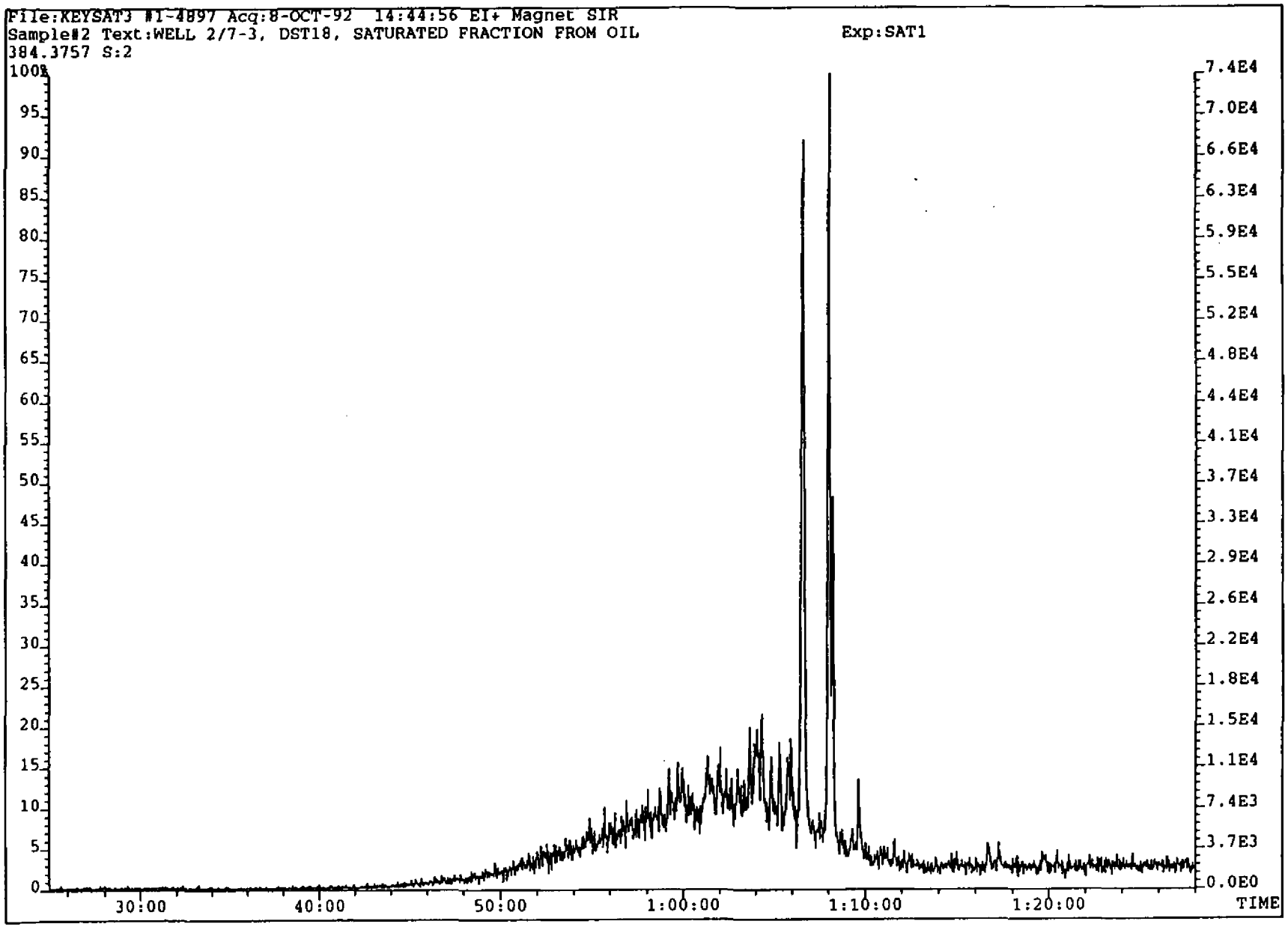
GEOLAB NOR

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 384 C28 TRITERPANES



Schlumberger GECO-PRAKLA

GEOLAB NOR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384.3757 S:2
Exp:SAT1
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95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
7.4E4
7.0E4
6.6E4
6.3E4
5.9E4
5.5E4
5.2E4
4.8E4
4.4E4
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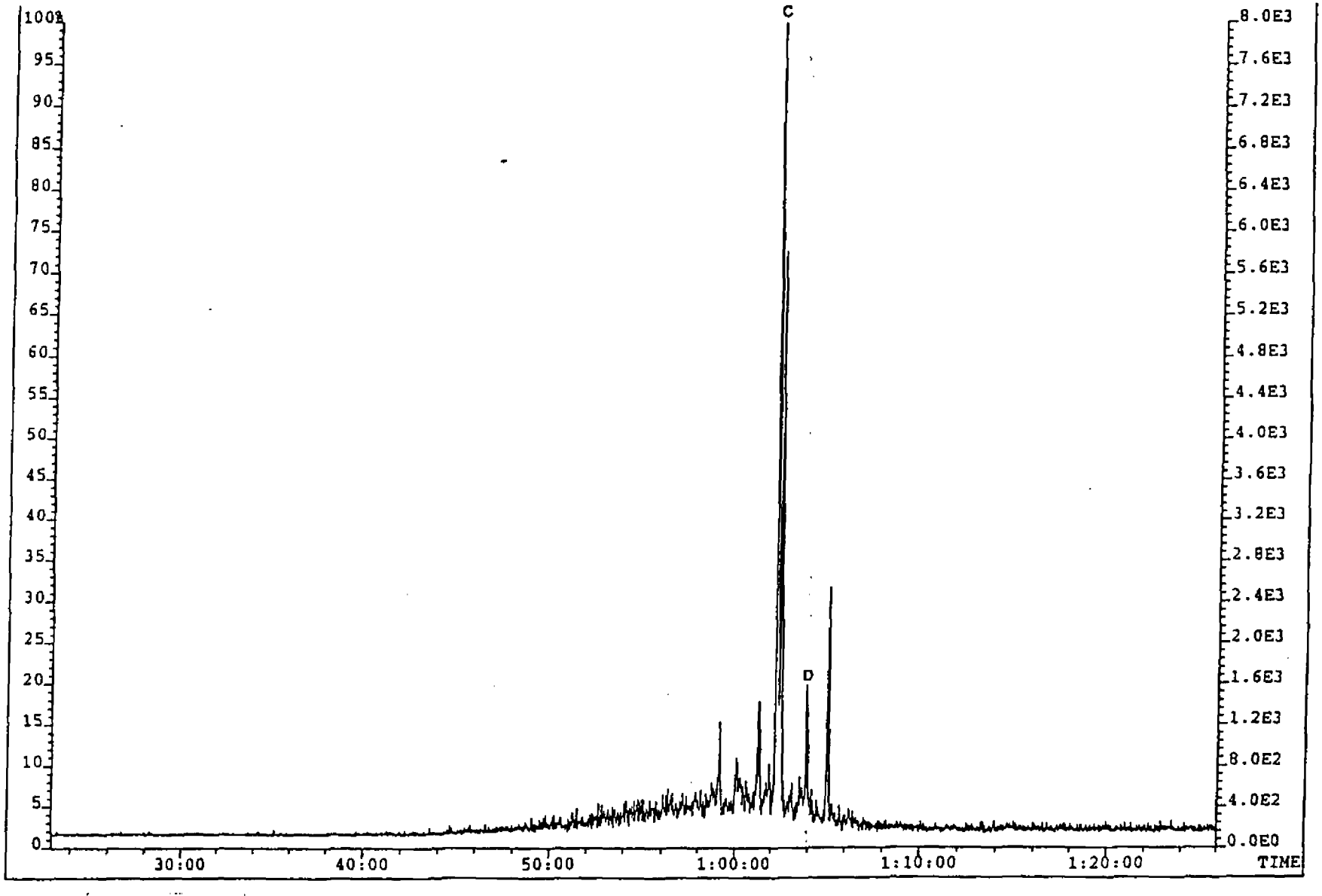
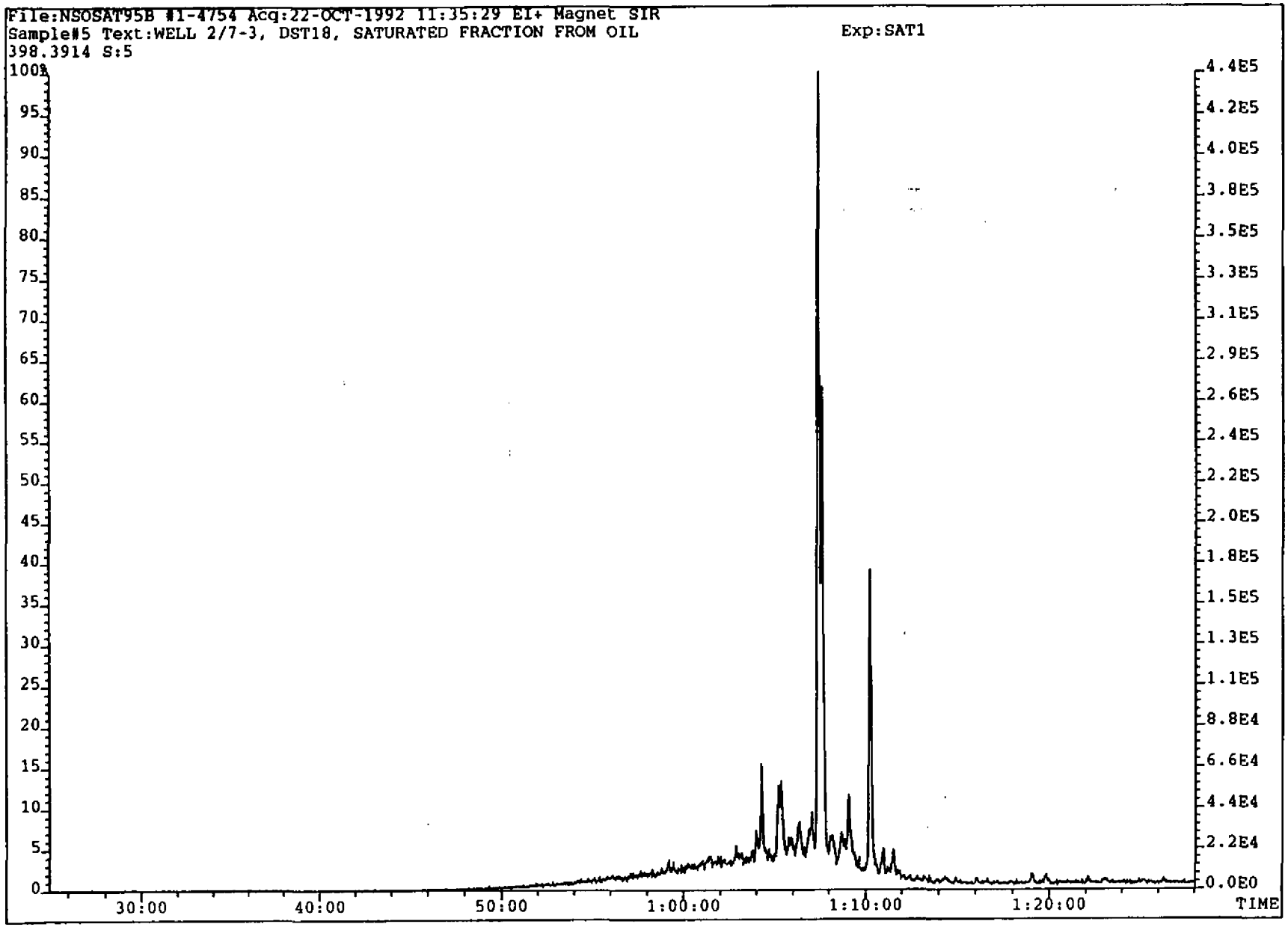
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 398 C29 TRITERPANES





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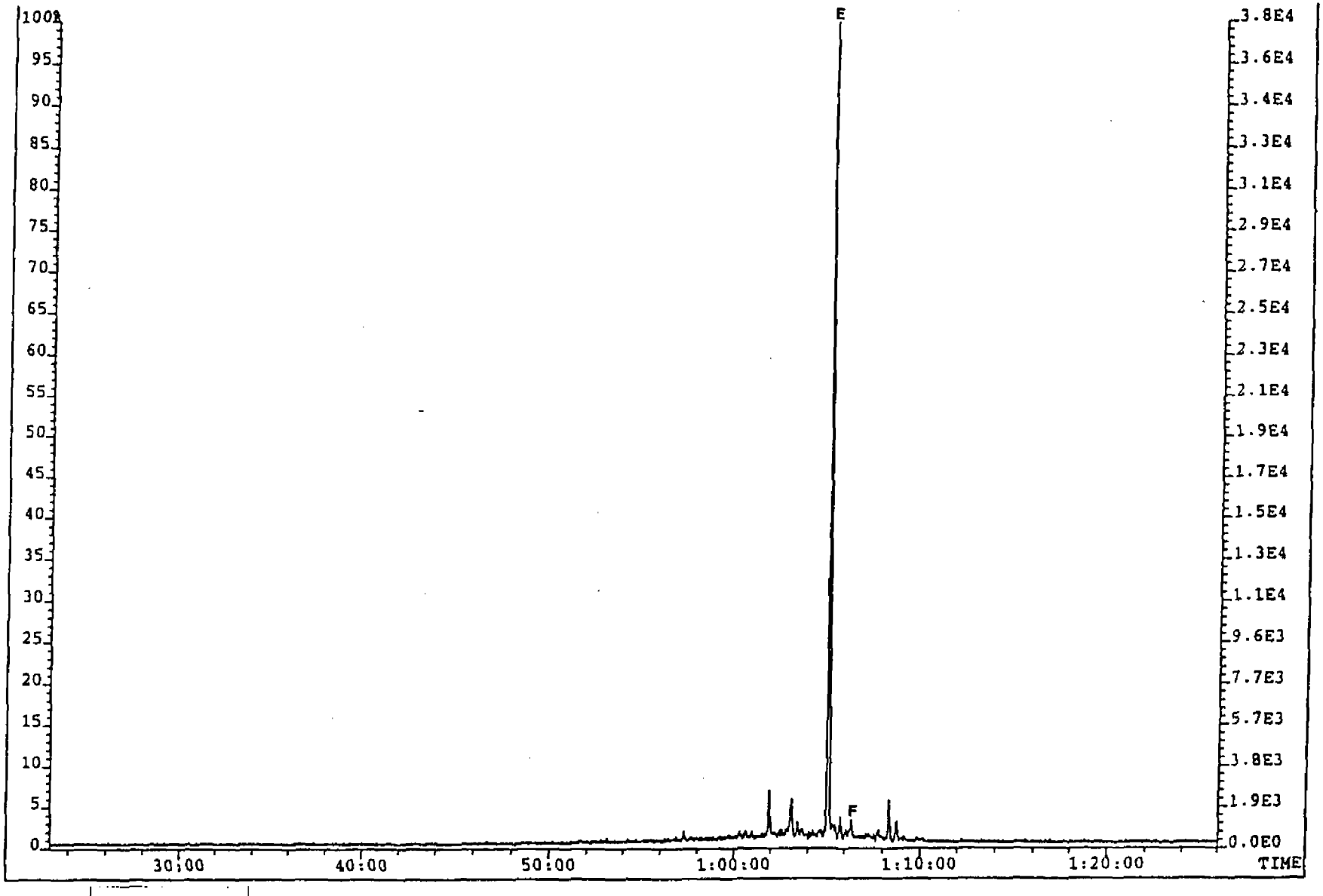
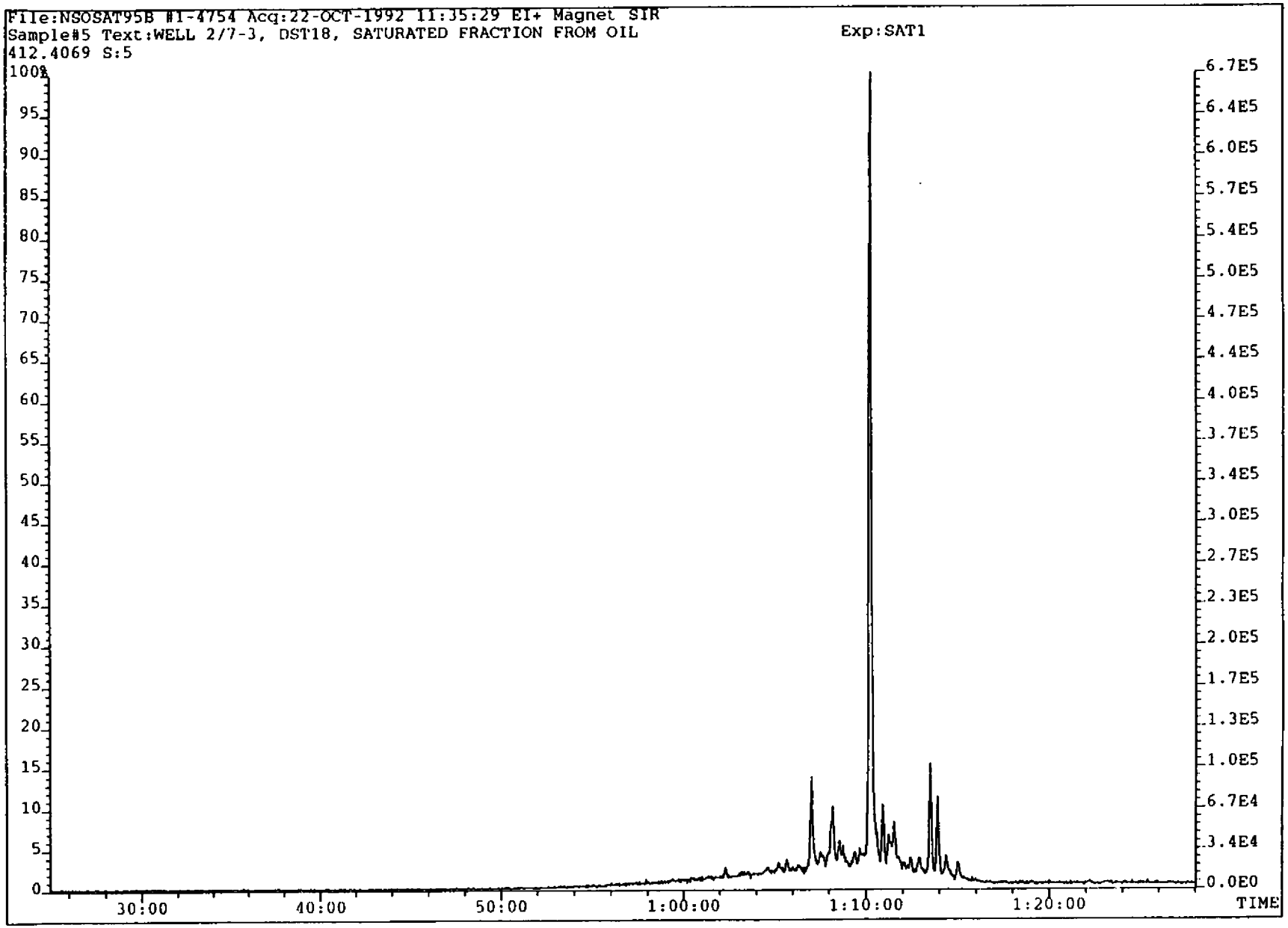
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 412 C30 TRITERPANES





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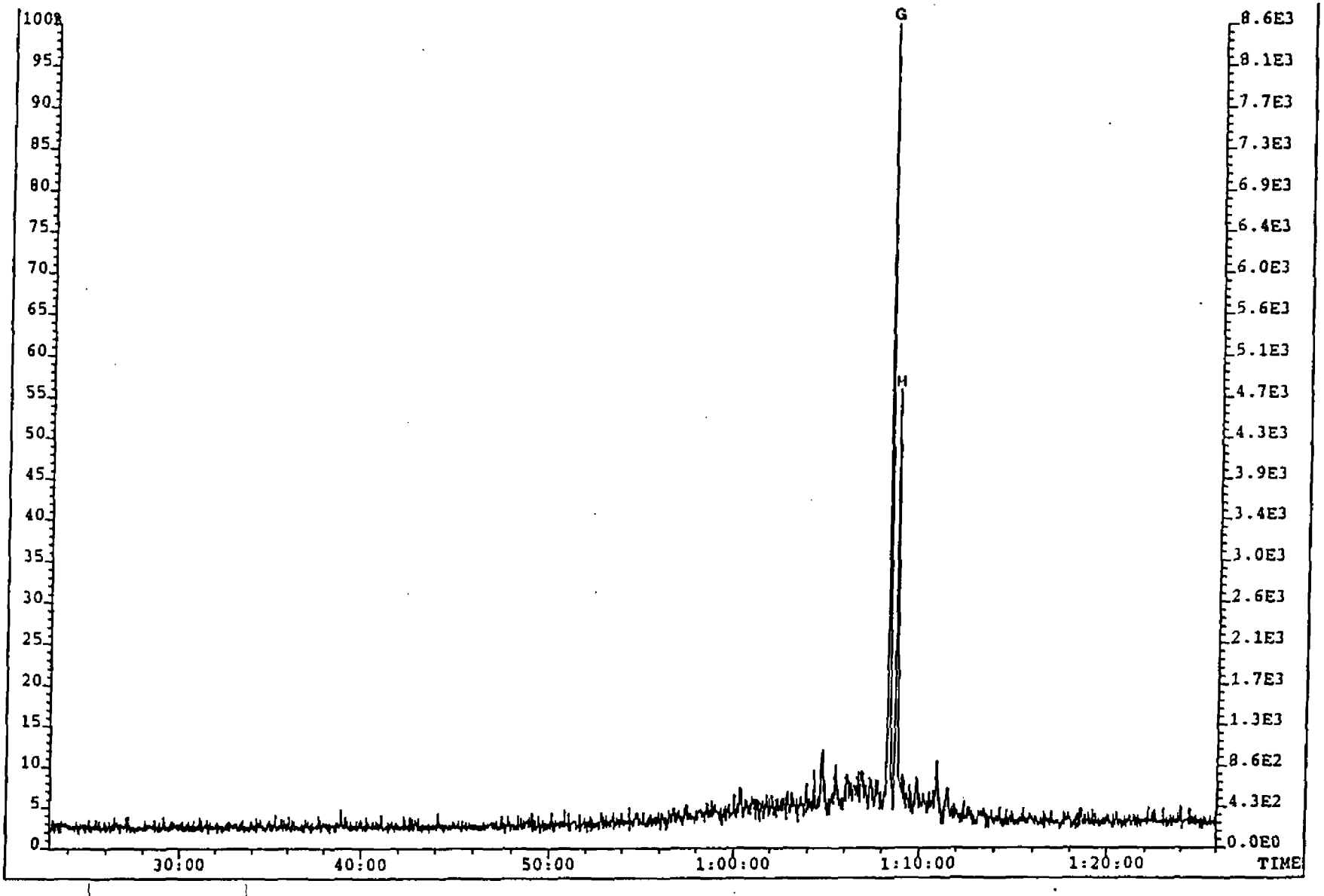
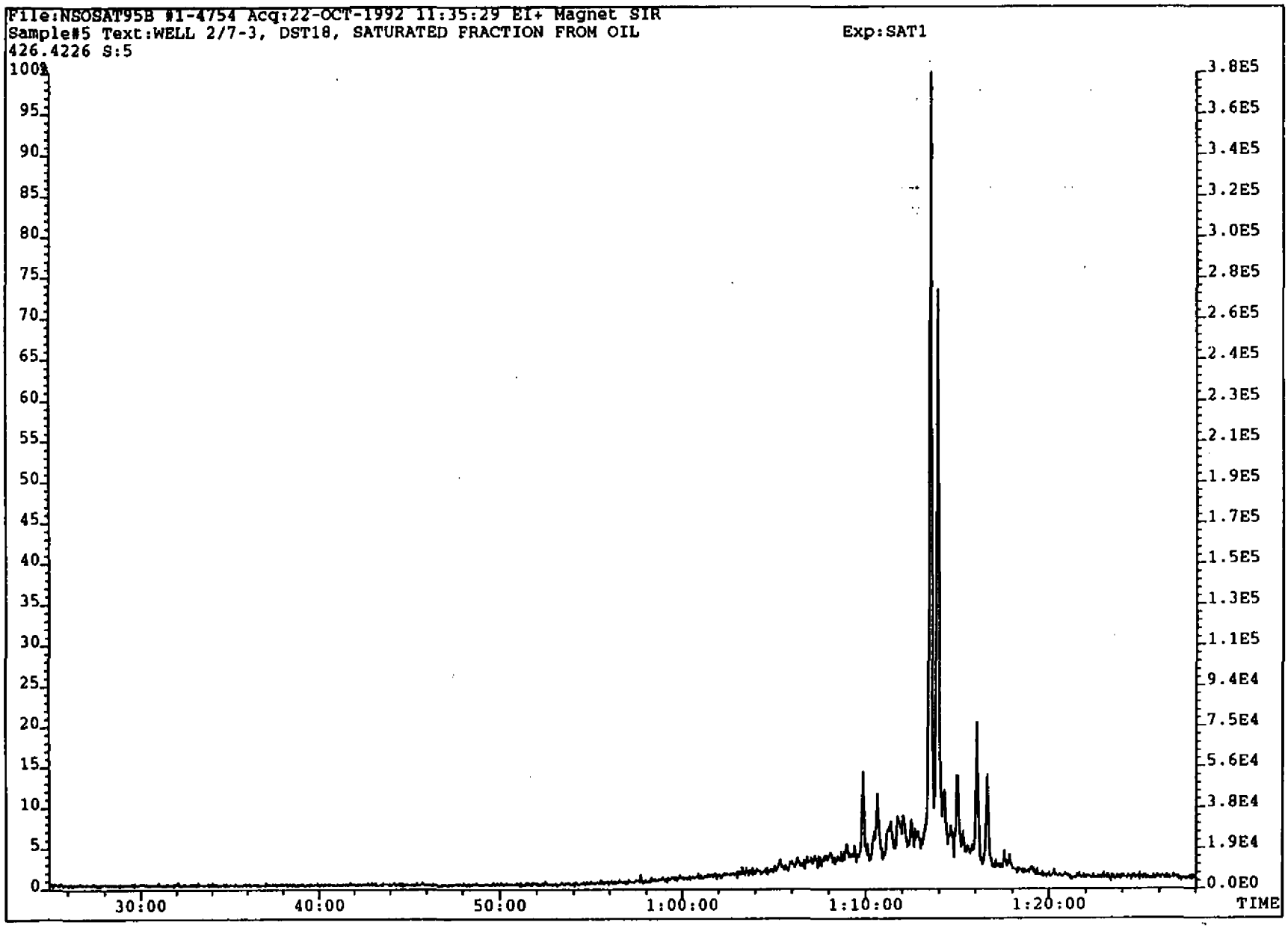
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 426 C31 TRITERPANES





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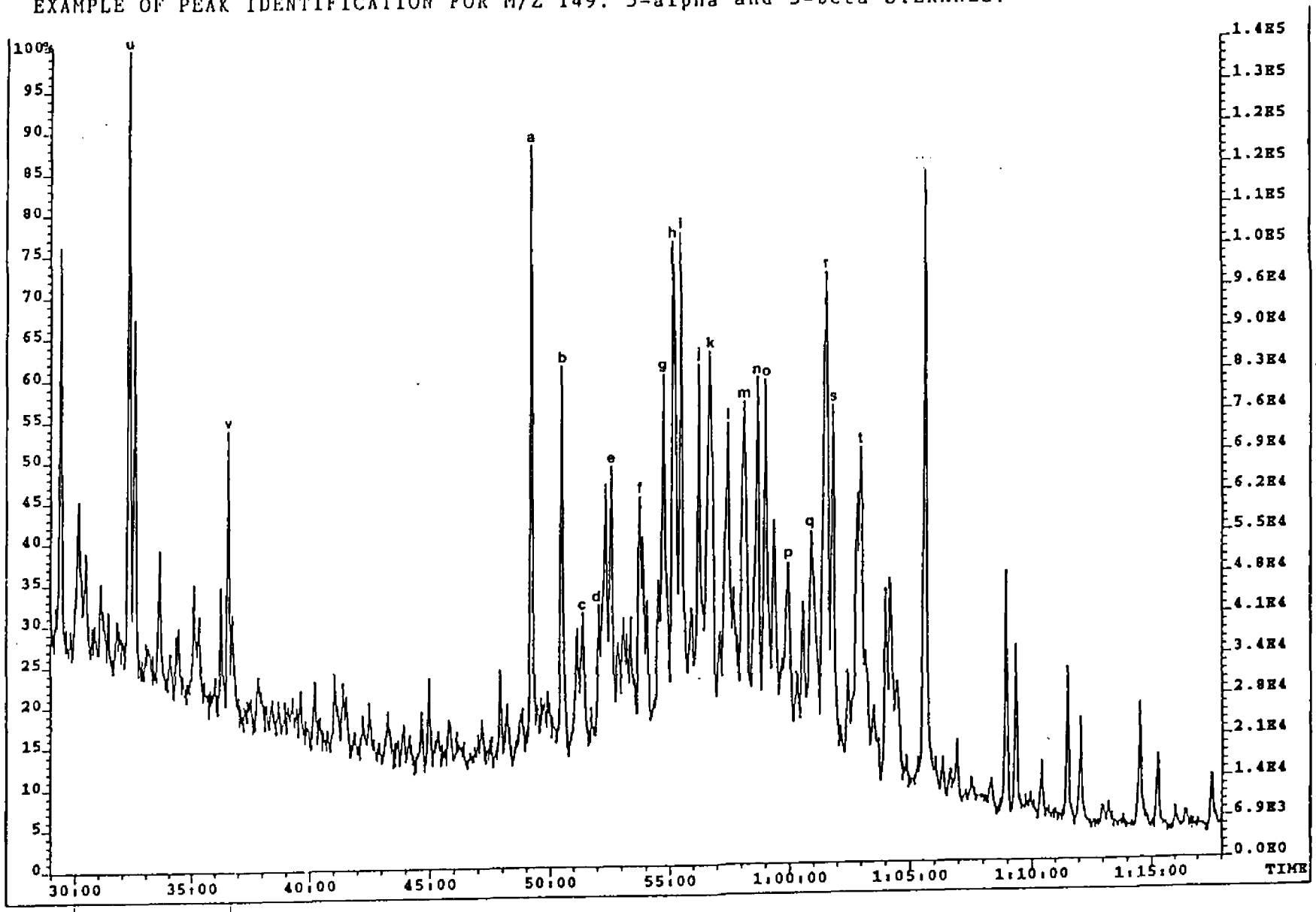
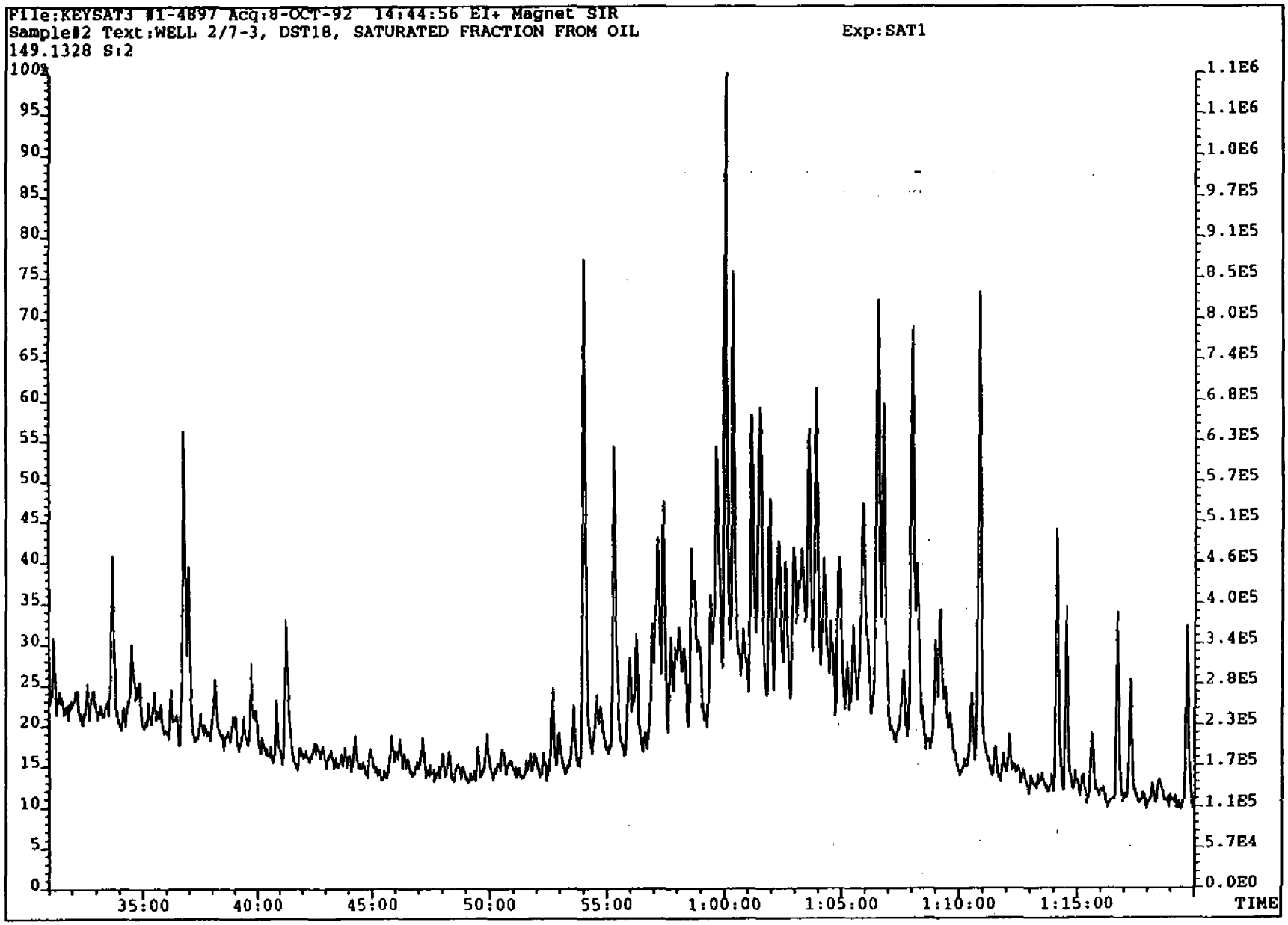
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 149. 5-alpha and 5-beta STERANES.

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Exp:SAT1
149.1328 S:2
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95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
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5
0
1.1E6
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1.0E6
9.7E5
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8.0E5
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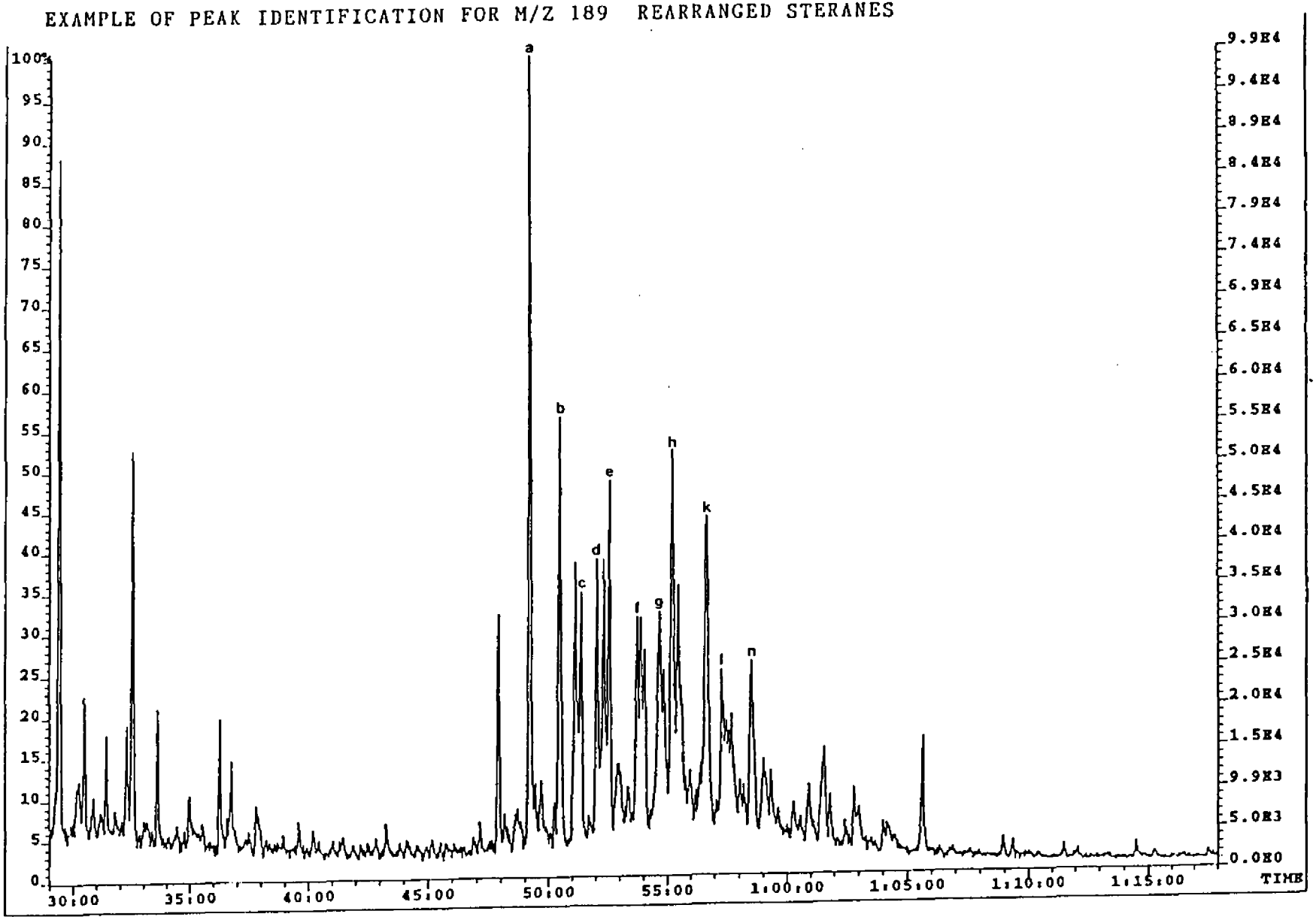
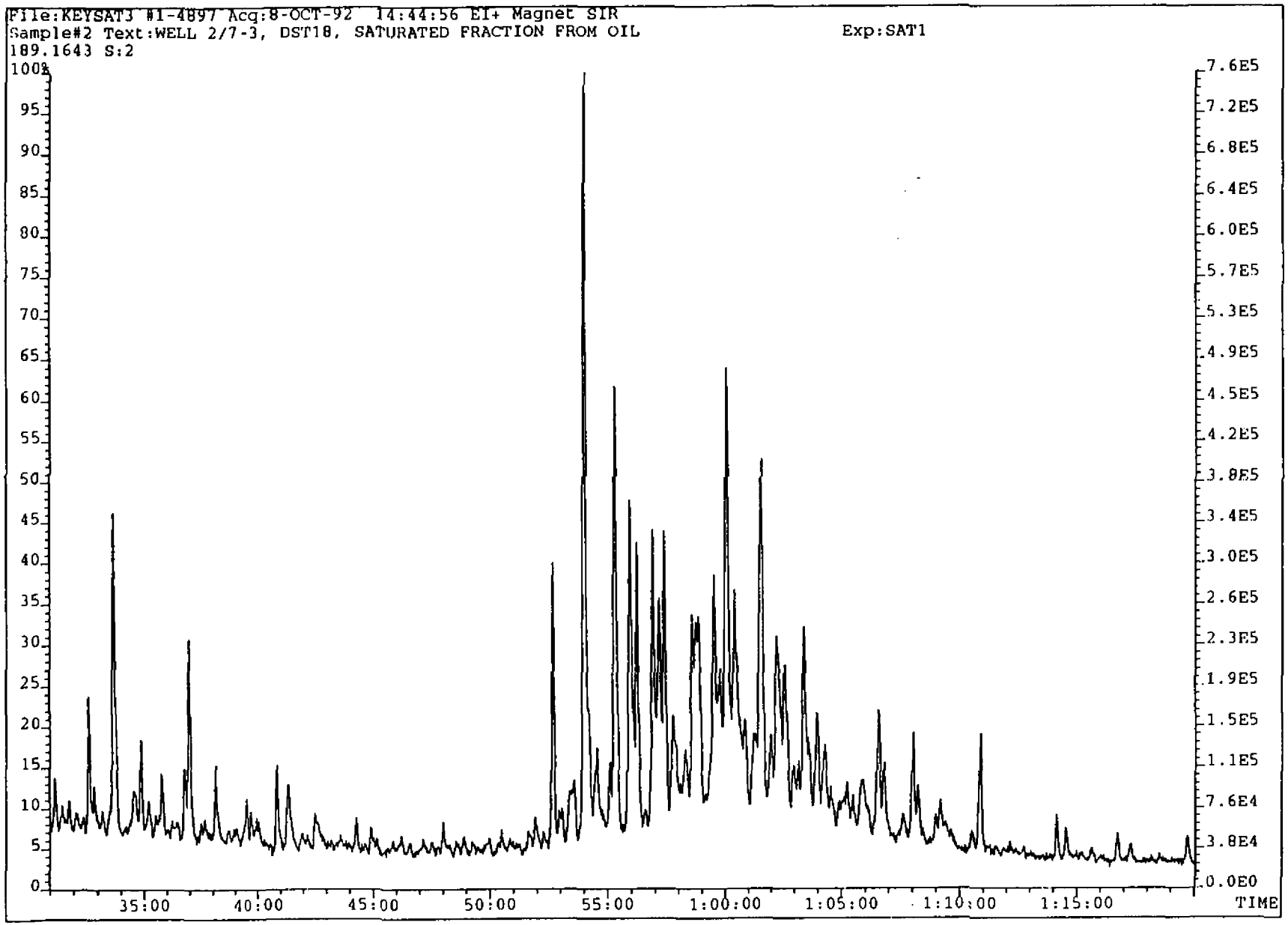
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 189 REARRANGED STERANES



Schlumberger GECO-PRAKLA

GEOLAB NOR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189.1643 S:2
100%
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
7.6E5
7.2E5
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4.9E5
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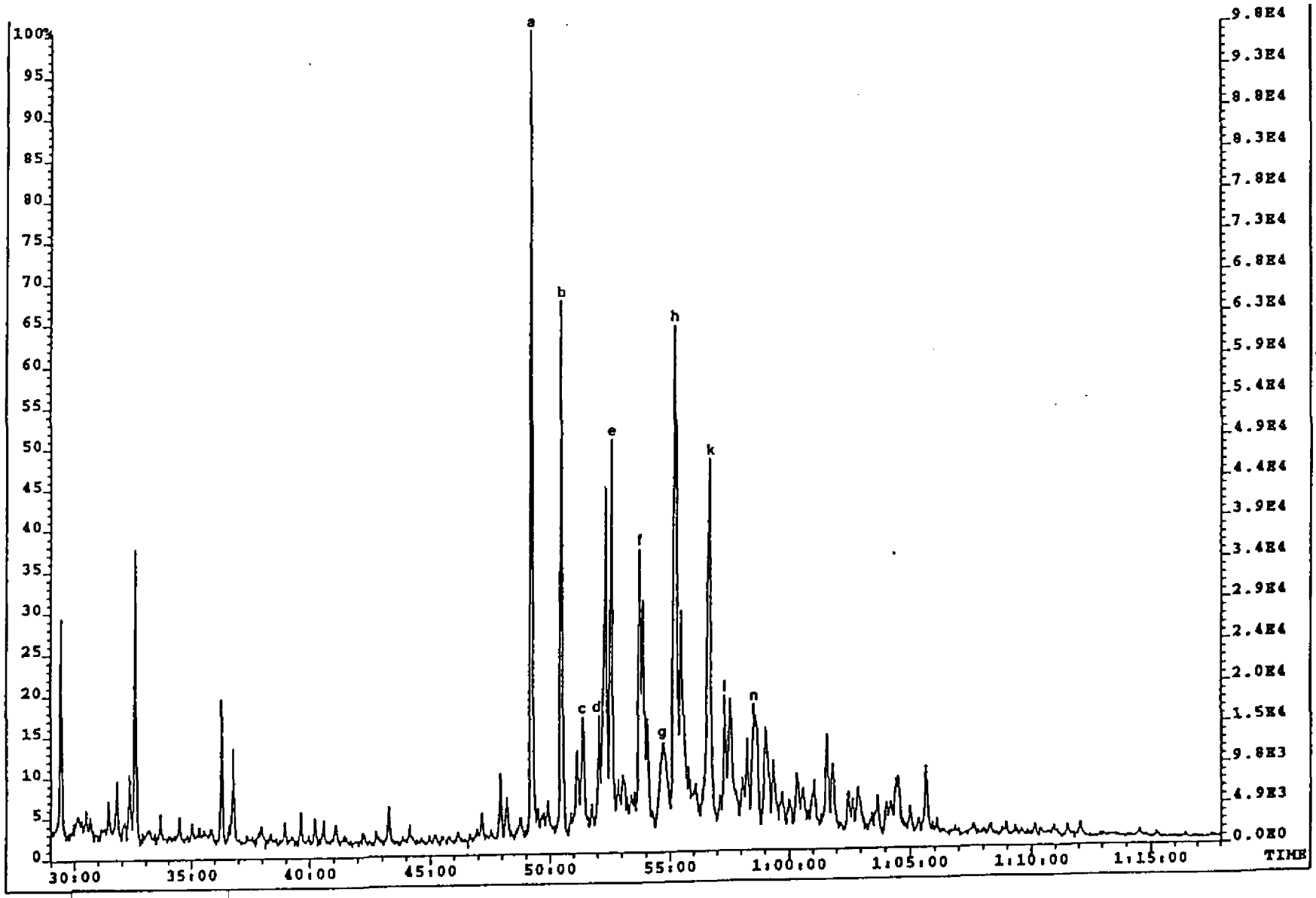
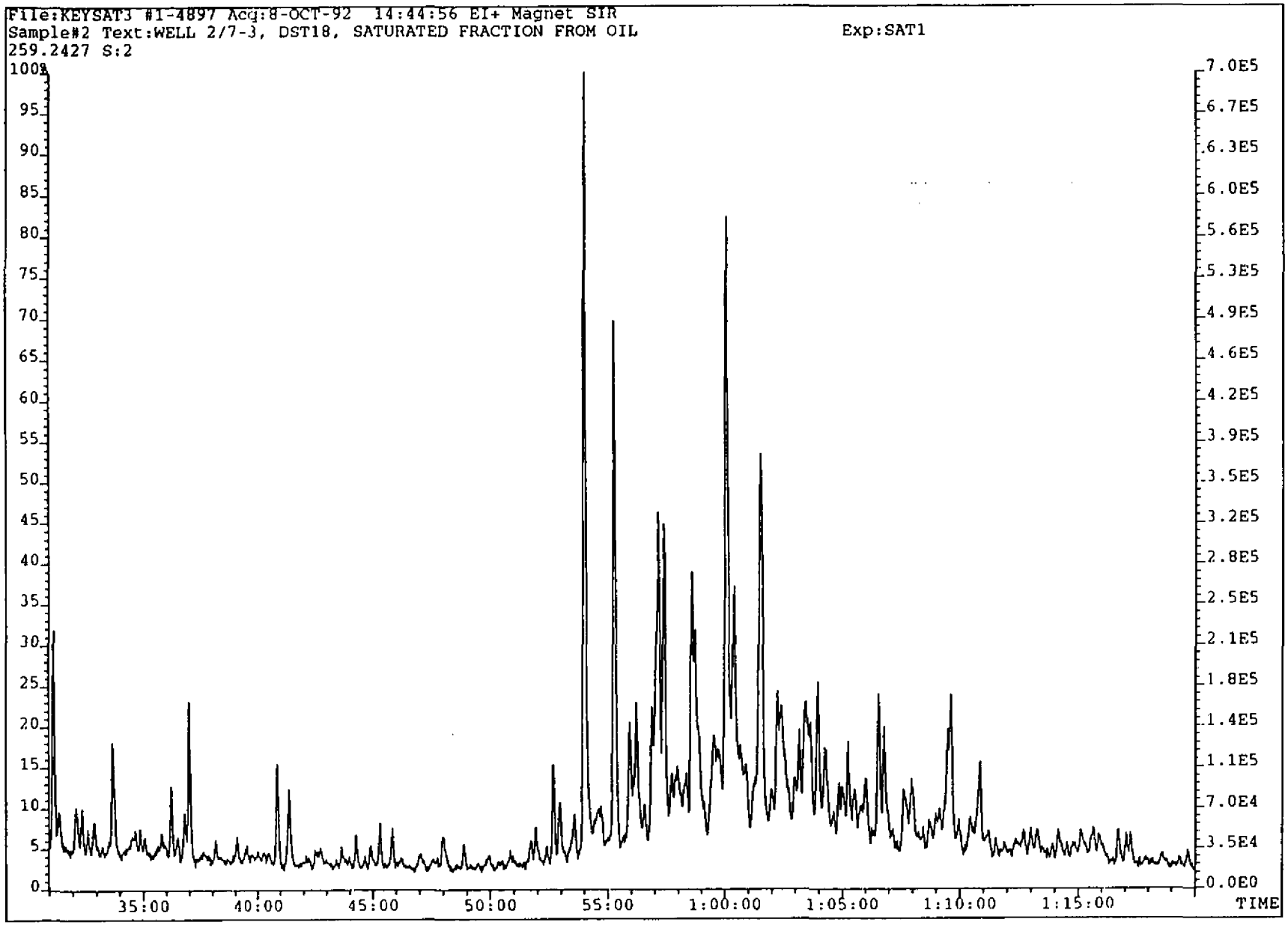
TIME

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 259 REARRANGED STERANES





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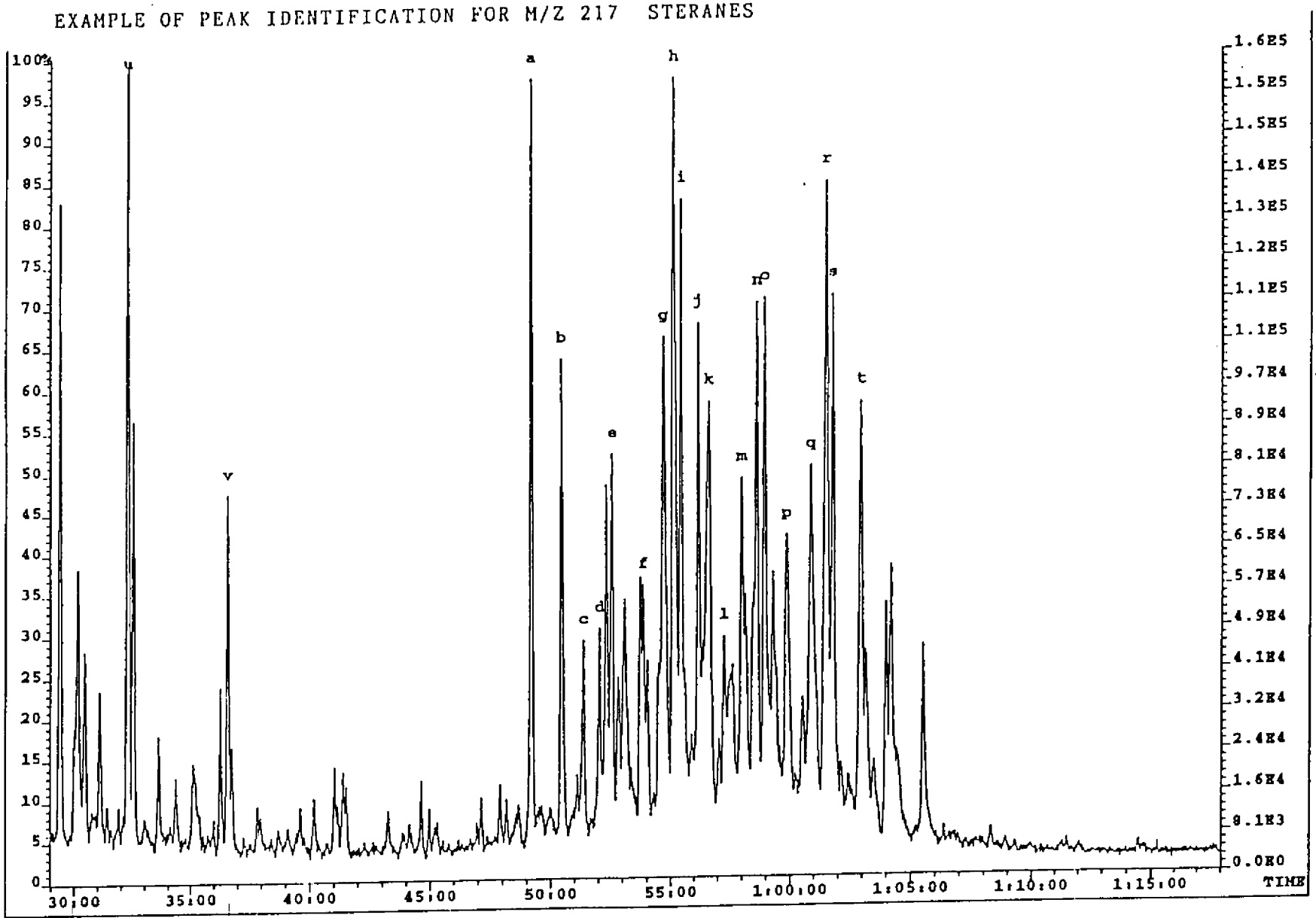
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 217 STERANES



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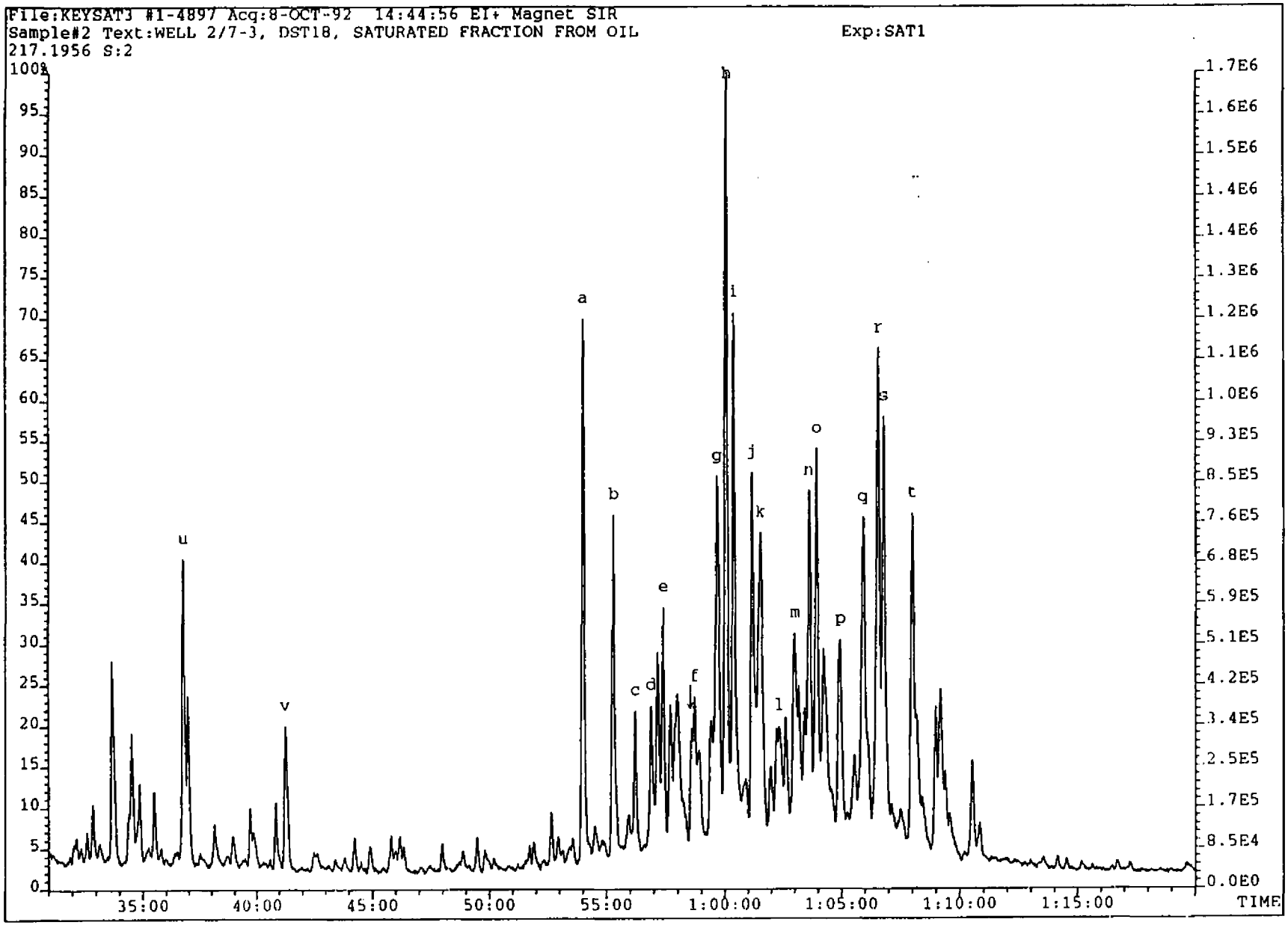
GEOLAB NOR



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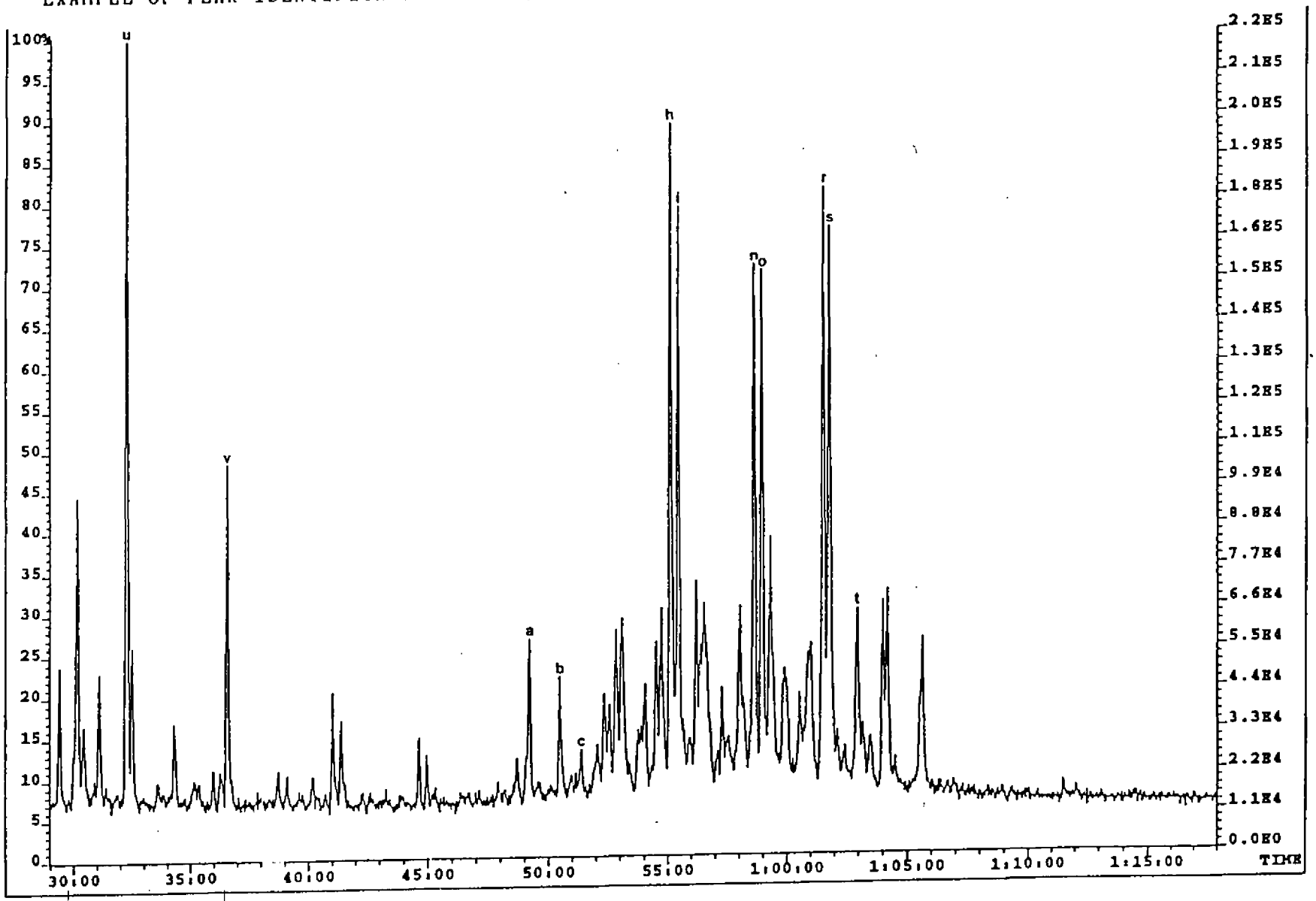
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 218. 14beta(H), 17beta(H) STERANES.



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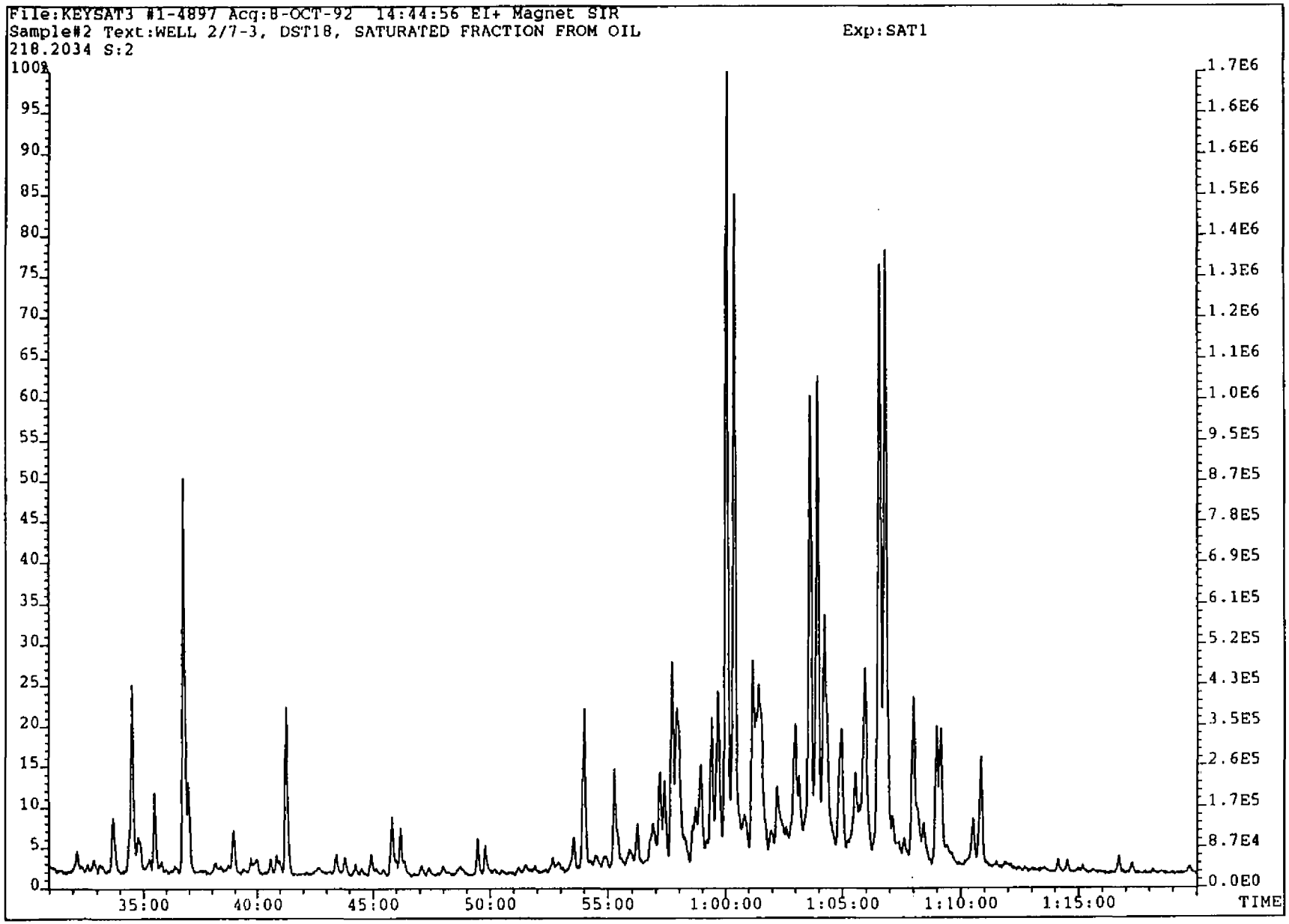
GEOLAB NOR



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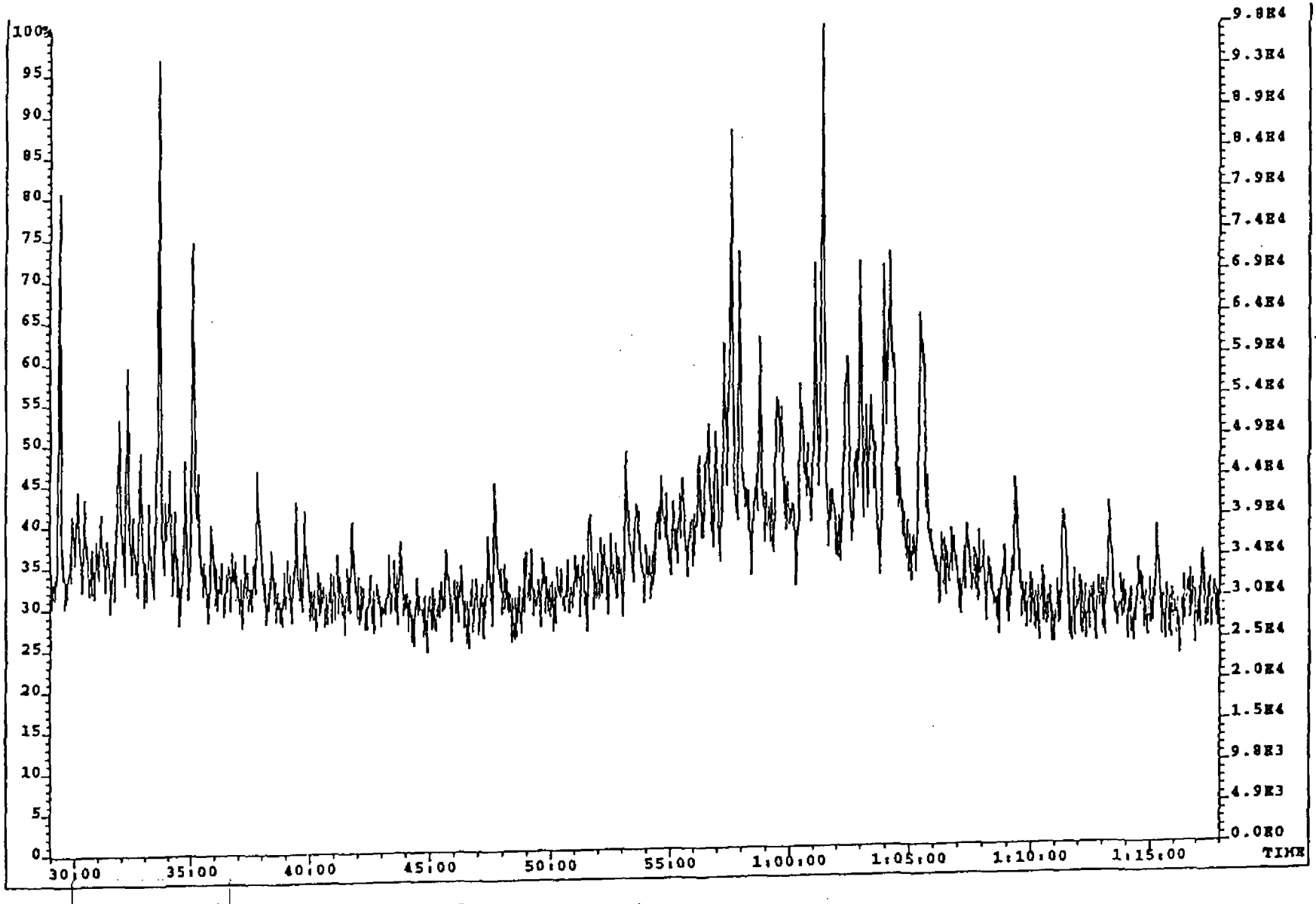
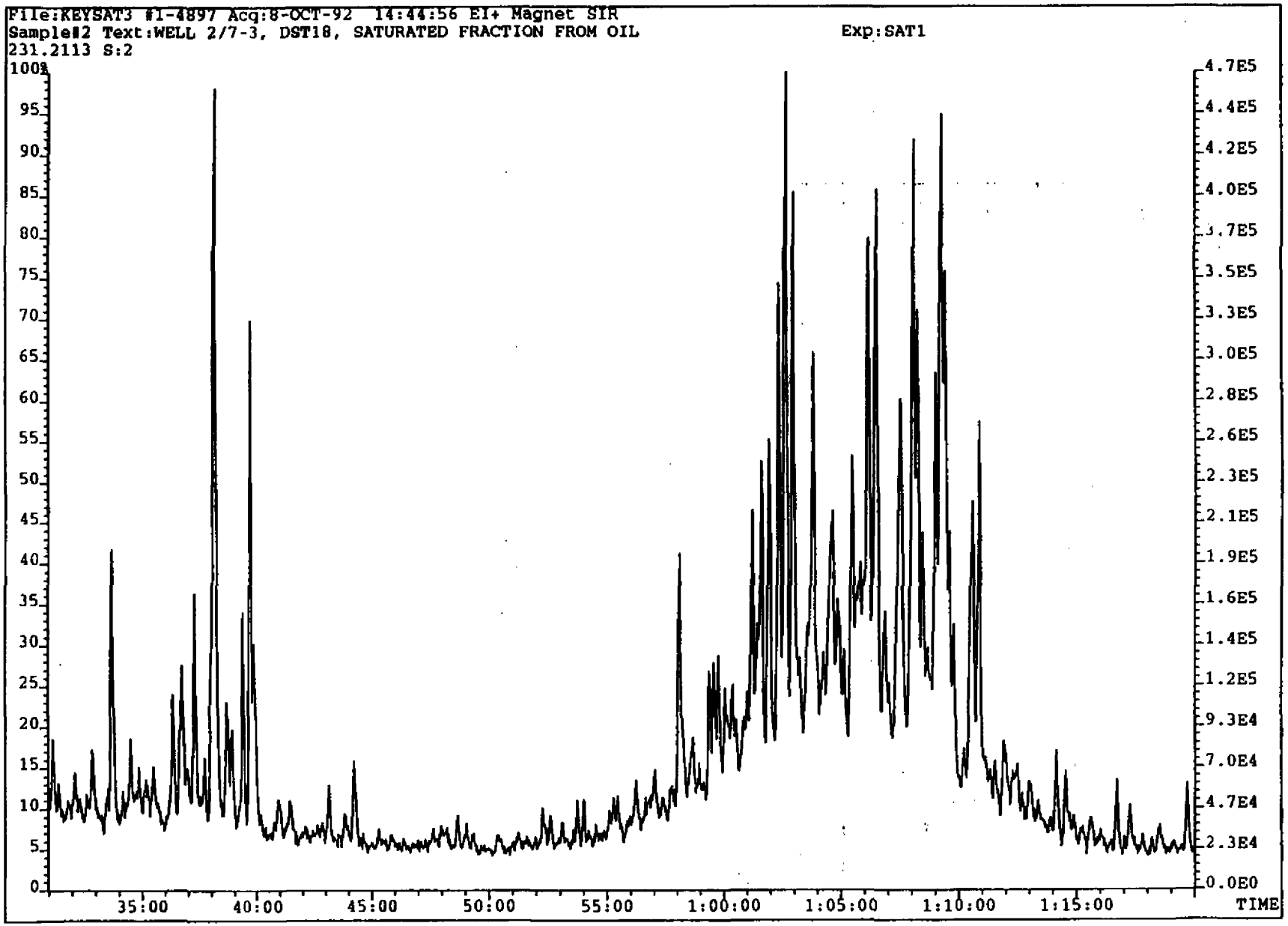
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 231 METHYL STERANES



Schlumberger GECO-PRAKLA

GEOLAB NOR



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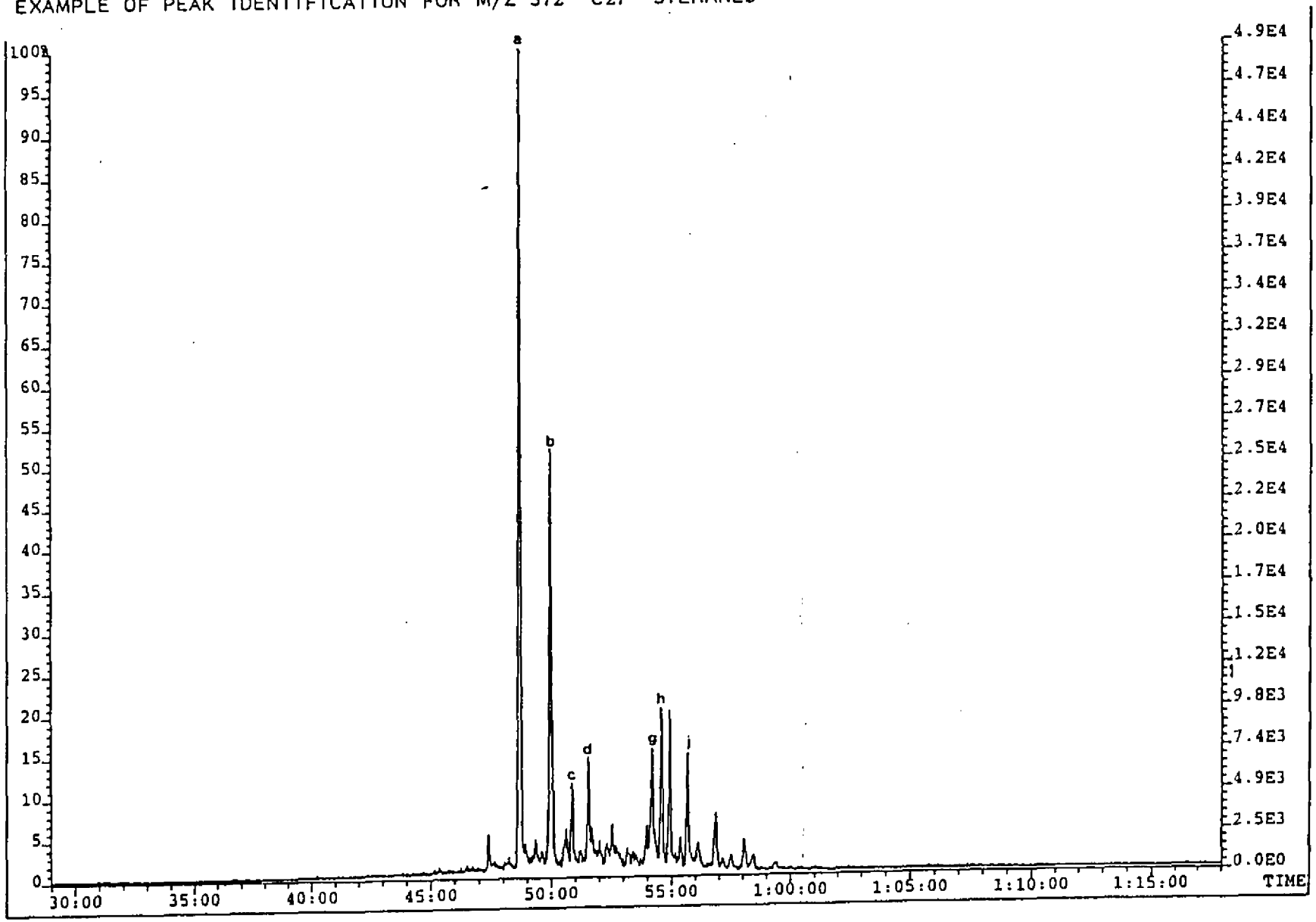
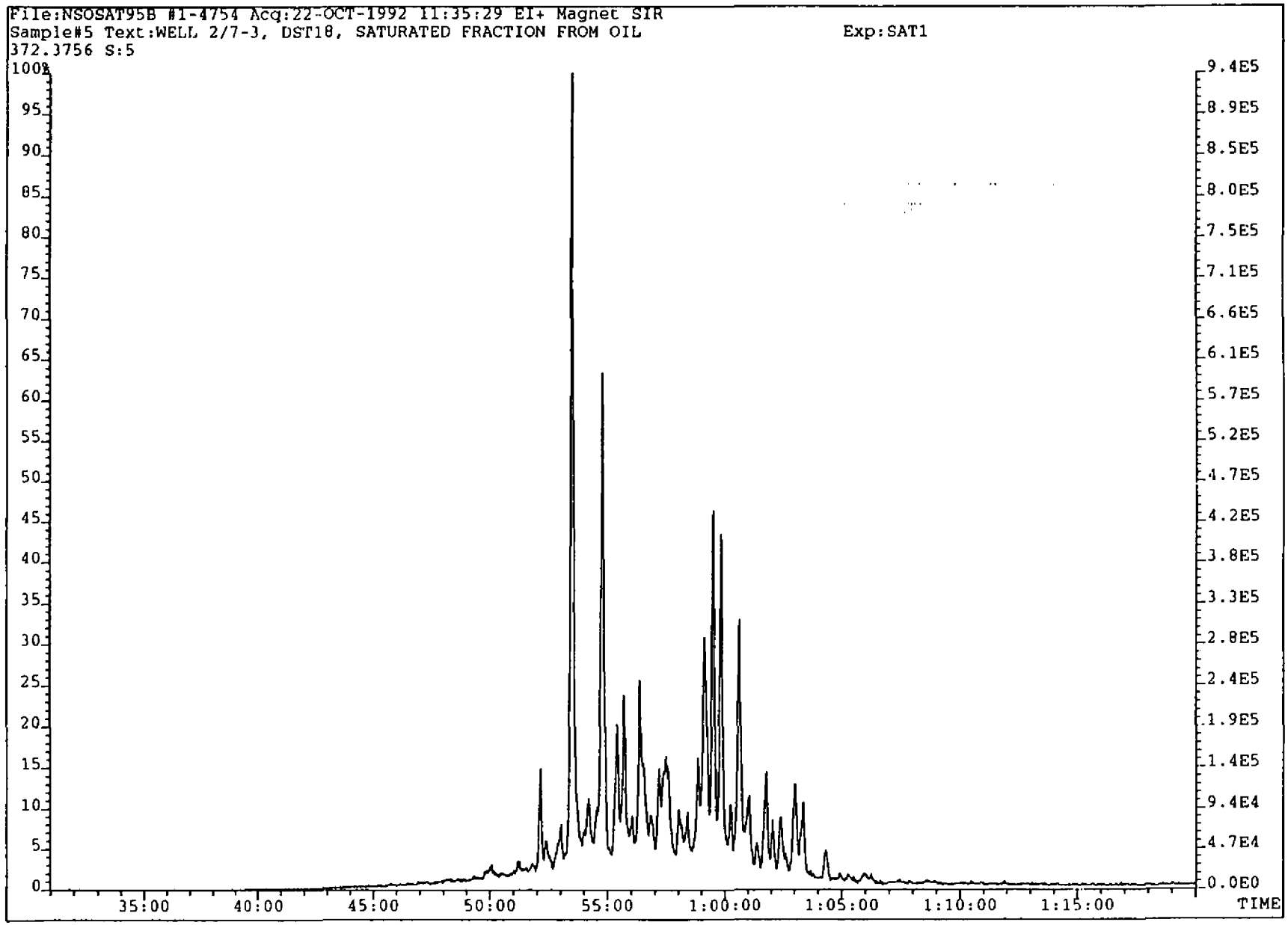
GEOLAB NOR

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 372 C27 STERANES

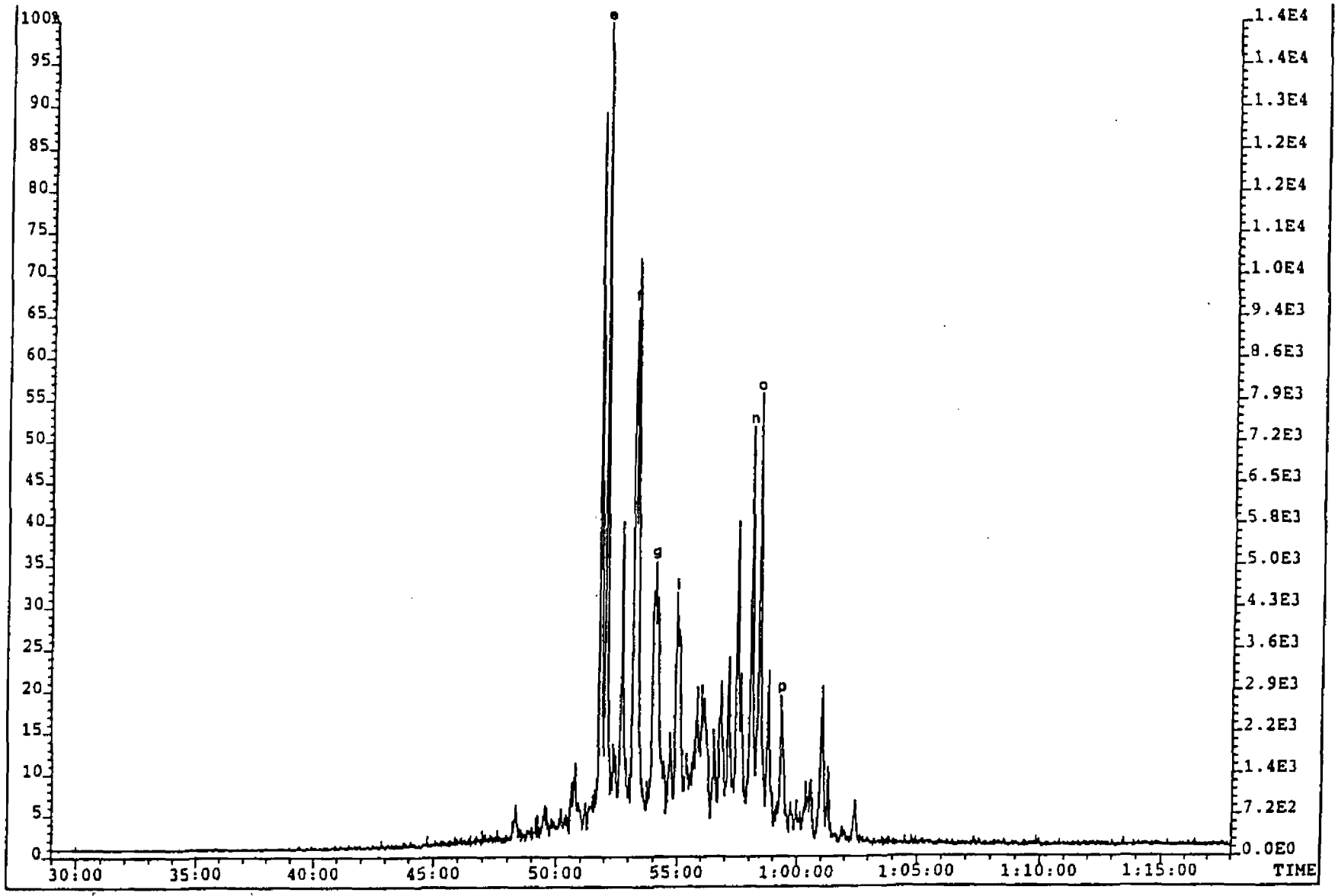


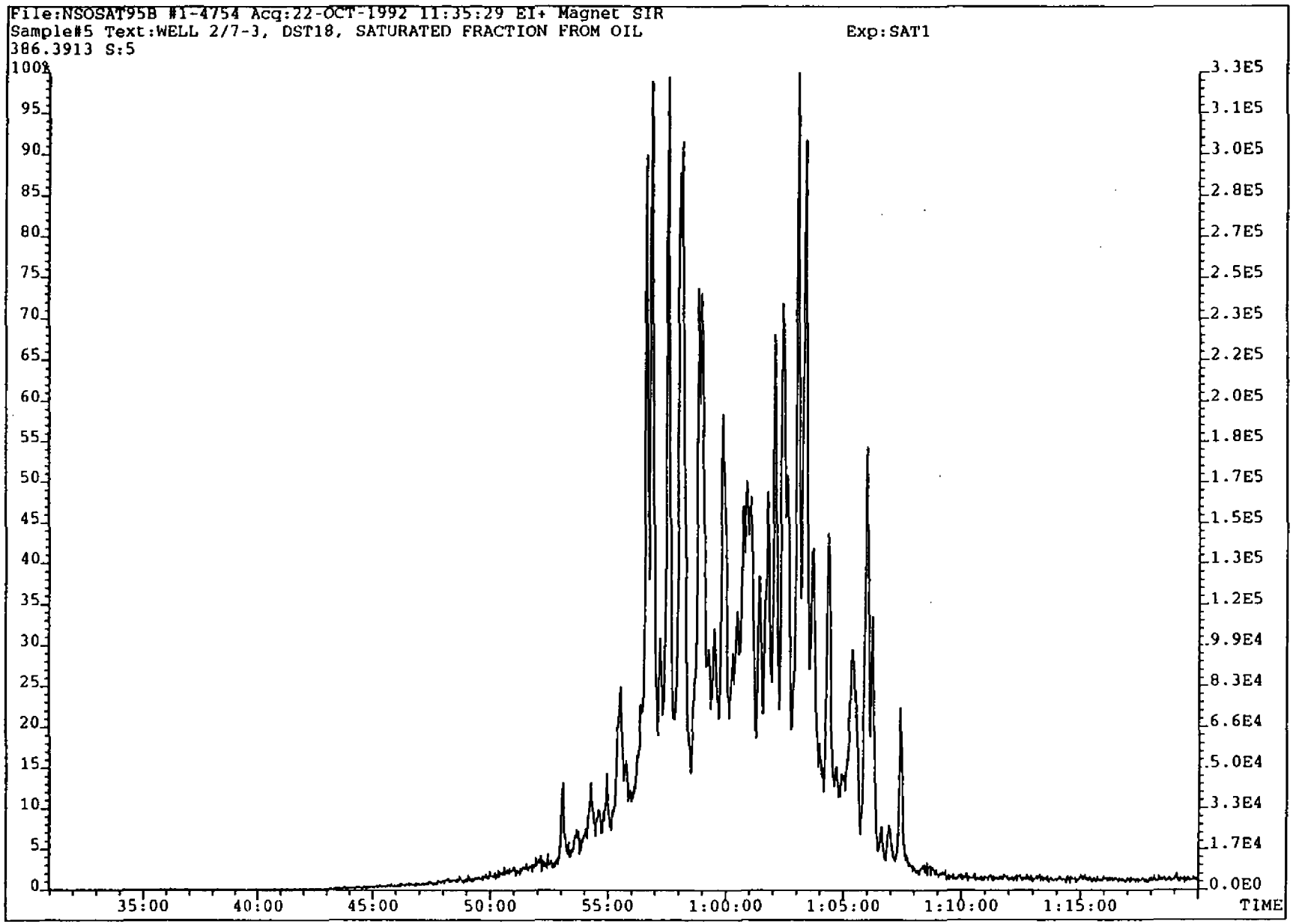
Schlumberger GECO-PRAKLA

GEOLAB NOR


File:NSOSAT95B #1-4754 Acq:22-OCT-1992 11:35:29 EI+ Magnet SIR
Sample#5 Text:WELL 2/7-3, DST18, SATURATED FRACTION FROM OIL
Exp:SAT1
372.3756 S:5
100%
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
9.4E5
8.9E5
8.5E5
8.0E5
7.5E5
7.1E5
6.6E5
6.1E5
5.7E5
5.2E5
4.7E5
4.2E5
3.8E5
3.3E5
2.8E5
2.4E5
1.9E5
1.4E5
9.4E4
4.7E4
0.0E0
35:00
40:00
45:00
50:00
55:00
1:00:00
1:05:00
1:10:00
1:15:00
TIME

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 386 C28 STERANES

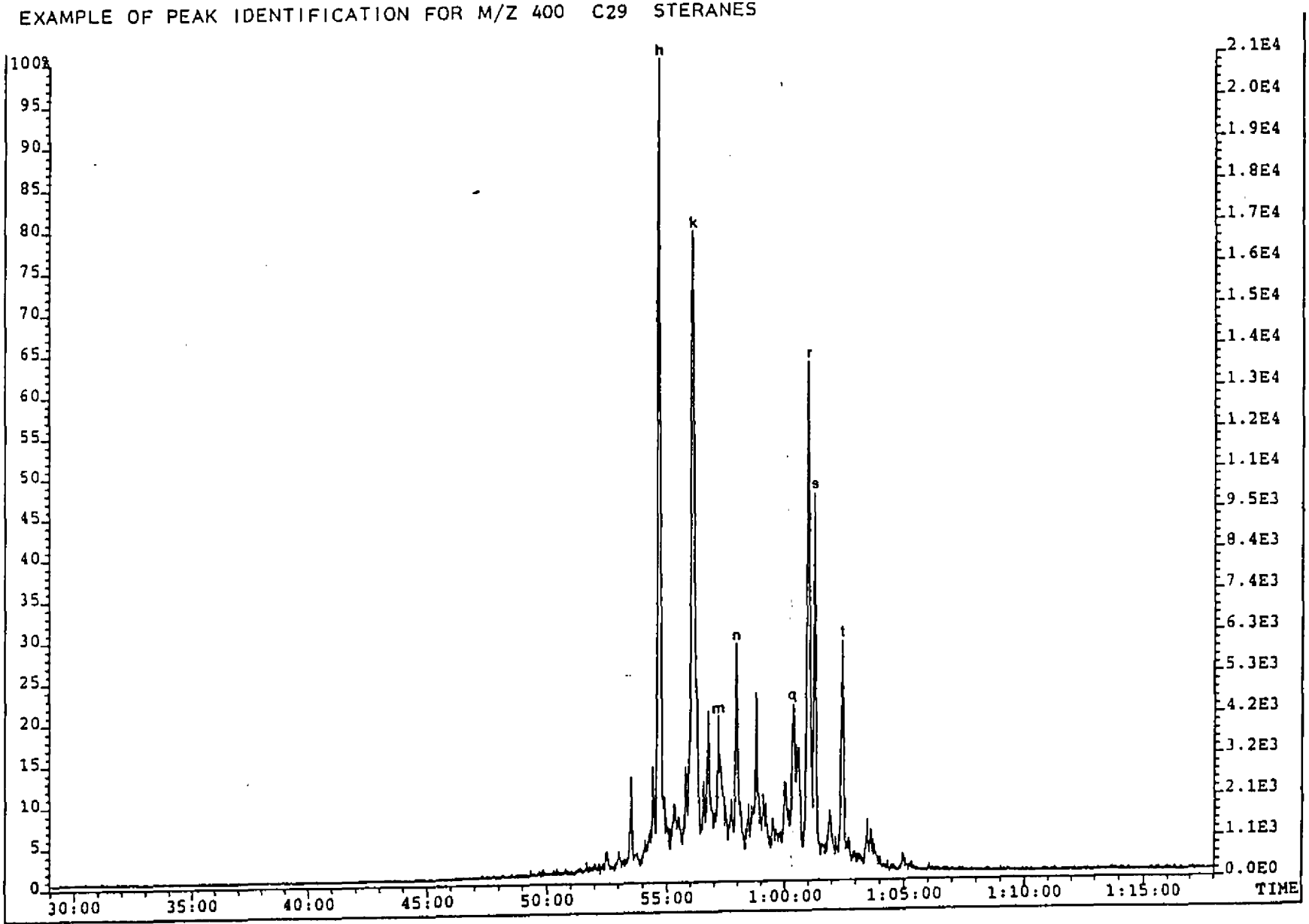




Schlumberger GECO-PRAKLA

GEOLAB NOR

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 400 C29 STERANES



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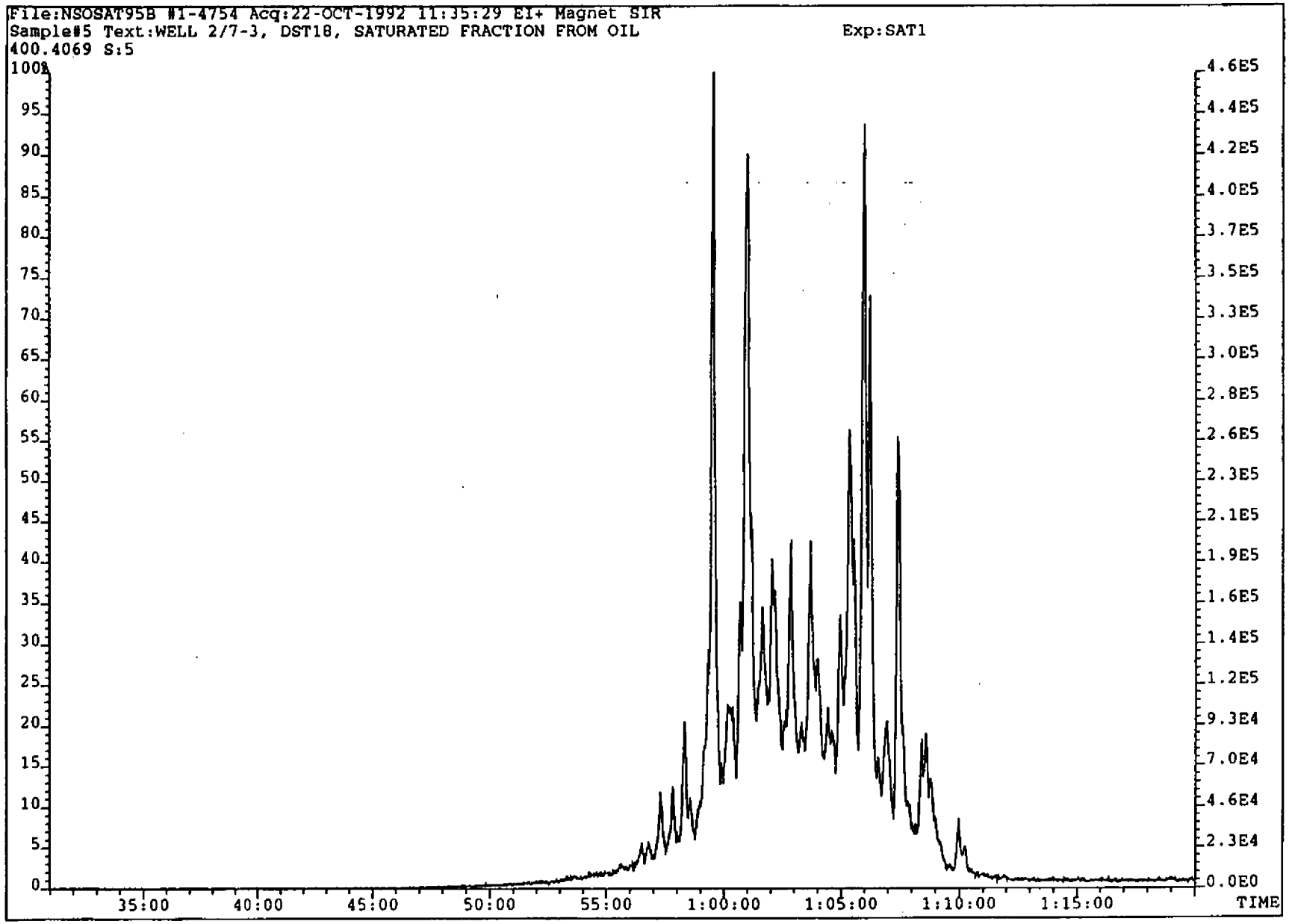
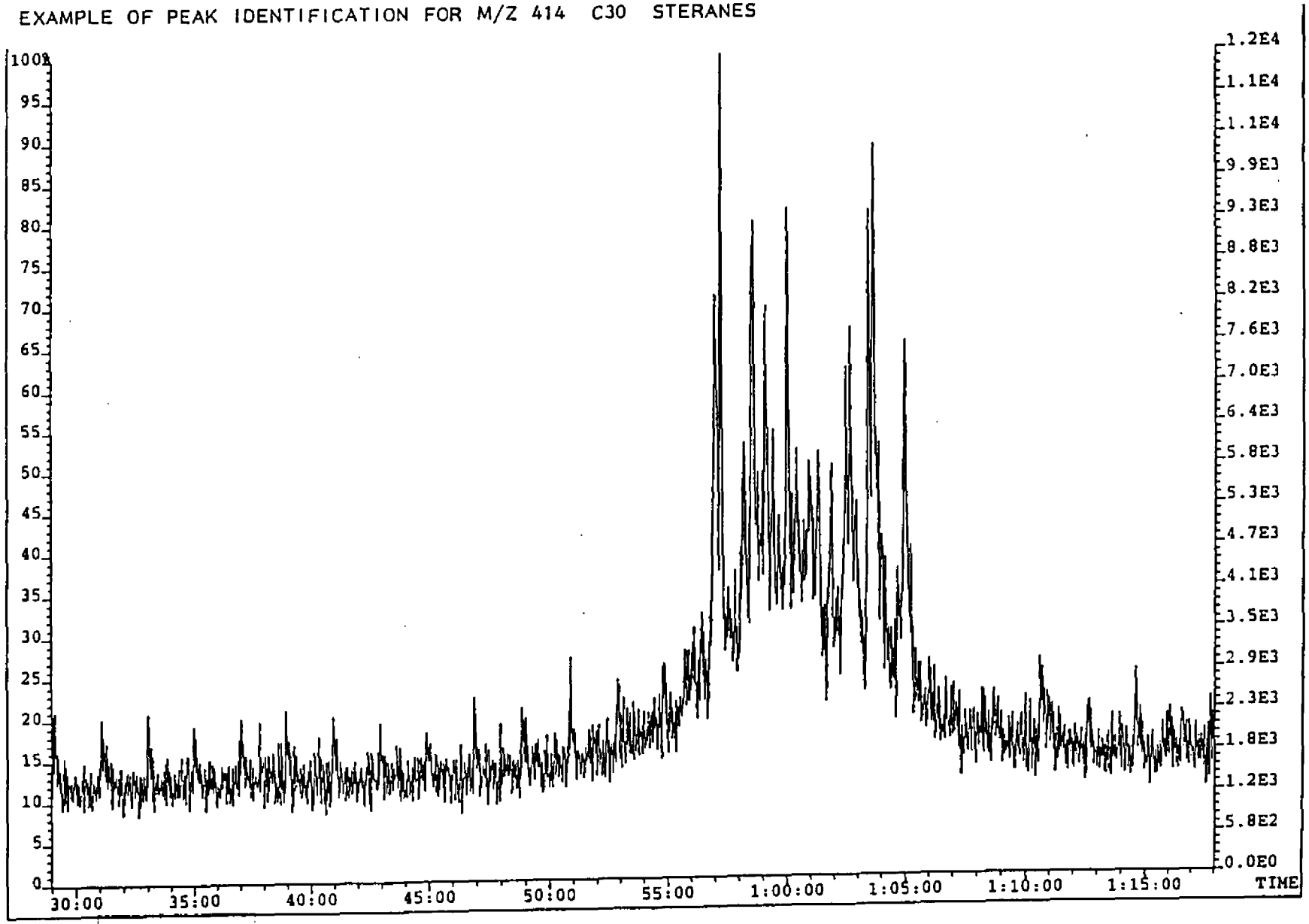
GEOLAB NOR

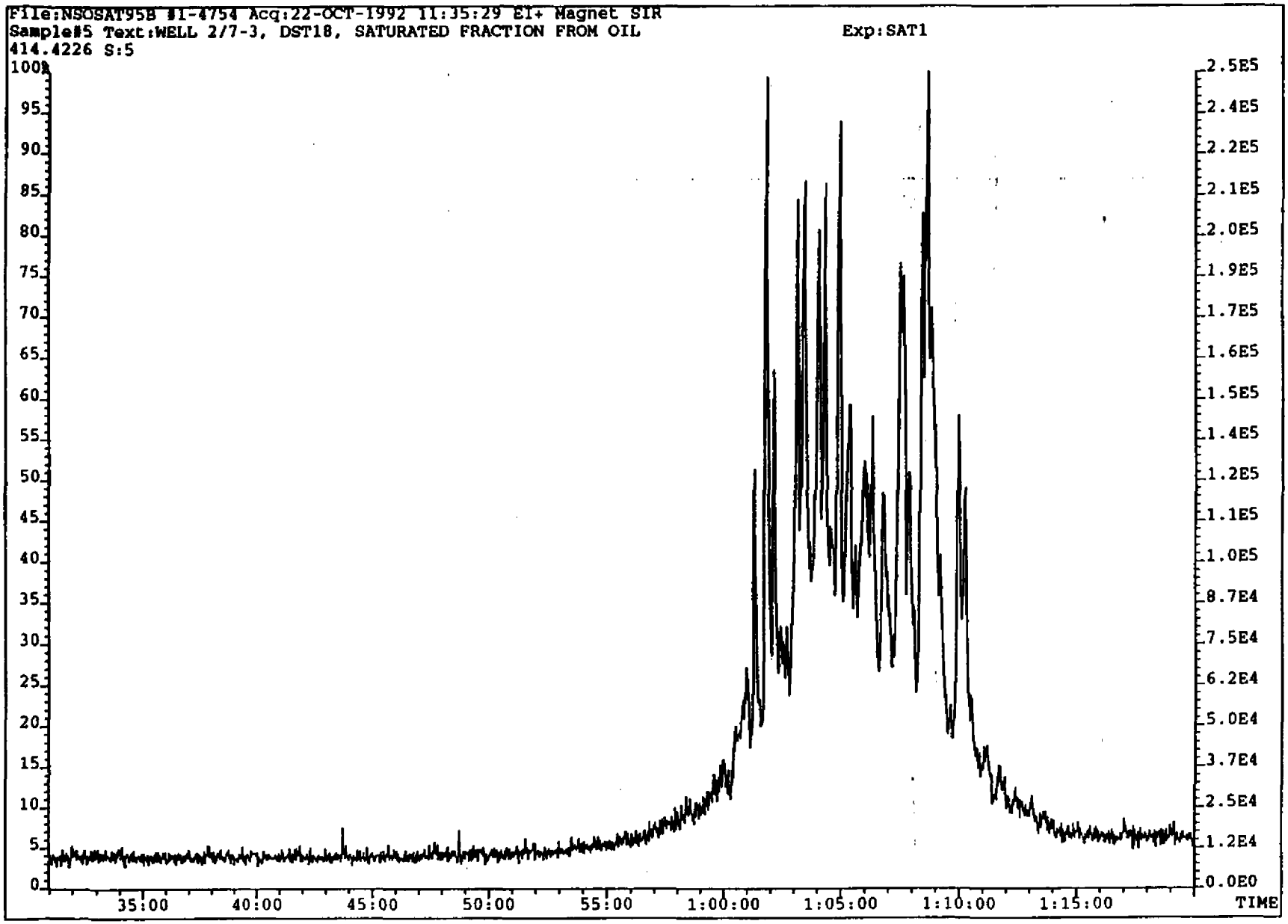

File:NSOSAT95B #1-4754 Acq:22-OCT-1992 11:35:29 EI+ Magnet SIR
Sample#5 Text:WELL 2/7-3, DST18, SATURATED FRACTION FROM OIL
Exp:SAT1
400.4069 S:5
100%
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
4.6E5
4.4E5
4.2E5
4.0E5
3.7E5
3.5E5
3.3E5
3.0E5
2.8E5
2.6E5
2.3E5
2.1E5
1.9E5
1.6E5
1.4E5
1.2E5
9.3E4
7.0E4
4.6E4
2.3E4
0.0E0
35:00
40:00
45:00
50:00
55:00
1:00:00
1:05:00
1:10:00
1:15:00
TIME

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 414 C30 STERANES

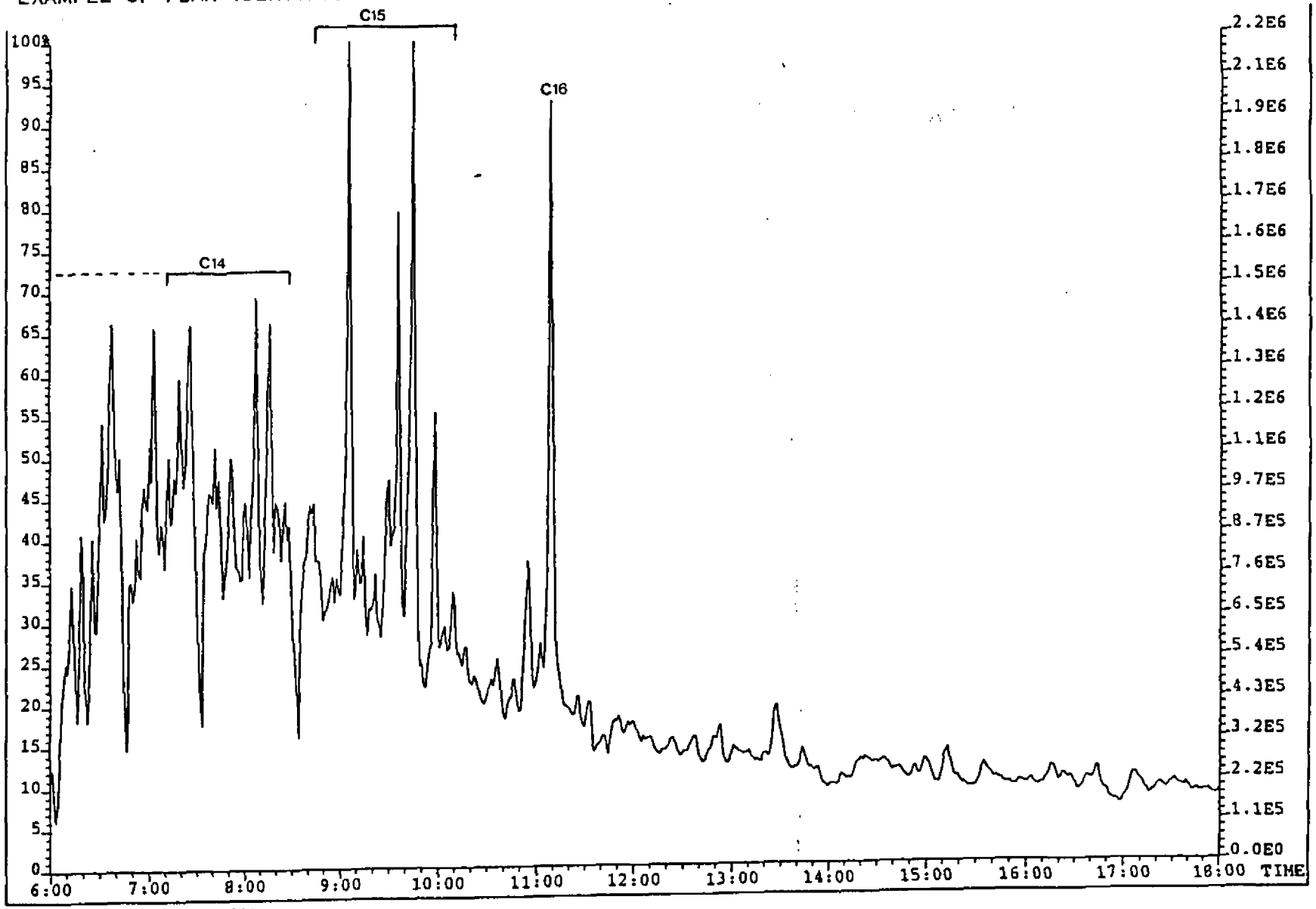


Schlumberger GECO-PRAKLA

GEOLAB NOR


File:NSOSAT95B #1-4754 Acq:22-OCT-1992 11:35:29 EI+ Magnet SIR
Sample#5 Text:WELL 2/7-3, DST18, SATURATED FRACTION FROM OIL
Exp:SAT1
414.4226 S:5
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
2.5E5
2.4E5
2.2E5
2.1E5
2.0E5
1.9E5
1.7E5
1.6E5
1.5E5
1.4E5
1.2E5
1.1E5
1.0E5
8.7E4
7.5E4
6.2E4
5.0E4
3.7E4
2.5E4
1.2E4
0.0E0
35:00
40:00
45:00
50:00
55:00
1:00:00
1:05:00
1:10:00
1:15:00
TIME

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 123 BICYCLIC SESQUITERPENOIDS AND DITERPENOIDS (BICYCLANES)



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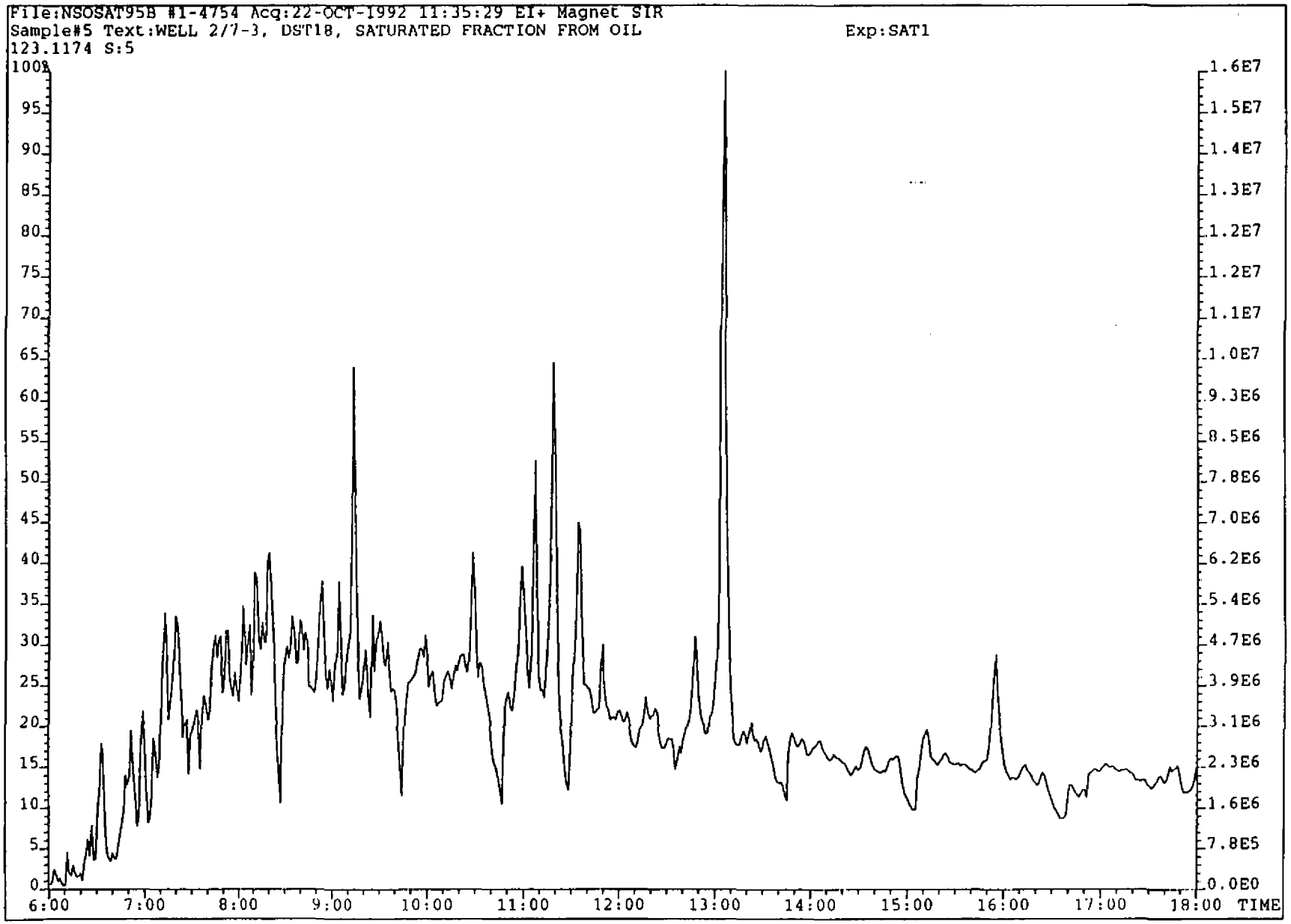
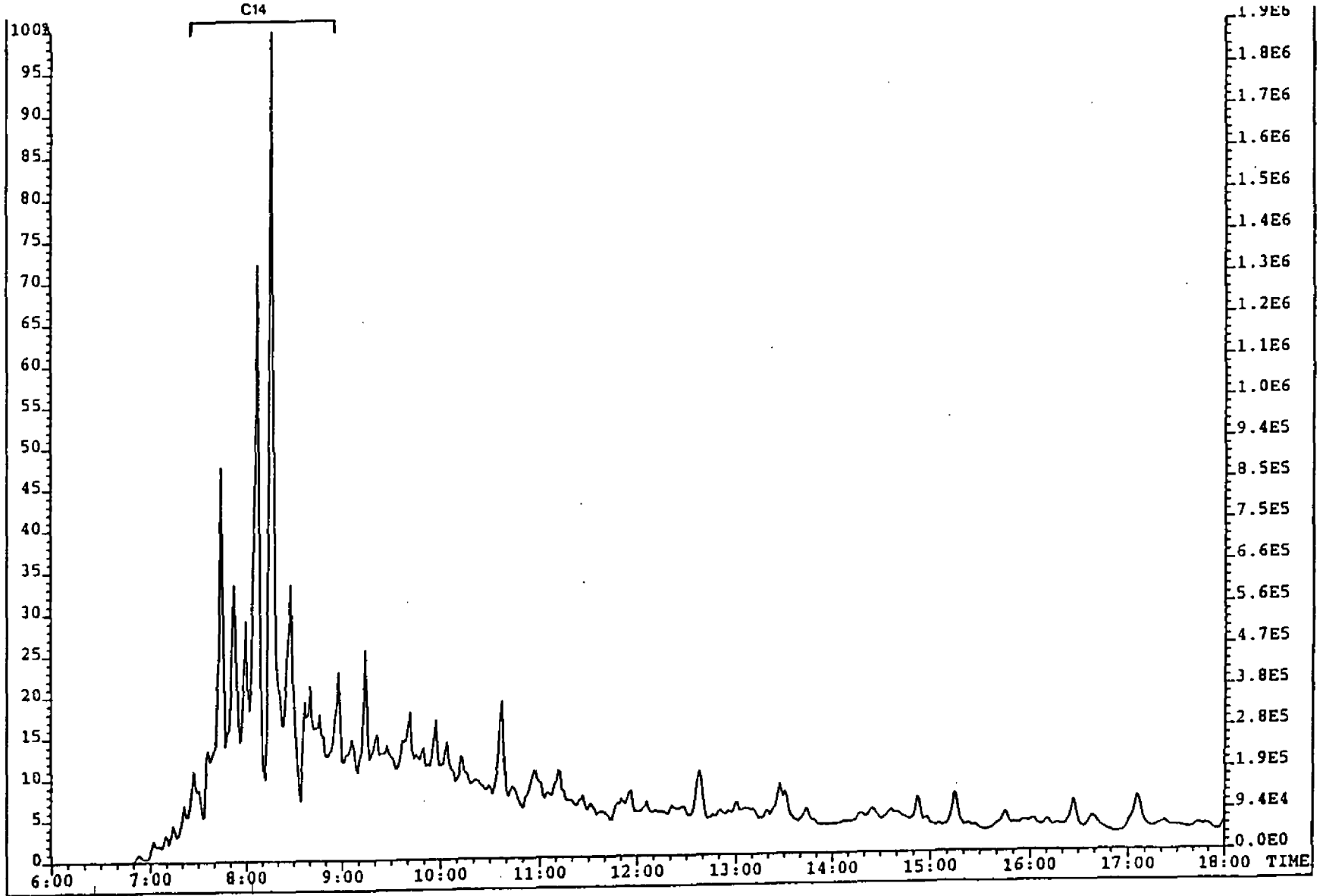


Schlumberger GECO-PRAKLA

GEOLAB NOR

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 179 BICYCLANES



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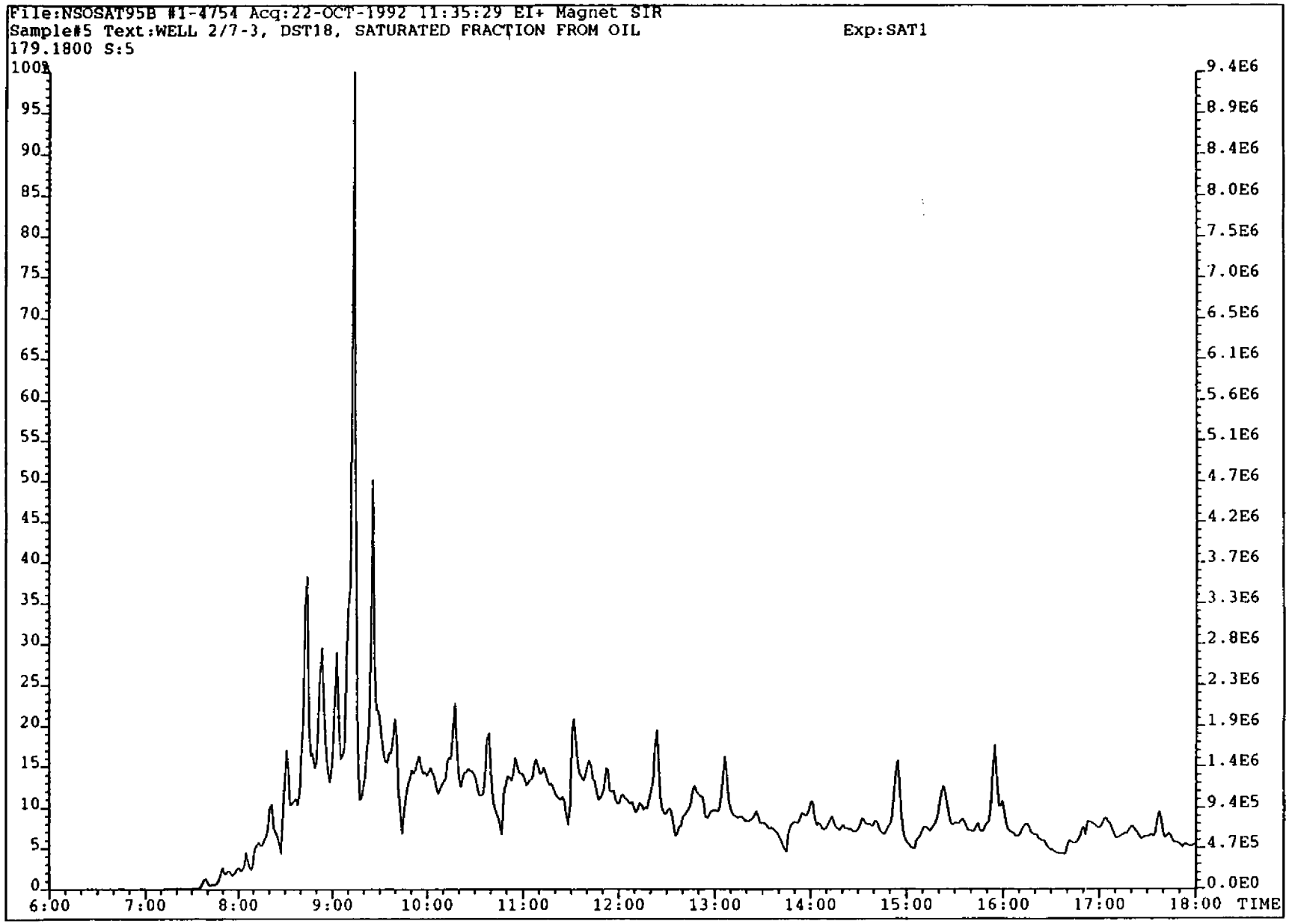
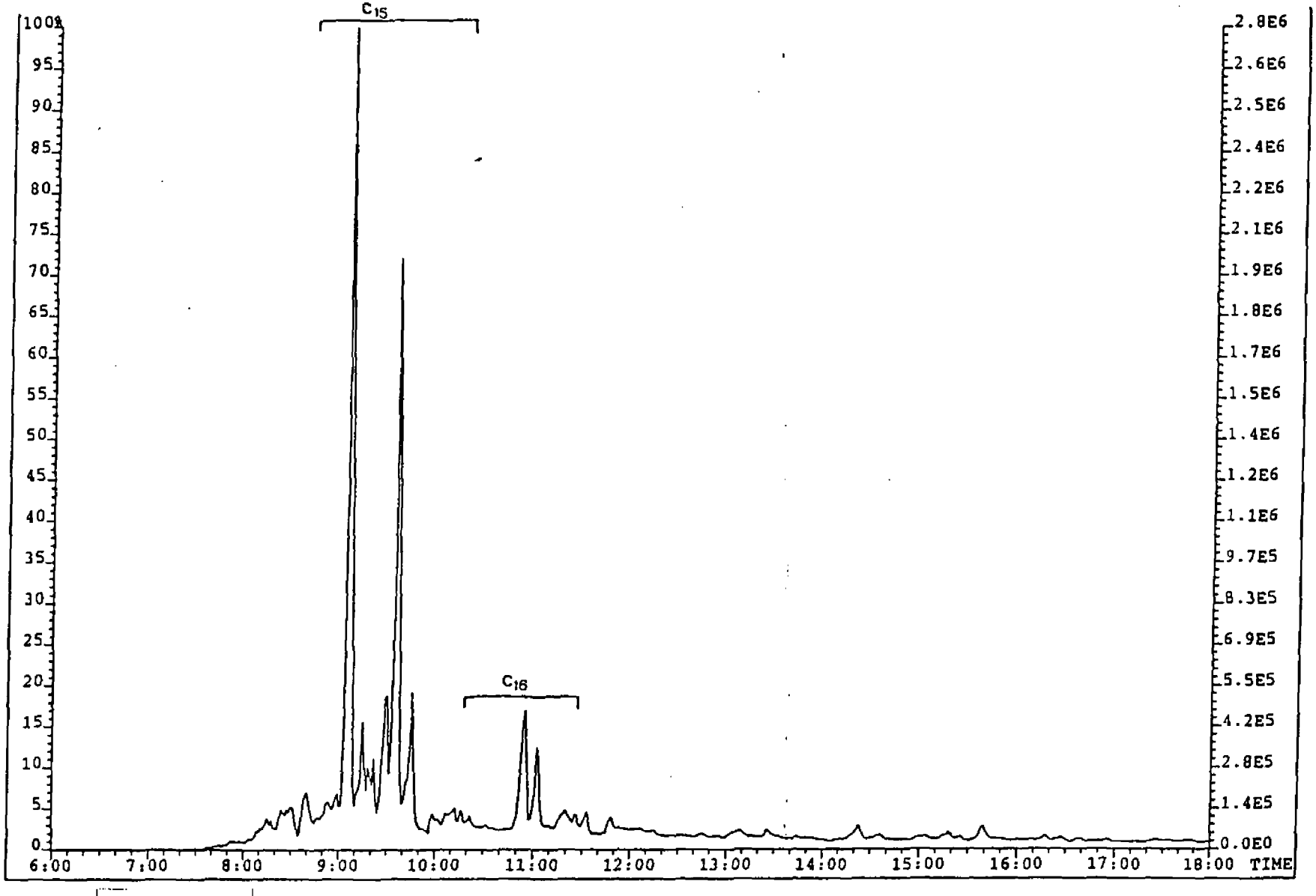
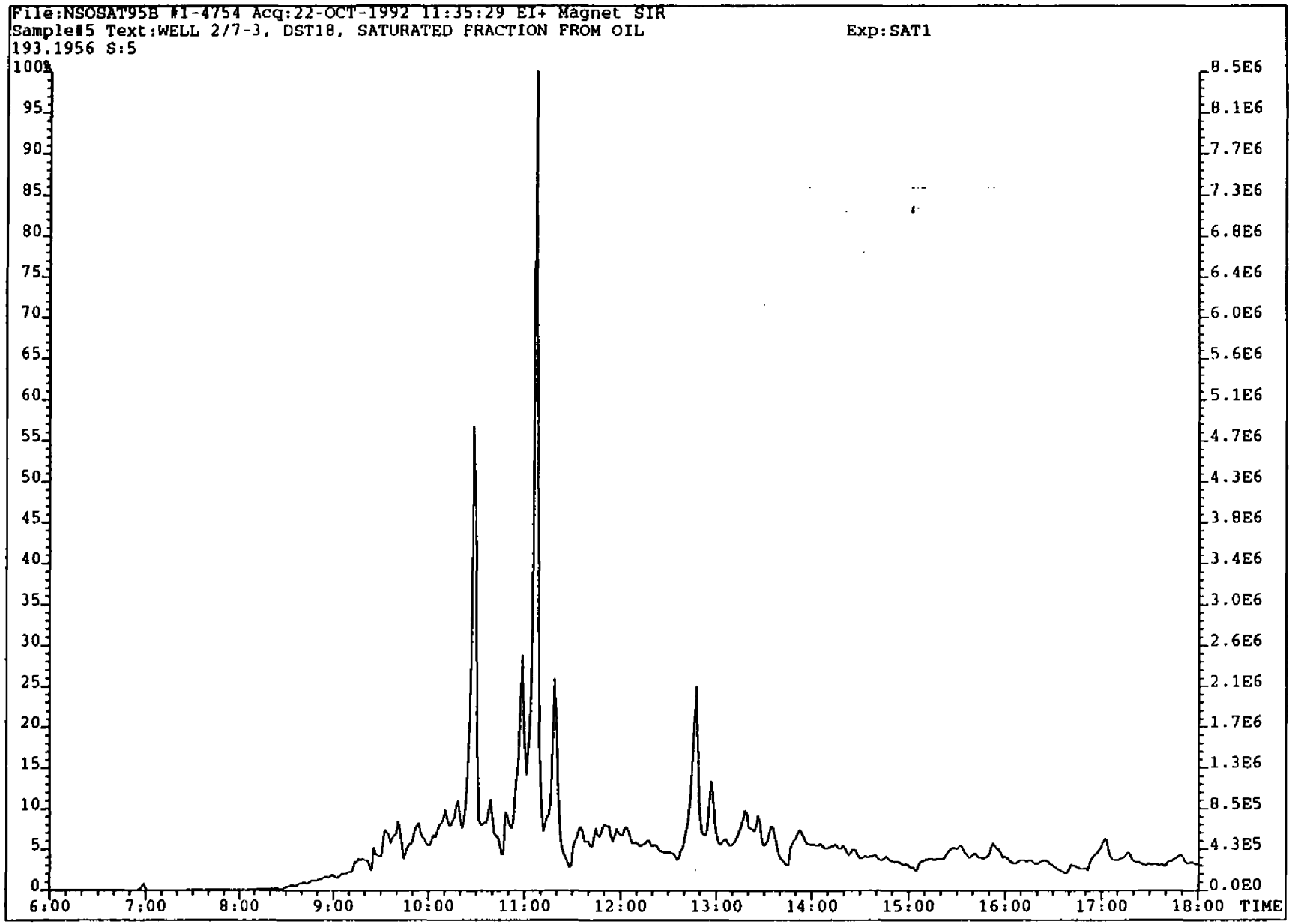
GEOLAB NOR


File:NSOSAT95B #1-4754 Acq:22-OCT-1992 11:35:29 EI+ Magnet SIR
Sample#5 Text:WELL 2/7-3, DST18, SATURATED FRACTION FROM OIL
Exp:SAT1
179.1800 S:5
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
9.4E6
8.9E6
8.4E6
8.0E6
7.5E6
7.0E6
6.5E6
6.1E6
5.6E6
5.1E6
4.7E6
4.2E6
3.7E6
3.3E6
2.8E6
2.3E6
1.9E6
1.4E6
9.4E5
4.7E5
0.0E0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
TIME

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 193 BICYCLANES





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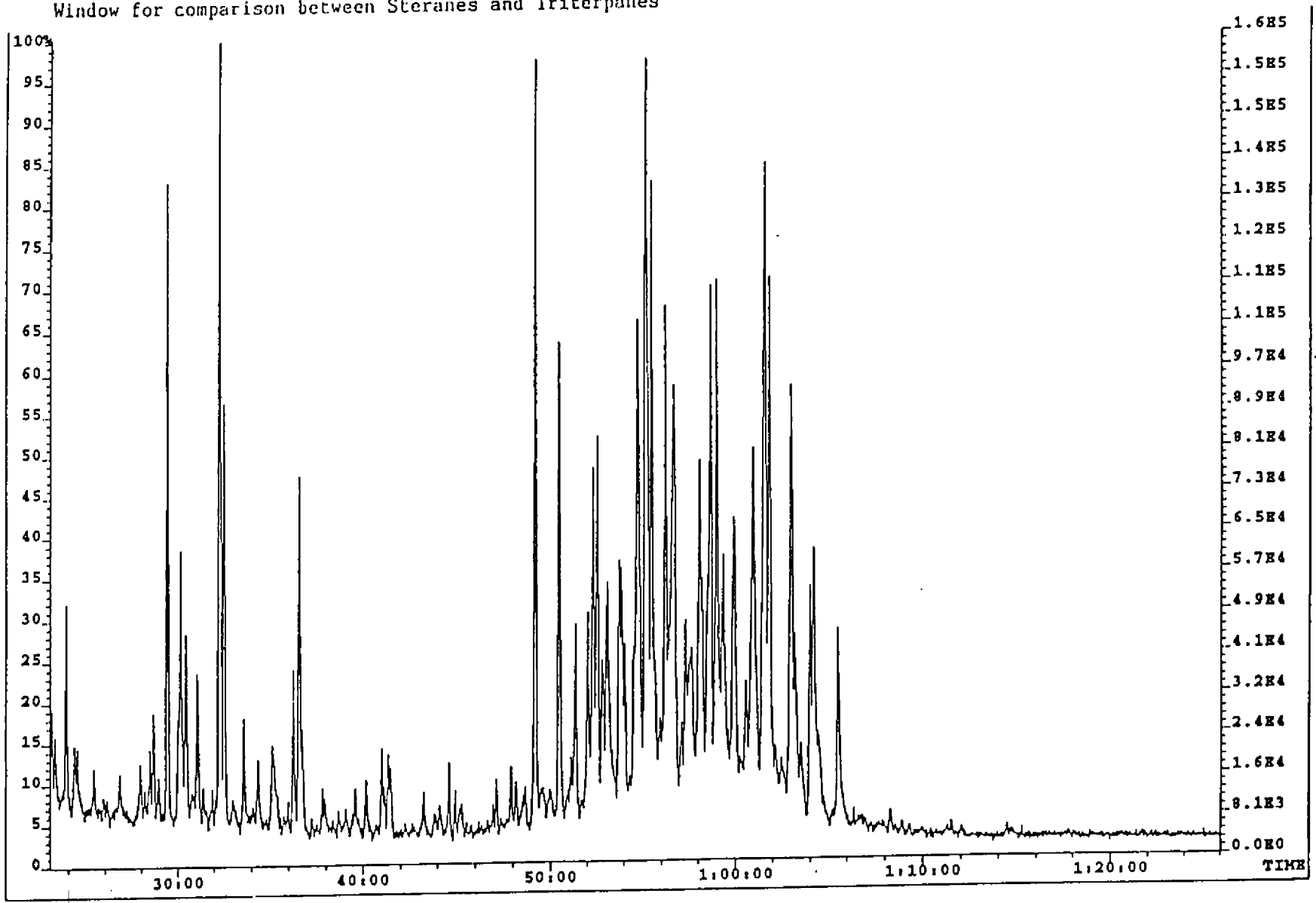
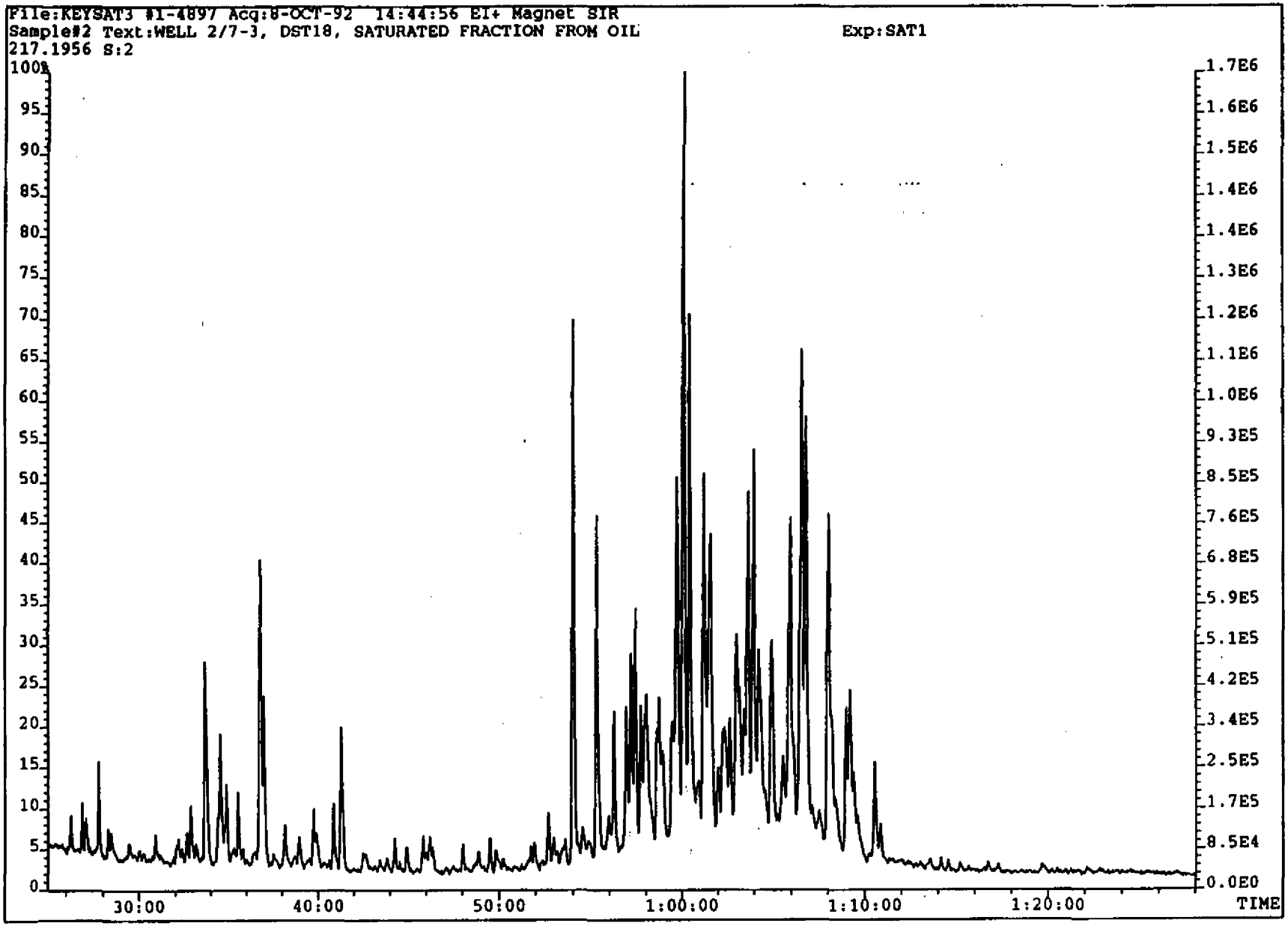
M/Z 217 Fragmentograms, processed using the Triterpane
Window for comparison between Steranes and Triterpanes





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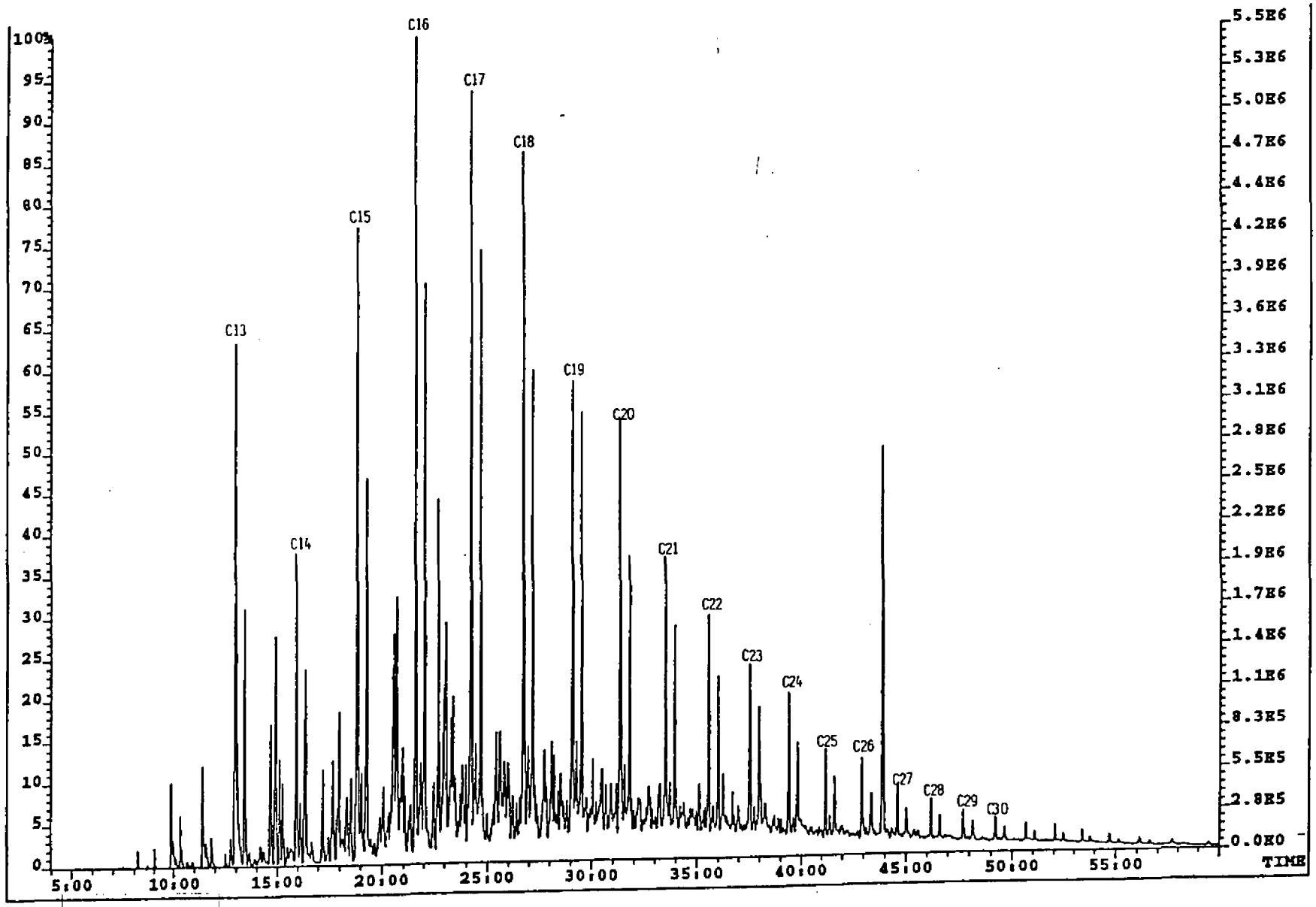
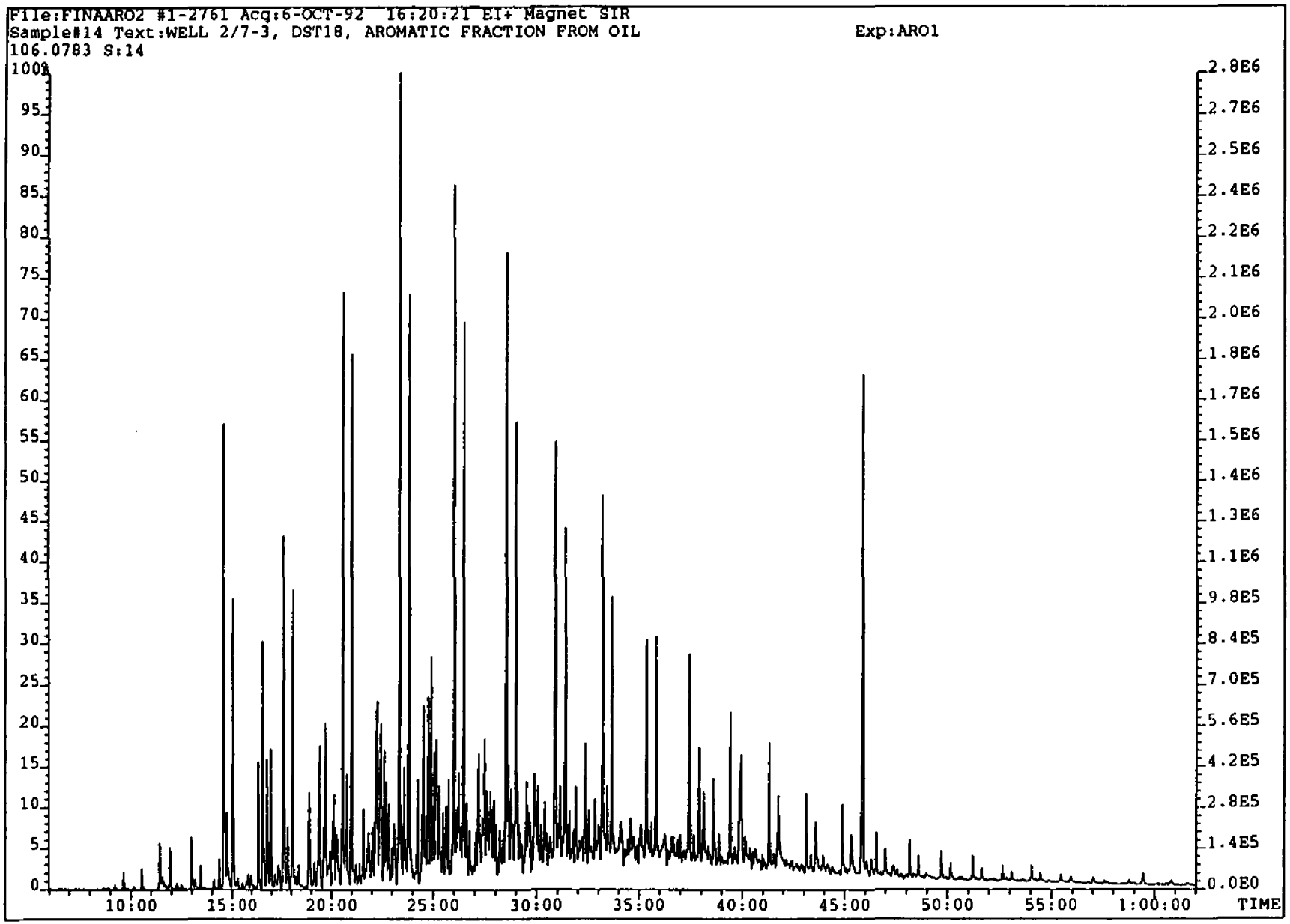
FRAGMENTOGRAMS

Aromatic Fraction from oil (SIR)

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 106 ALKYLBENZENES





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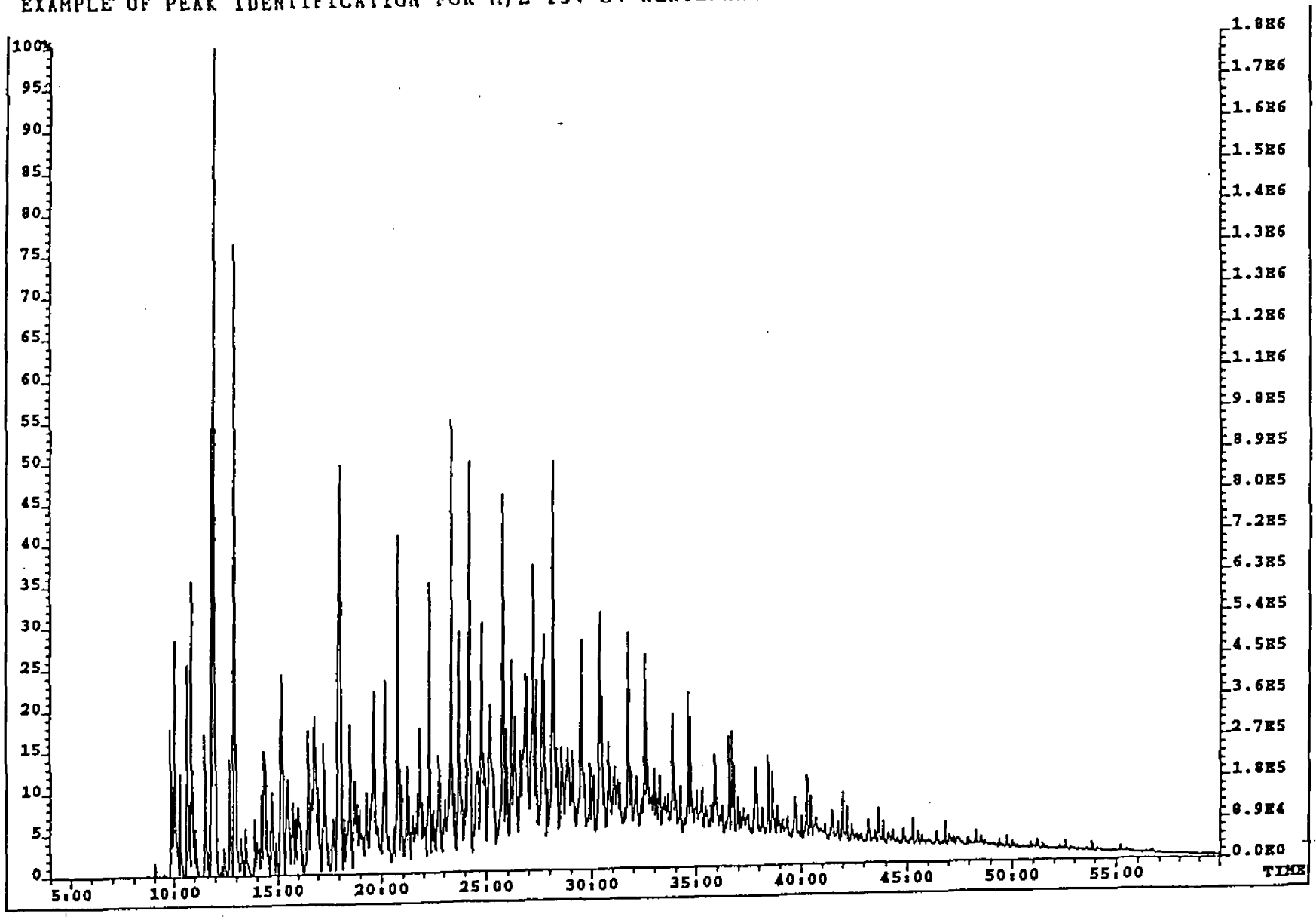
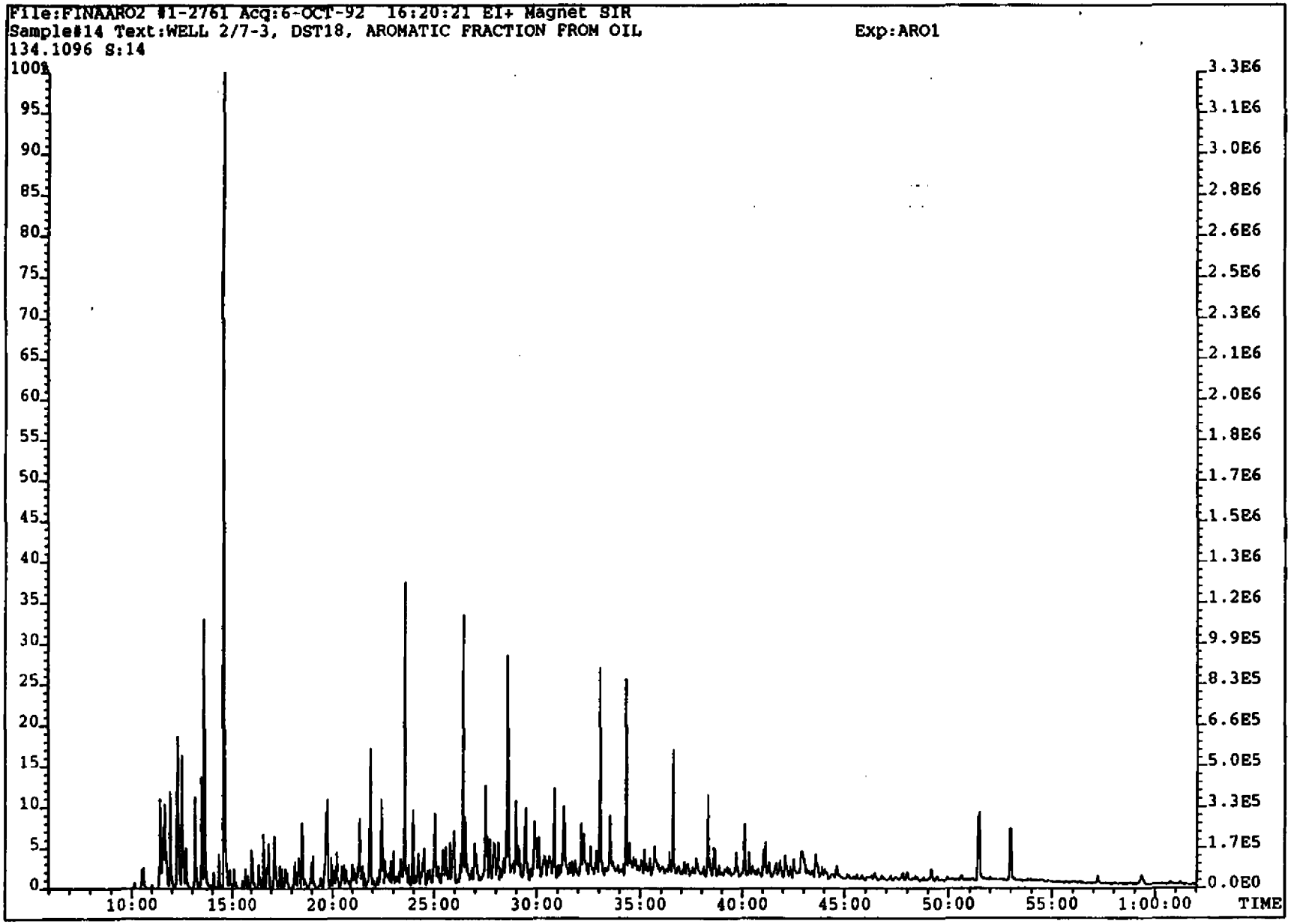
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 134 C4 ALKYLBENZENES





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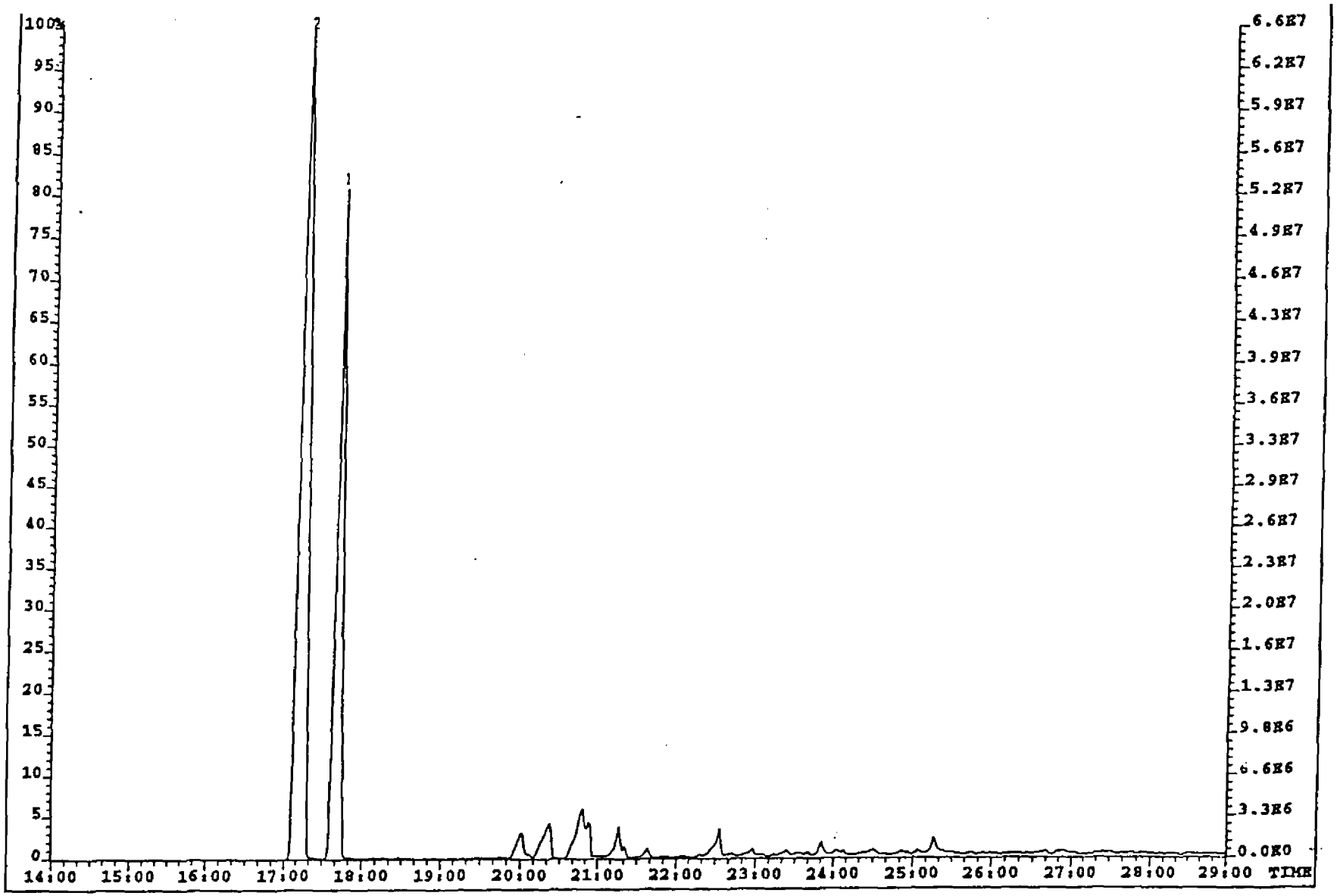
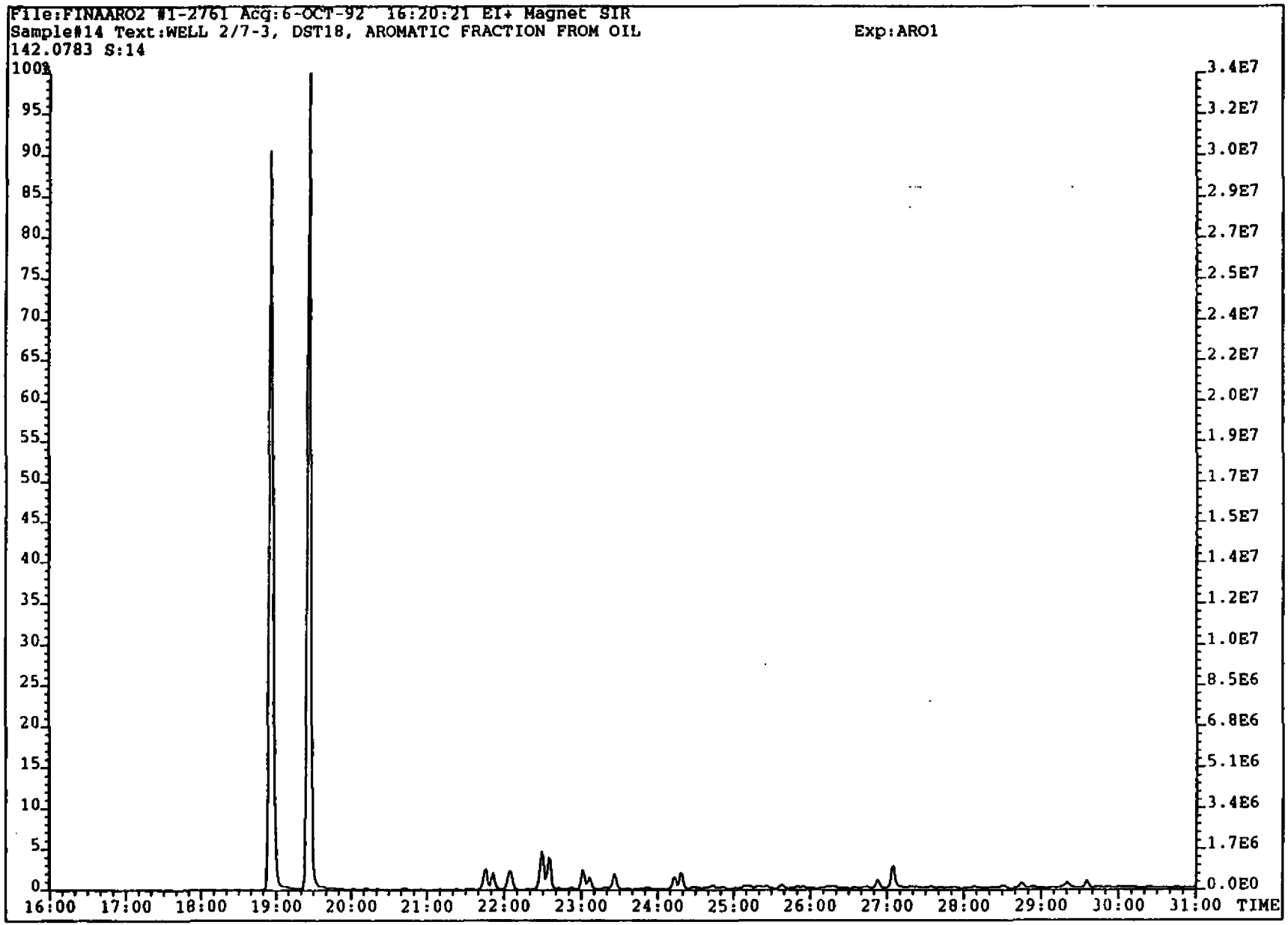
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 142 METHYL NAPHTHALENES





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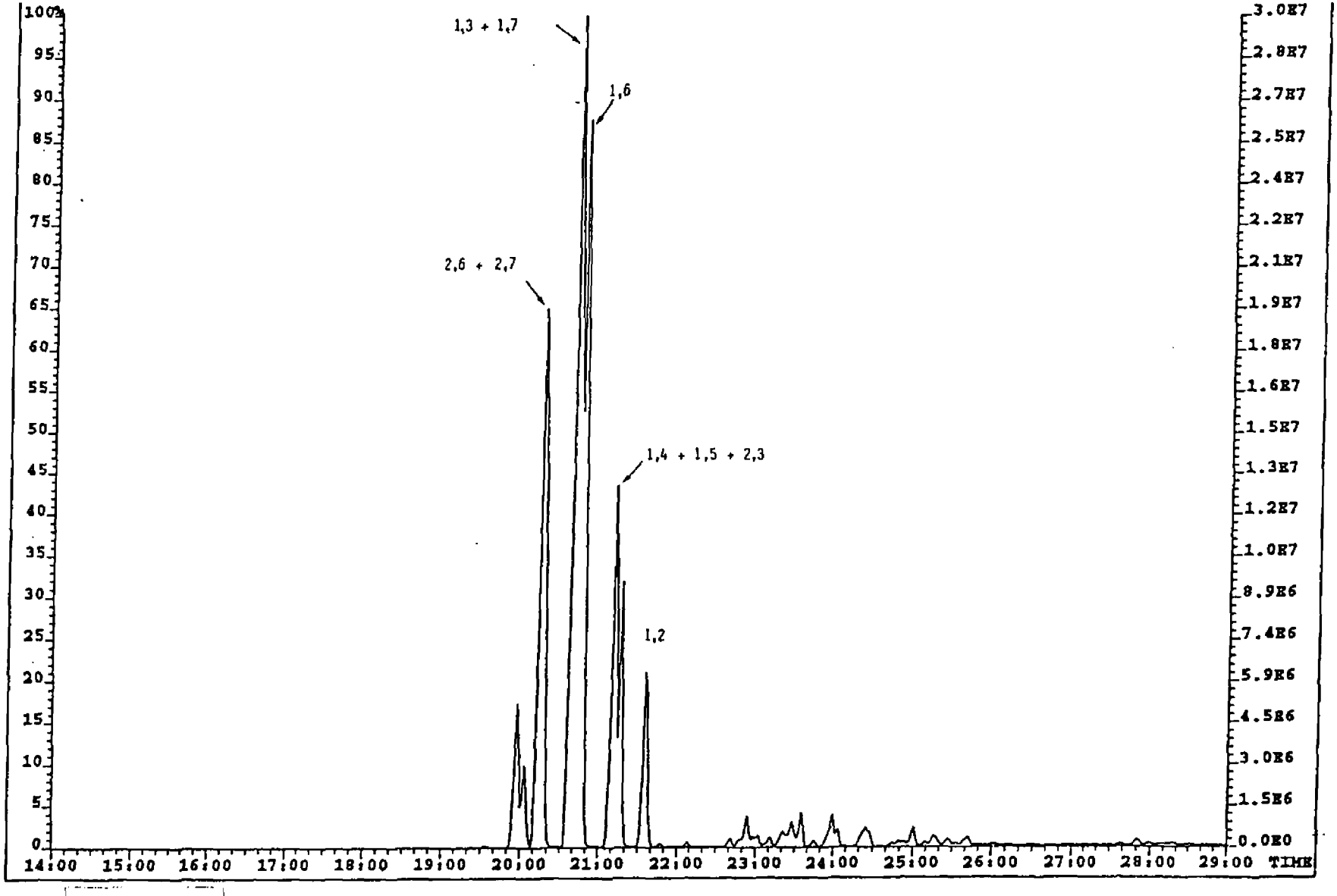
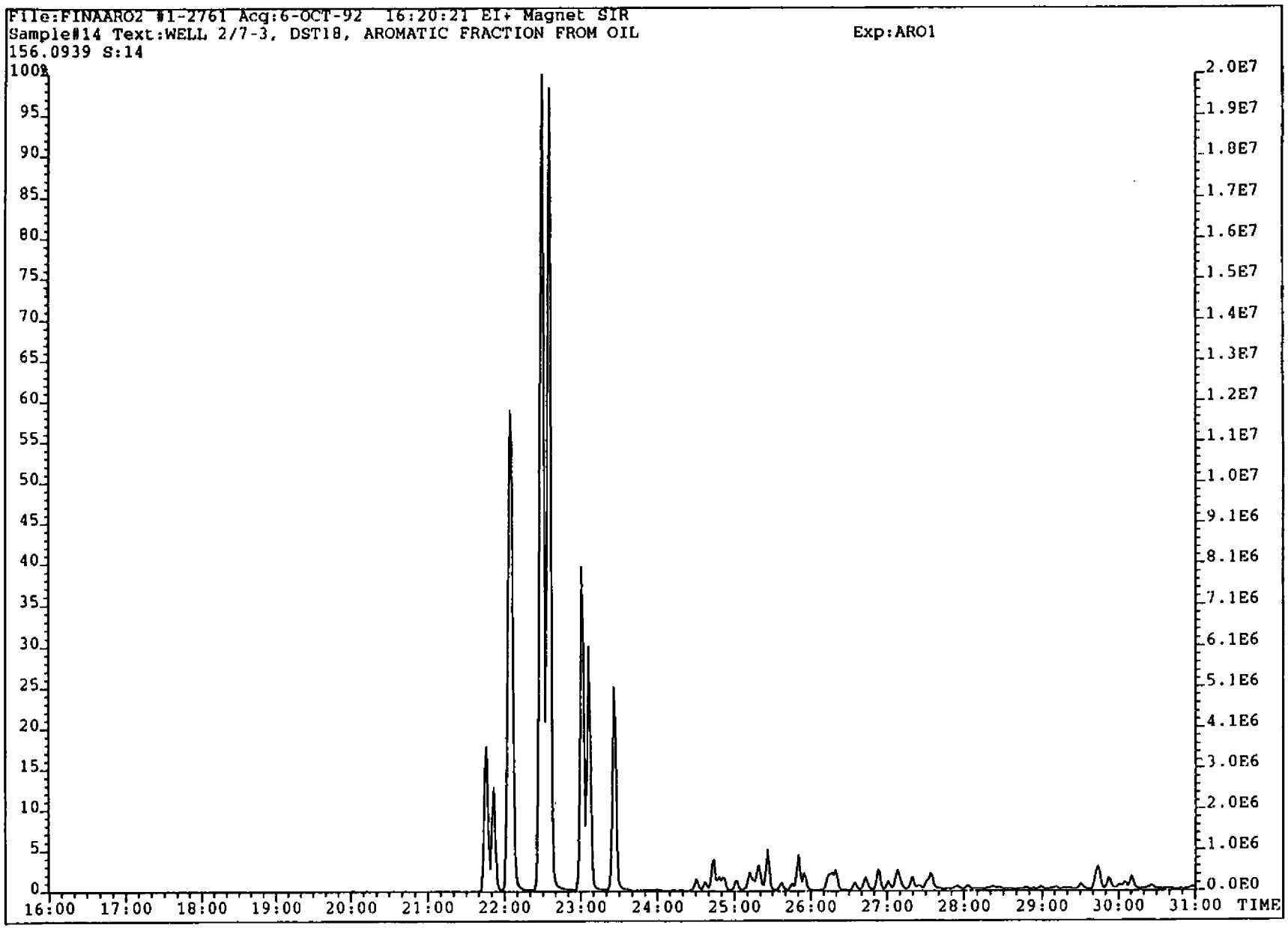
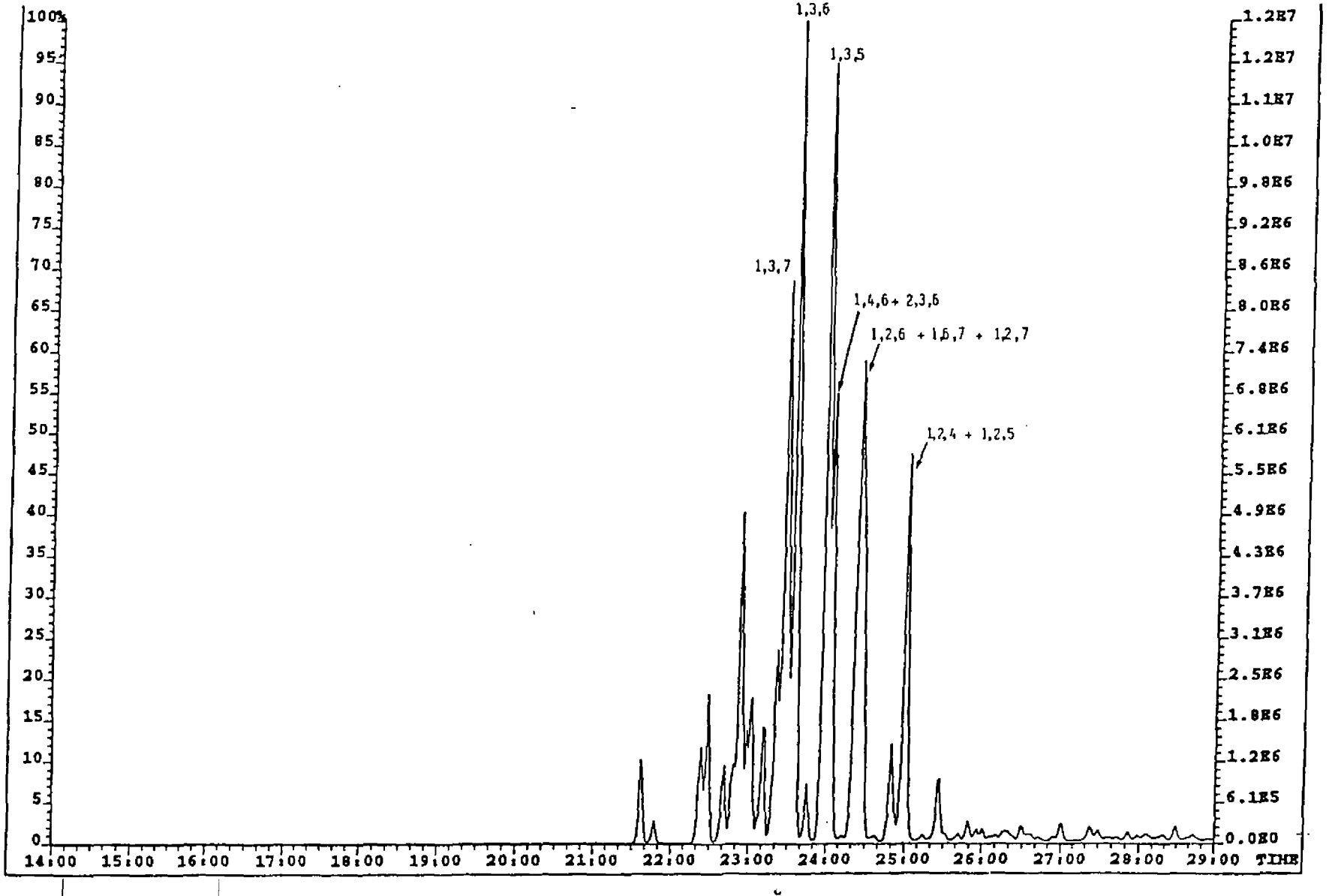
GEOLAB NOR

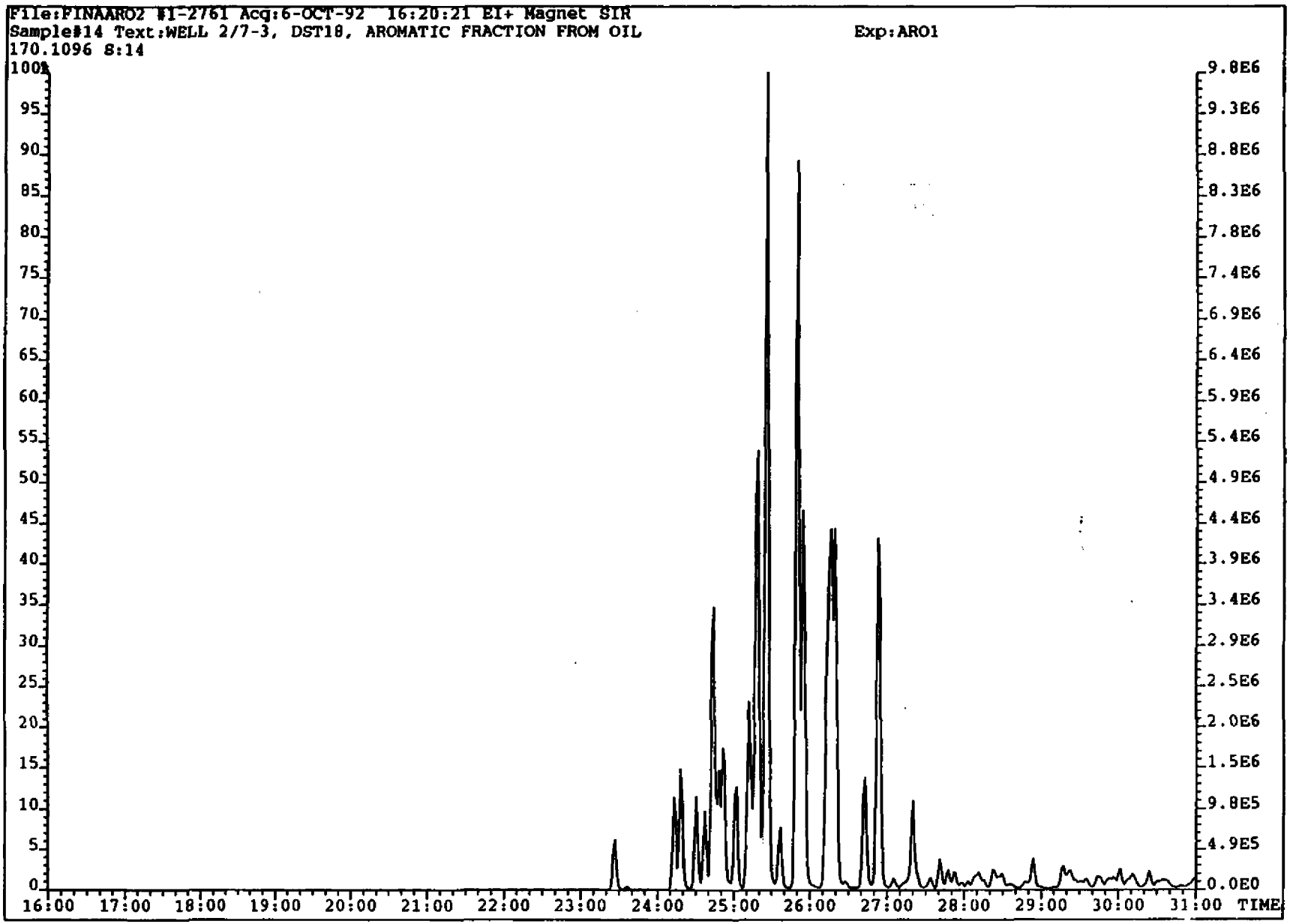
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 156 C2 NAPHTHALENES




File:FINAARO2 #1-2761 Acq:6-OCT-92 16:20:21 EI+ Magnet SIR
Sample#14 Text:WELL 2/7-3, DST18, AROMATIC FRACTION FROM OIL
Exp:ARO1
156.0939 S:14
100%
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
2.0E7
1.9E7
1.8E7
1.7E7
1.6E7
1.5E7
1.4E7
1.3E7
1.2E7
1.1E7
1.0E7
9.1E6
8.1E6
7.1E6
6.1E6
5.1E6
4.1E6
3.0E6
2.0E6
1.0E6
0.0E0
16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00 24:00 25:00 26:00 27:00 28:00 29:00 30:00 31:00 TIME

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 170 C3 NAPHTHALENES





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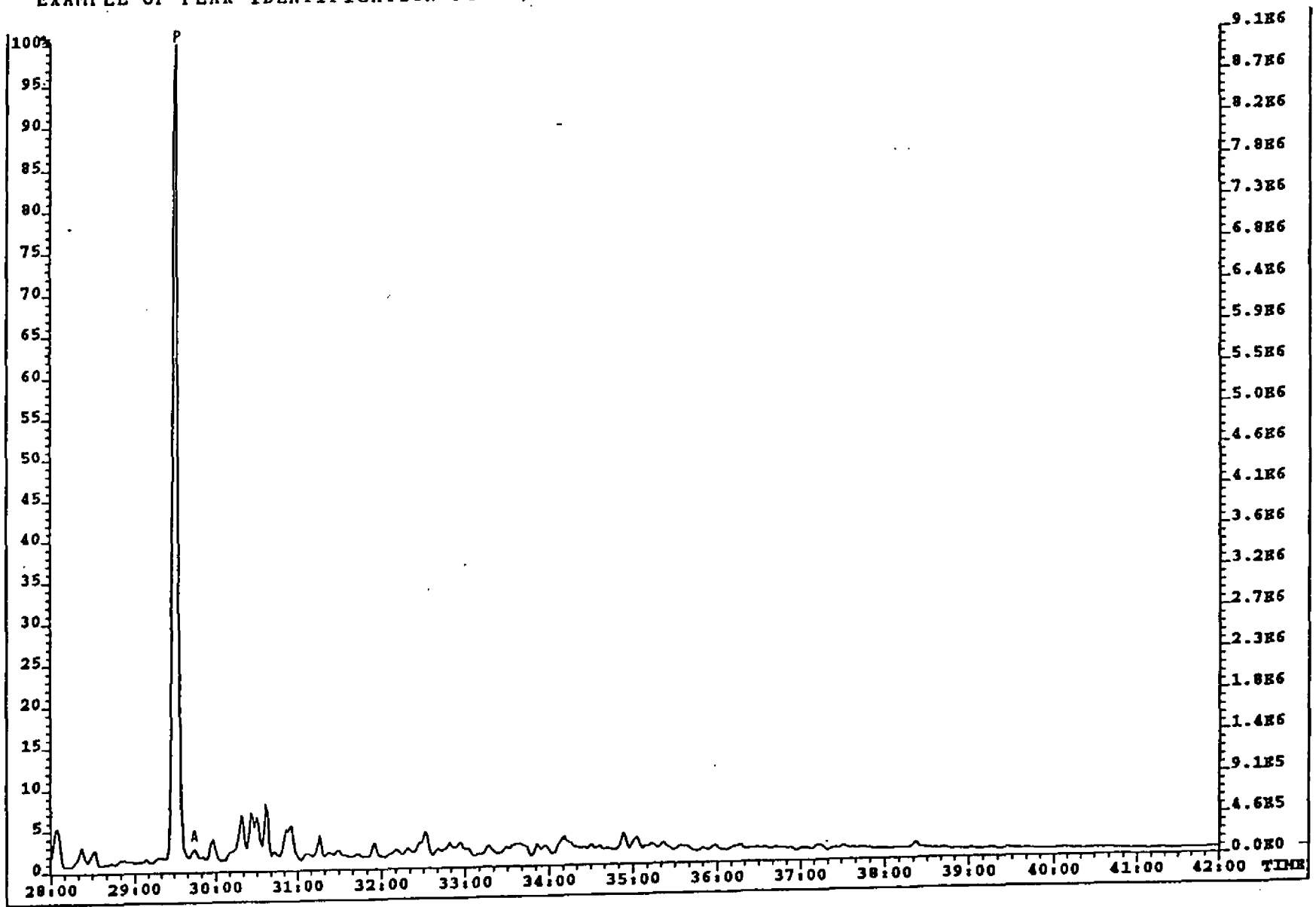
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 178 PHENANTHRENE AND ANTHRACENE



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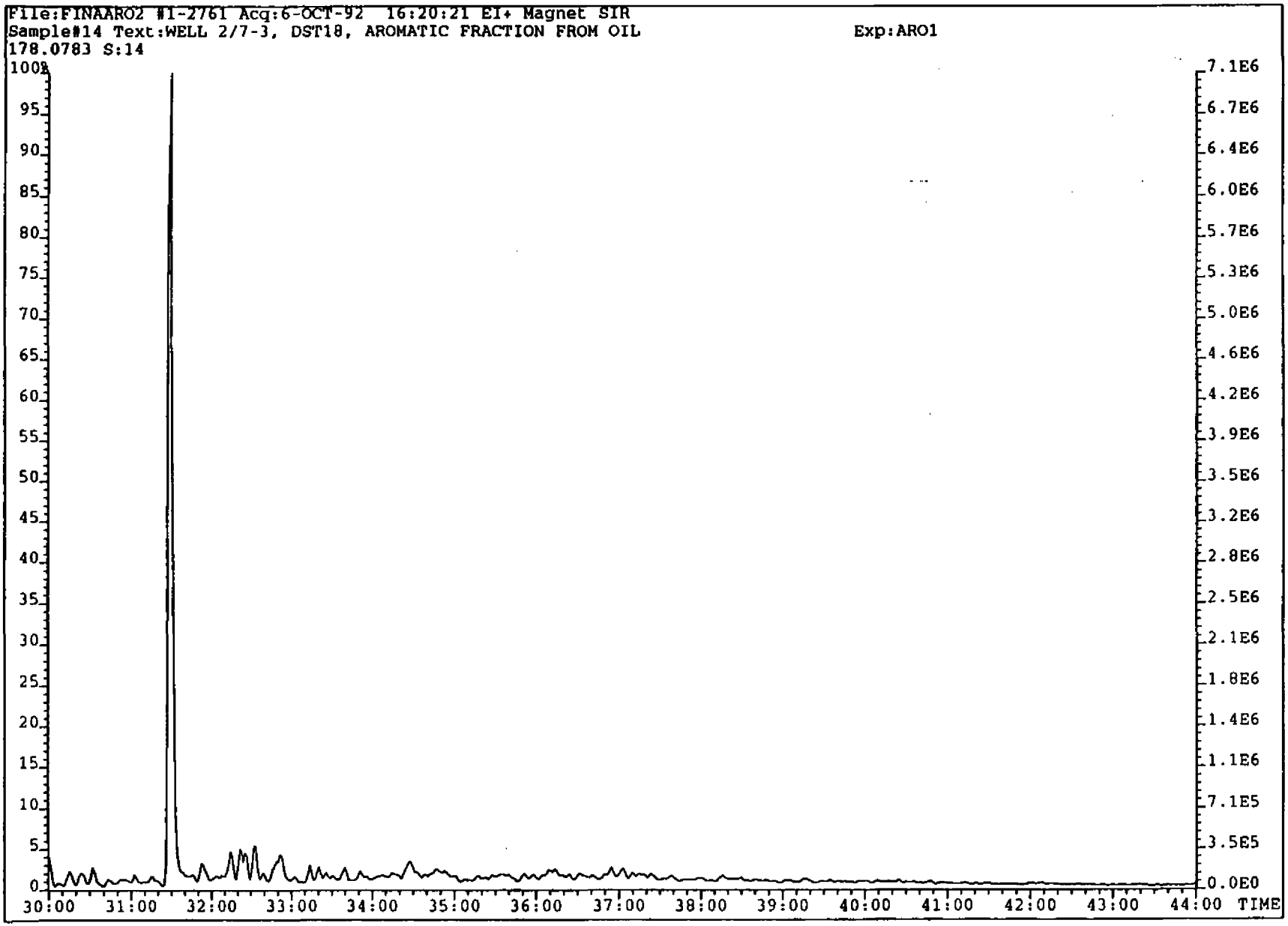

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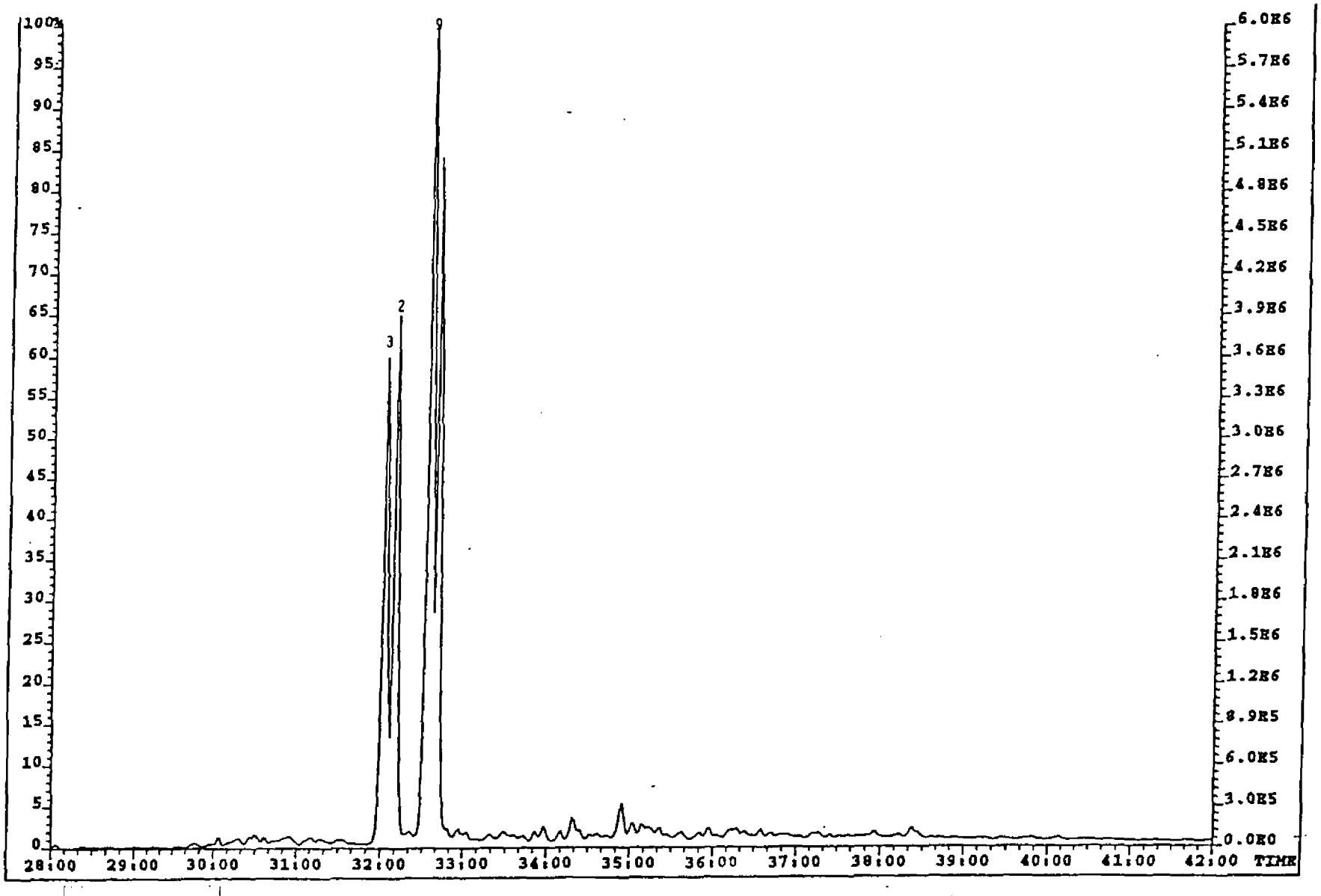
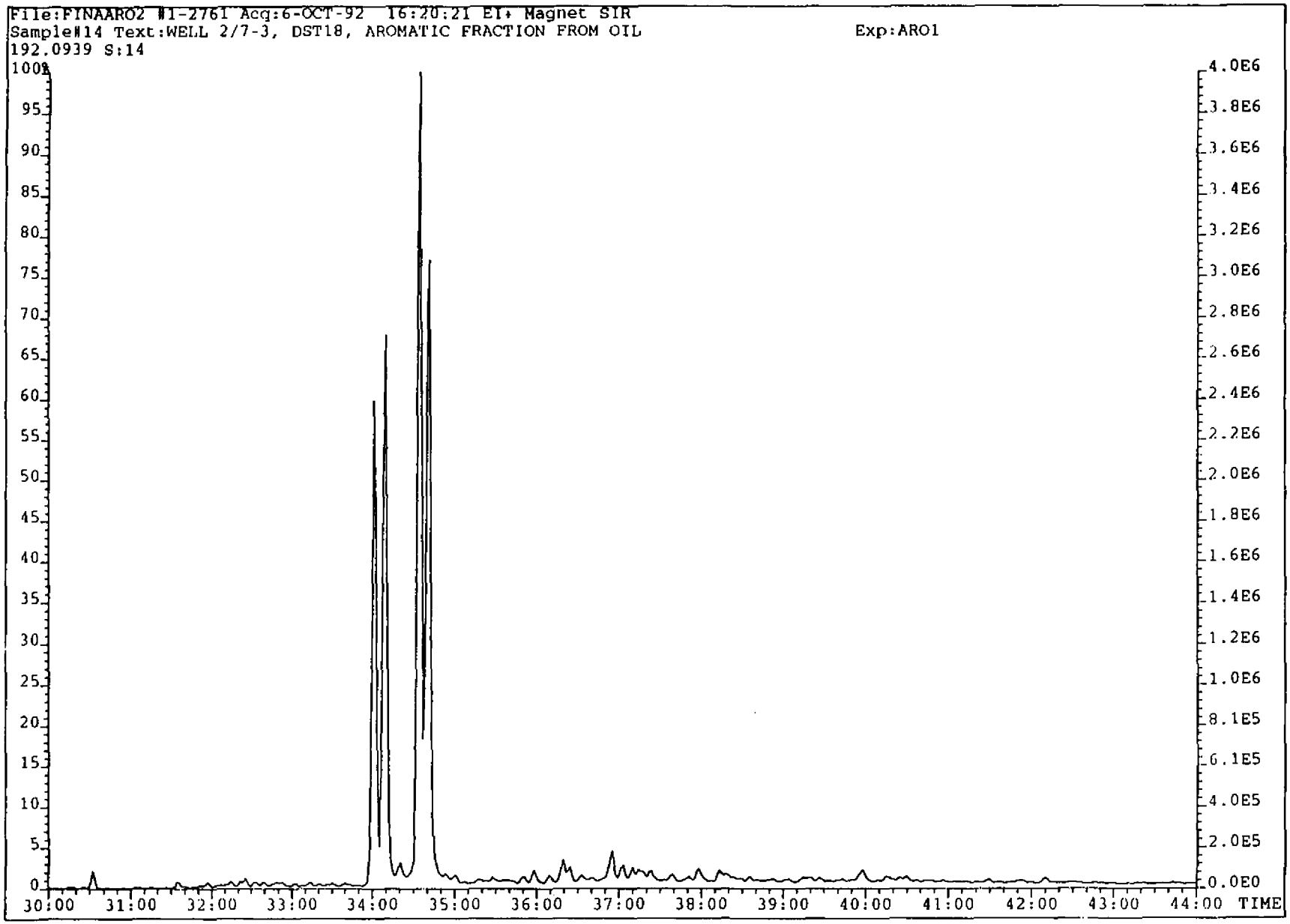
GEOLAB NOR

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 192 METHYL PHENANTHRENES




File:FINAARO2 #1-2761 Acq:6-OCT-92 16:20:21 EI+ Magnet SIR
Sample#14 Text:WELL 2/7-3, DST18, AROMATIC FRACTION FROM OIL
Exp:ARO1
192.0939 S:14
100%
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
4.0E6
3.8E6
3.6E6
3.4E6
3.2E6
3.0E6
2.8E6
2.6E6
2.4E6
2.2E6
2.0E6
1.8E6
1.6E6
1.4E6
1.2E6
1.0E6
8.1E5
6.1E5
4.0E5
2.0E5
0.0E0
30:00
31:00
32:00
33:00
34:00
35:00
36:00
37:00
38:00
39:00
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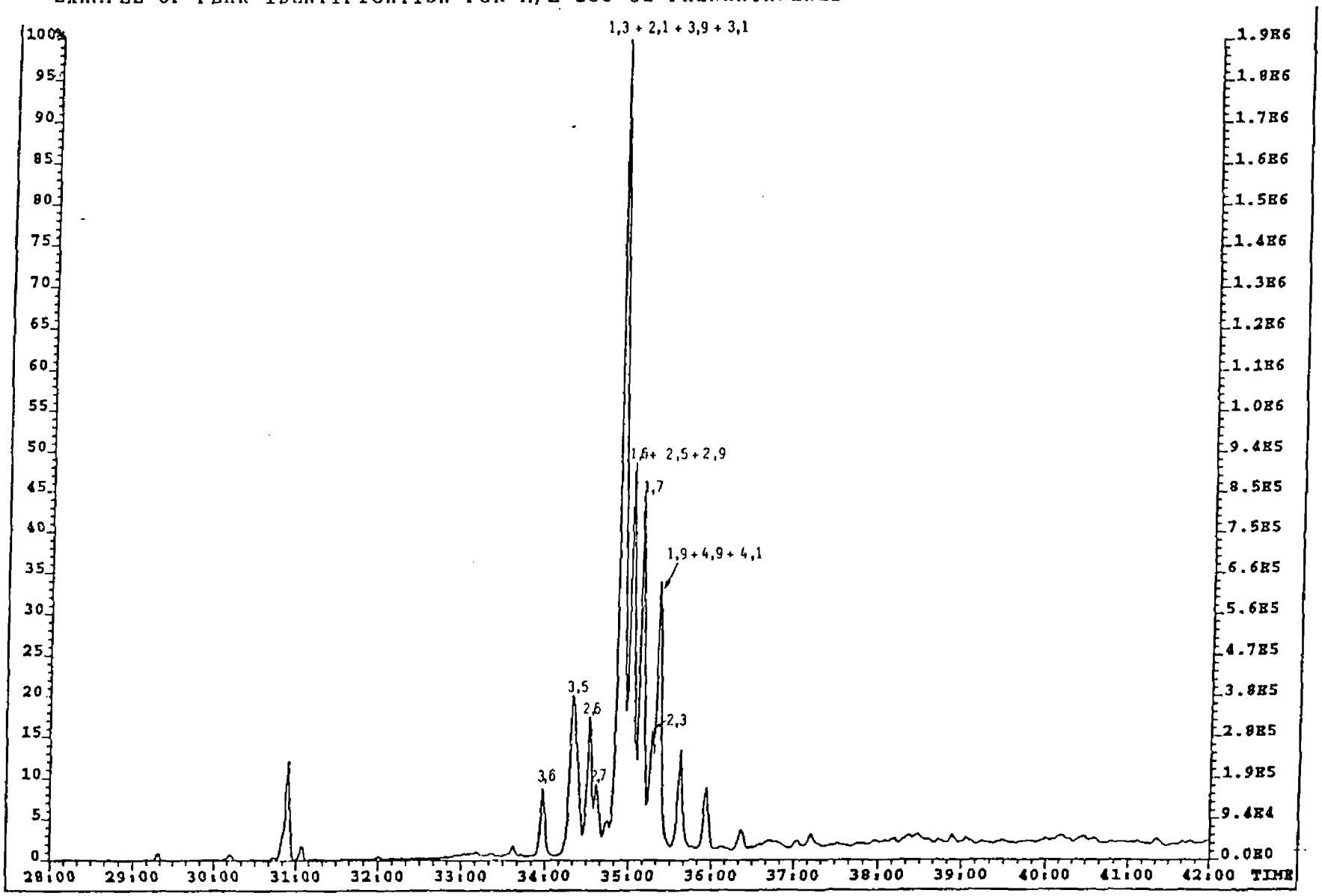
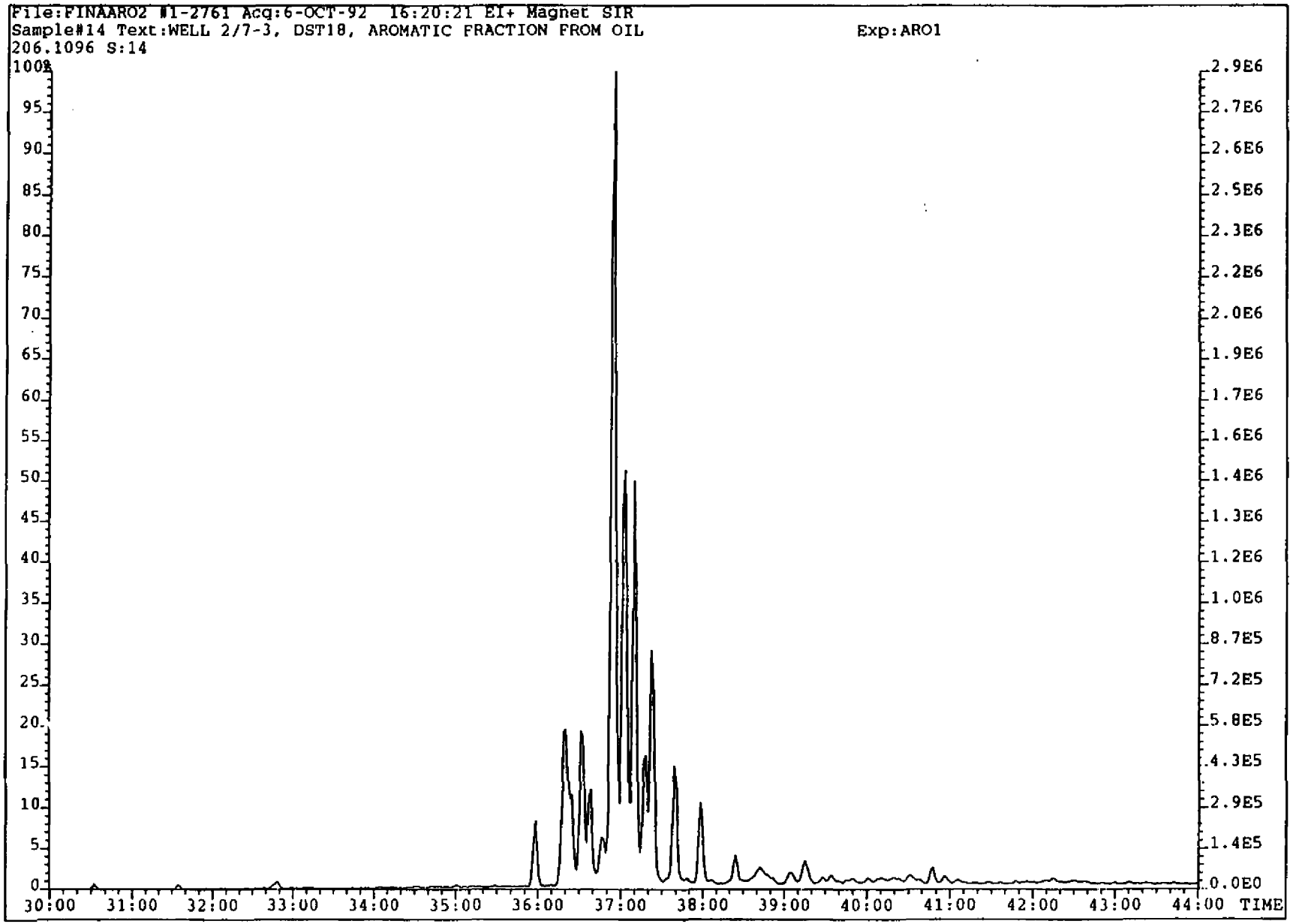
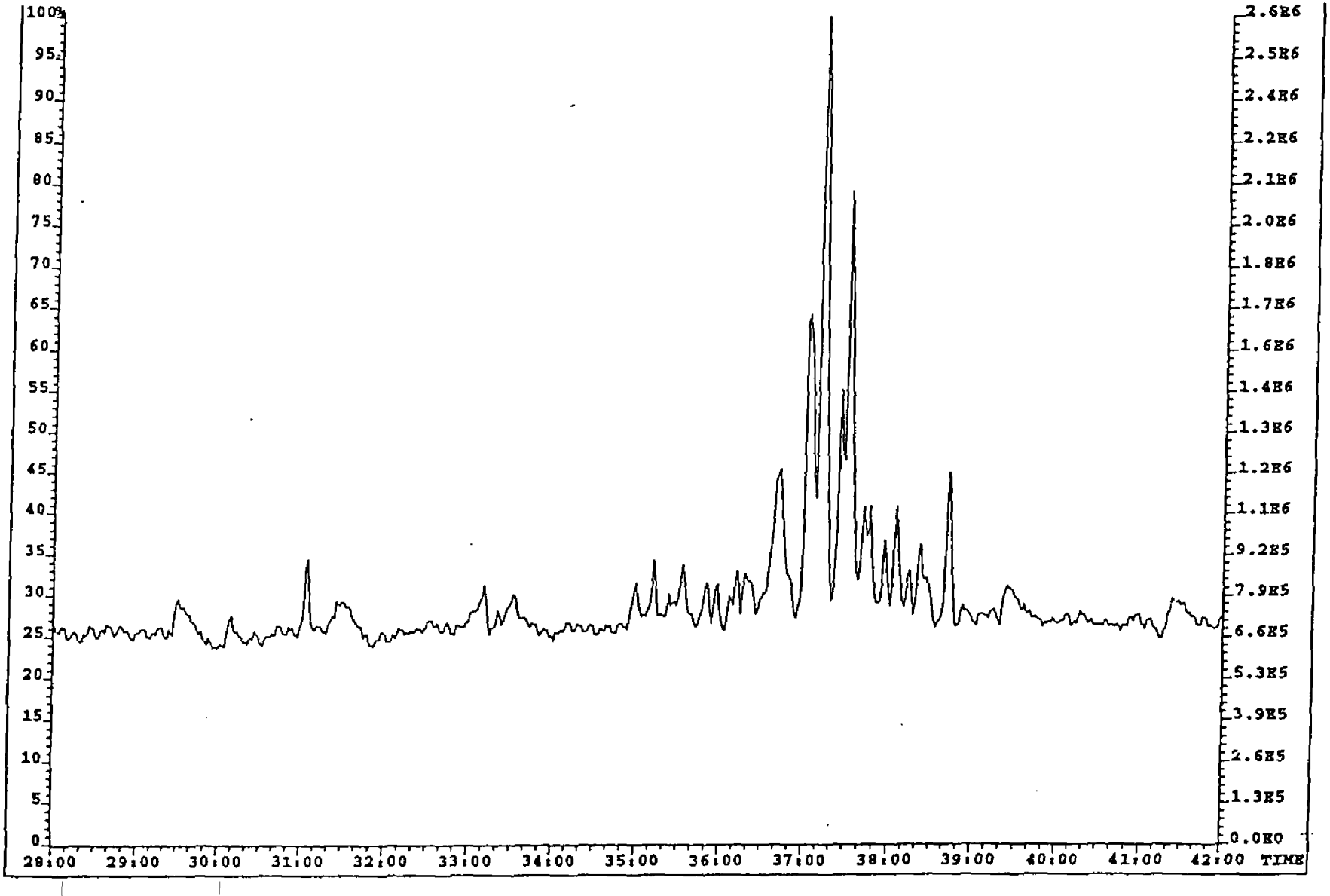
41:00
42:00
43:00
44:00
TIME

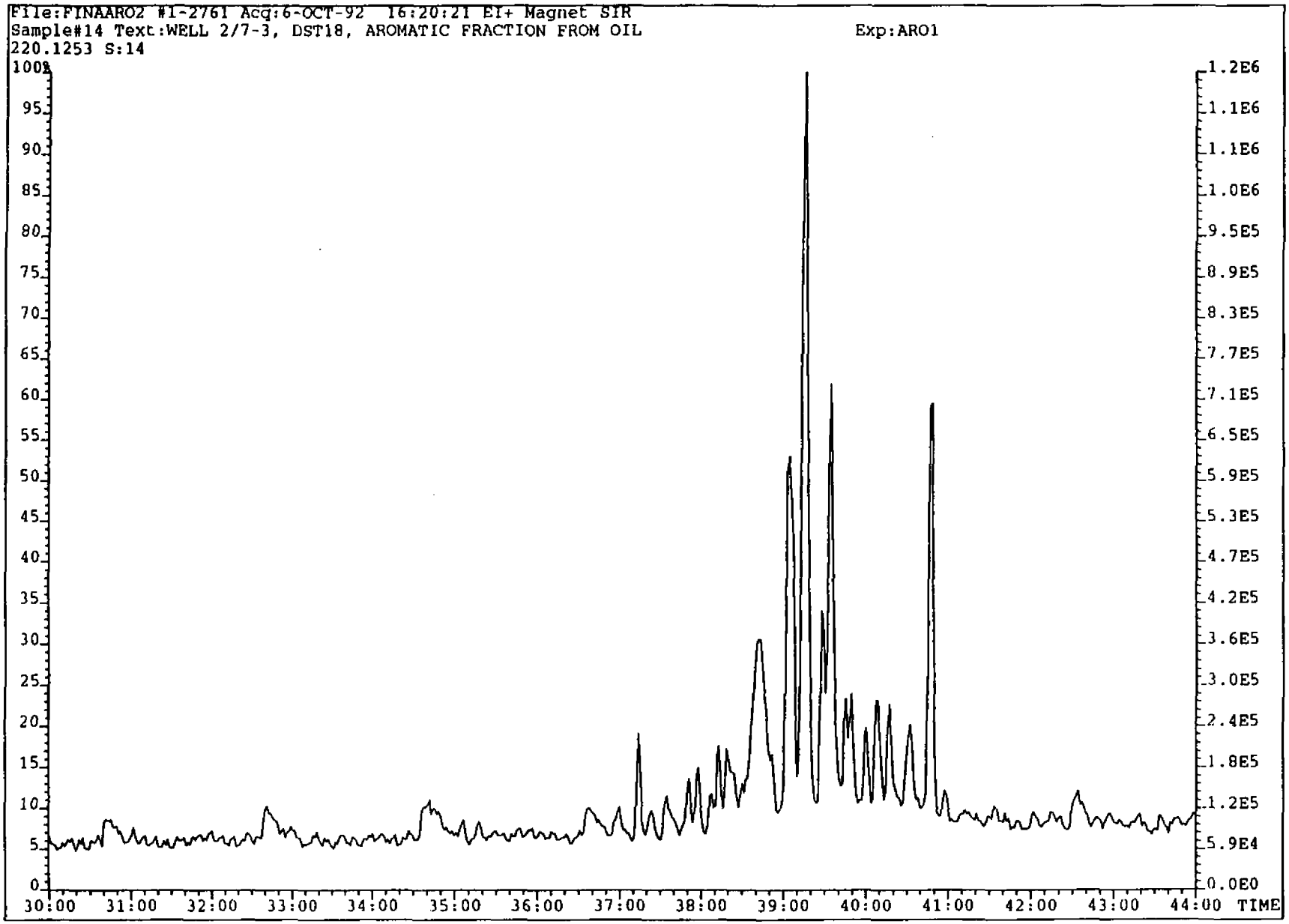
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 206 C2 PHENANTHRENES



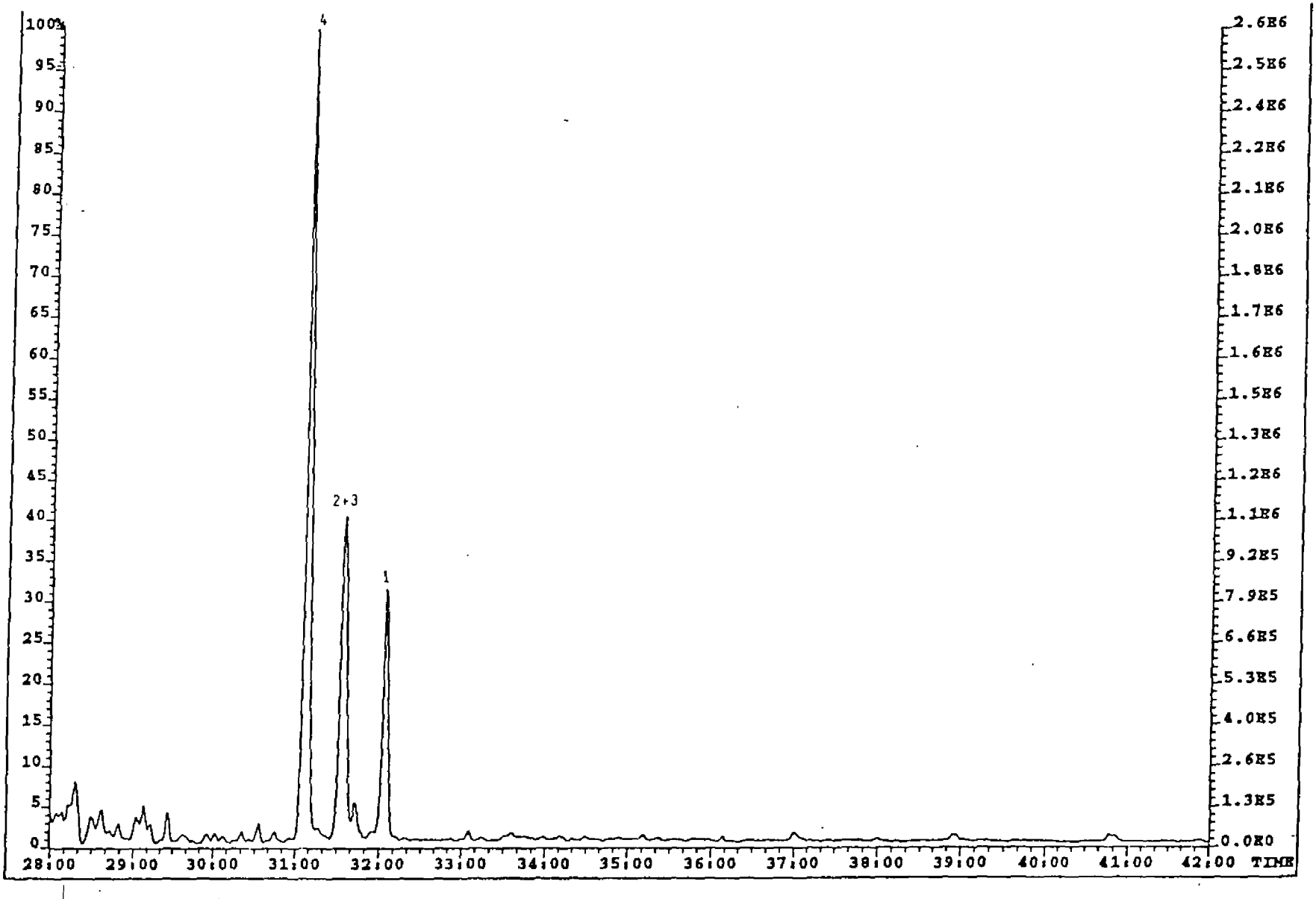

File:FINAARO2 #1-2761 Acq:6-OCT-92 16:20:21 EI+ Magnet SIR
Sample#14 Text:WELL 2/7-3, DST18, AROMATIC FRACTION FROM OIL
Exp:ARO1
206.1096 S:14
100%
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
2.9E6
2.7E6
2.6E6
2.5E6
2.3E6
2.2E6
2.0E6
1.9E6
1.7E6
1.6E6
1.4E6
1.3E6
1.2E6
1.0E6
8.7E5
7.2E5
5.8E5
4.3E5
2.9E5
1.4E5
0.0E0
30:00
31:00
32:00
33:00
34:00
35:00
36:00
37:00
38:00
39:00
40:00
41:00
42:00
43:00
44:00
TIME

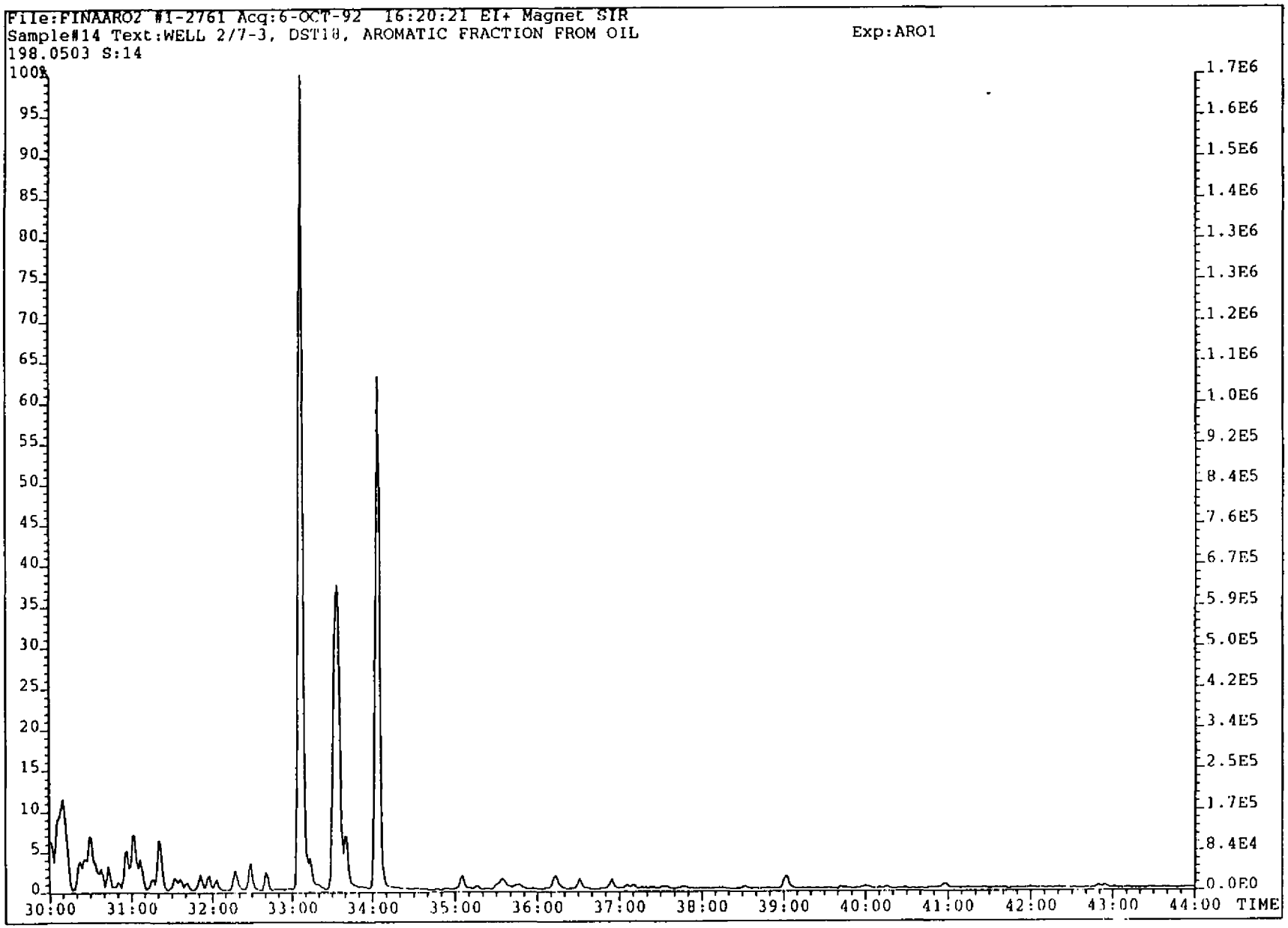
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 220 C3 PHENANTHRENES



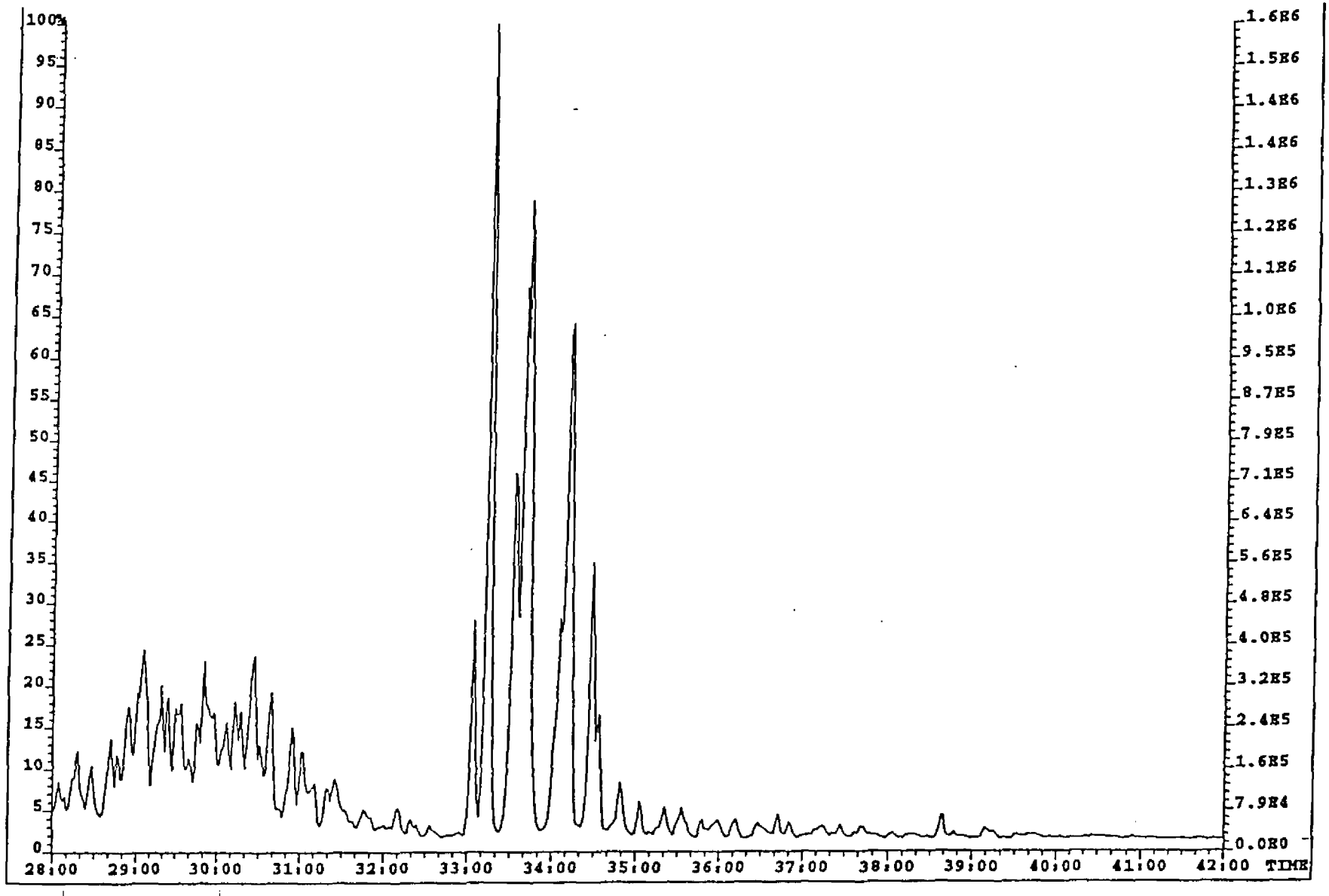

File:FINAARO2 #1-2761 Acq:6-OCT-92 16:20:21 EI+ Magnet SIR
Sample#14 Text:WELL 2/7-3, DST18, AROMATIC FRACTION FROM OIL
Exp:ARO1
220.1253 S:14
100%
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
1.2E6
1.1E6
1.1E6
1.0E6
9.5E5
8.9E5
8.3E5
7.7E5
7.1E5
6.5E5
5.9E5
5.3E5
4.7E5
4.2E5
3.6E5
3.0E5
2.4E5
1.8E5
1.2E5
5.9E4
0.0E0
30:00
31:00
32:00
33:00
34:00
35:00
36:00
37:00
38:00
39:00
40:00
41:00
42:00
43:00
44:00
TIME

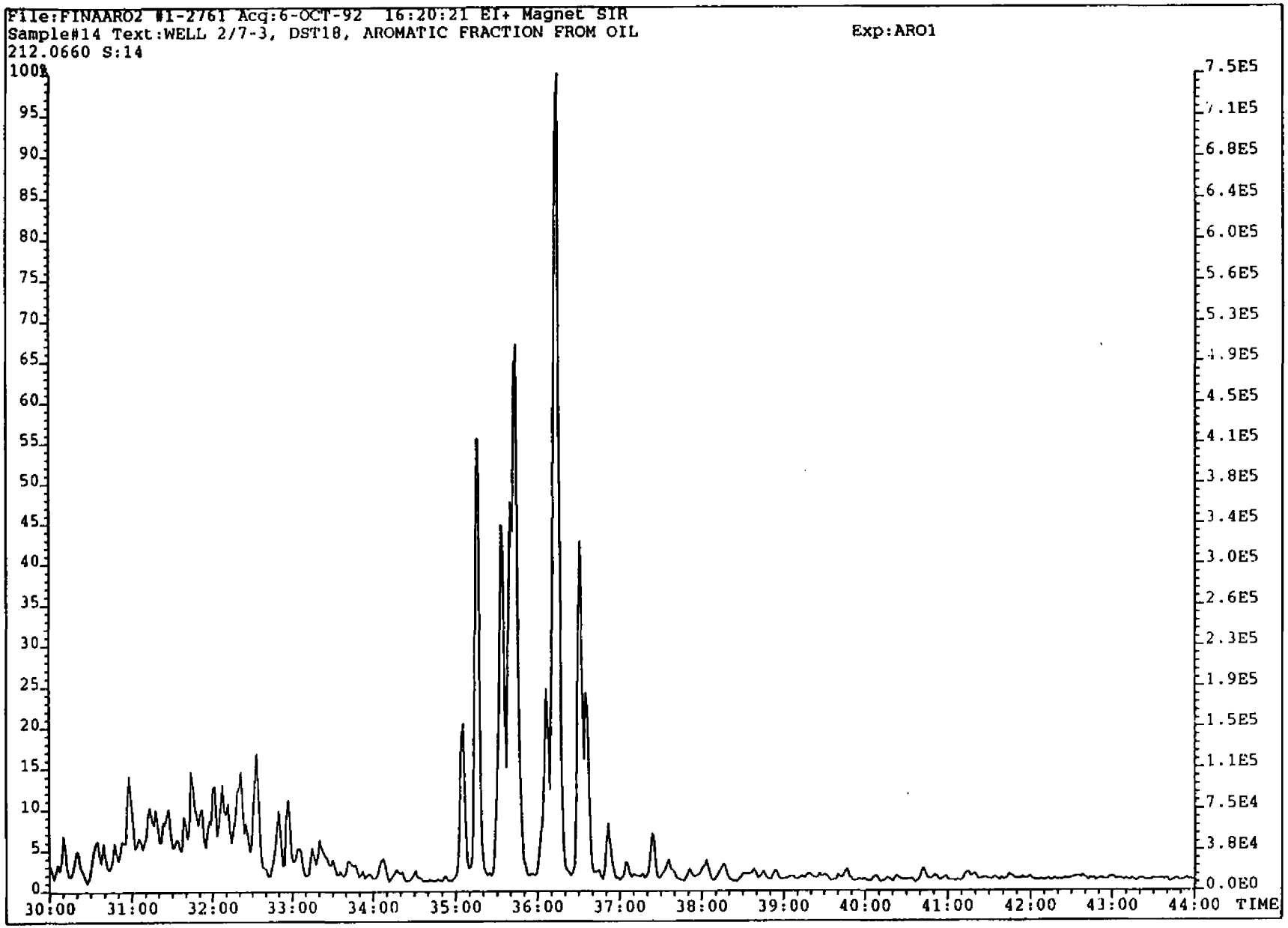
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 198 DIBENZOTHIOPHENES



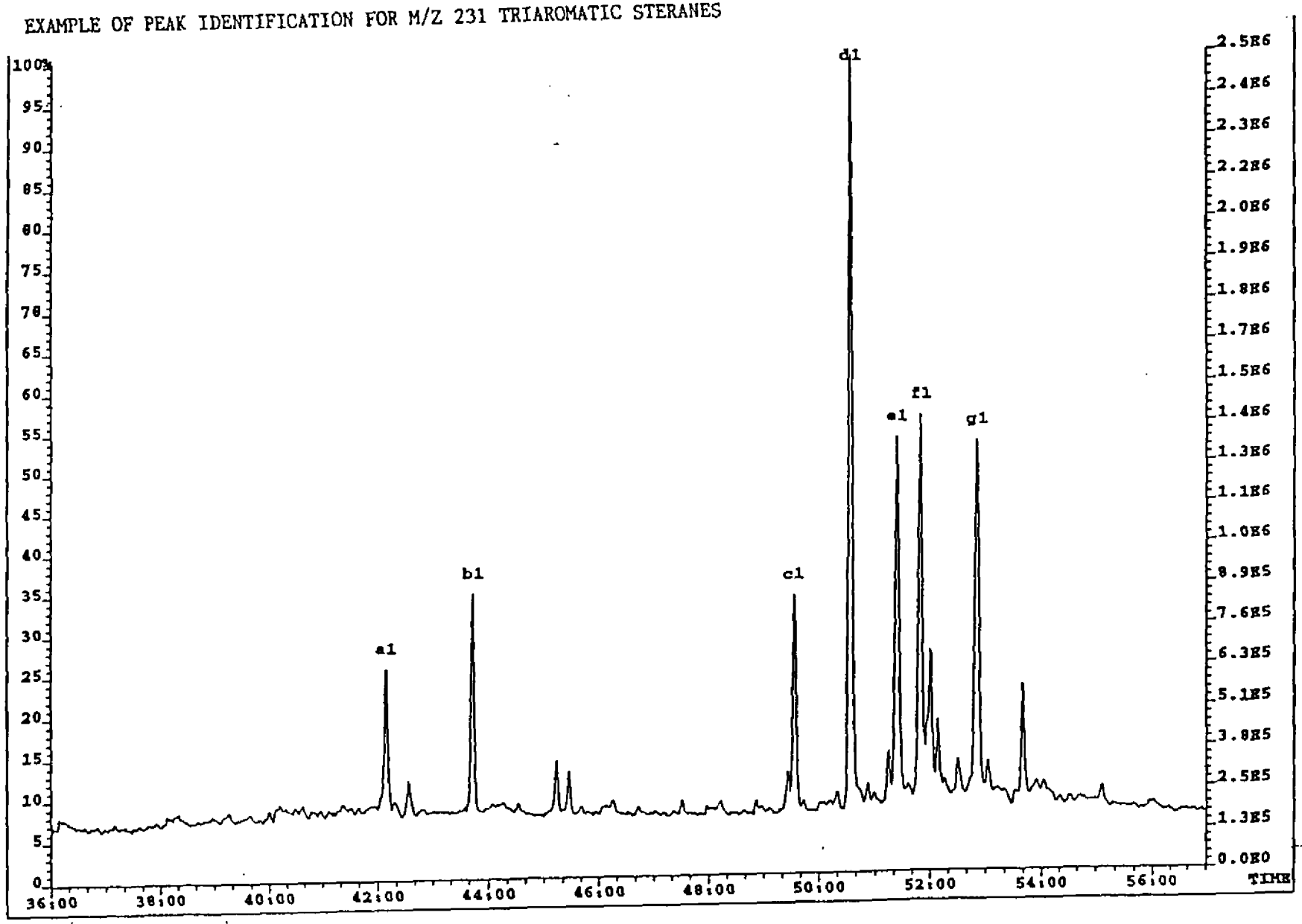

File:FINAARO2 #1-2761 Acq:6-OCT-92 16:20:21 EI+ Magnet SIR
Sample#14 Text:WELL 2/7-3, DST10, AROMATIC FRACTION FROM OIL
Exp:ARO1
198.0503 S:14
100%
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
1.7E6
1.6E6
1.5E6
1.4E6
1.3E6
1.3E6
1.2E6
1.1E6
1.0E6
9.2E5
8.4E5
7.6E5
6.7E5
5.9E5
5.0E5
4.2E5
3.4E5
2.5E5
1.7E5
8.4E4
0.0E0
30:00
31:00
32:00
33:00
34:00
35:00
36:00
37:00
38:00
39:00
40:00
41:00
42:00
43:00
44:00
TIME

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 212 C2 DIBENZOTHIOPHENES




File:FINAARO2 #1-2761 Acq:6-OCT-92 16:20:21 EI+ Magnet SIR
Sample#14 Text:WELL 2/7-3, DST18, AROMATIC FRACTION FROM OIL
Exp:ARO1
212.0660 S:14
100%
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
7.5E5
7.1E5
6.8E5
6.4E5
6.0E5
5.6E5
5.3E5
4.9E5
4.5E5
4.1E5
3.8E5
3.4E5
3.0E5
2.6E5
2.3E5
1.9E5
1.5E5
1.1E5
7.5E4
3.8E4
0.0E0
30:00
31:00
32:00
33:00
34:00
35:00
36:00
37:00
38:00
39:00
40:00
41:00
42:00
43:00
44:00
TIME

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 231 TRIAROMATIC STERANES



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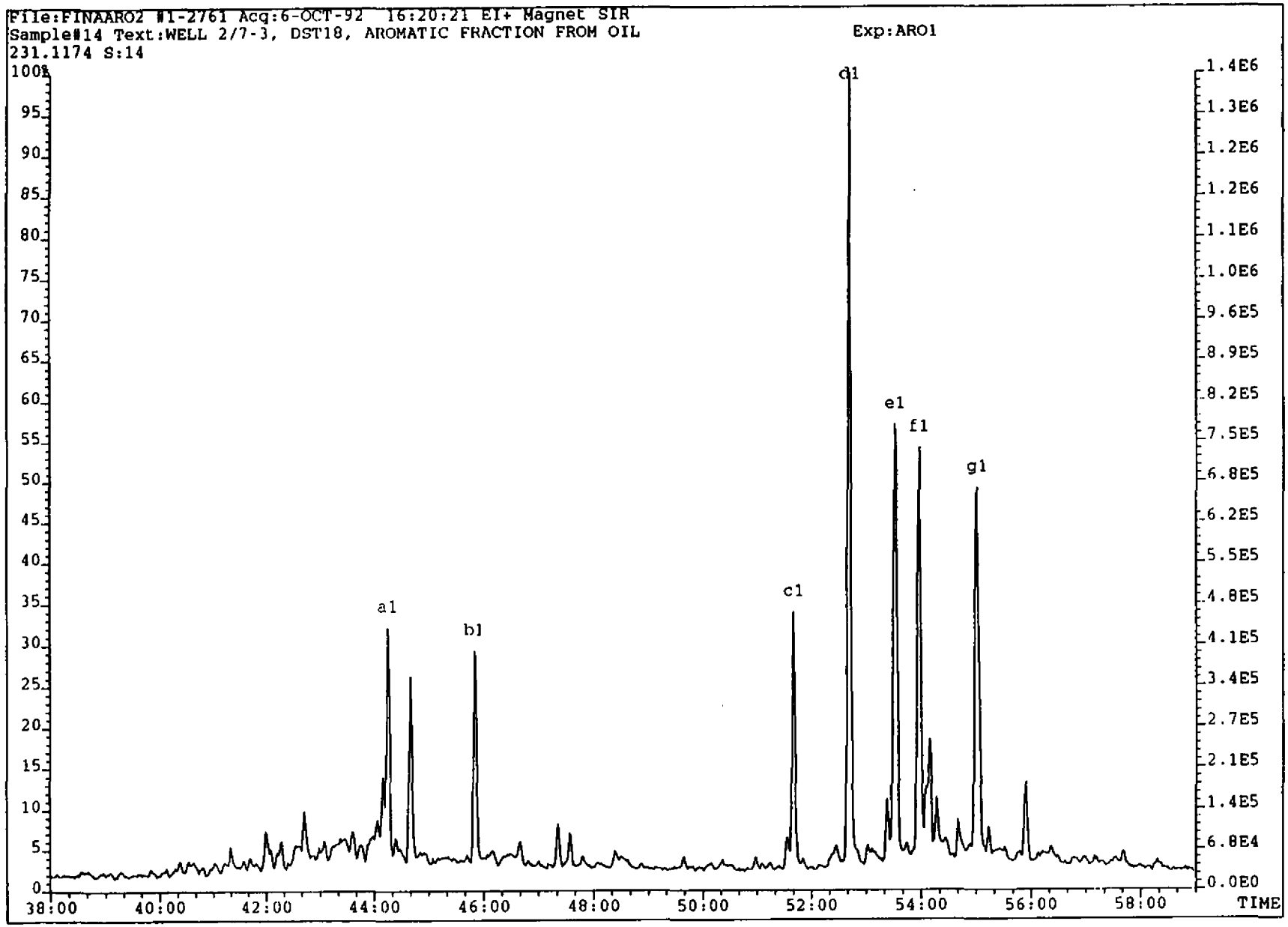
GEOLAB NOR



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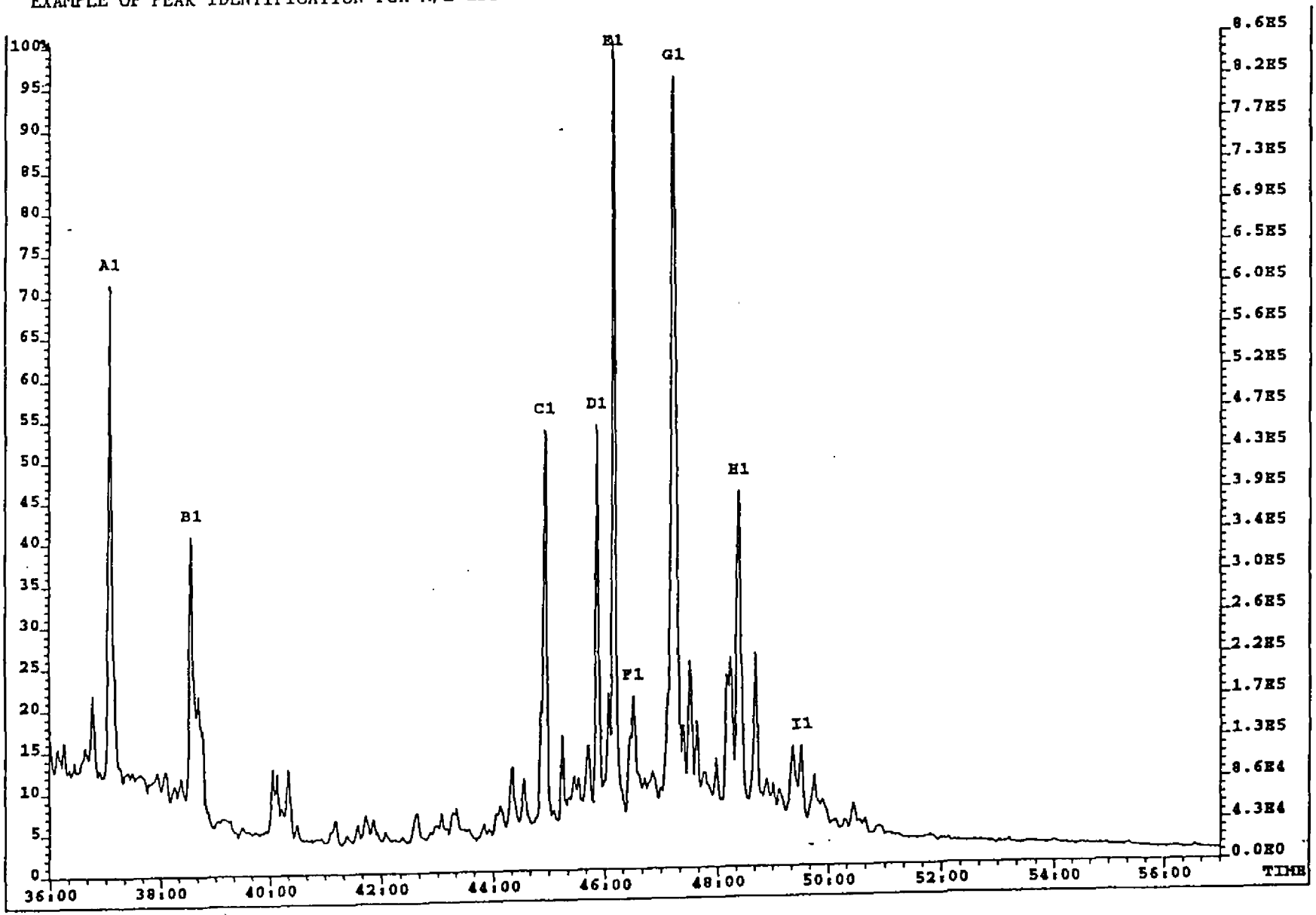
GEOLAB NOR

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 253 MONOAROMATIC STERANES



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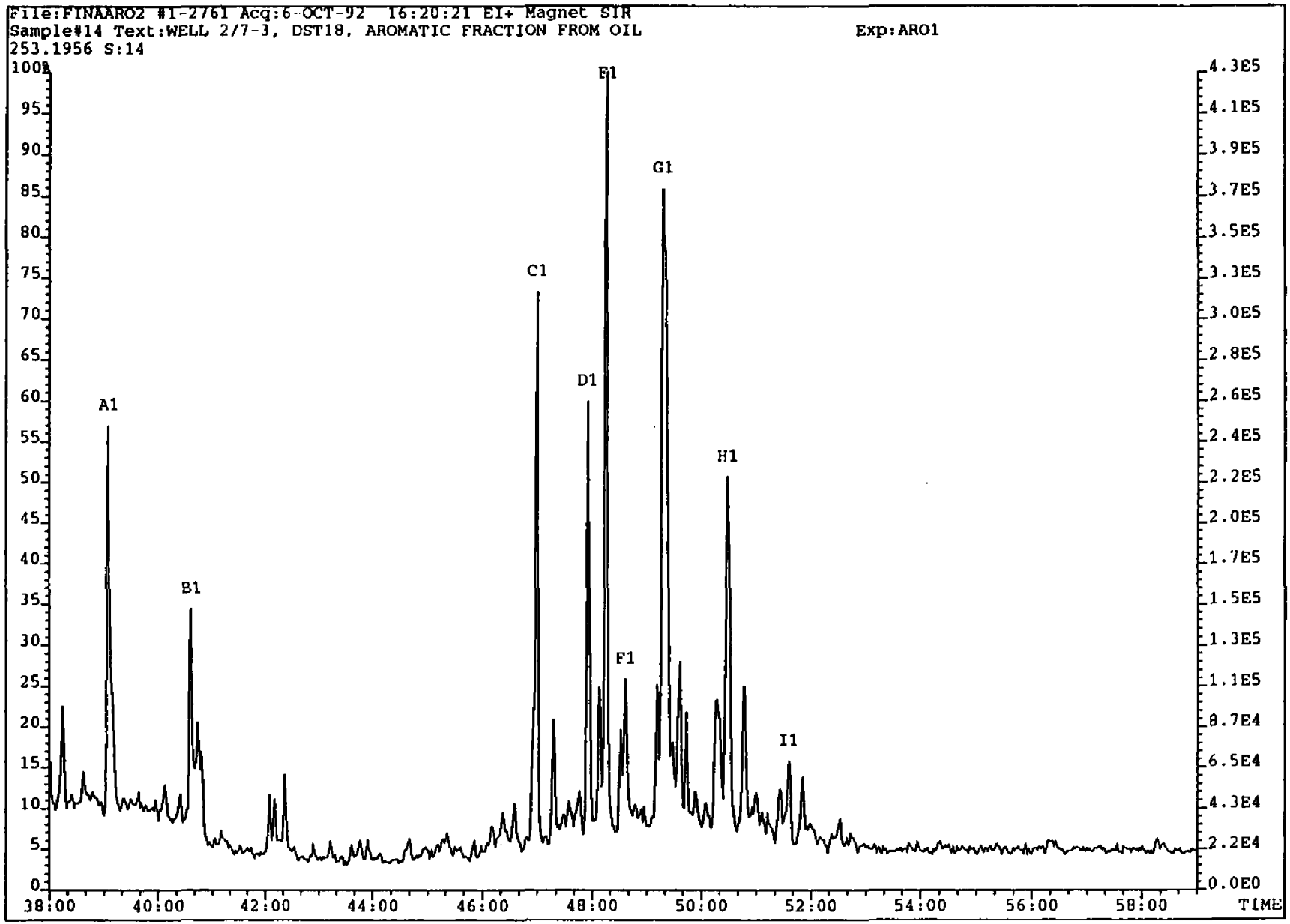
GEOLAB NOR



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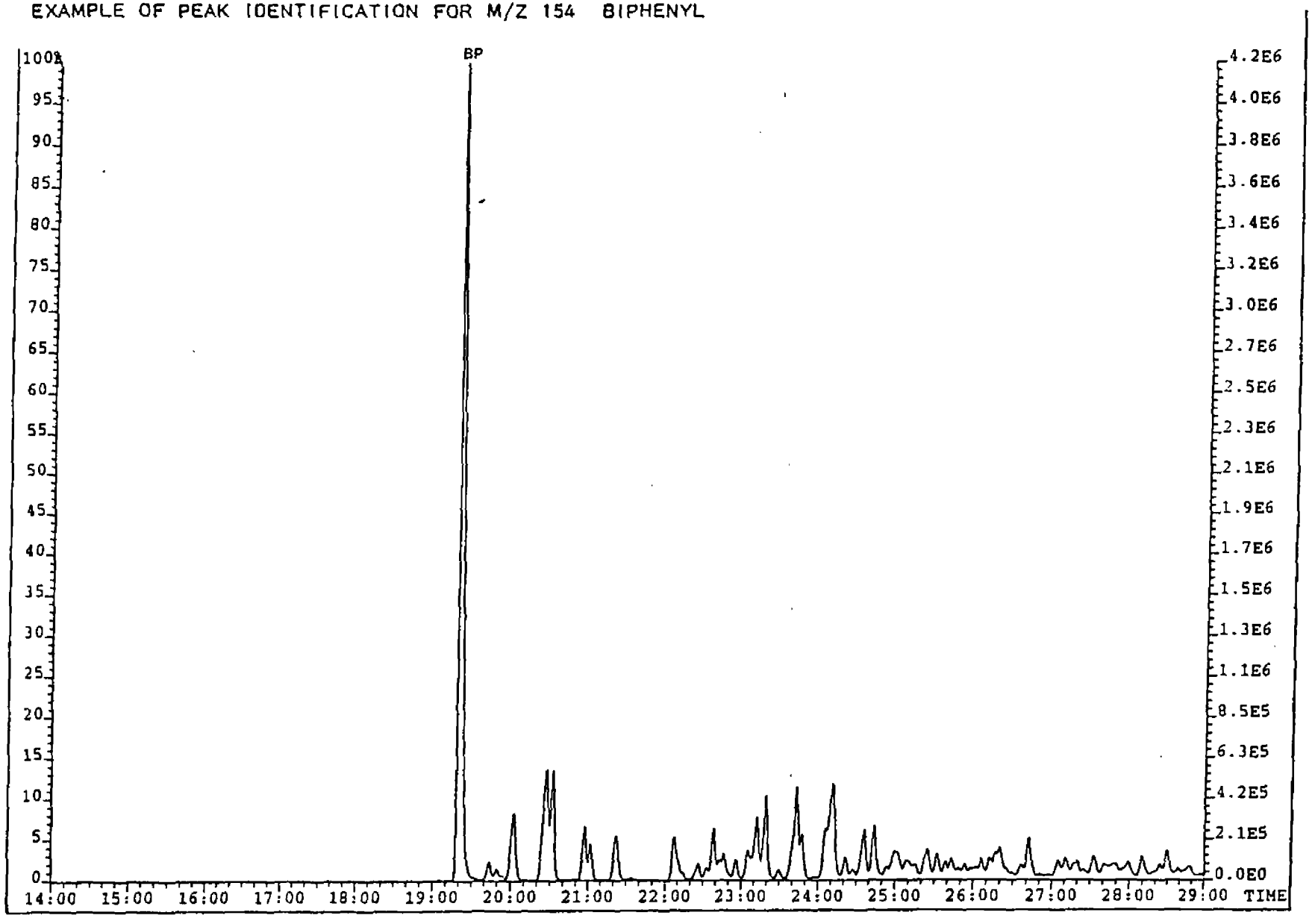
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 154 BIPHENYL



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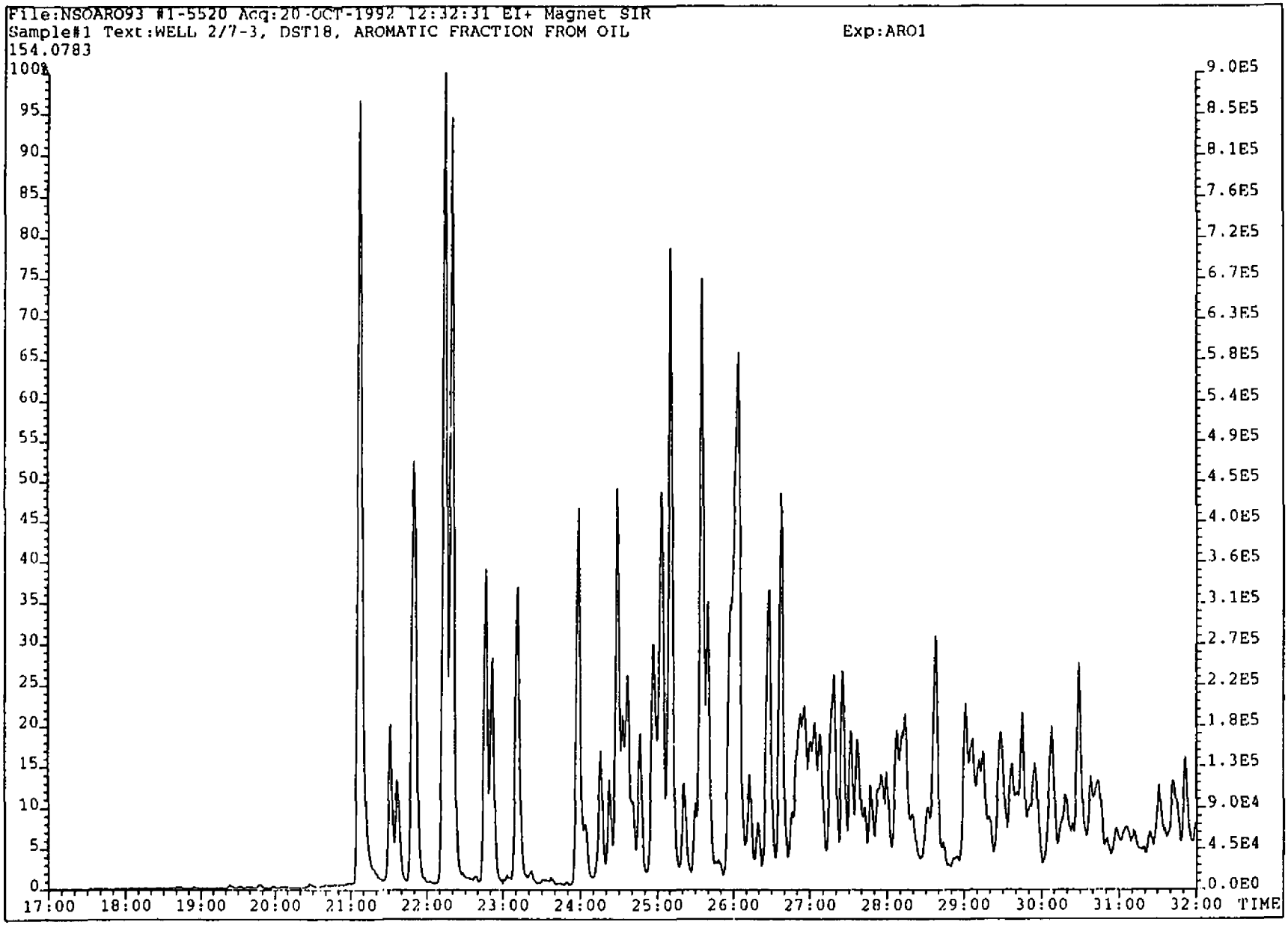

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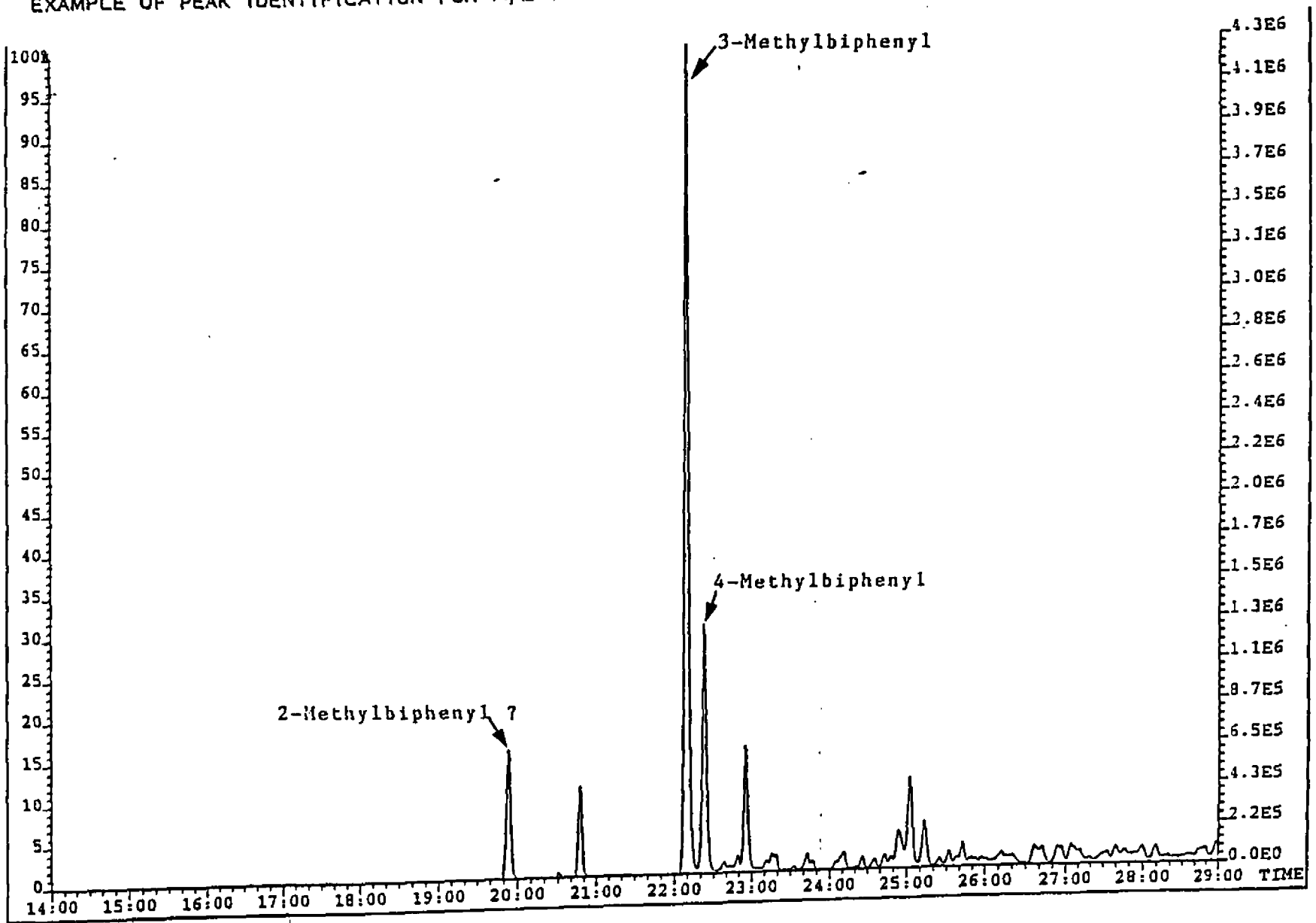
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 168 METHYL BIPHENYLS



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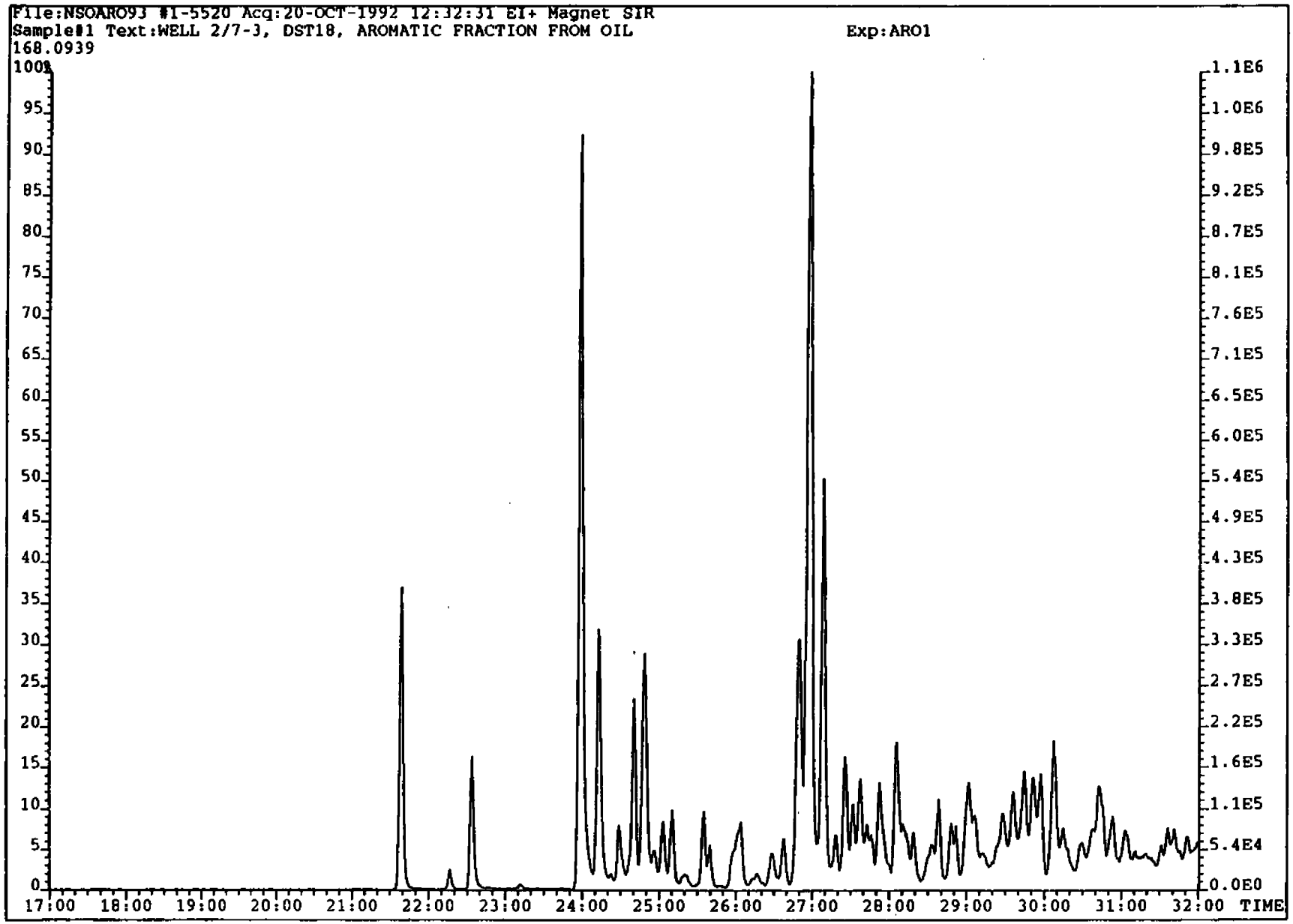
GEOLAB NOR



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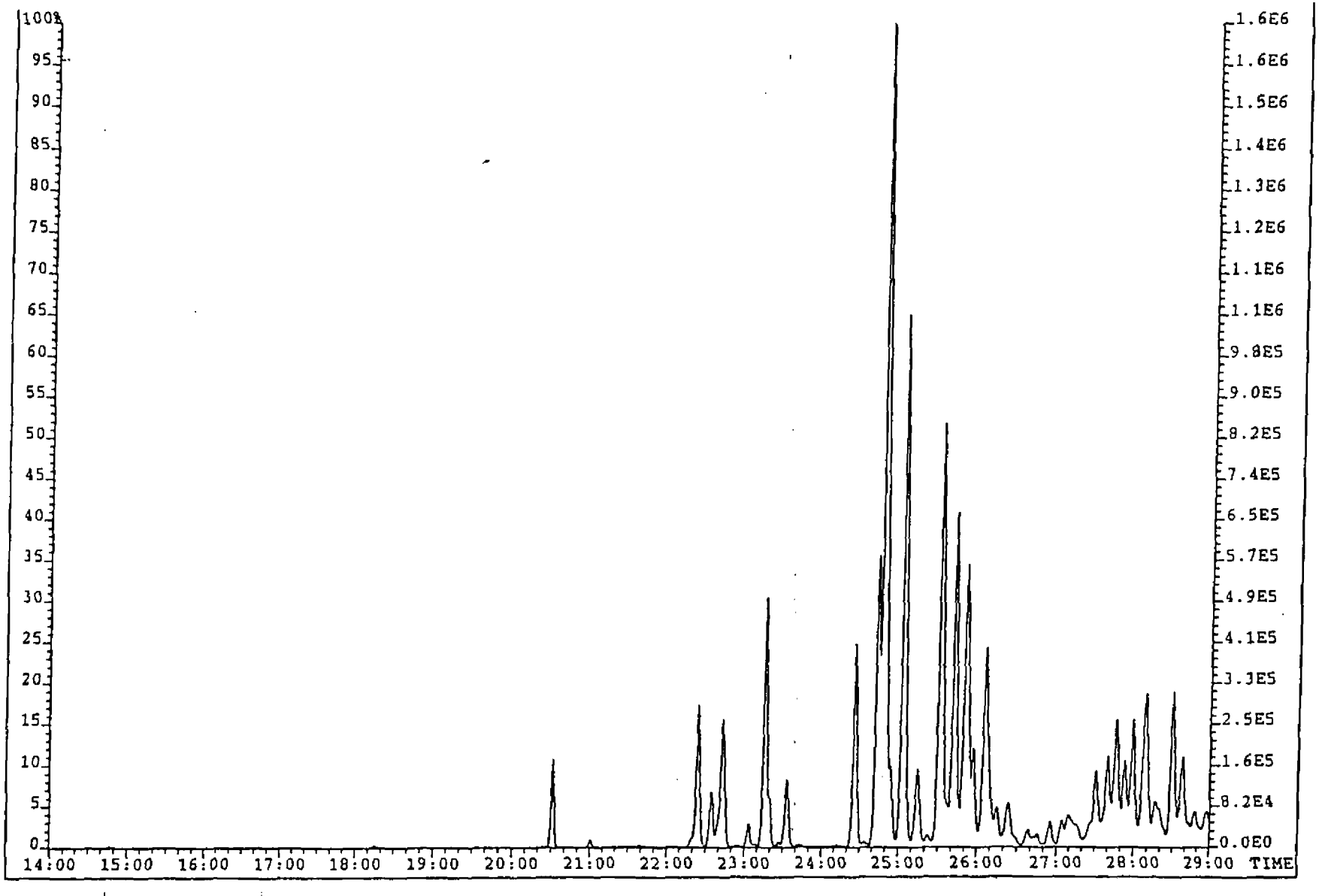
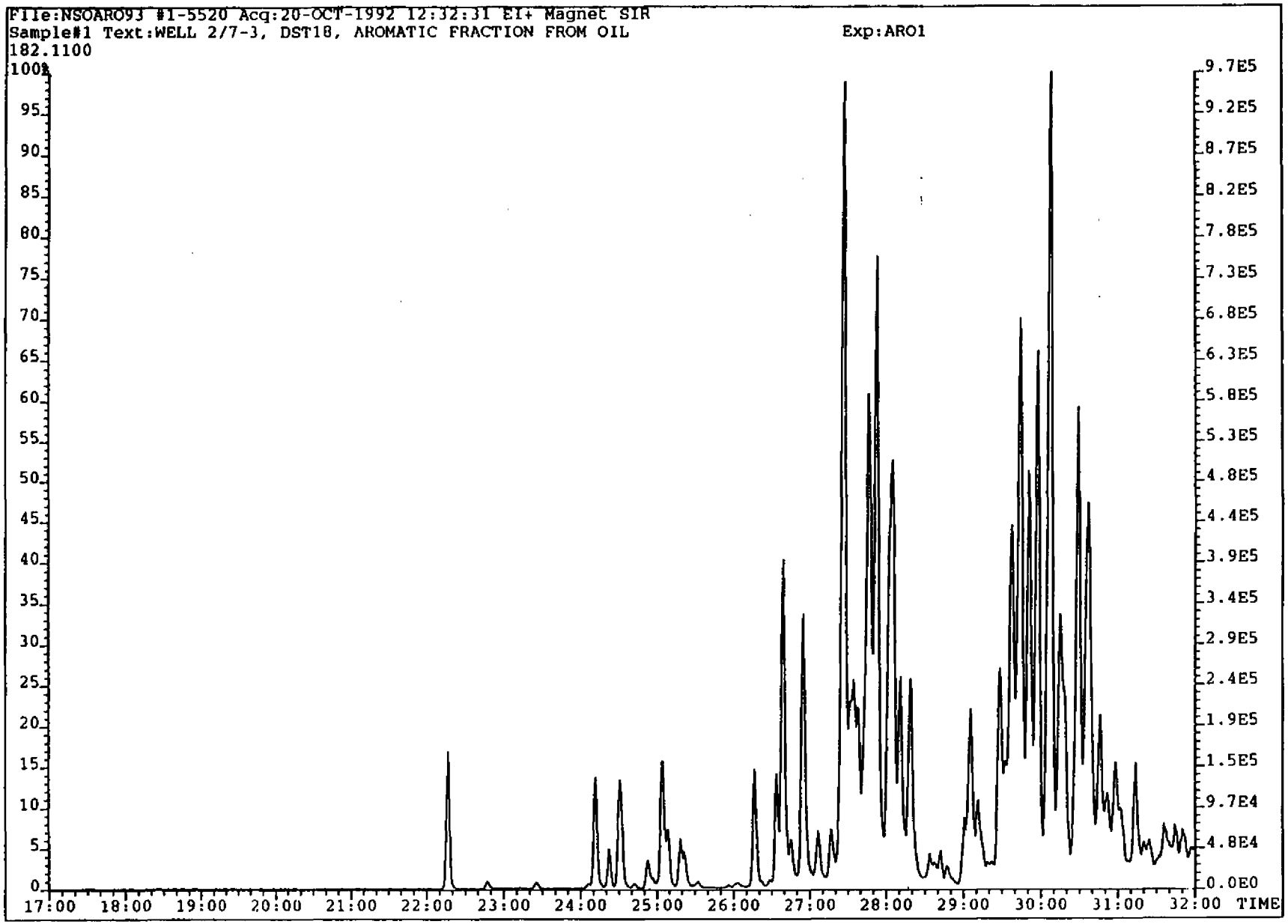
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 182 C_2 BIPHENYLS





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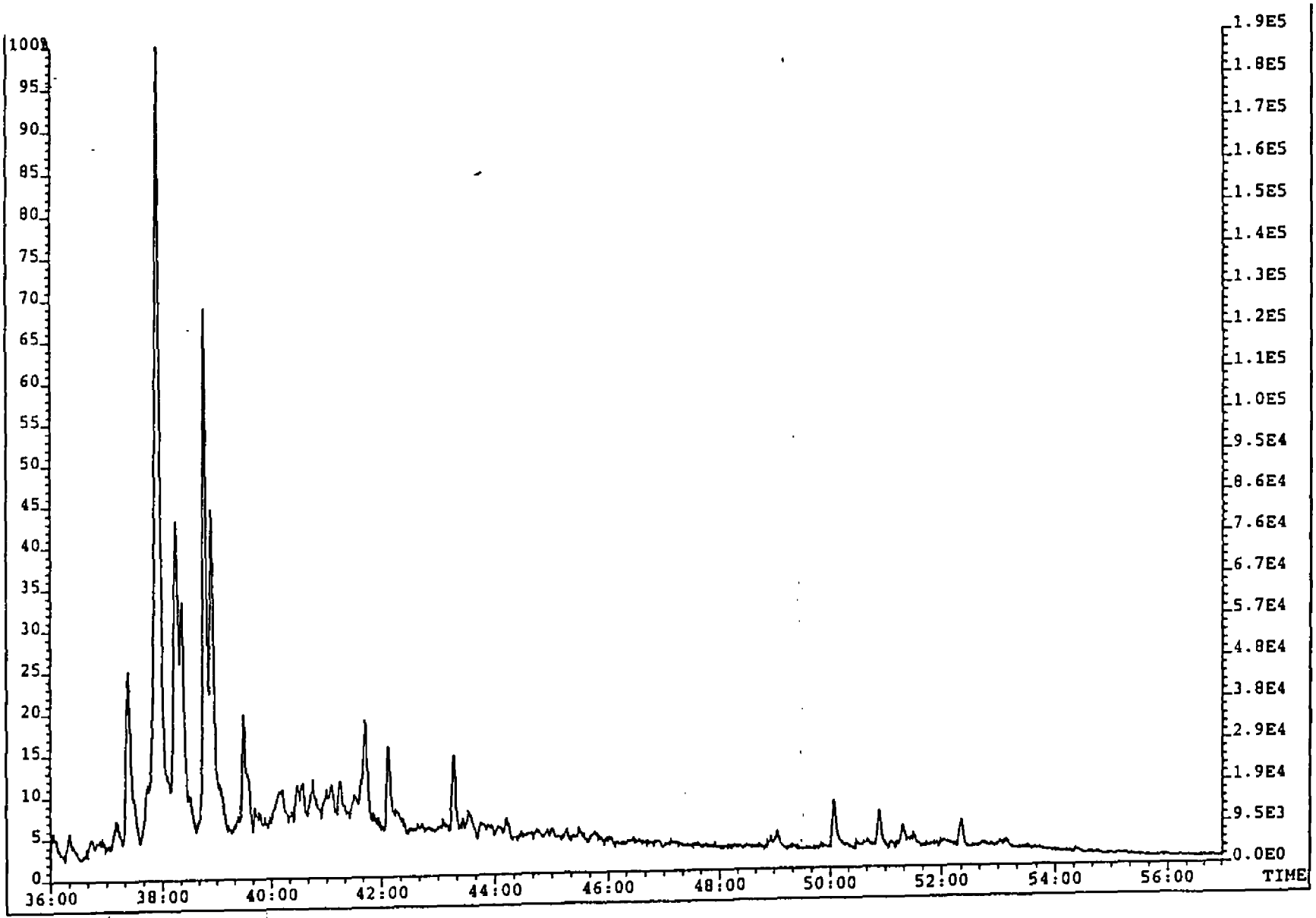
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 216 METHYL PYRENES



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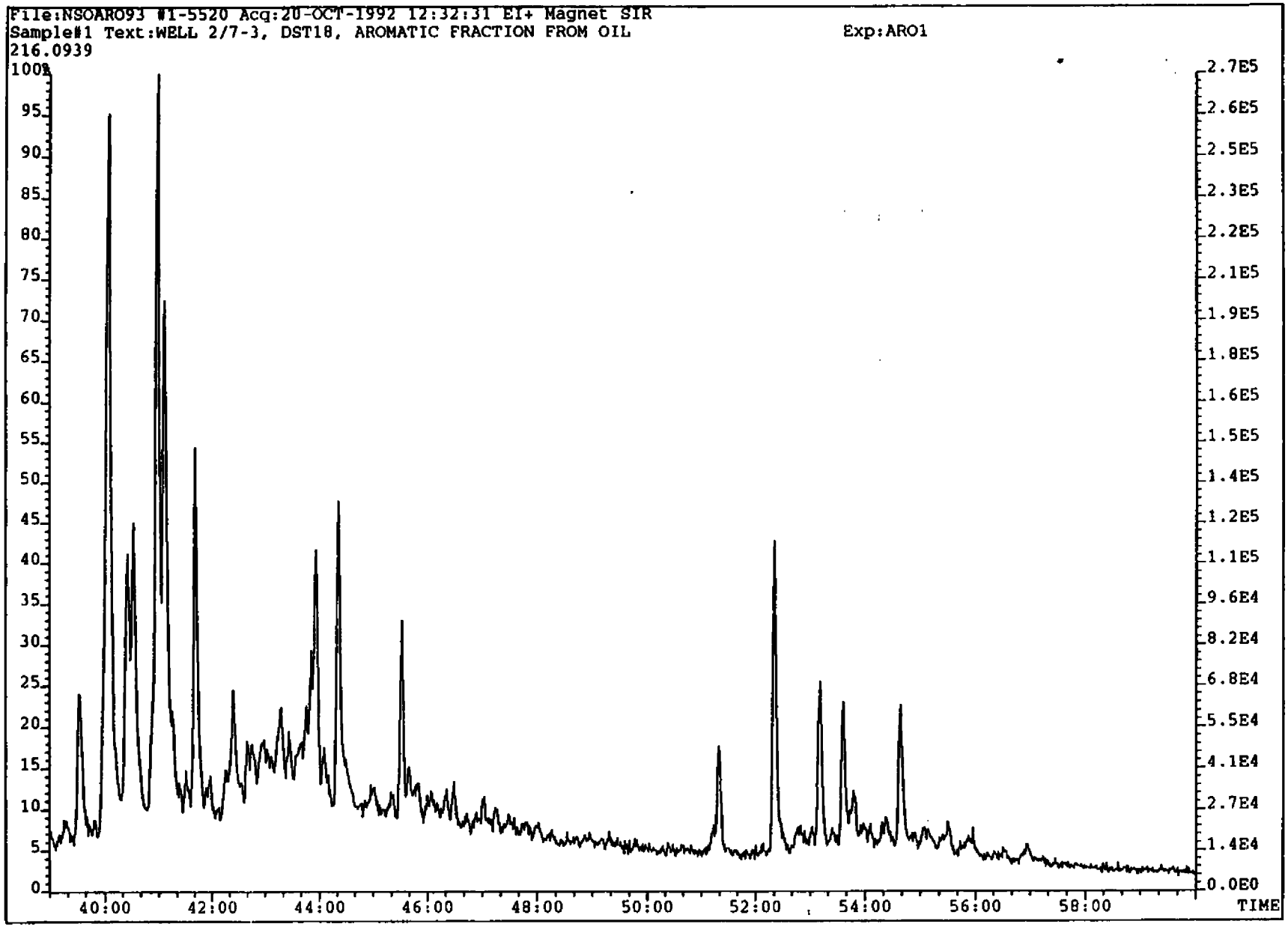
GEOLAB NOR



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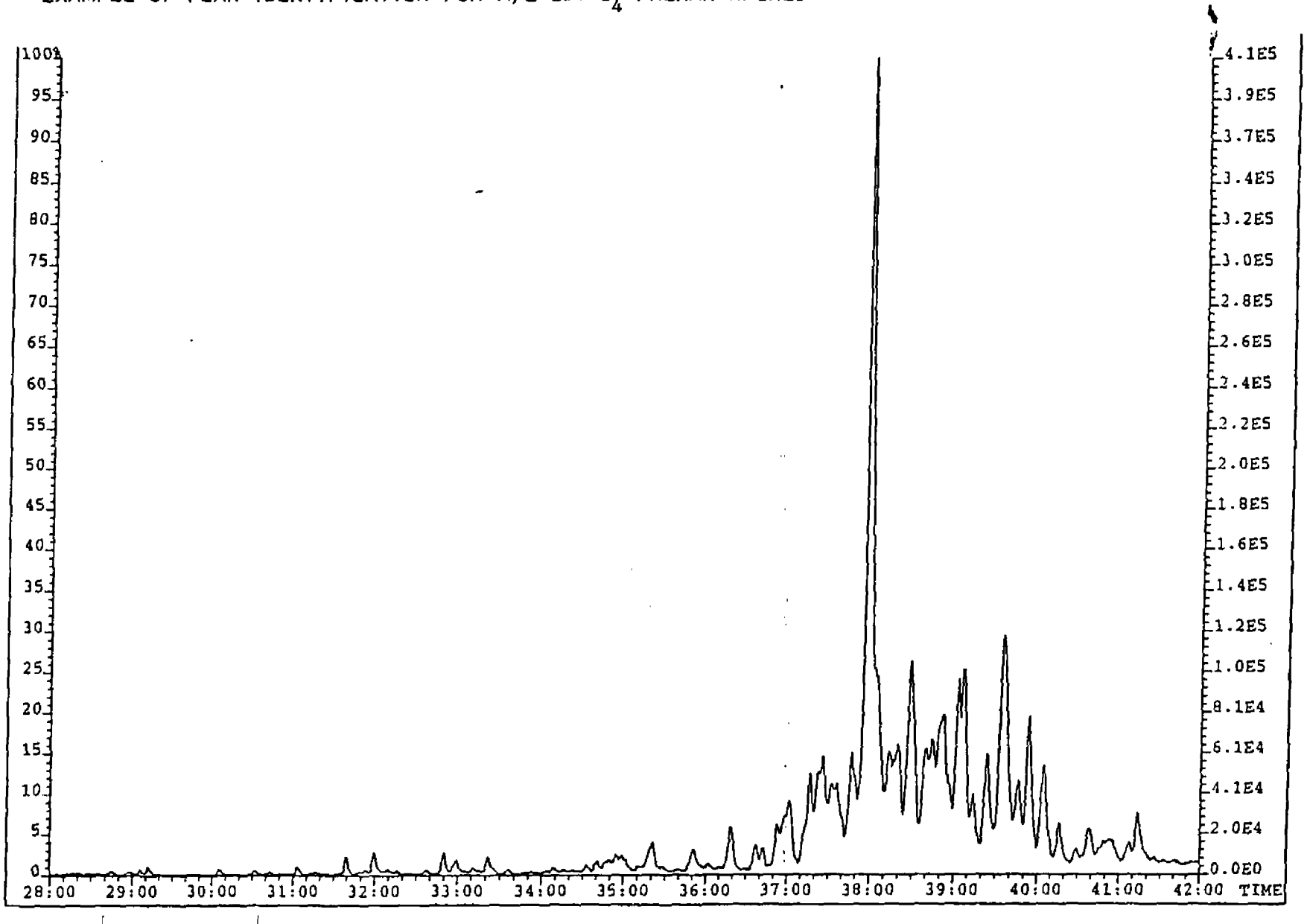
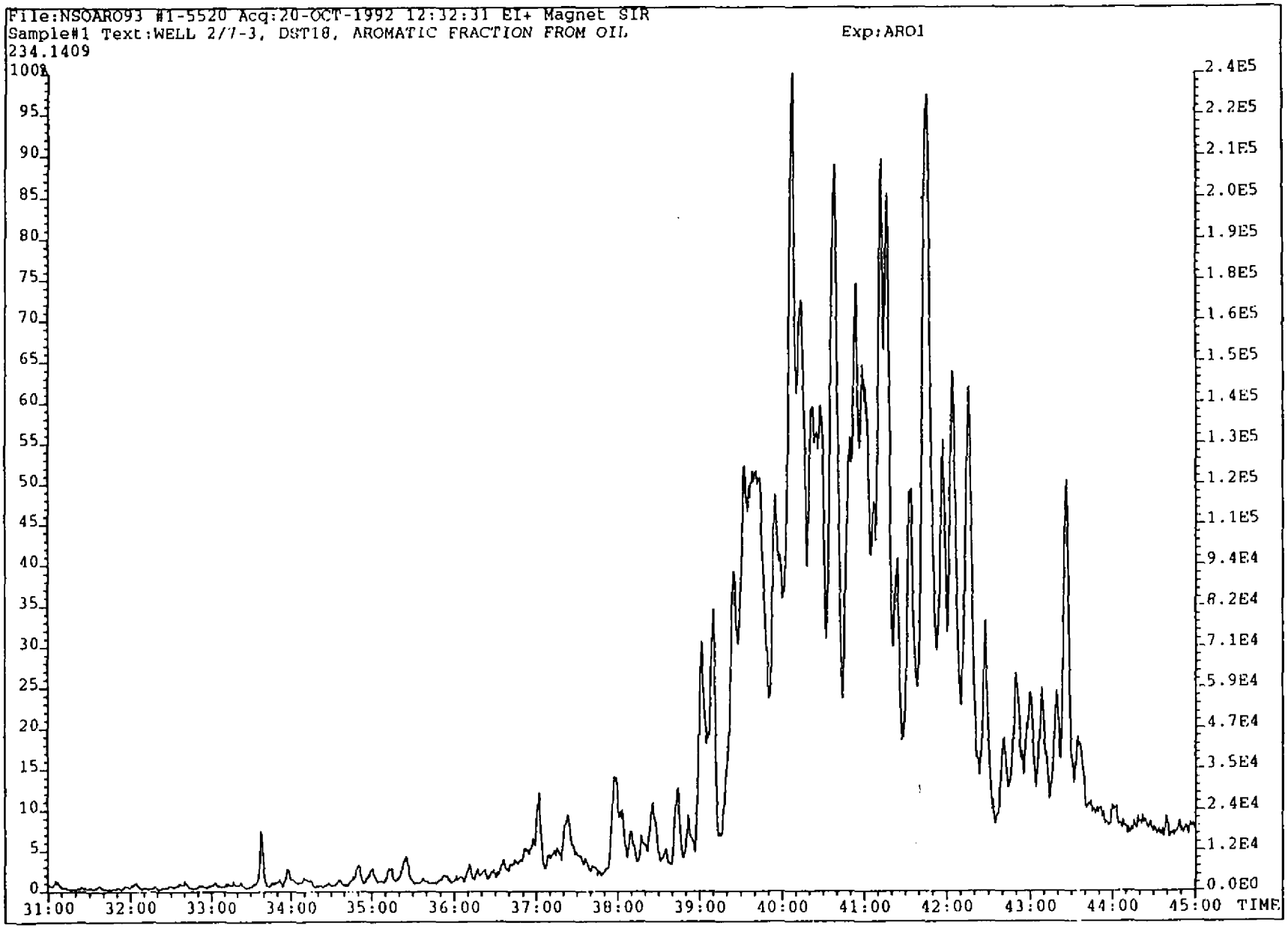
GEOLAB NOR

EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 234 C_4 PHENANTHRENES





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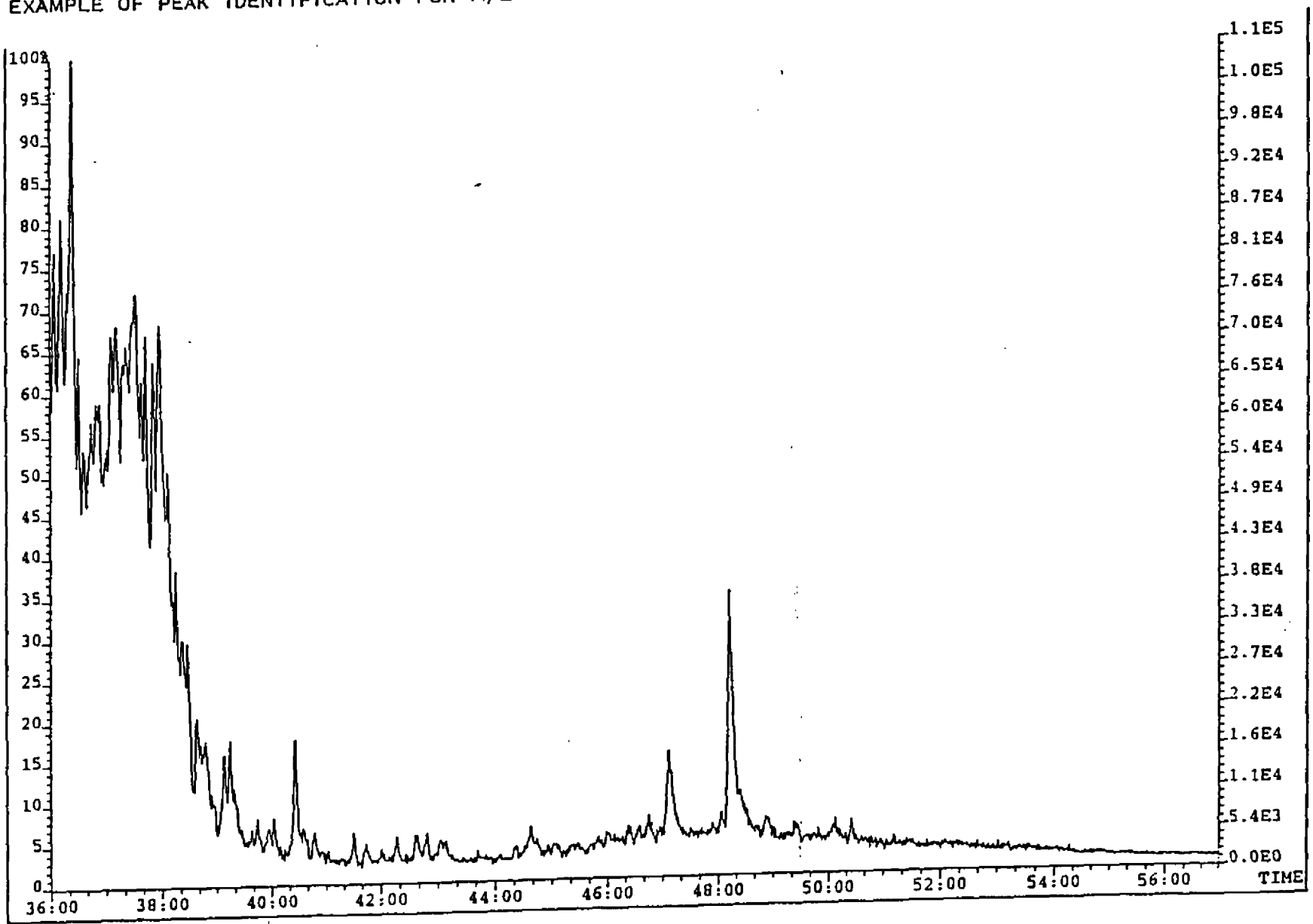
EXAMPLE OF PEAK IDENTIFICATION FOR M/Z 252 BENZPYRENES AND PERYLENES



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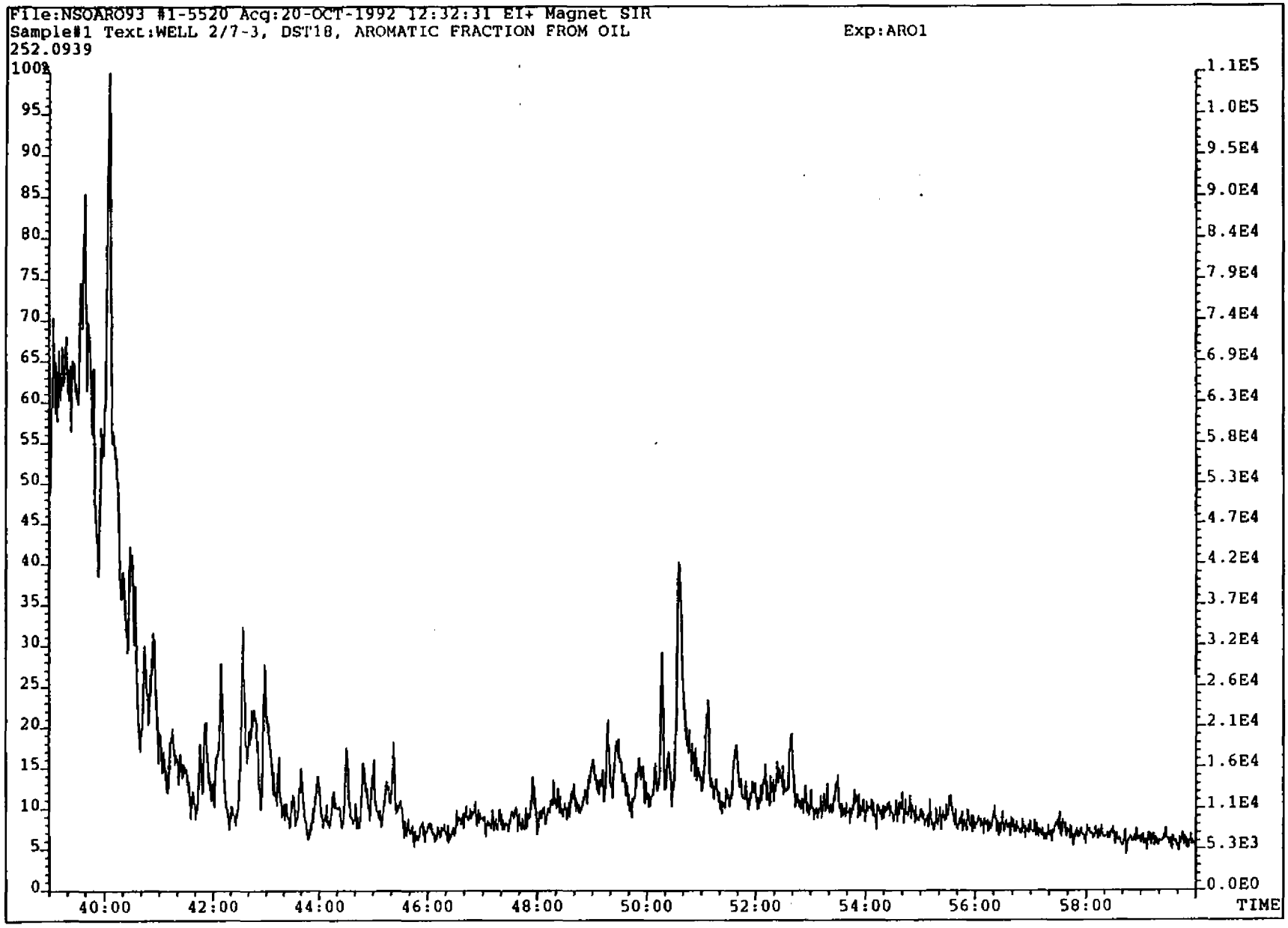
GEOLAB NOR



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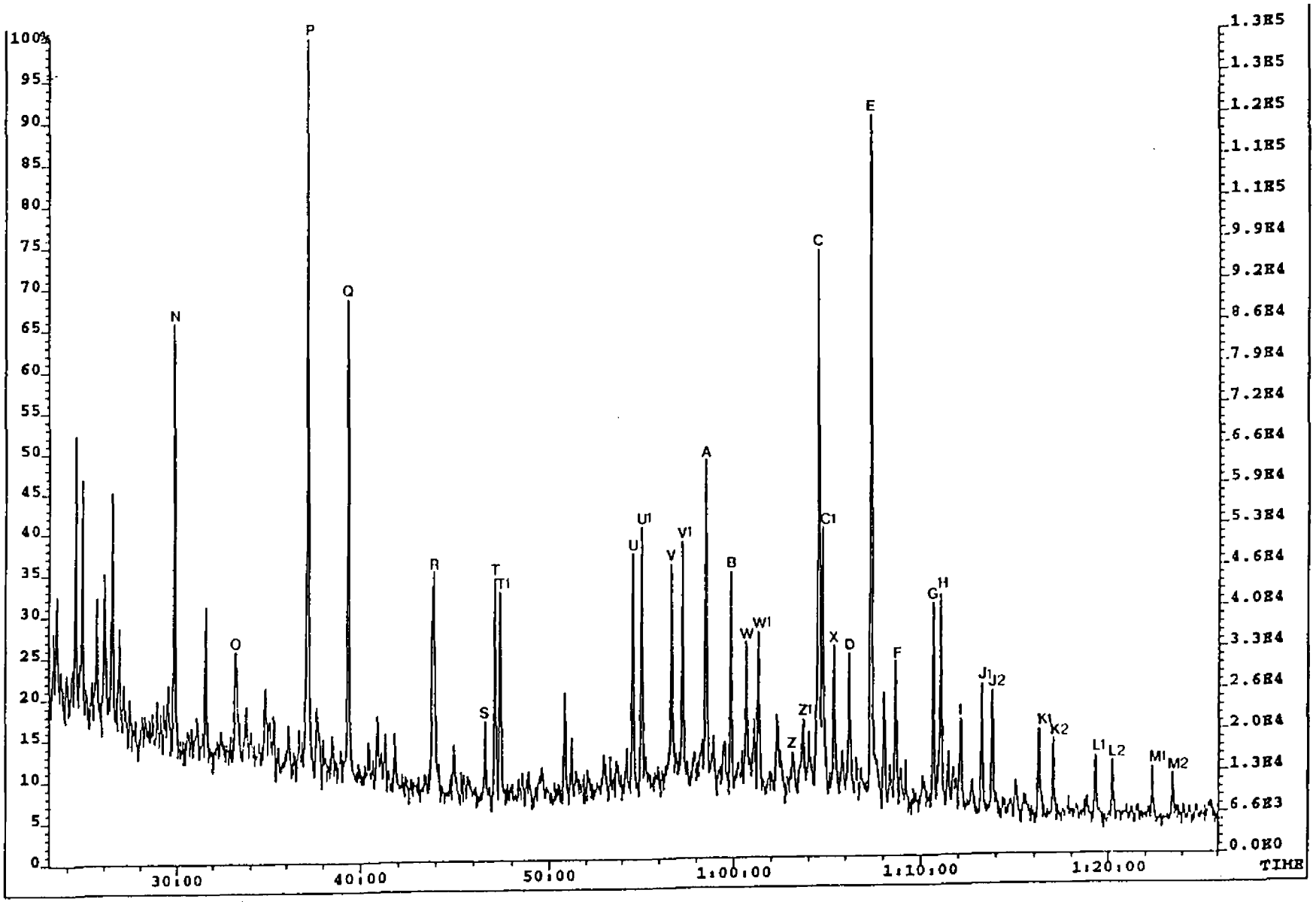
FRAGMENTOGRAMS

Saturated Fraction from oil (MRM)

EXEMPEL OF PEAK IDENTIFICATION FOR TRITERPANES (MRM) MASS 191.1800 191.1800 — 191.1800



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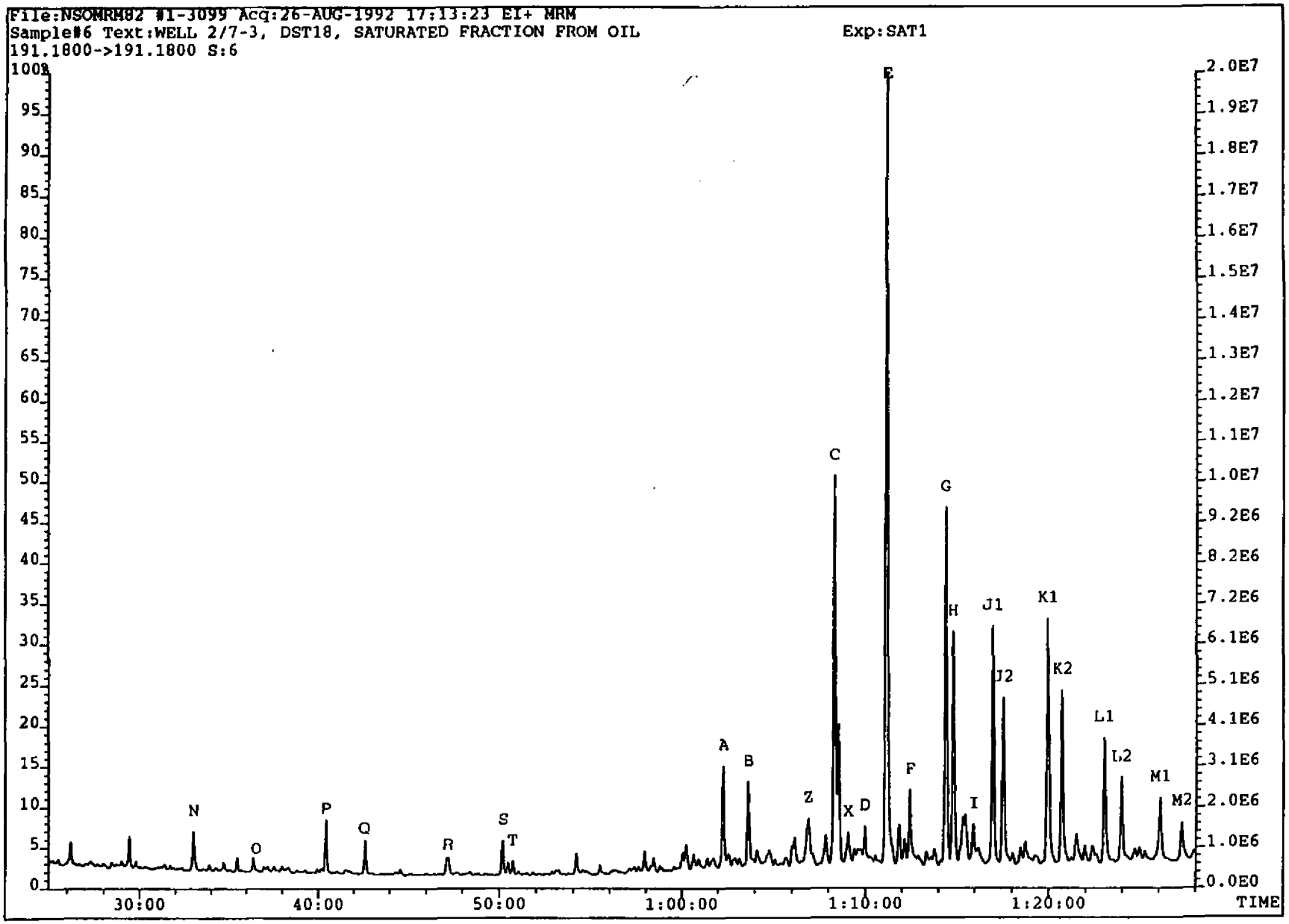
GEOLAB NOR



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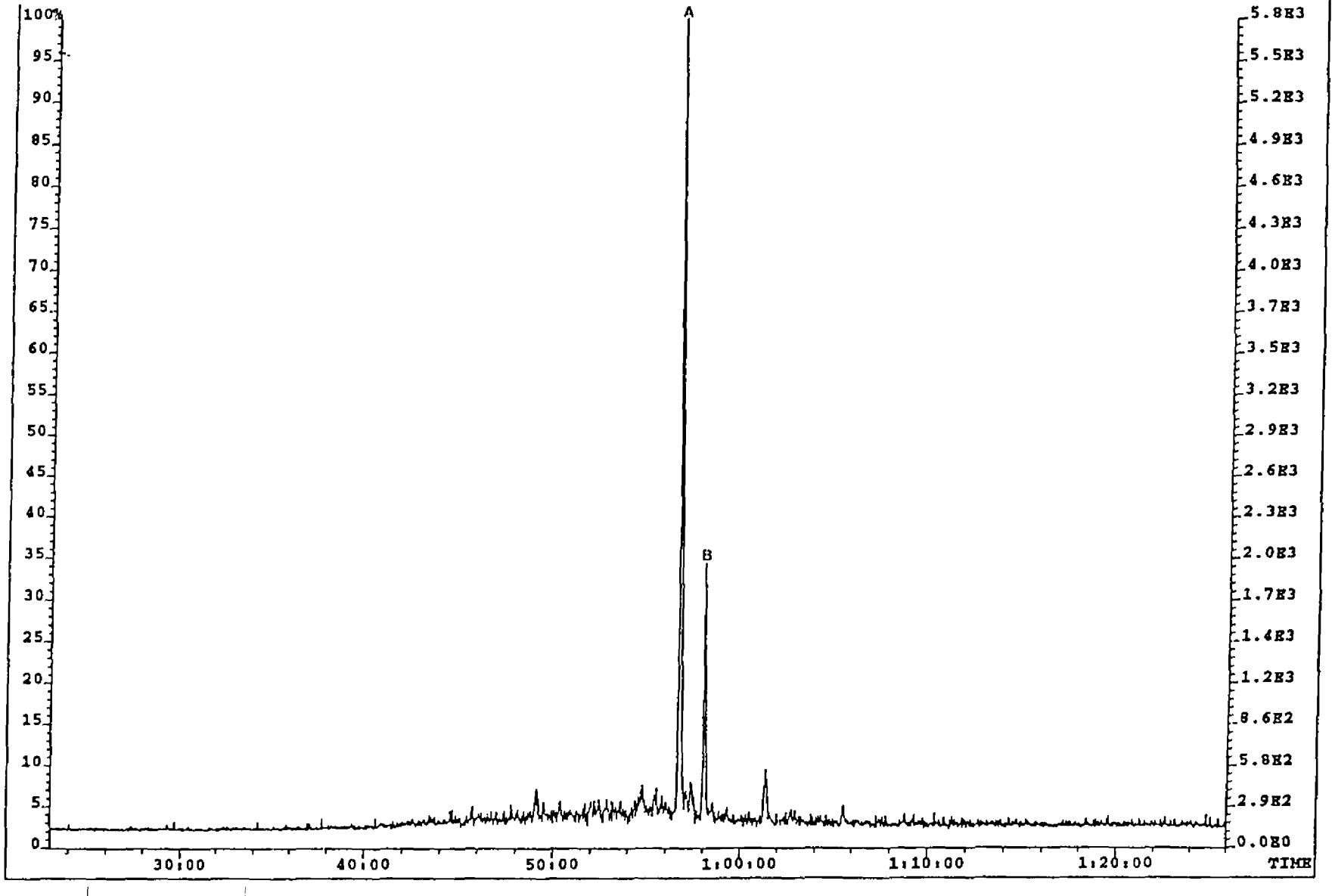
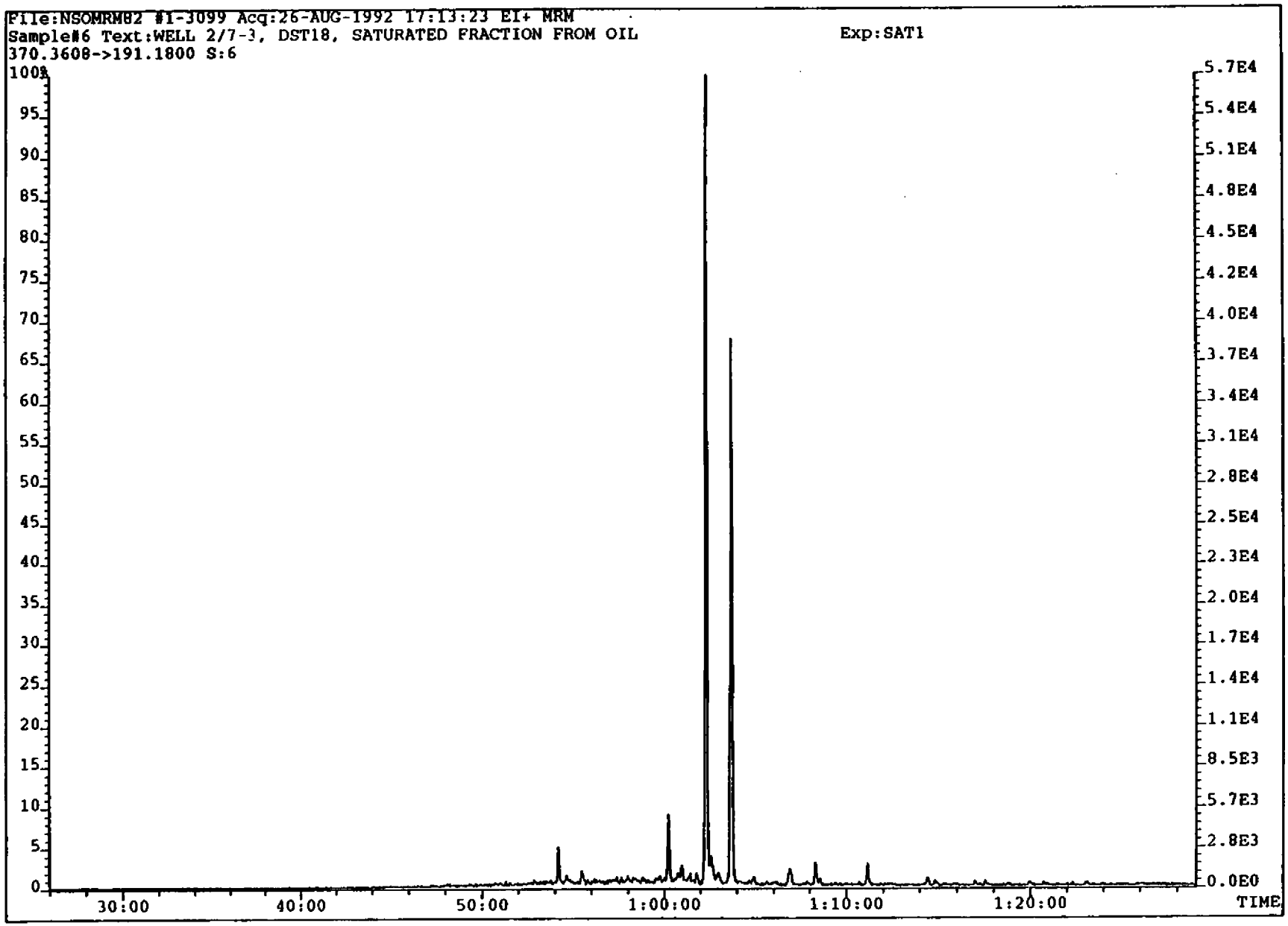
EXEMPEL OF PEAK IDENTIFICATION FOR C_{27} HOPANES (MRM) MASS 98.6870 370.3608 --191.1800





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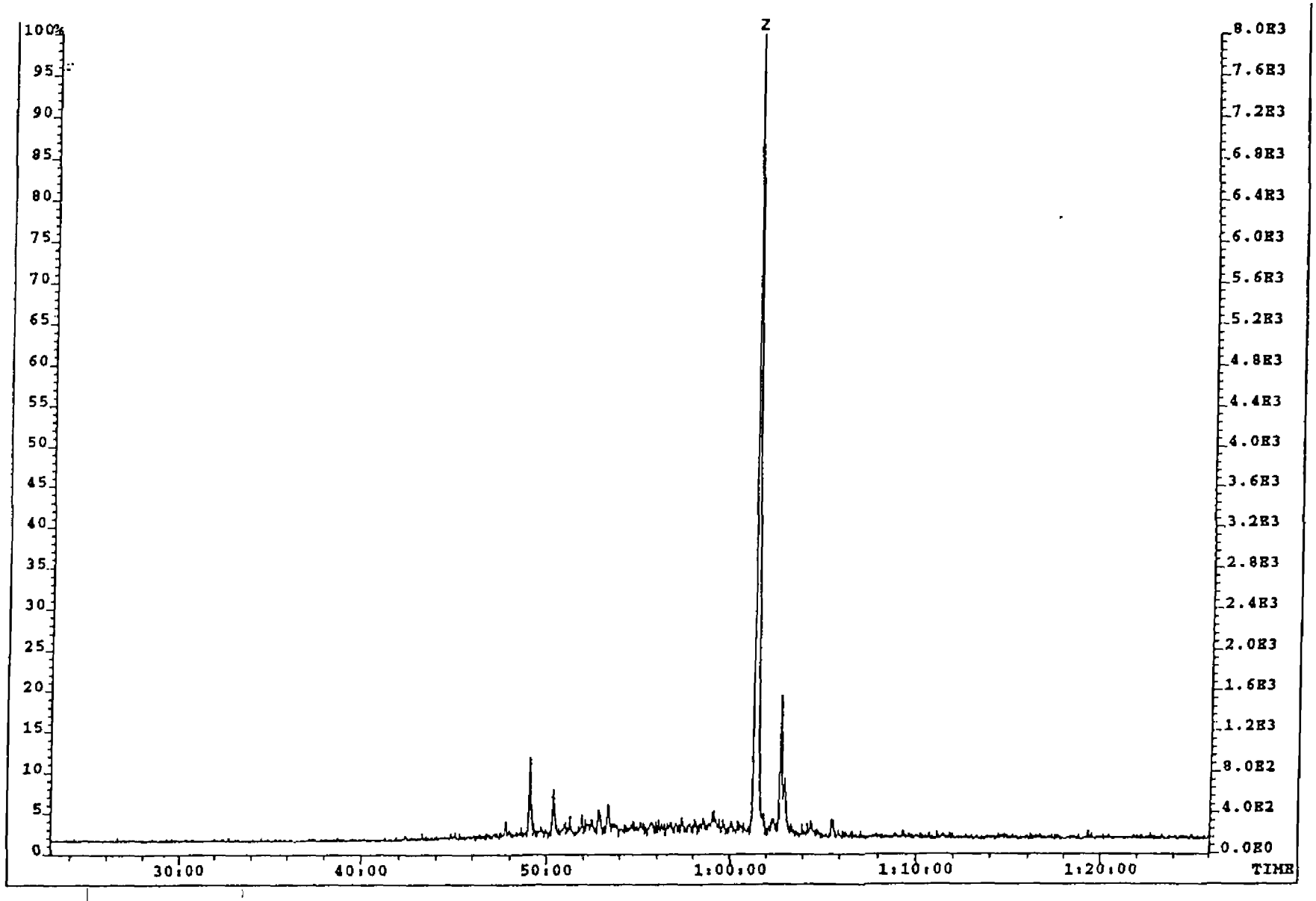
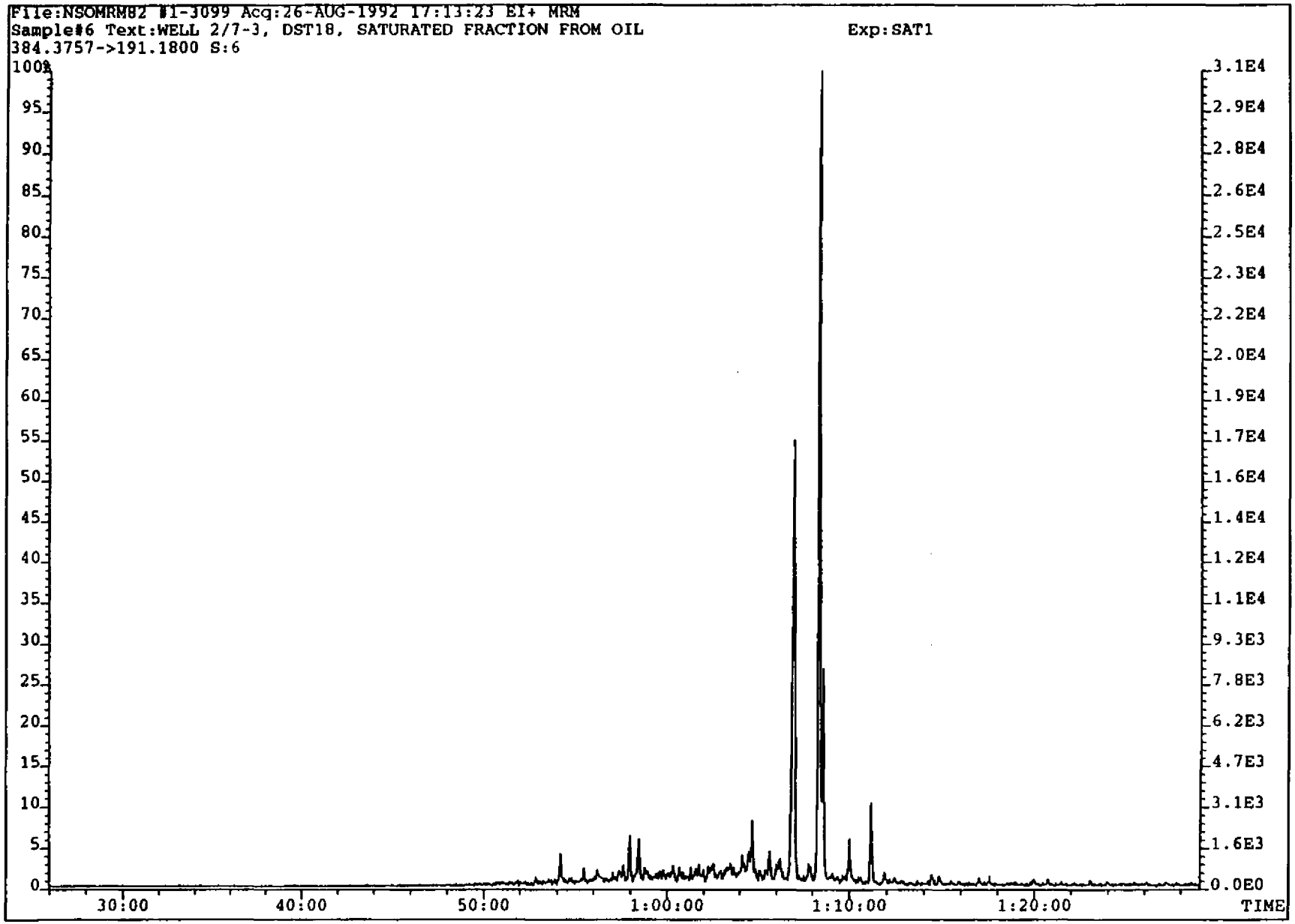
GEOLAB NOR

EXEMPLE OF PEAK IDENTIFICATION FOR C_{28} HOPANES (MRM) MASS 95.0887 384.3757 — 191.1800





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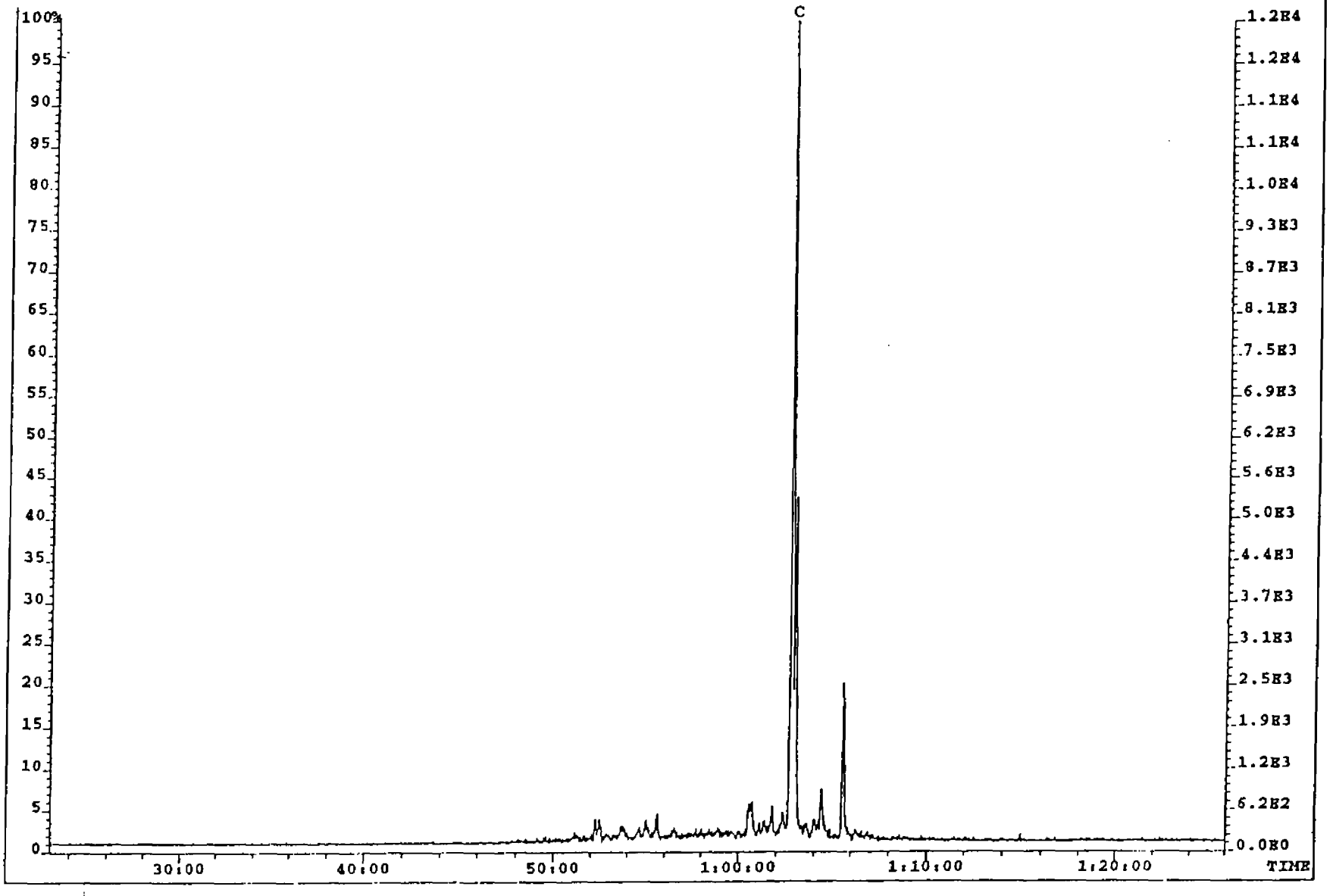
EXEMPEL OF PEAK IDENTIFICATION FOR C_{29} HOPANES (MRM) MASS 91.7434 398.3914 → 191.1800



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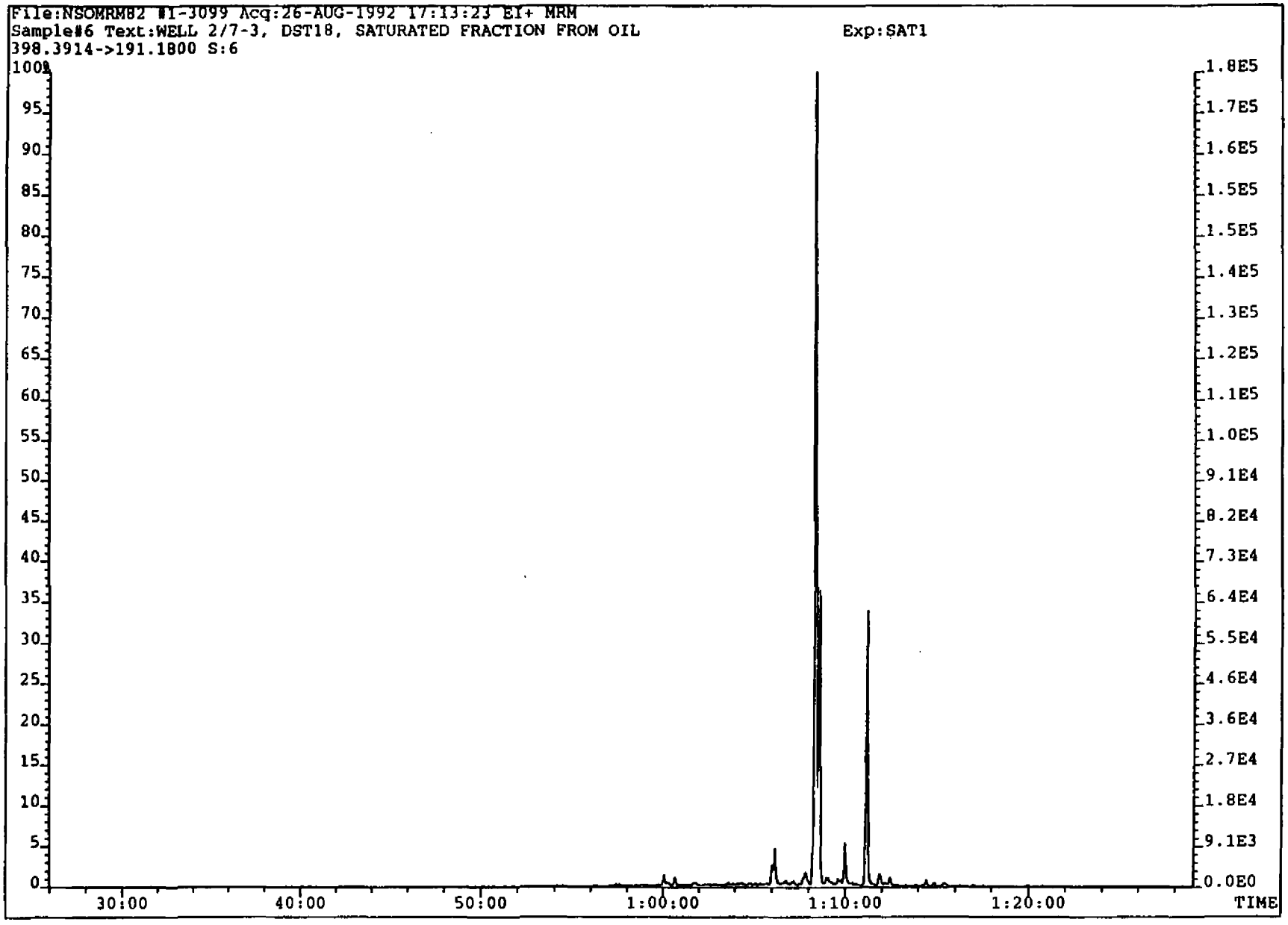
GEOLAB NOR



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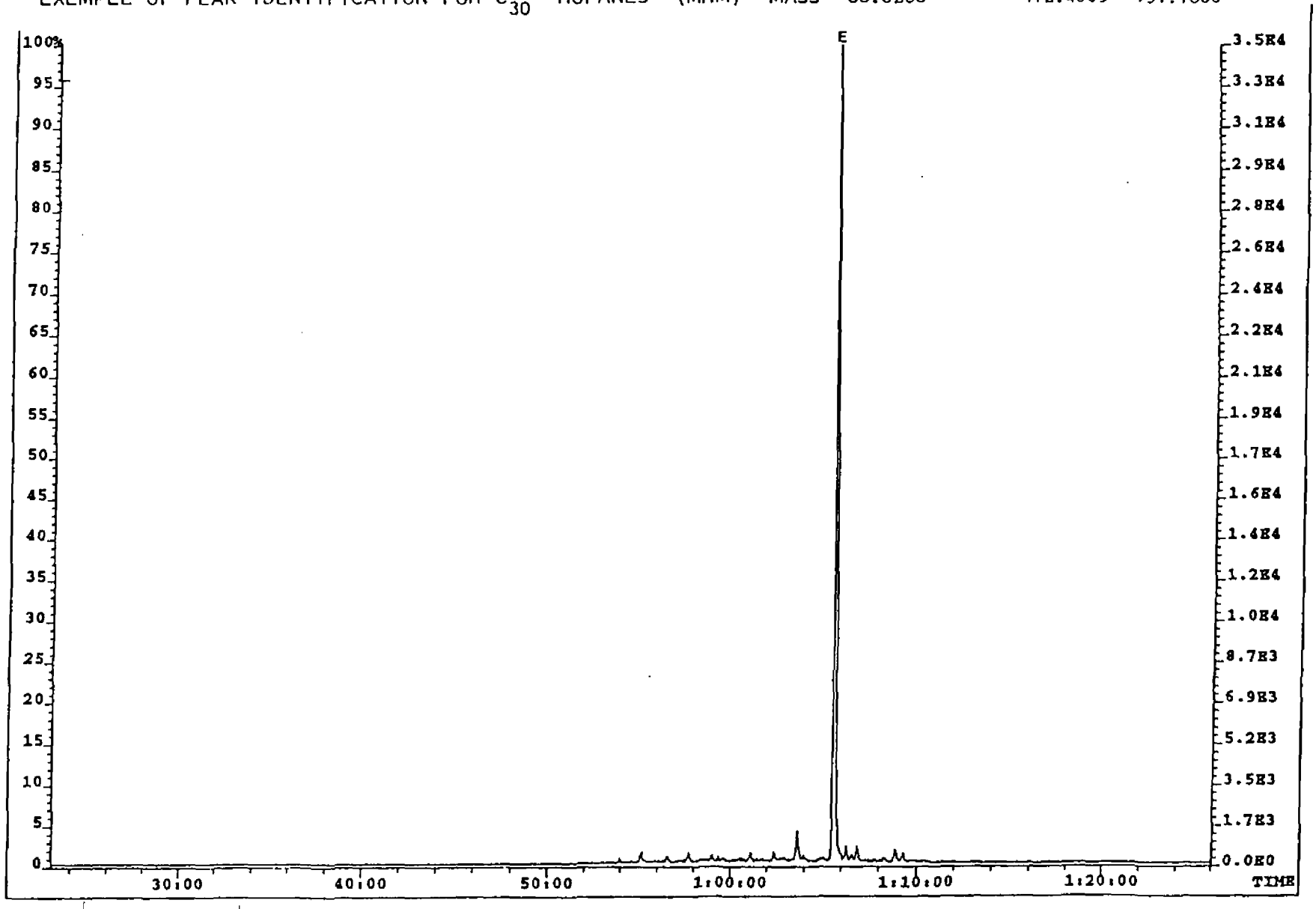
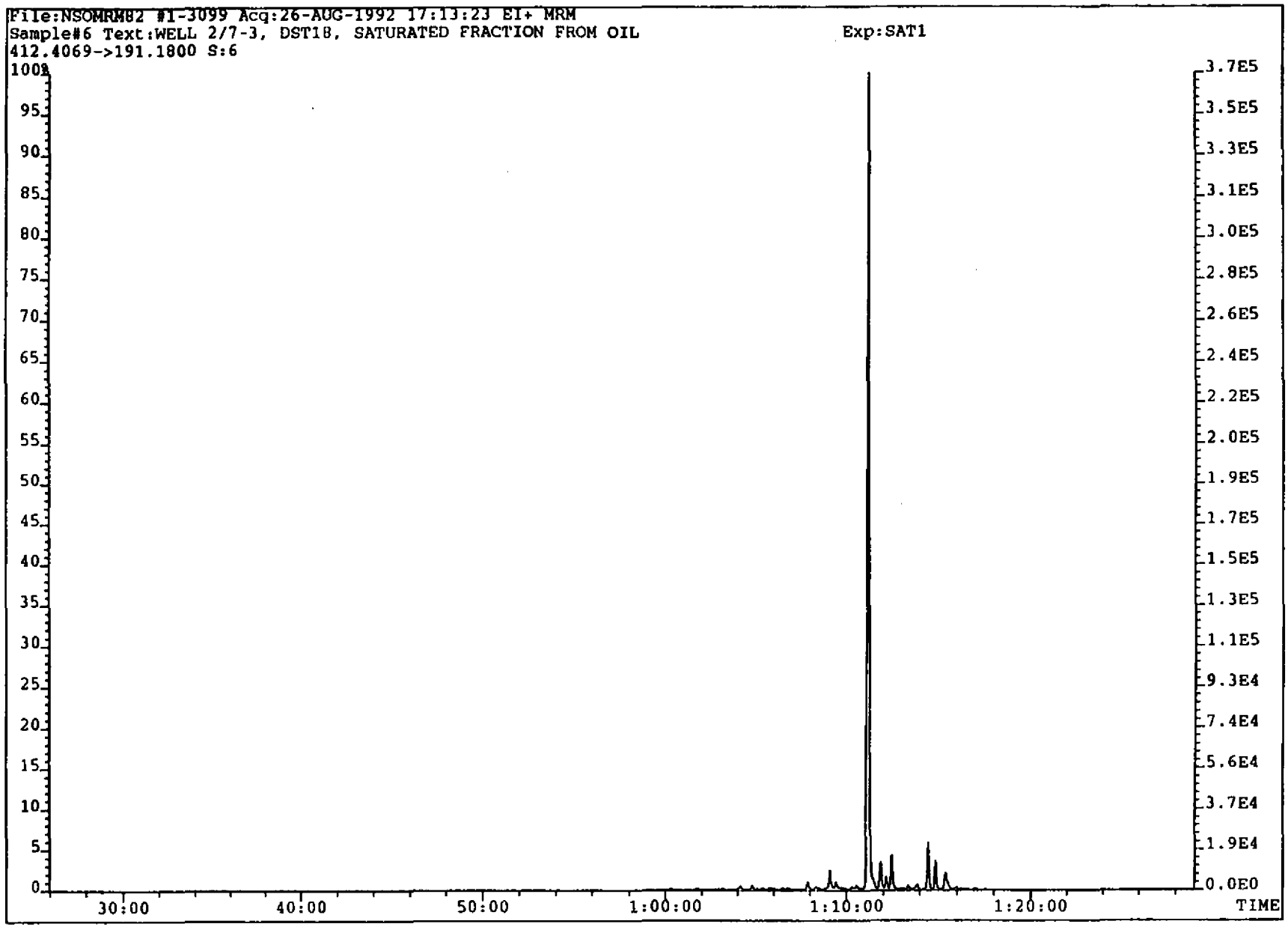
GEOLAB NOR

EXEMPEL OF PEAK IDENTIFICATION FOR C_{30} HOPANES (MRM) MASS 88.6256 412.4069 — 191.1800





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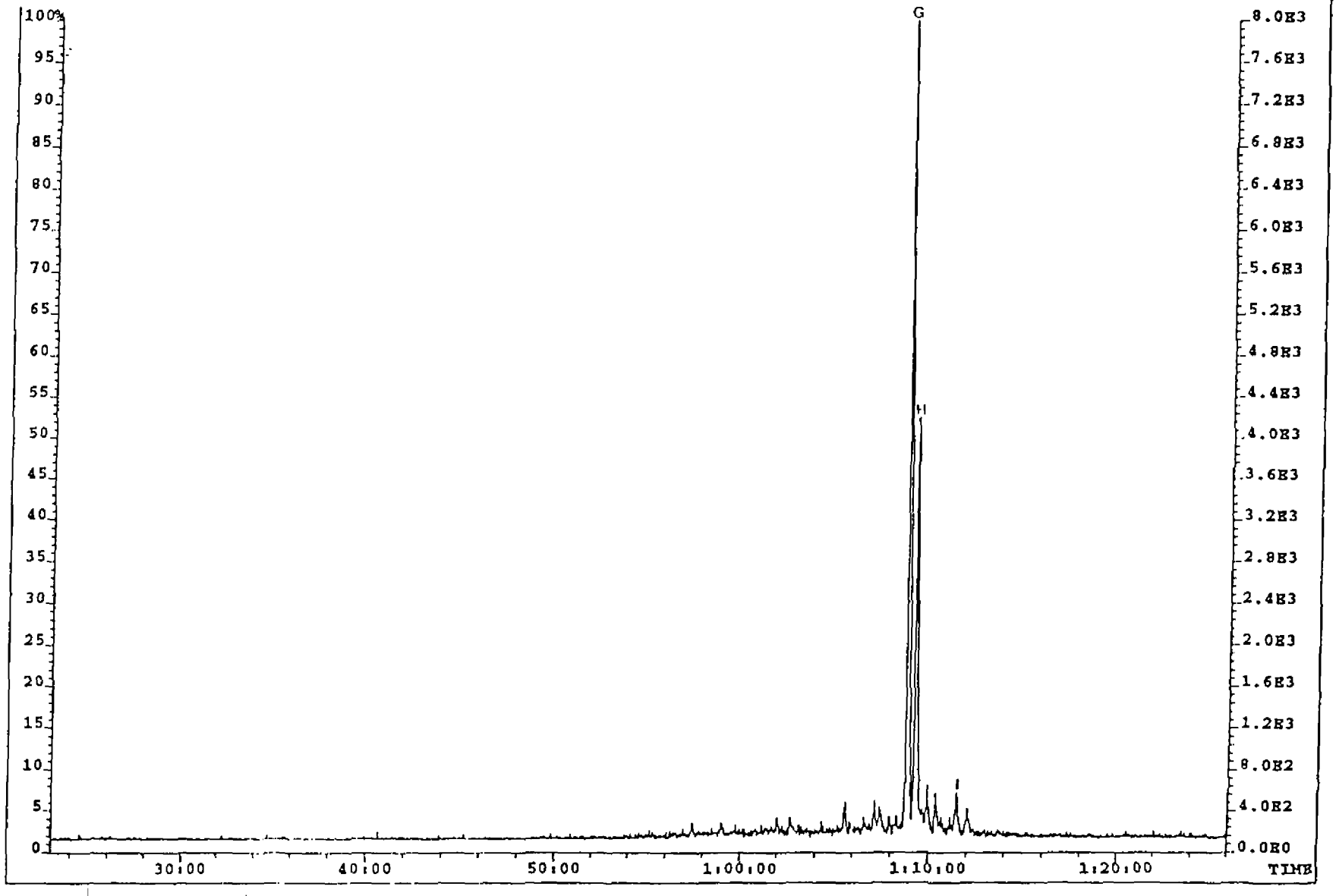
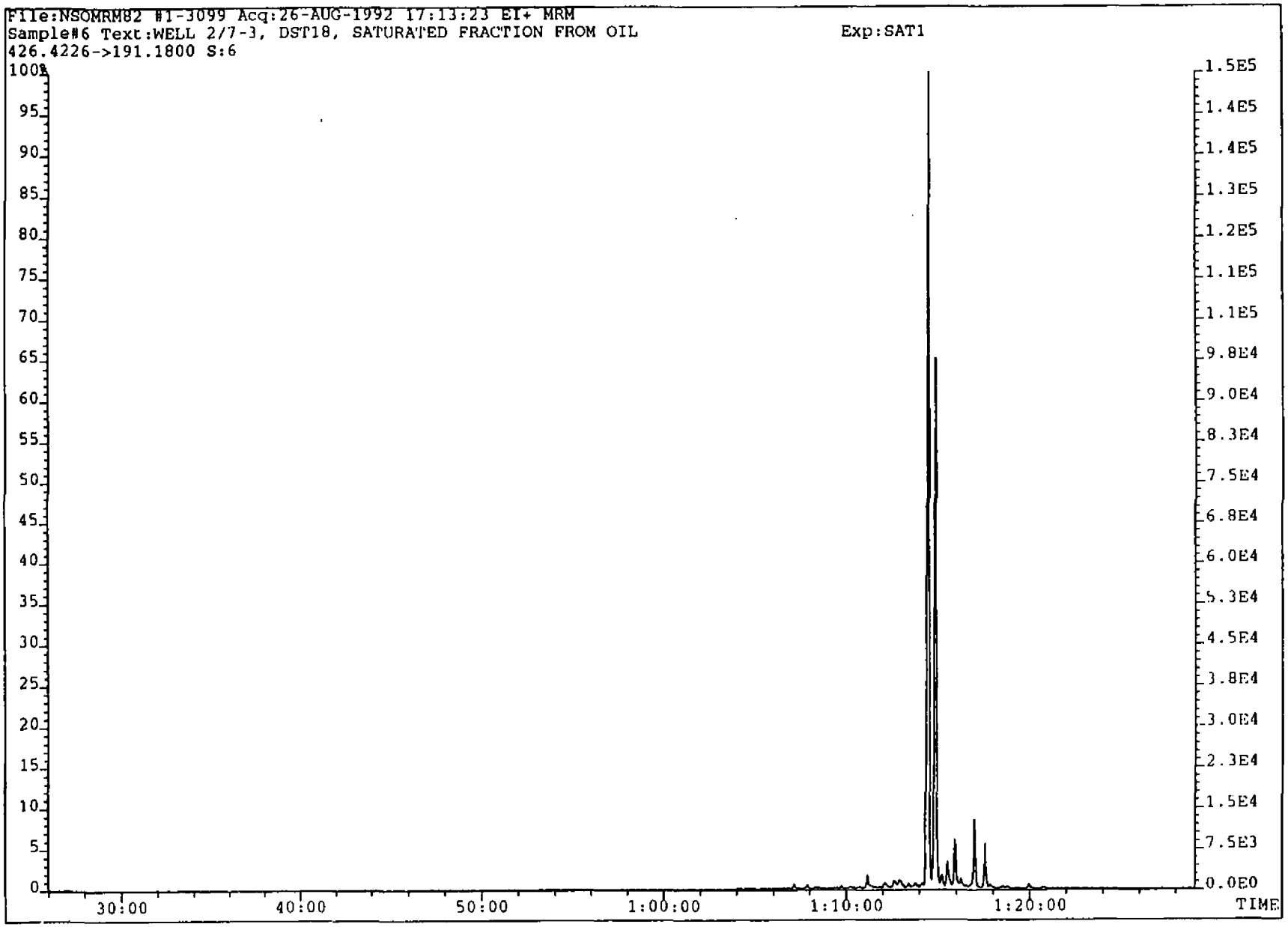
EXEMPEL OF PEAK IDENTIFICATION FOR C_{31} HOPANES (MRM) MASS 85.7126 426.4226 → 191.1800

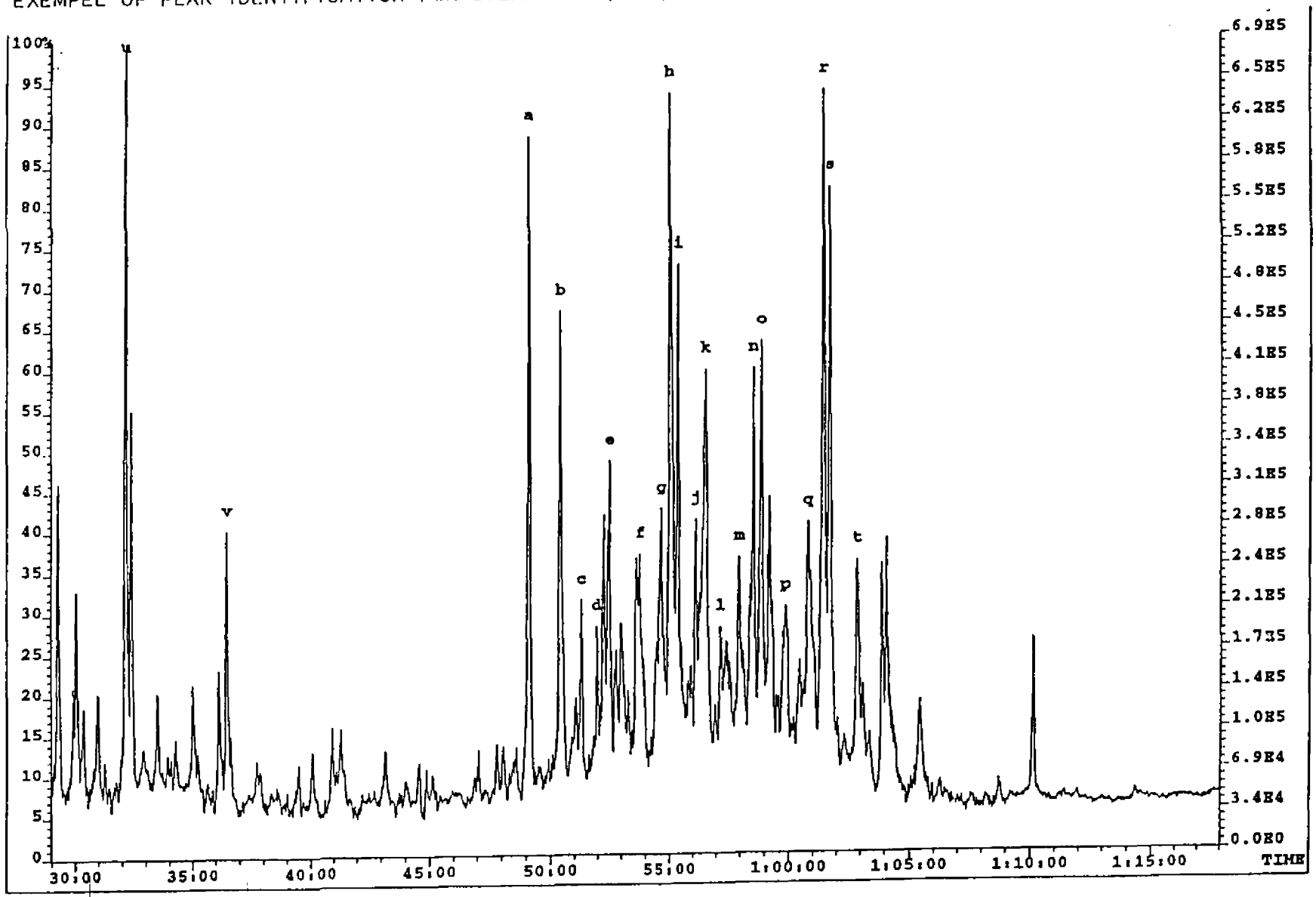




Schlumberger GECO-PRAKLA

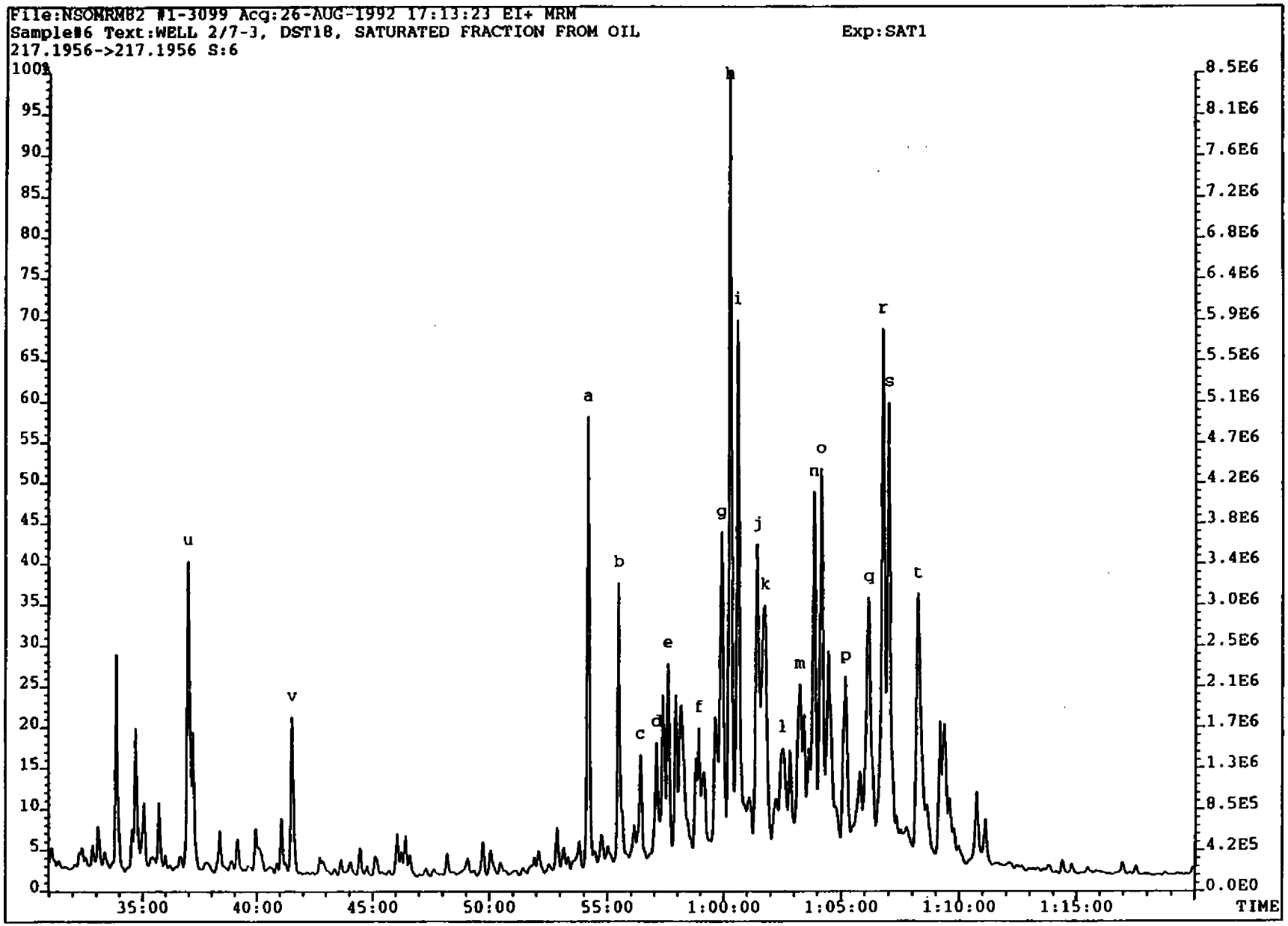
GEOLAB NOR

EXEMPEL OF PEAK IDENTIFICATION FOR STERANES (MRM) MASS 217.1956 217.1956 — 217.1956



Schlumberger GECO-PRAKLA

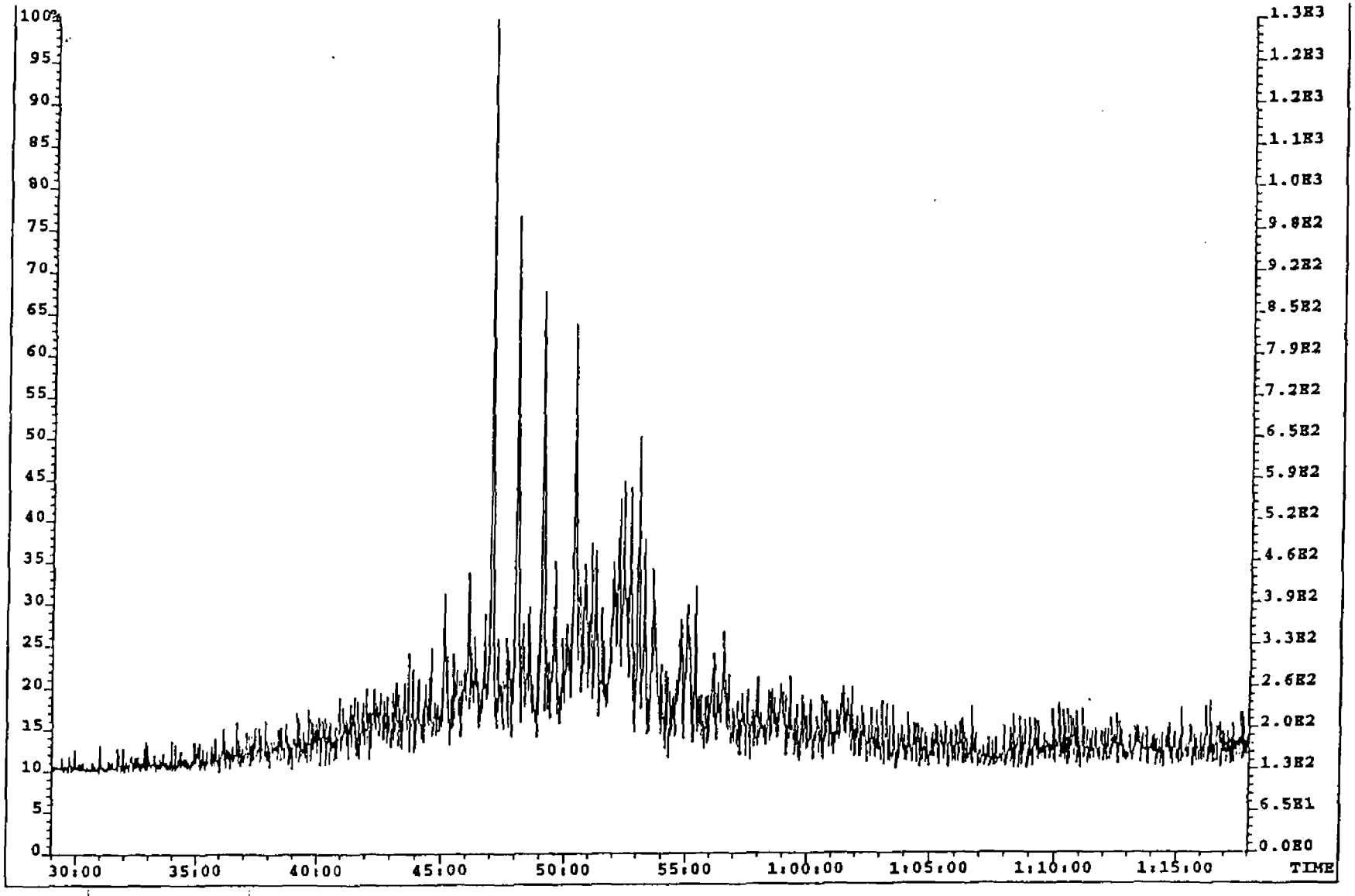
GEOLAB NOR

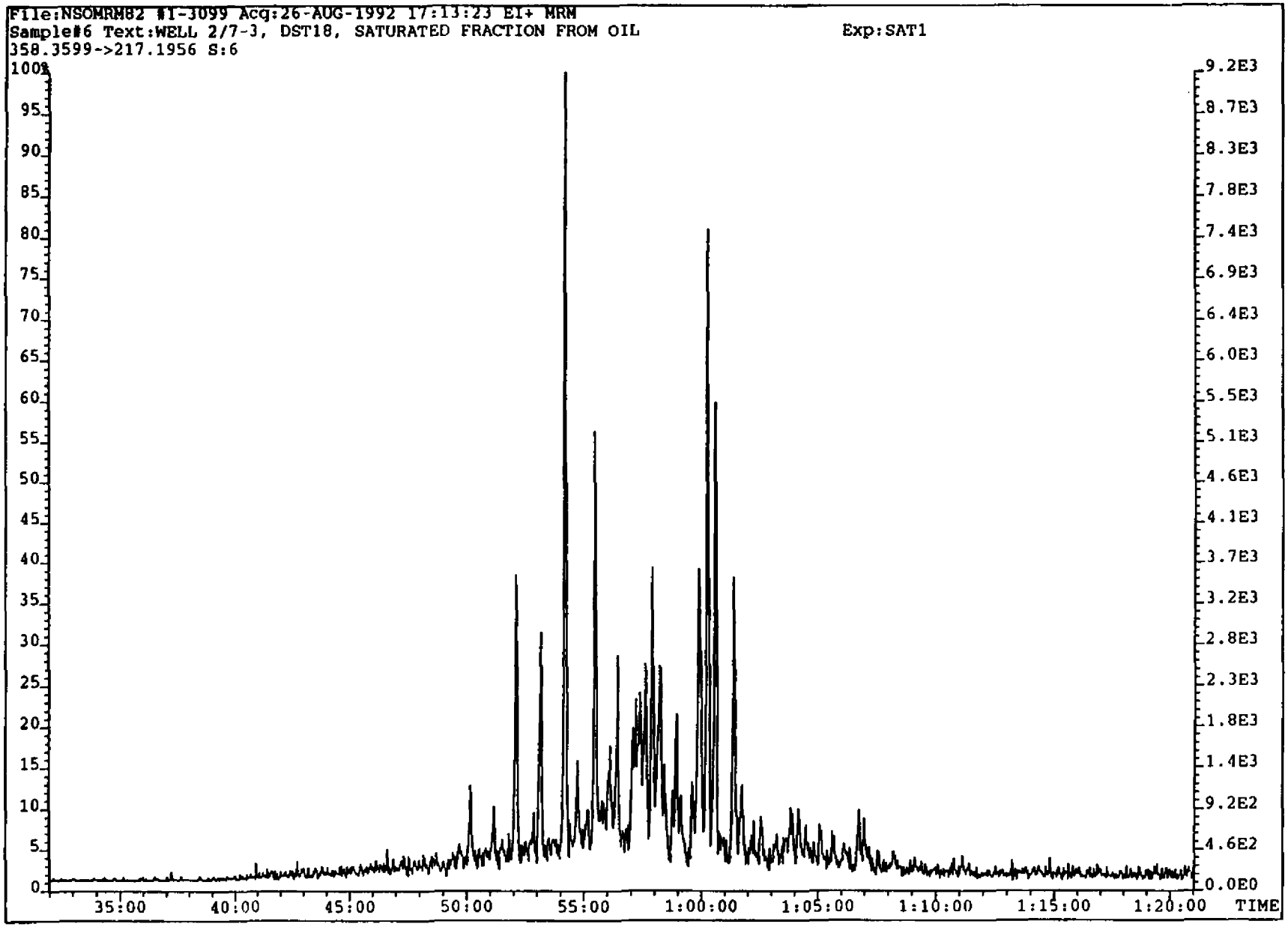


Schlumberger GECO-PRAKLA

GEOLAB NOR

EXEMPEL OF PEAK IDENTIFICATION FOR C_{26} STERANES (MRM) MASS 131.6384 358.3599 — 217.1956

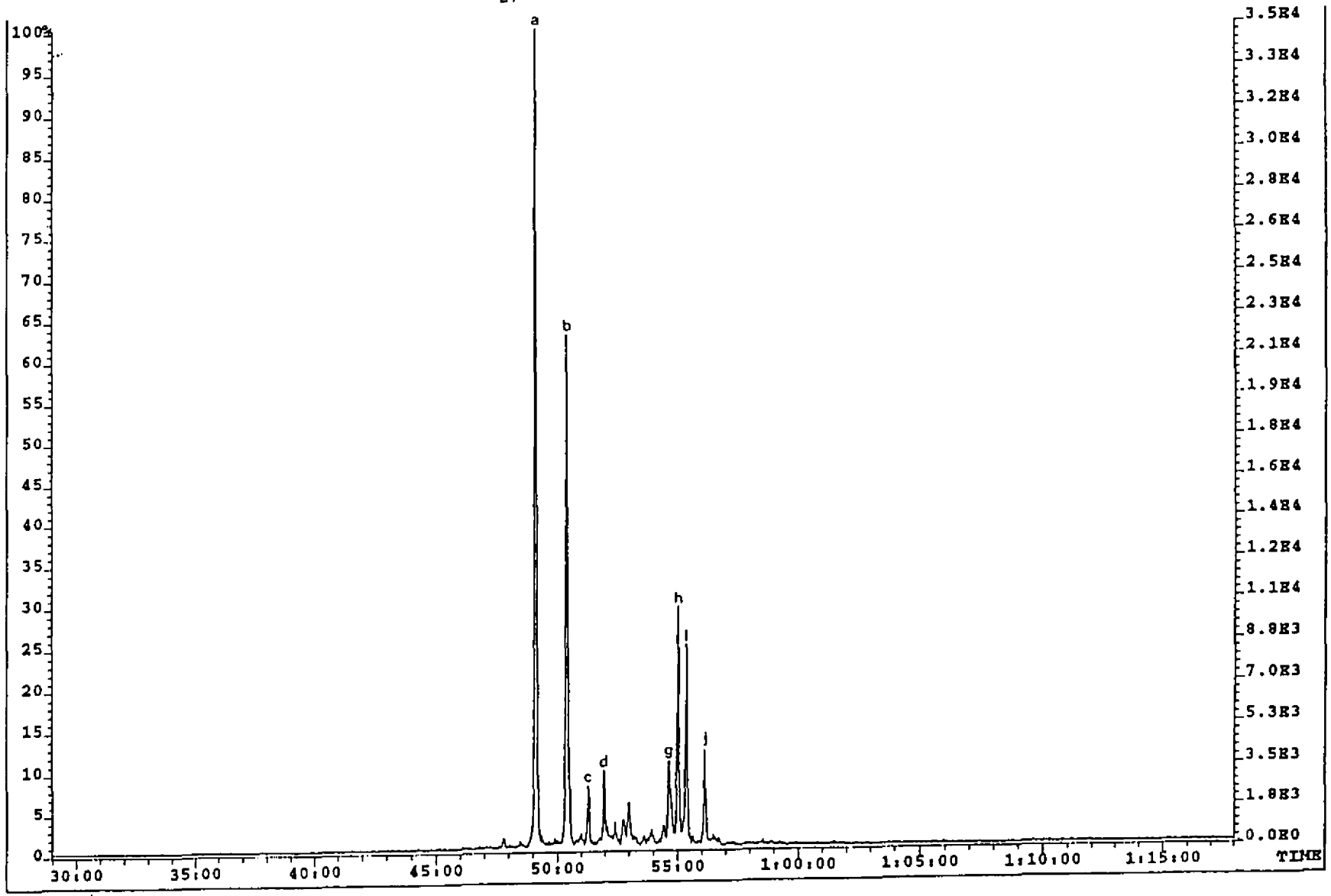




Schlumberger GECO-PRAKLA

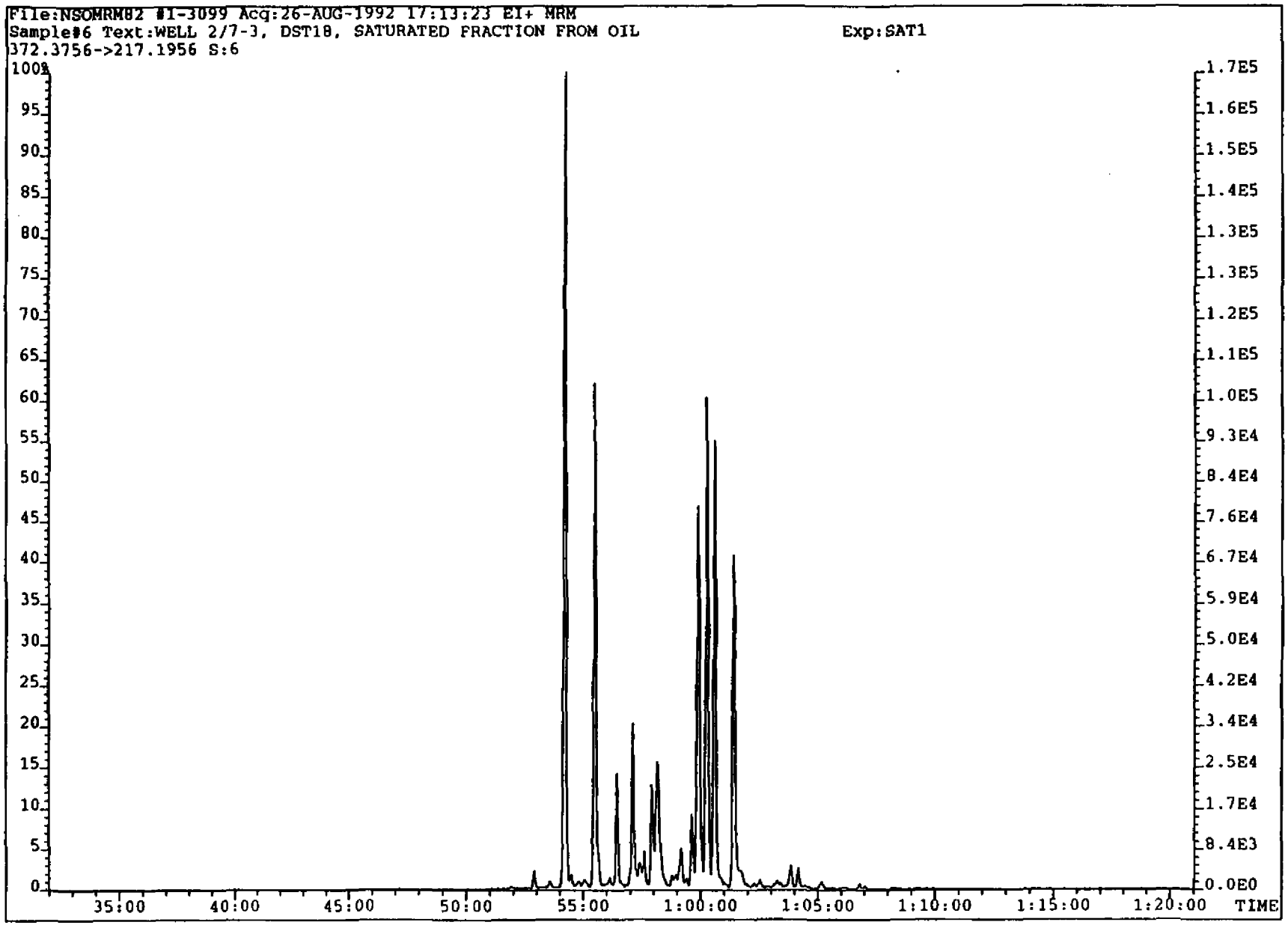
GEOLAB NOR

EXEMPEL OF PEAK IDENTIFICATION FOR C_{27} STERANES (MRM) MASS 126.6837 372.3756 -- 217.1956



Schlumberger GECO-PRAKLA

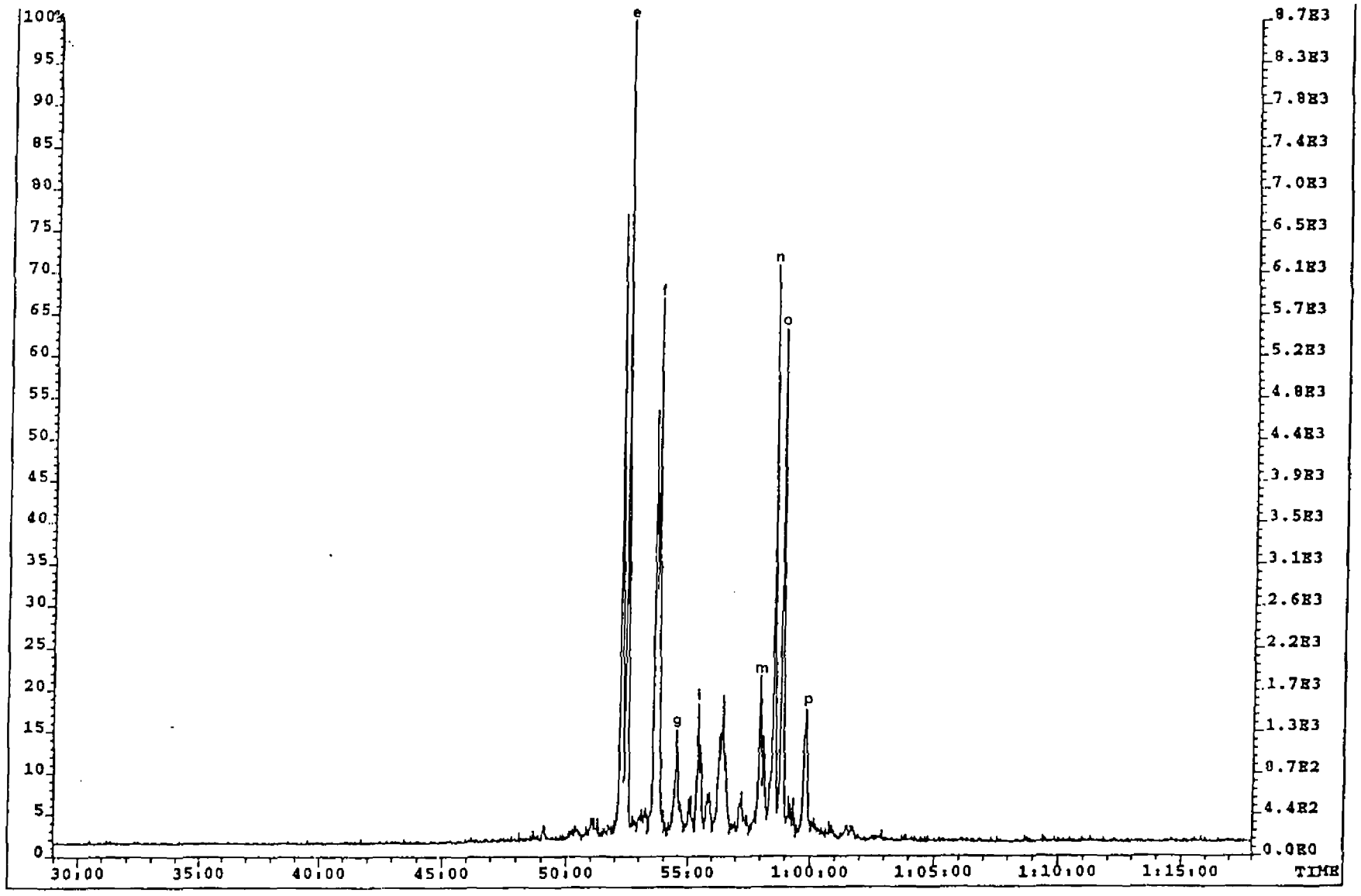
GEOLAB NOR

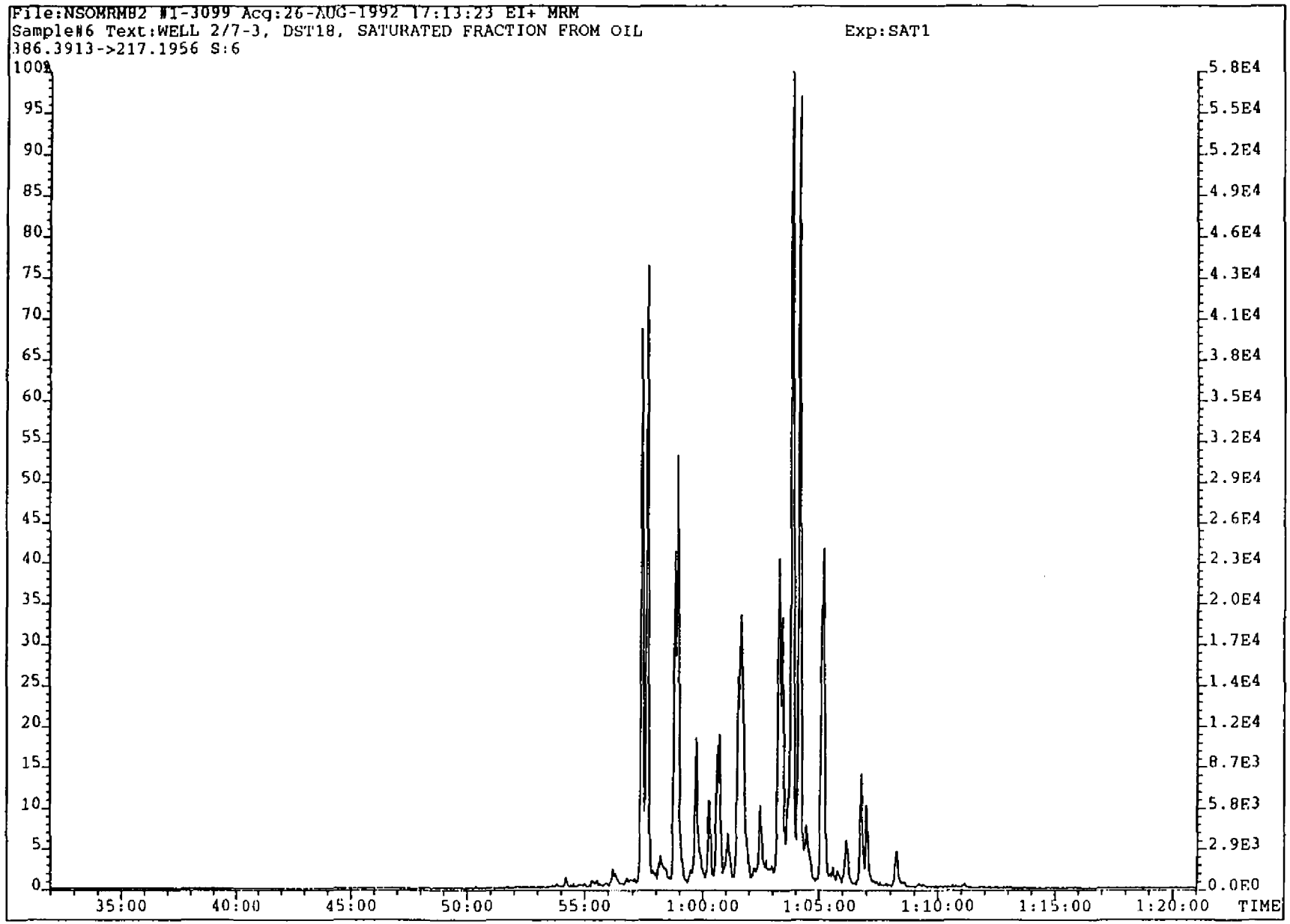


Schlumberger GECO-PRAKLA

GEOLAB NOR

EXEMPEL OF PEAK IDENTIFICATION FOR C_{28} STERANES (MRM) MASS 122.0885 386.3913 — 217.1956





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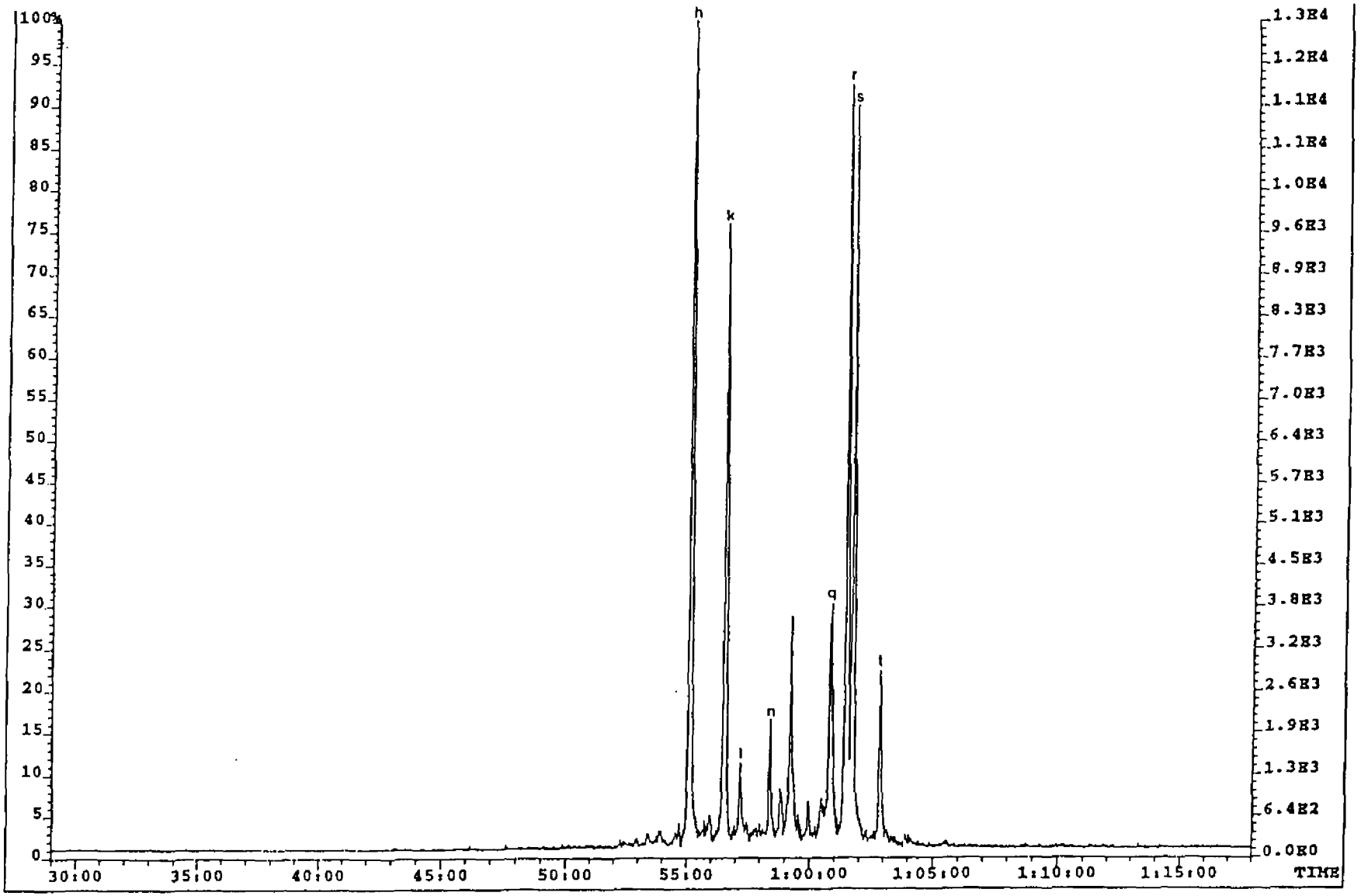
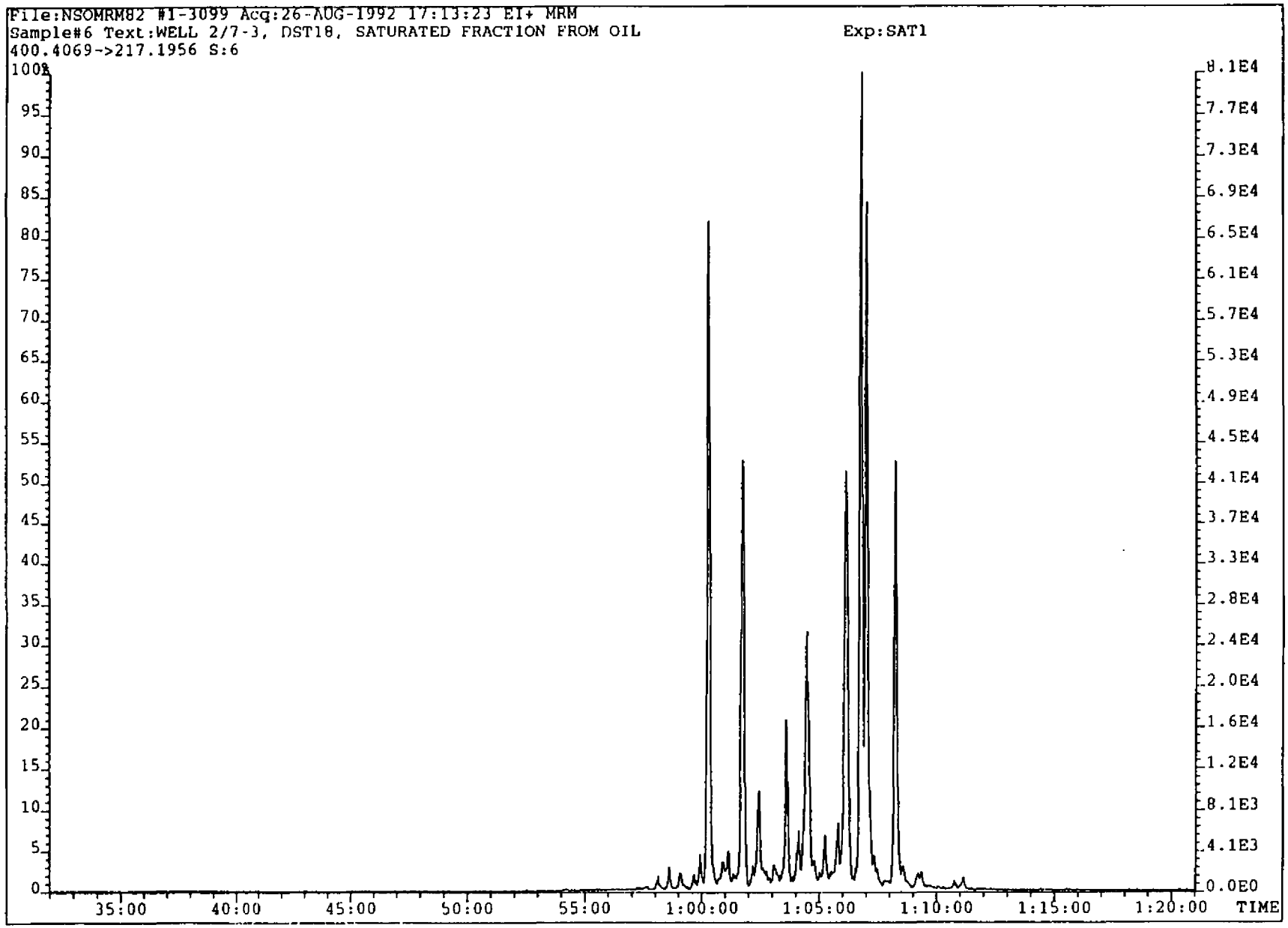
EXEMPEL OF PEAK IDENTIFICATION FOR C_{29} STERANES (MRM) MASS 117.8150 400.4069 → 217.1956





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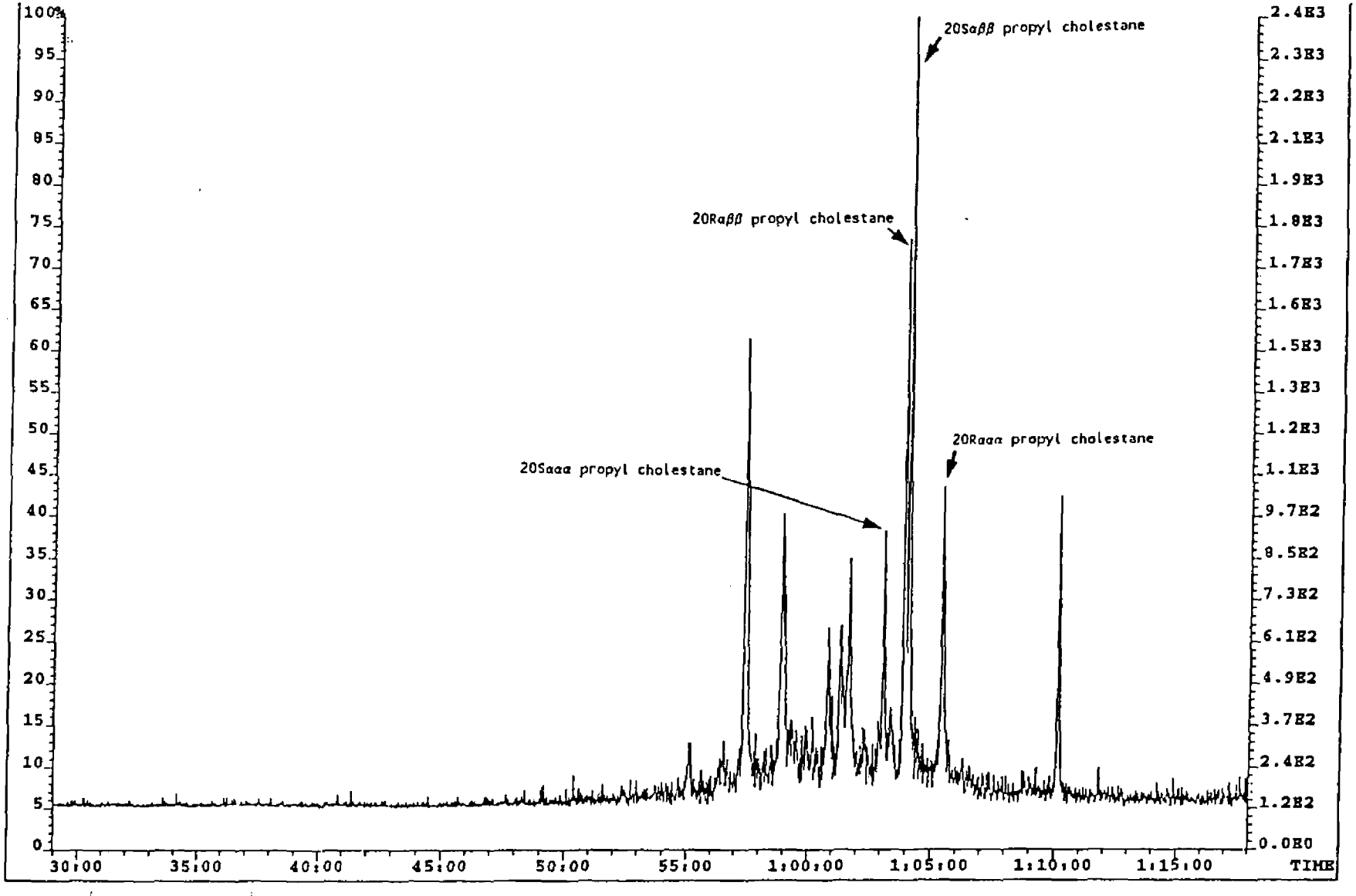
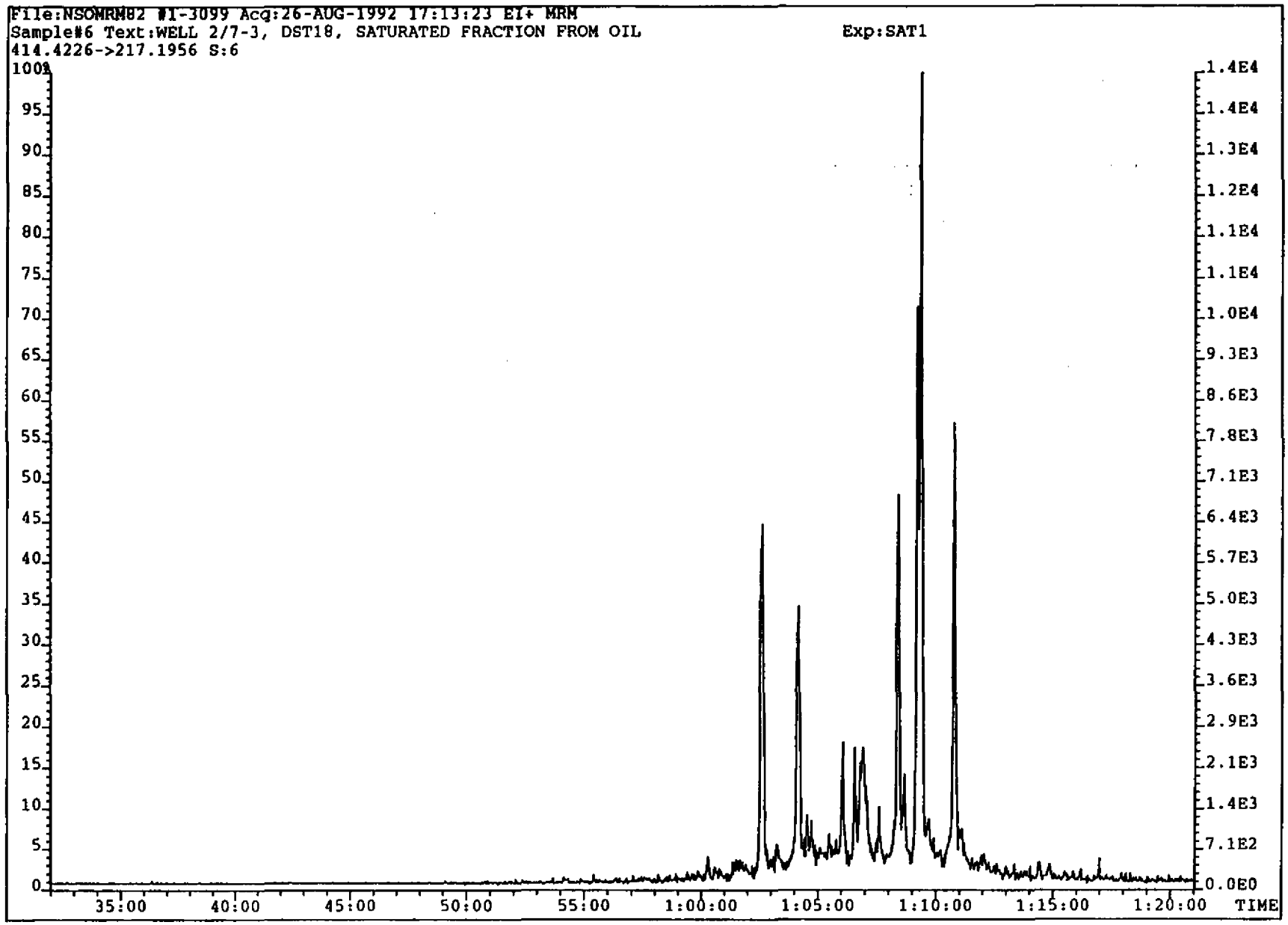
EXEMPEL OF PEAK IDENTIFICATION FOR C_{30} STERANES (MRM) MASS 113.8305 414.4226 — 217.1956





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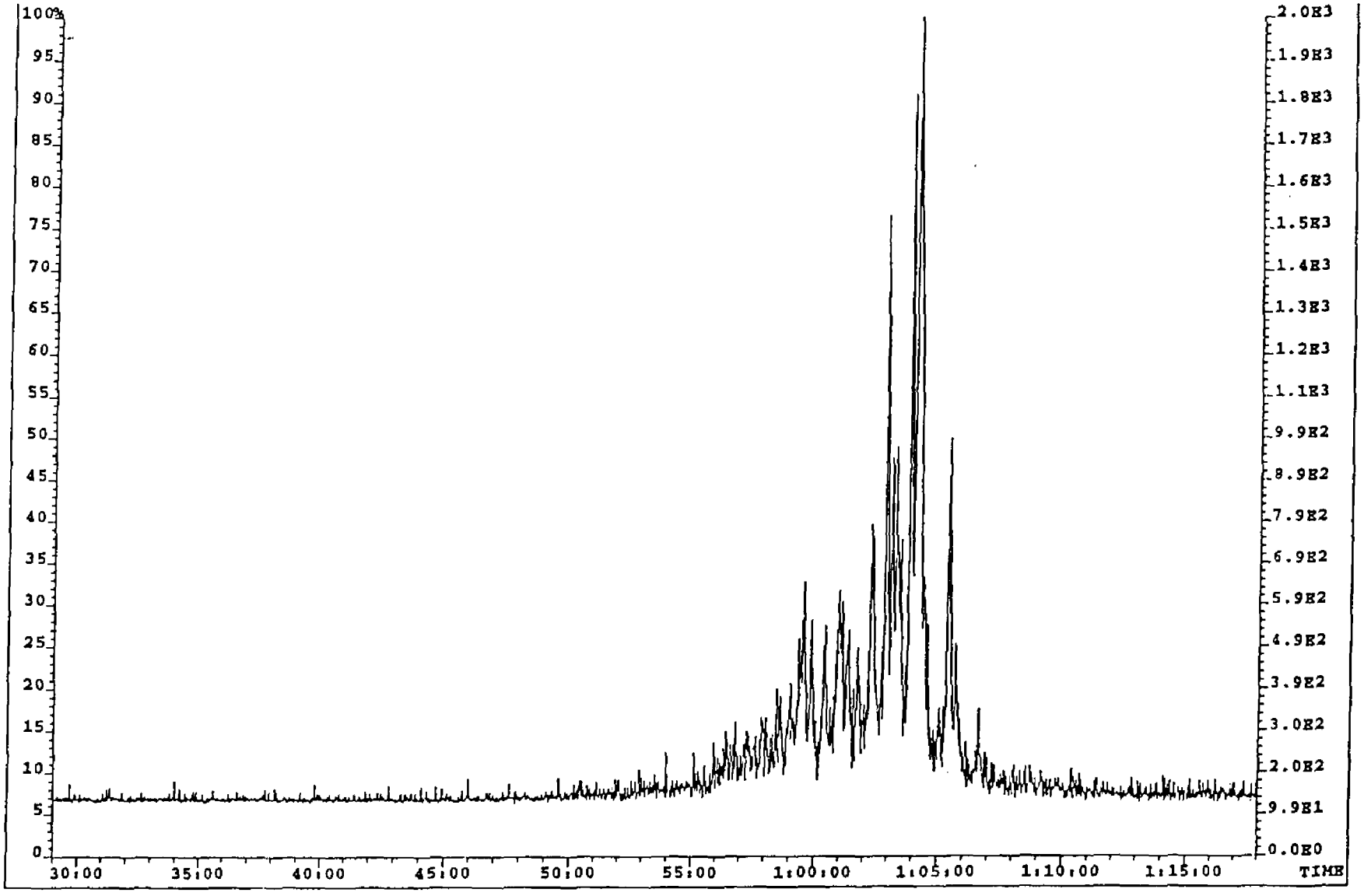
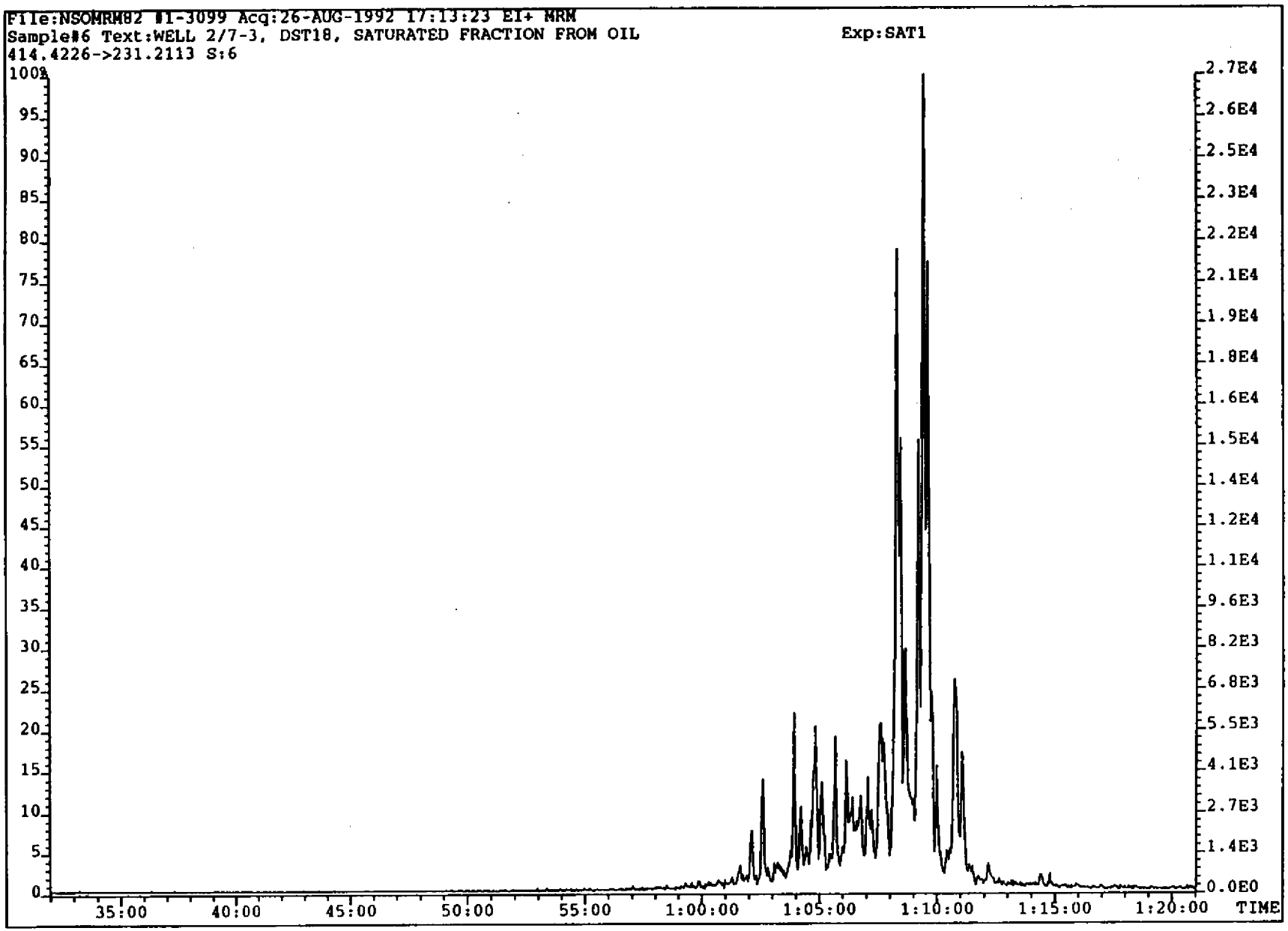
EXEMPEL OF PEAK IDENTIFICATION FOR METHYL STERANES (MRM) MASS 128.9955 414.4226 → 231.2113





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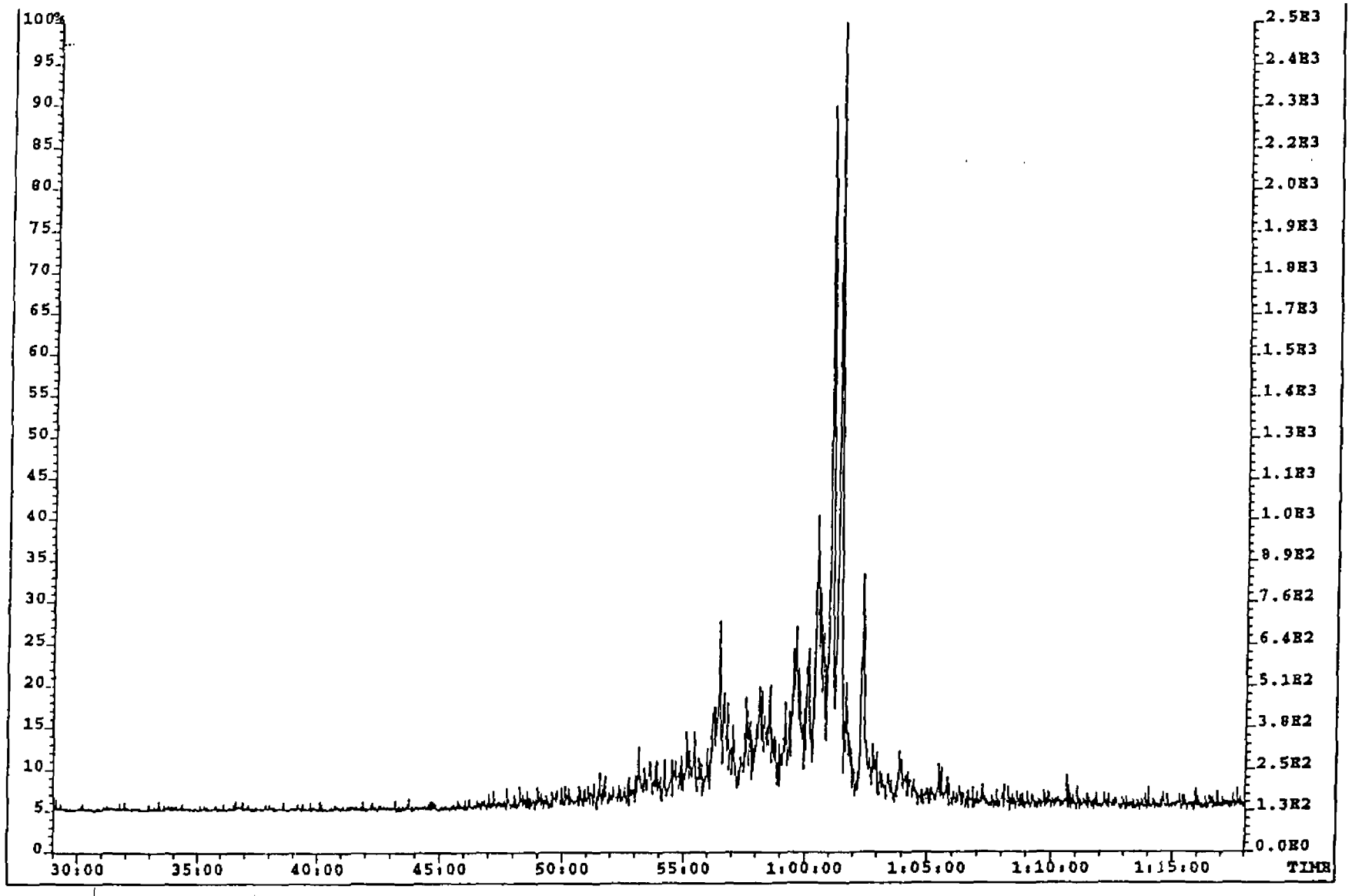
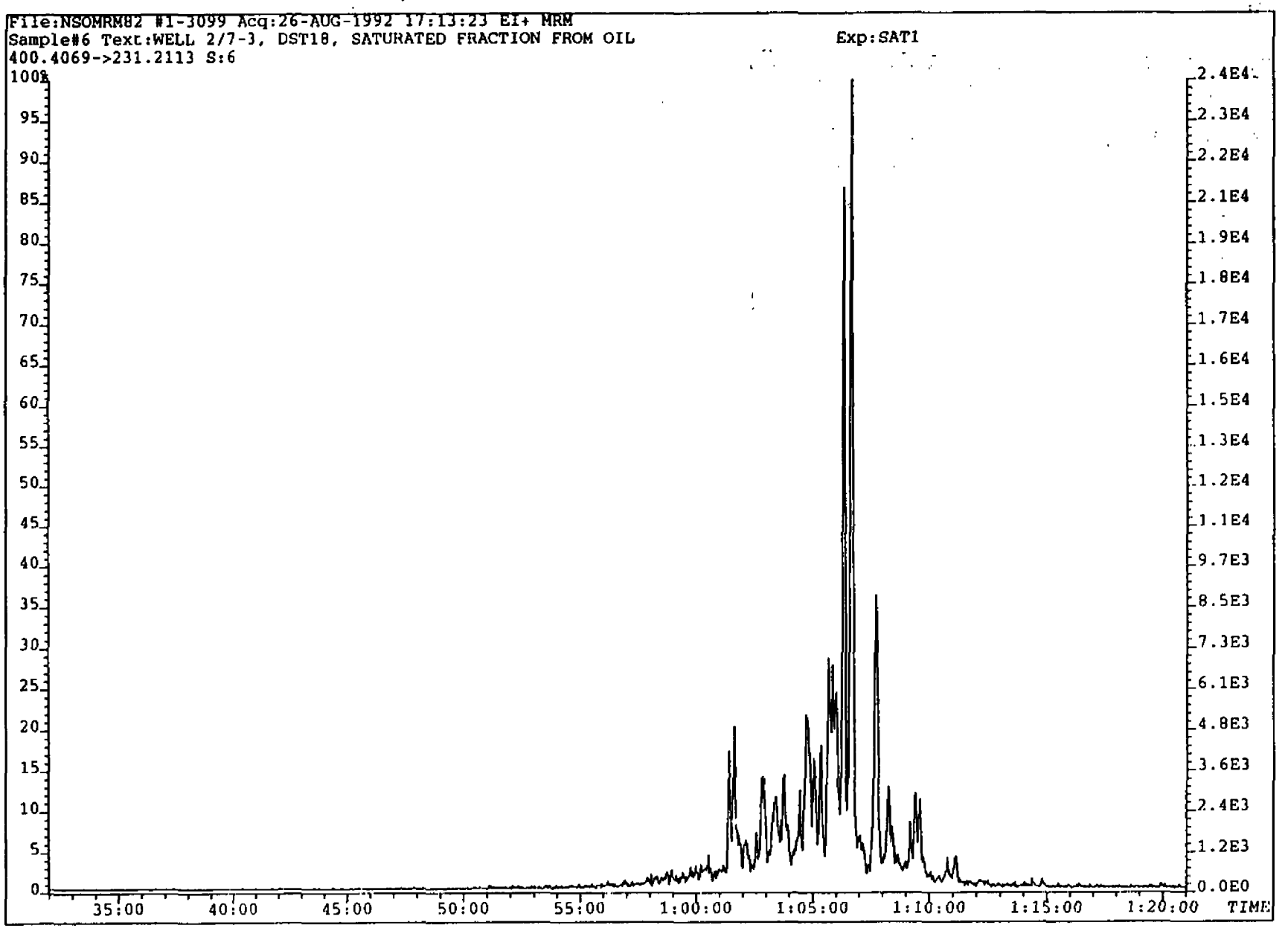
GEOLAB NOR

EXEMPEL OF PEAK IDENTIFICATION FOR METHYL STERANES (MRM) MASS 133.5109 400.4069 → 231.2113




File:NSOMRM82 #1-3099 Acq:26-AUG-1992 17:13:23 EI+ MRM
Sample#6 Text:WELL 2/7-3, DST18, SATURATED FRACTION FROM OIL
400.4069->231.2113 S:6
Exp:SAT1
100%
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
2.4E4
2.3E4
2.2E4
2.1E4
1.9E4
1.8E4
1.7E4
1.6E4
1.5E4
1.3E4
1.2E4
1.1E4
9.7E3
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2.4E3
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40:00
45:00
50:00
55:00
1:00:00
1:05:00
1:10:00
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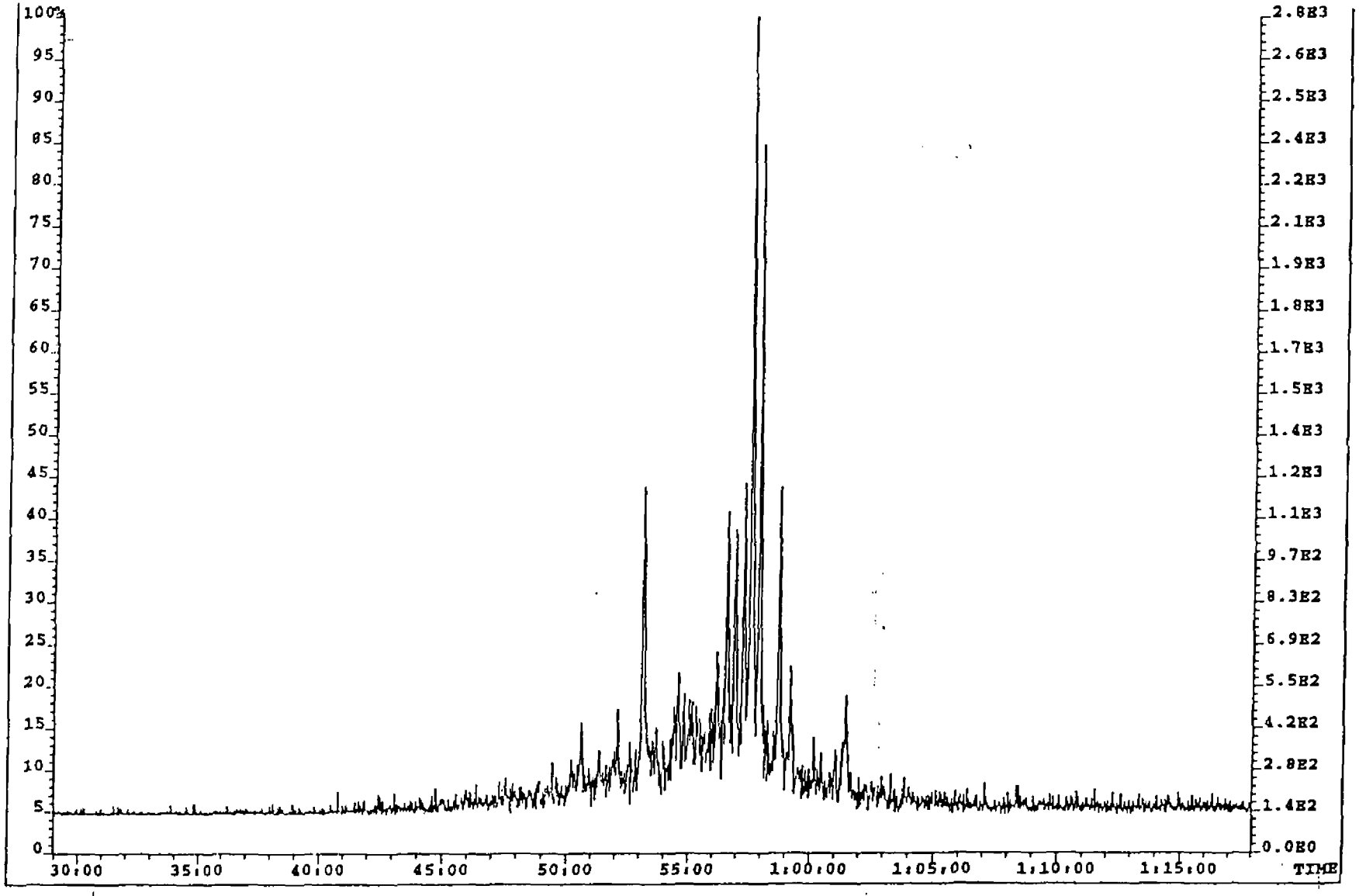
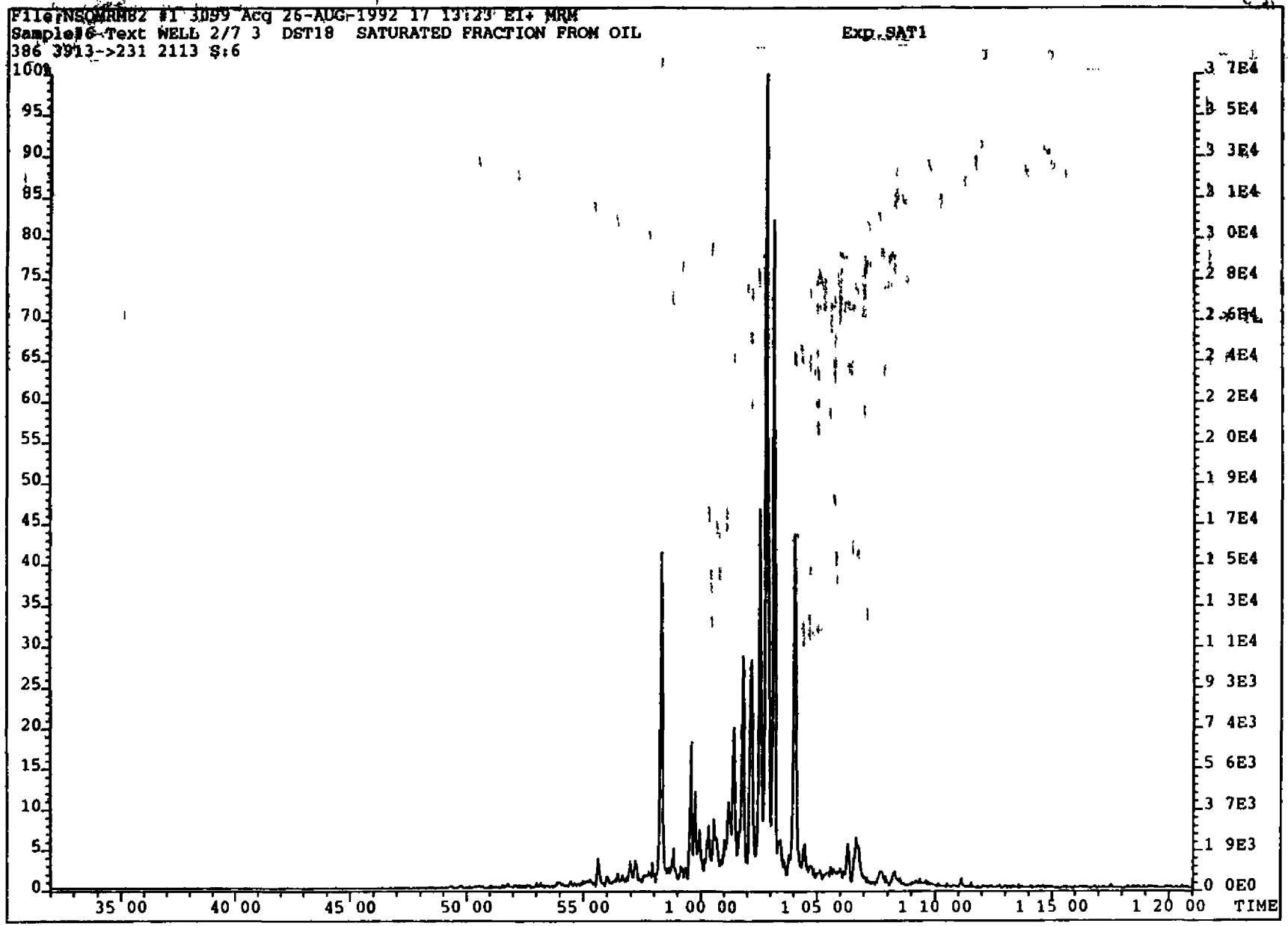
1:20:00
TIME

EXEMPEL OF PEAK IDENTIFICATION FOR METHYL STERANES (MRM) MASS 138.3537 386.3913 → 231.2113

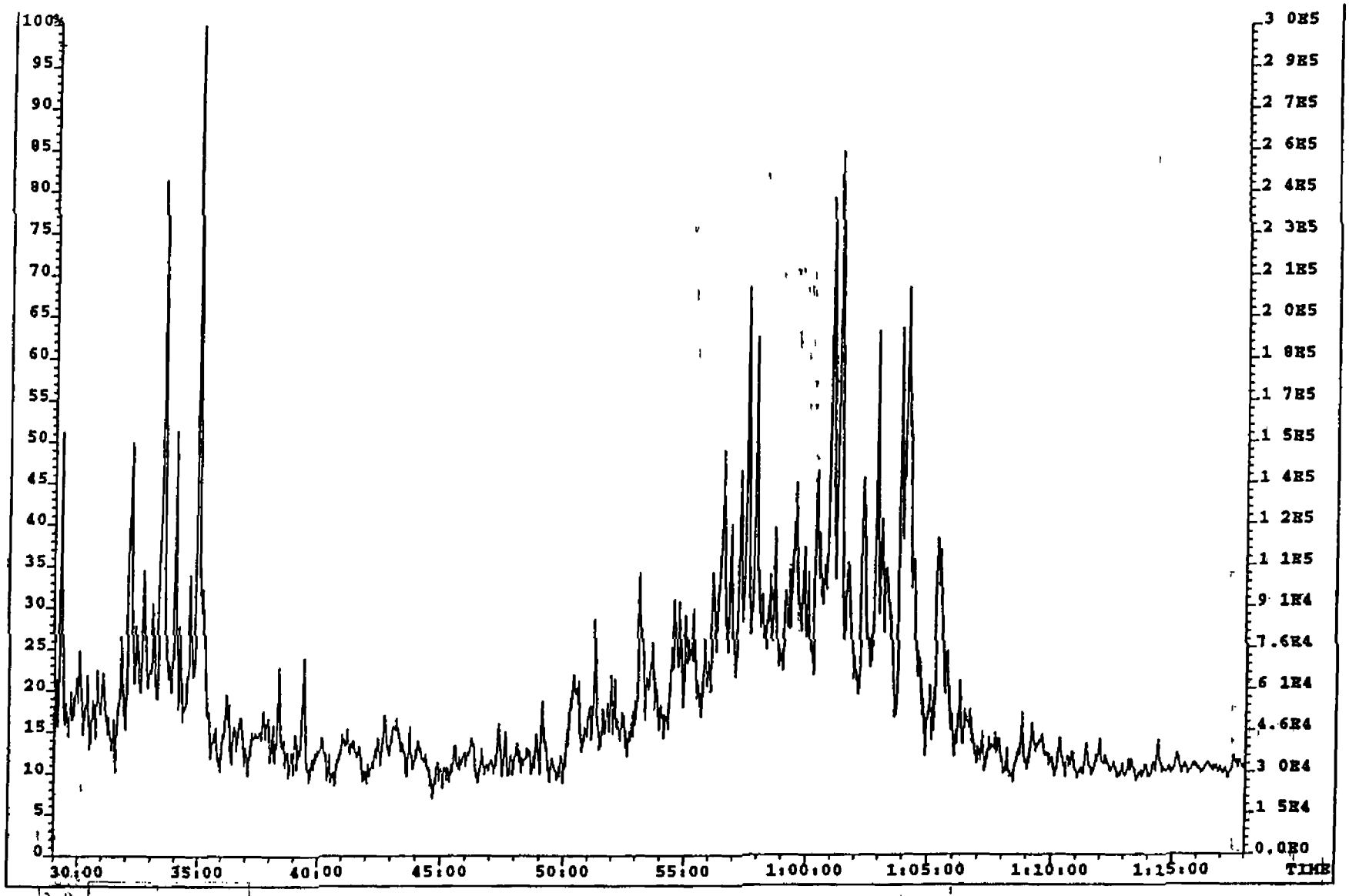




Schlumberger GECO PRAKLA

GEOLAB NOR

EXEMPEL OF PEAK IDENTIFICATION FOR METHYL STERANES (MRM) MASS 231 2113 231 2113 —231 2113



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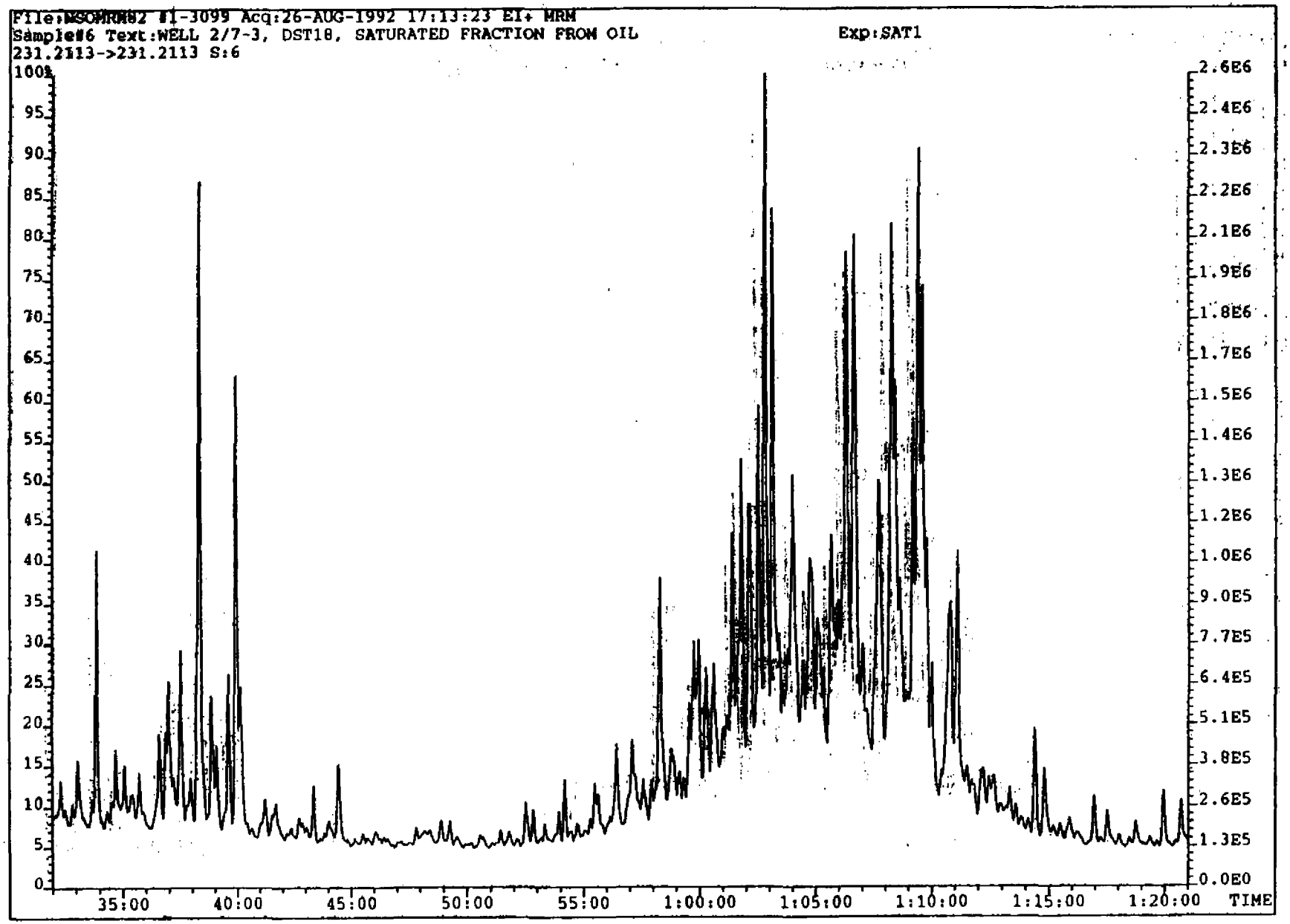

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GEOLAB NOR