

Supporting Information

Kinetic Resolution of Racemic 2-Hydroxyamides Using Diphenylacetyl Component as an Acyl Source and a Chiral Acyl-Transfer Catalyst

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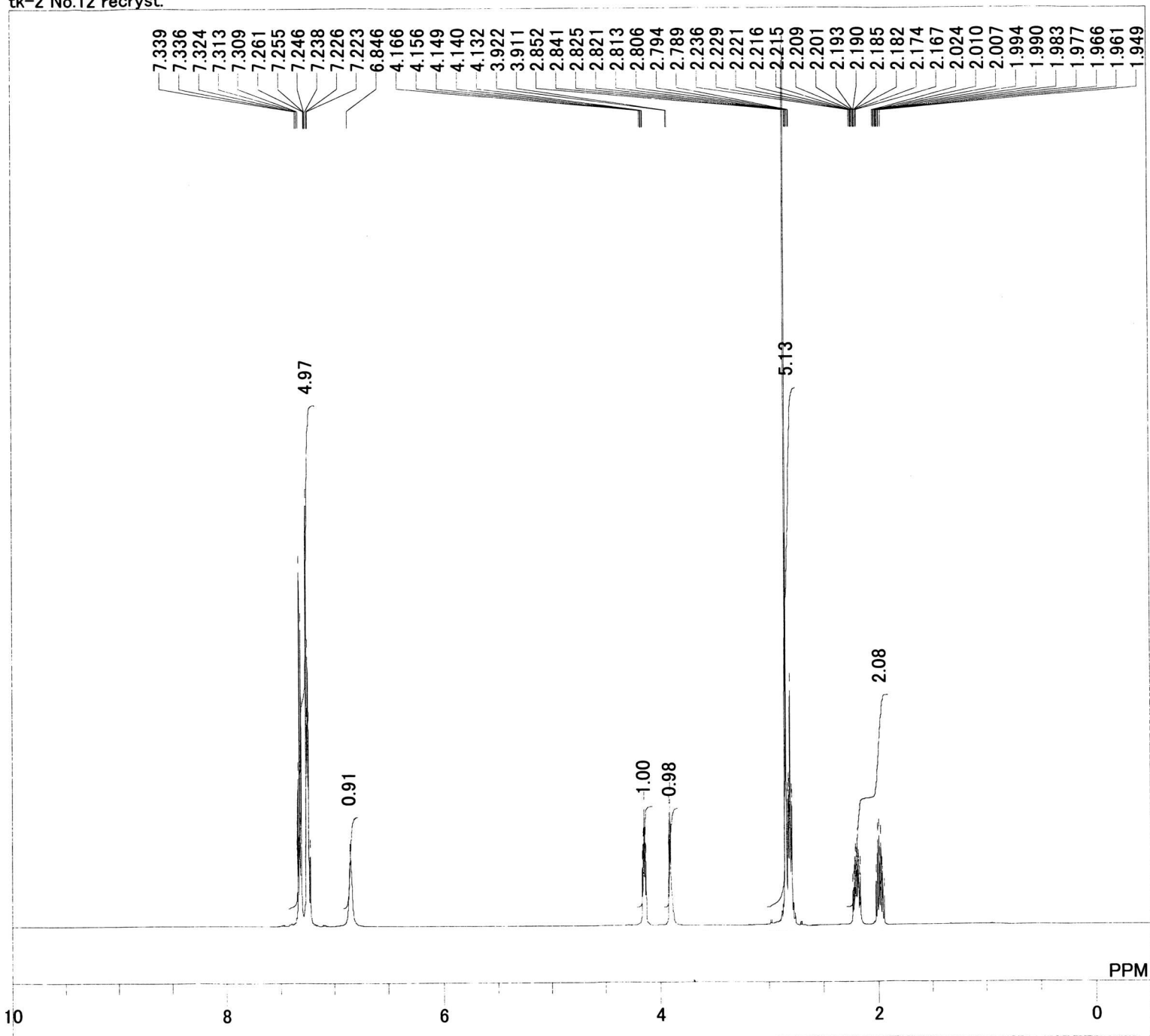
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=Appendix=

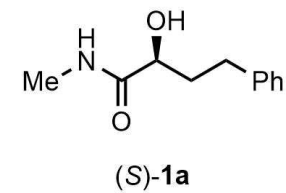
¹H and ¹³C NMR Spectroscopic Data of Compounds
Spectroscopic Data of Compounds 1a-6k

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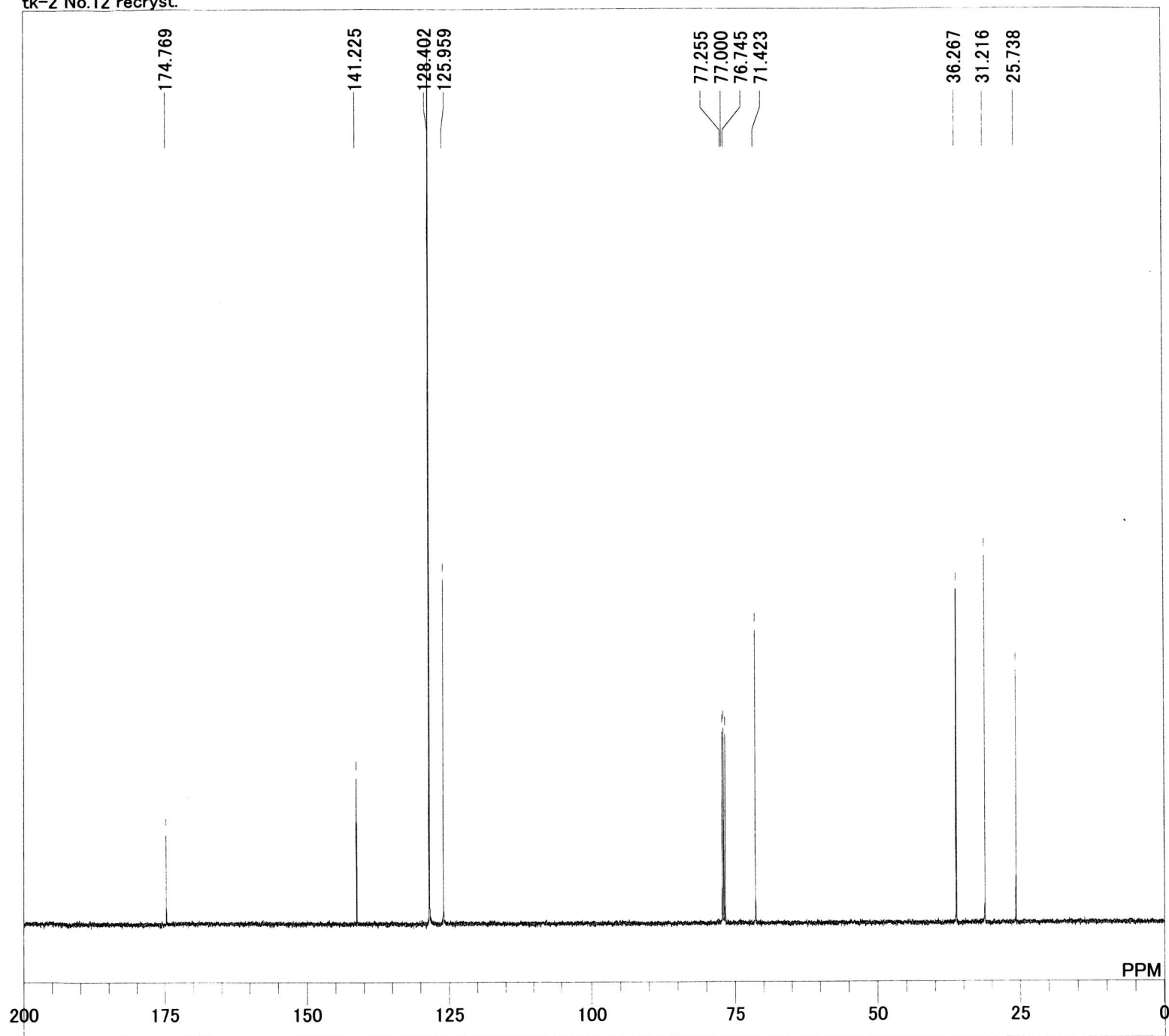


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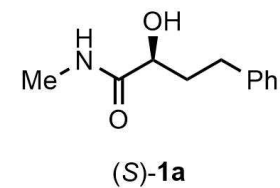
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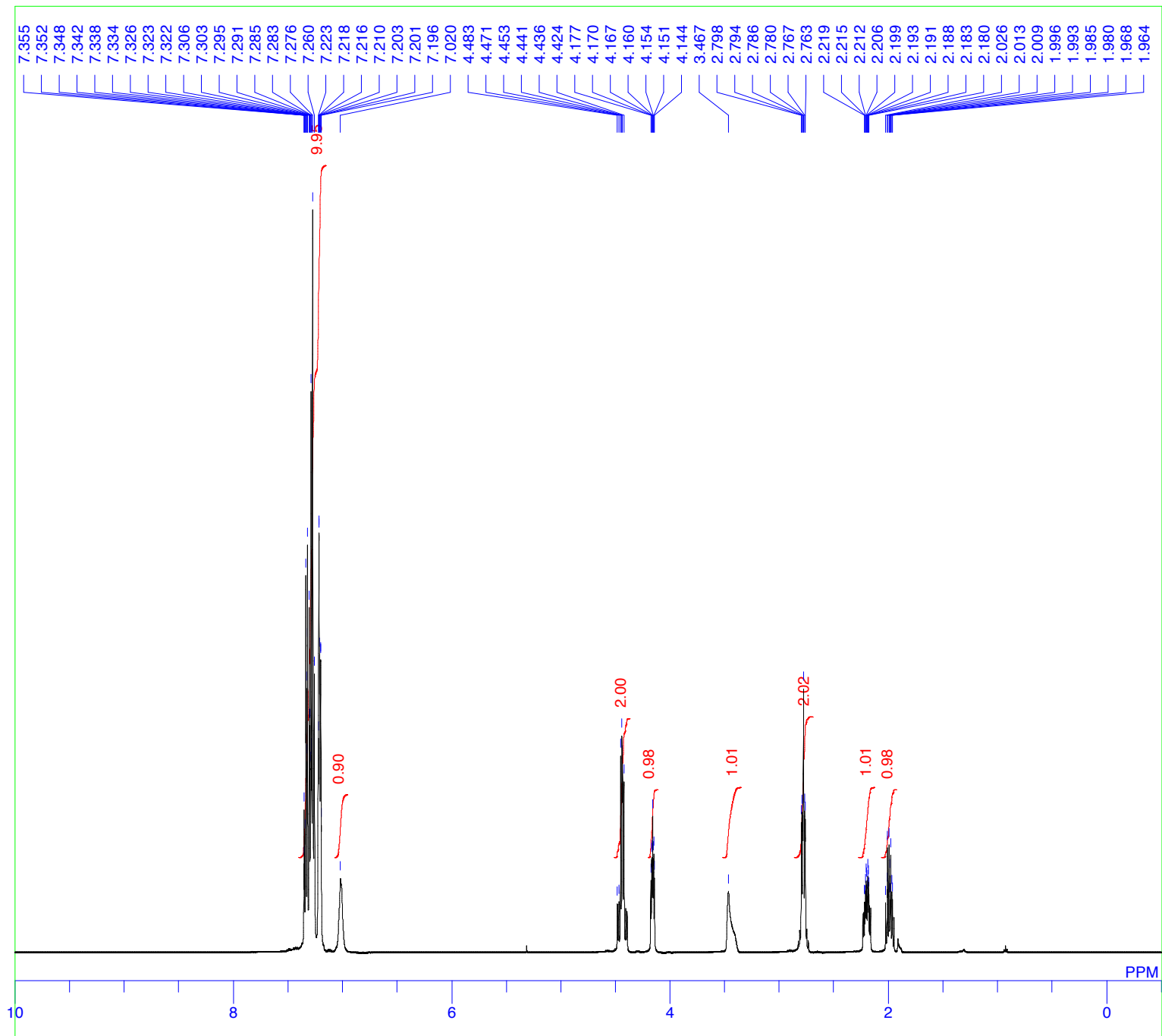


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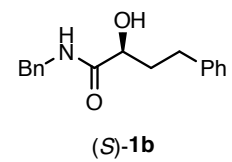
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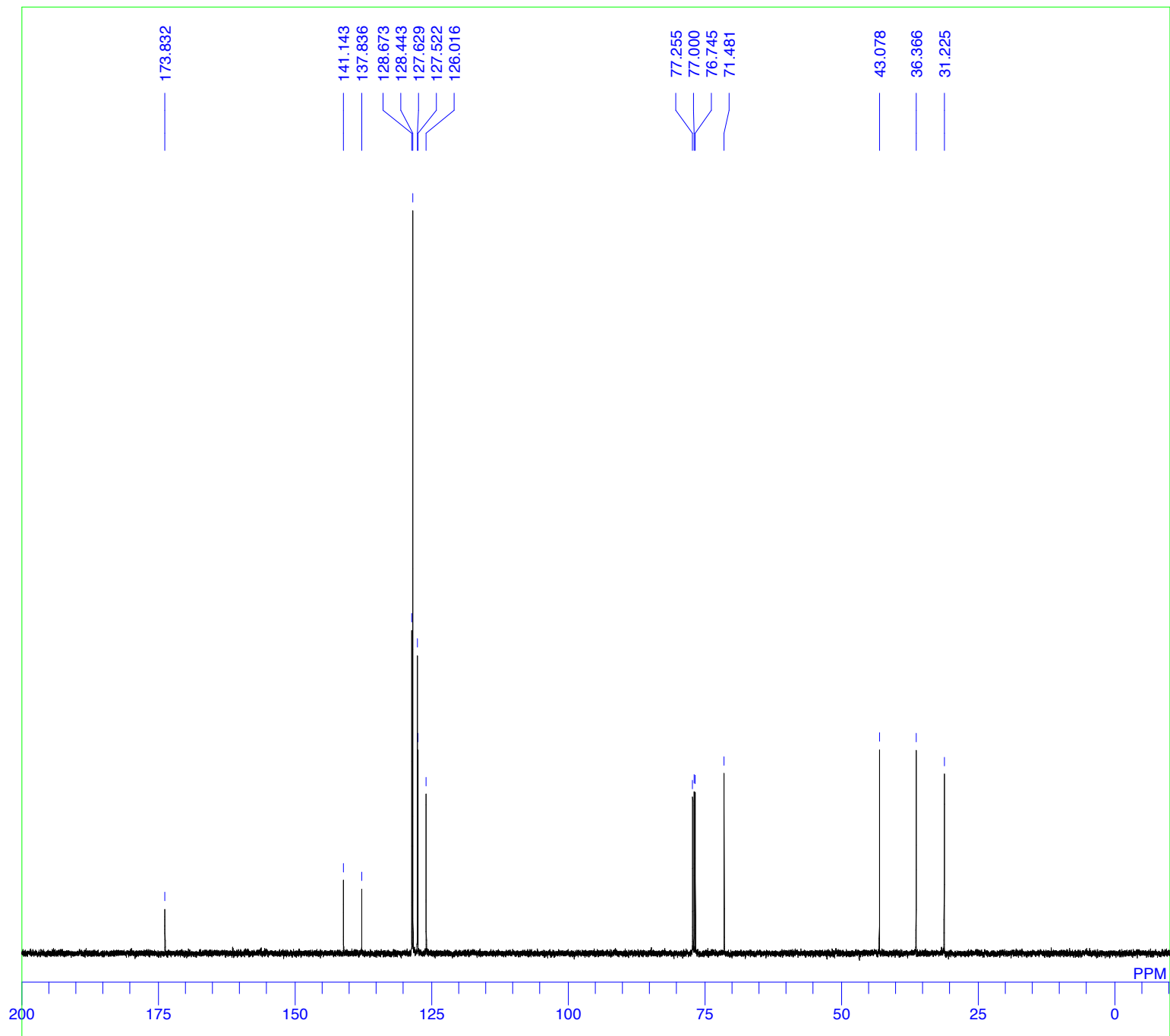
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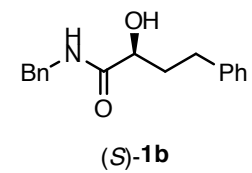


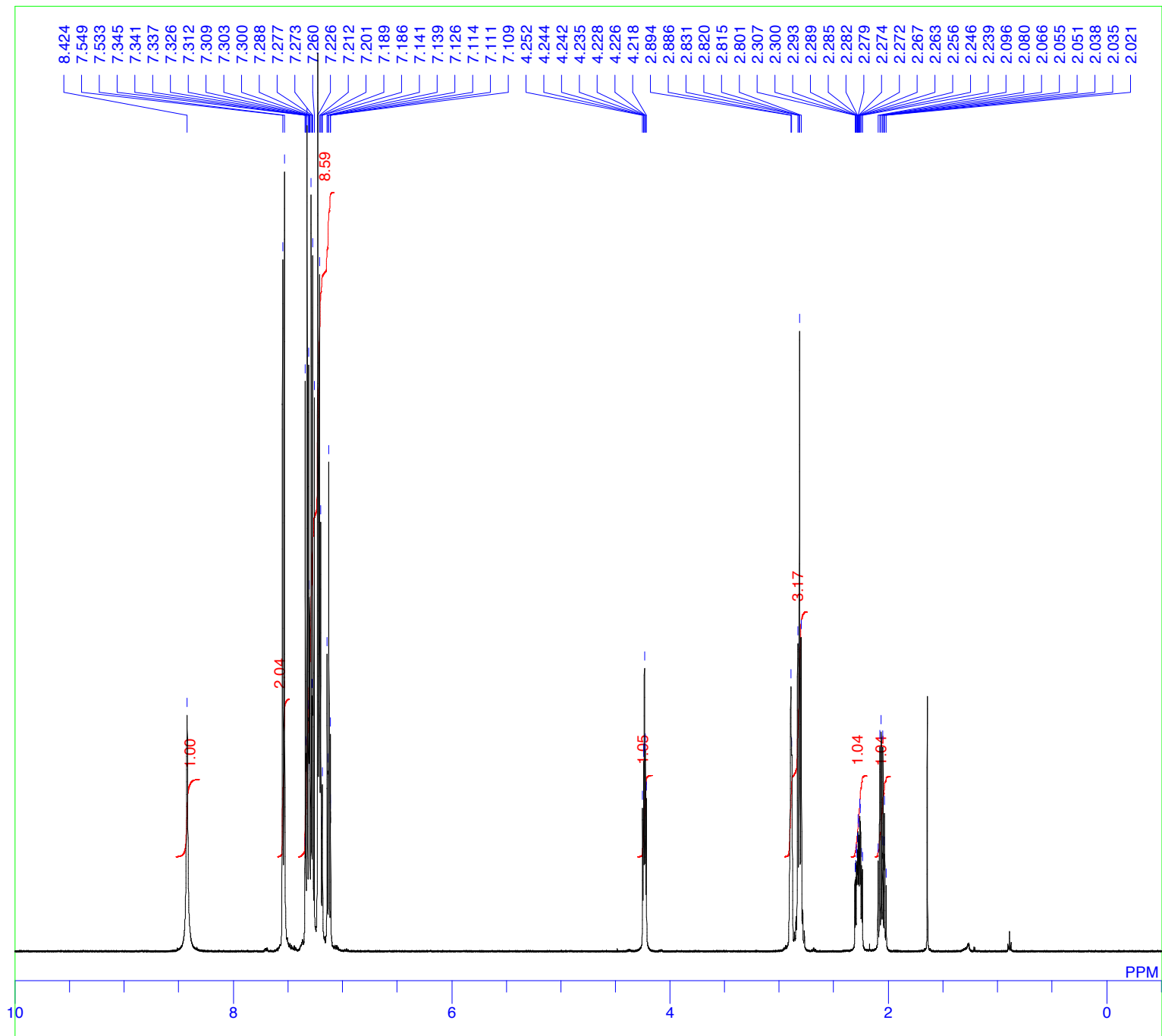
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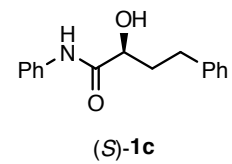


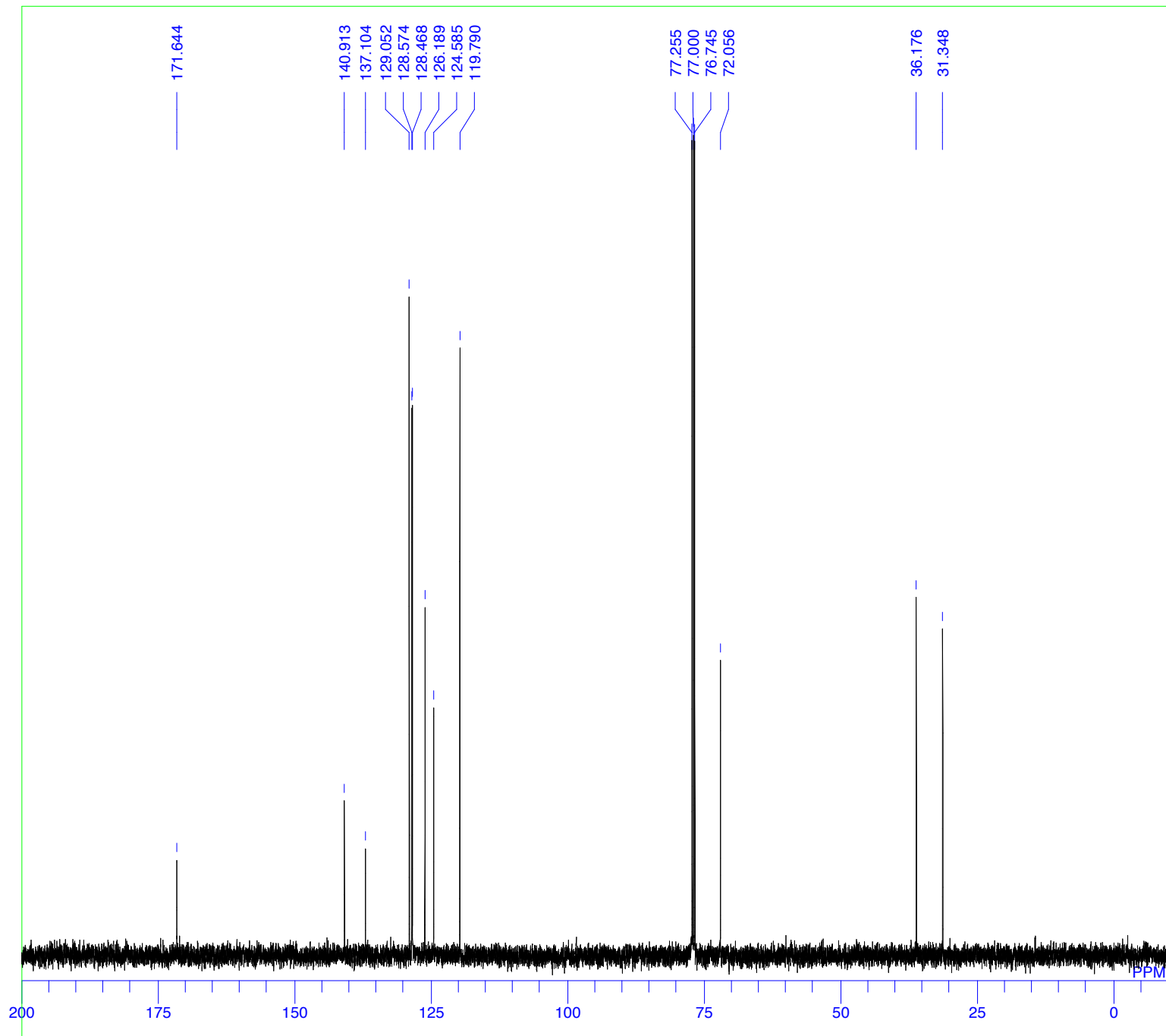
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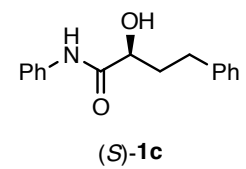


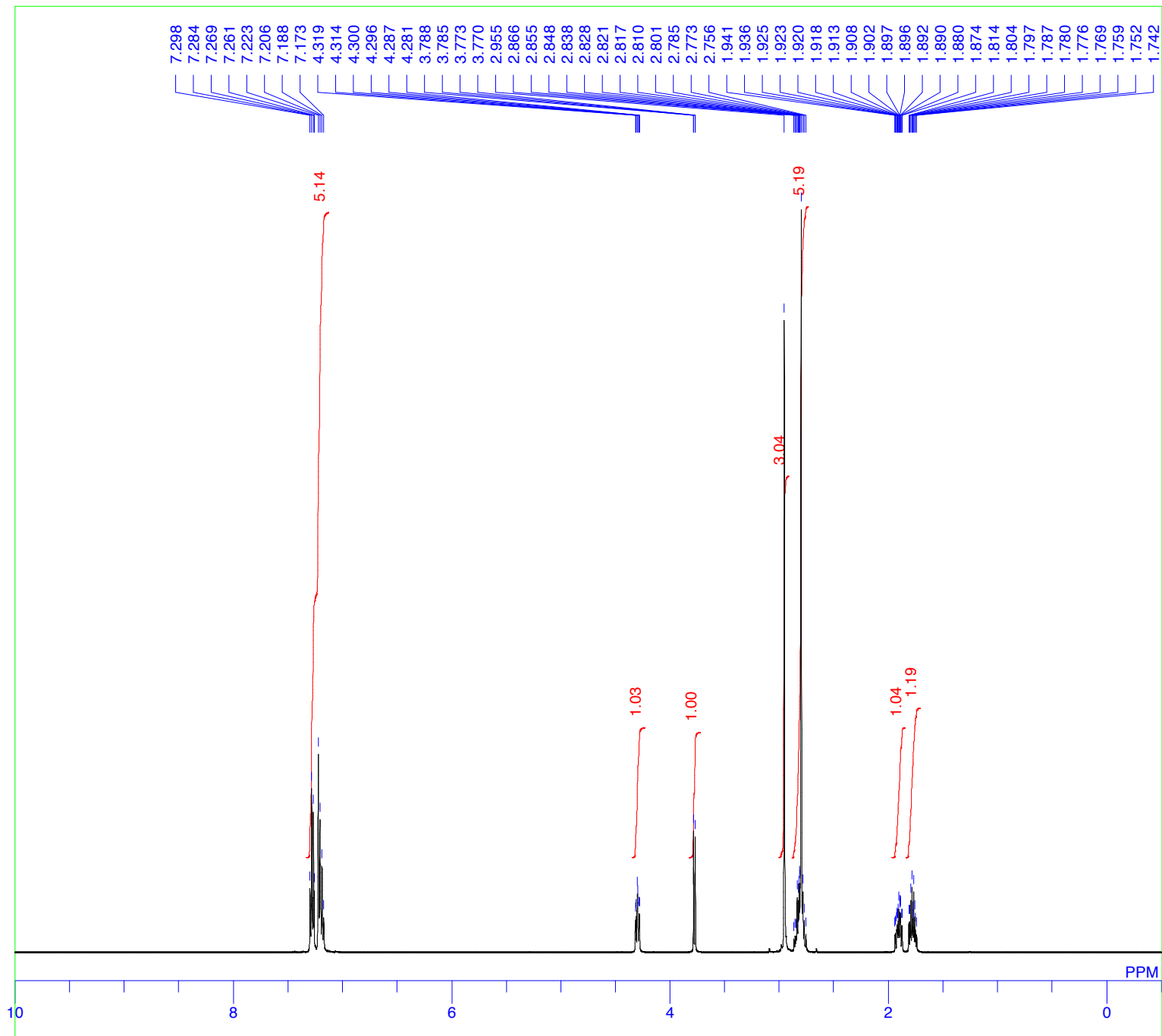
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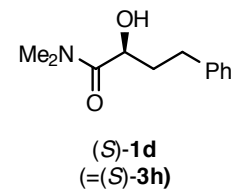


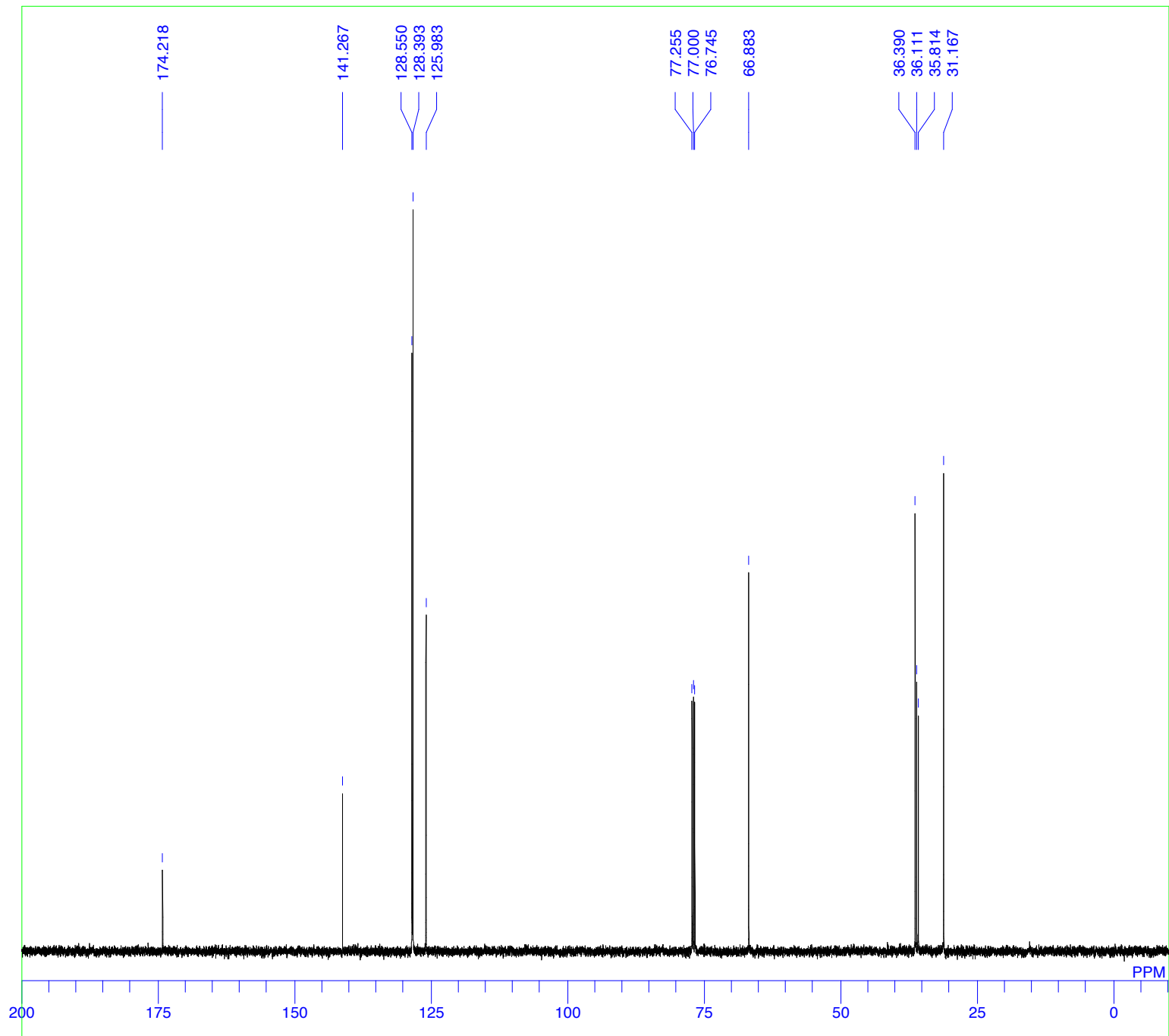
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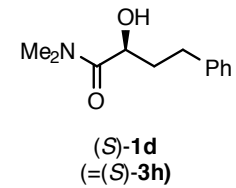


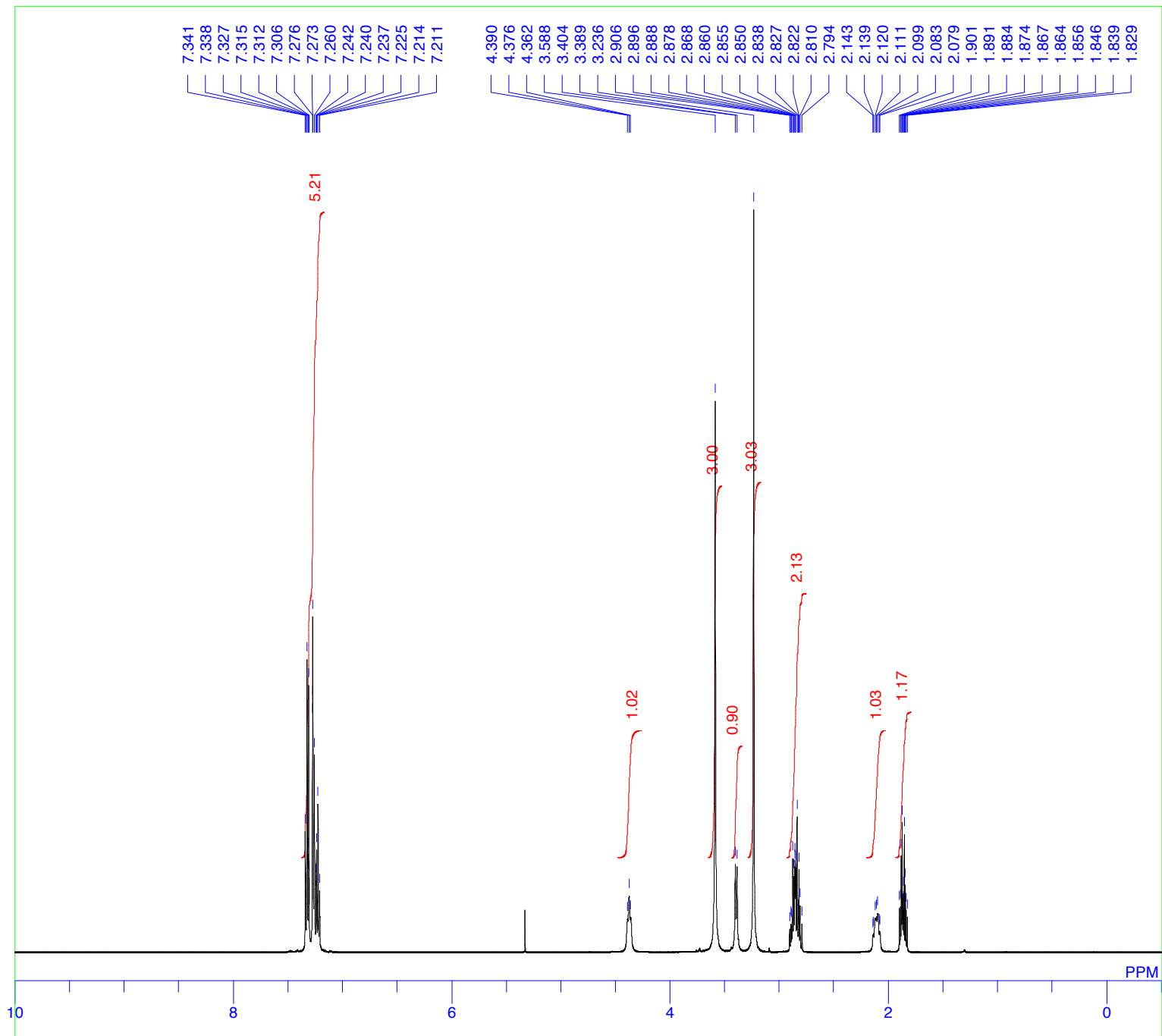
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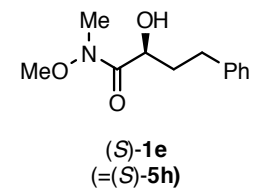


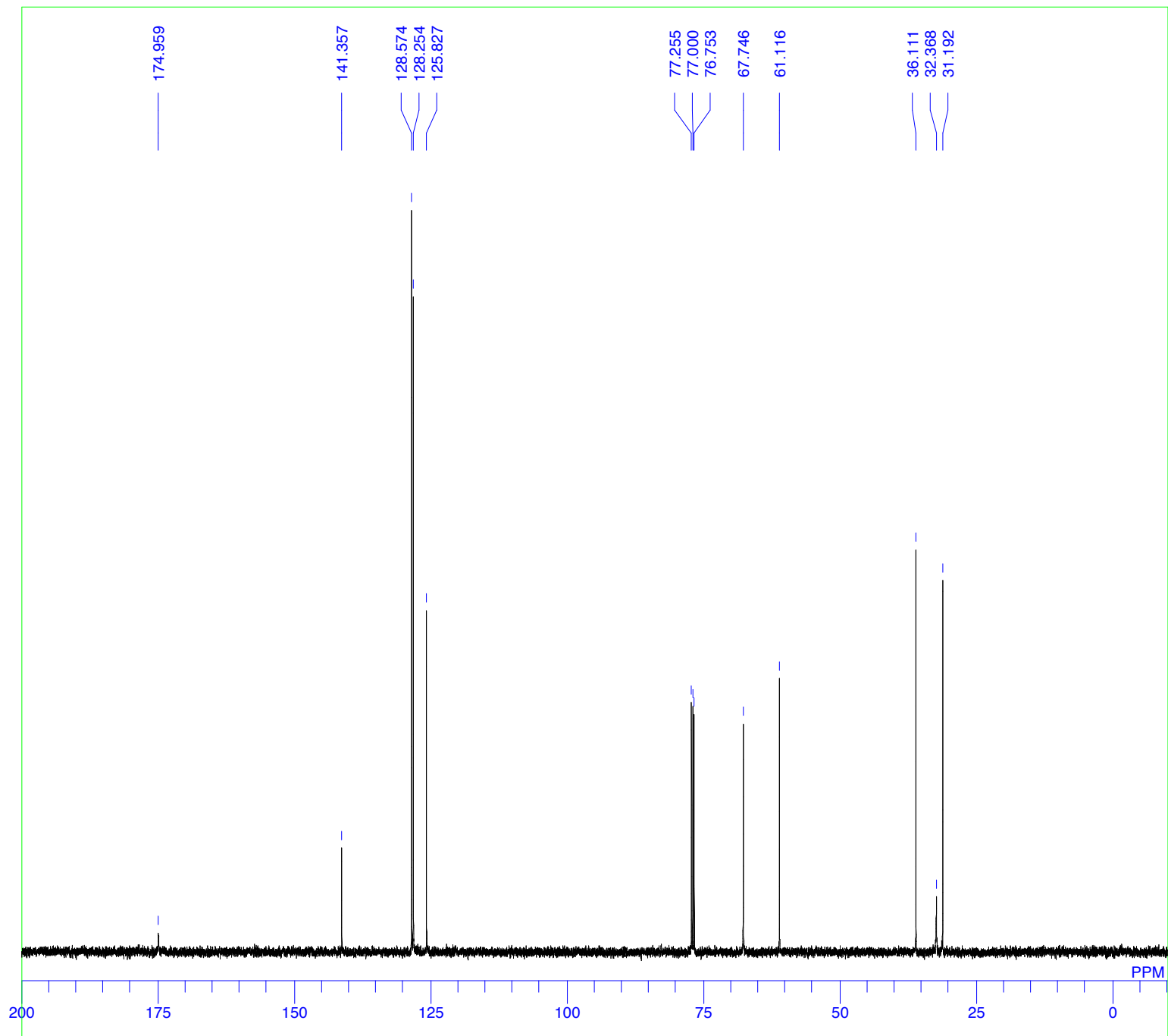
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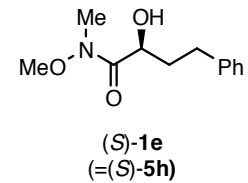


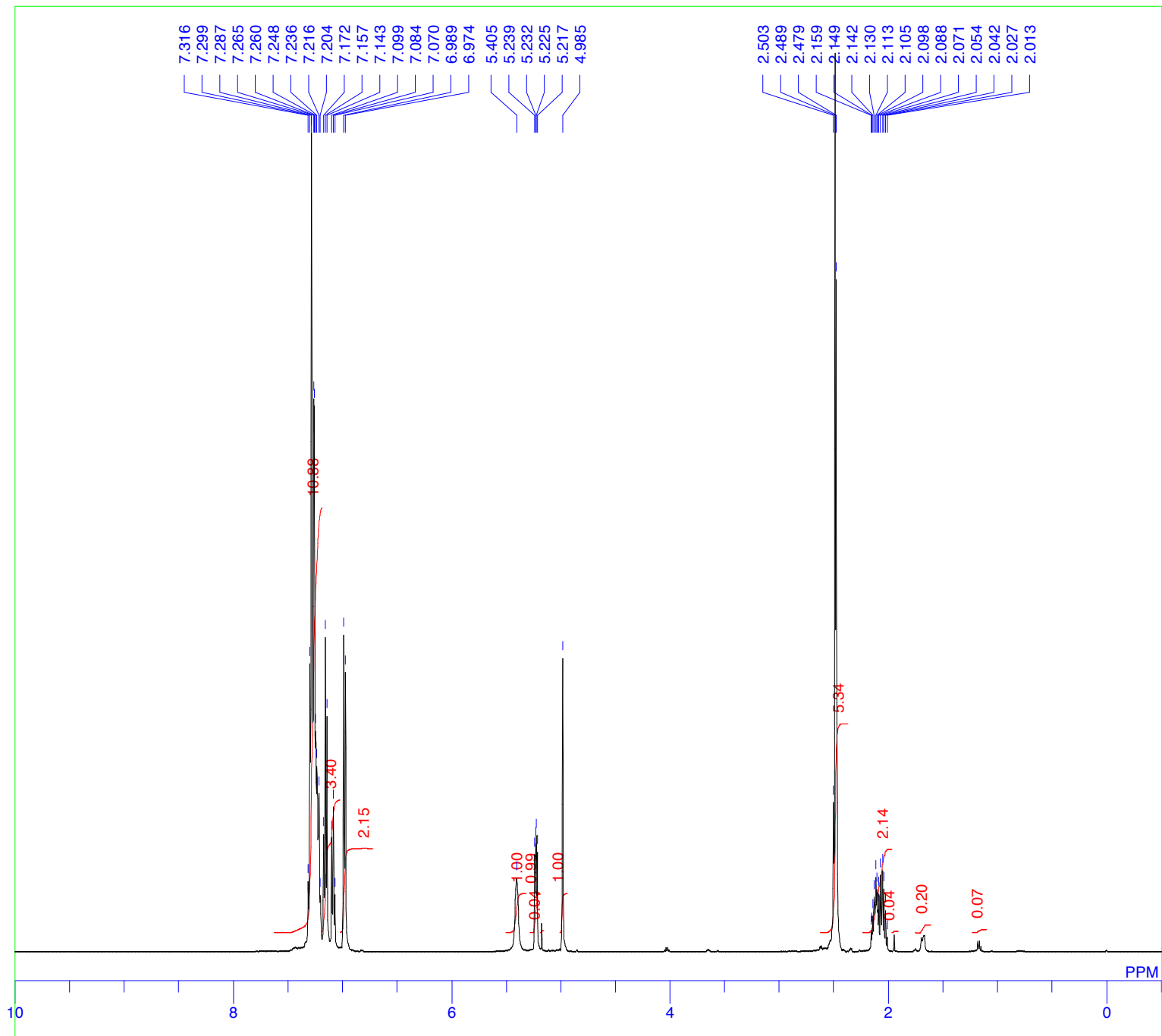
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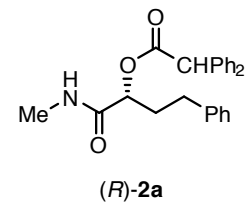


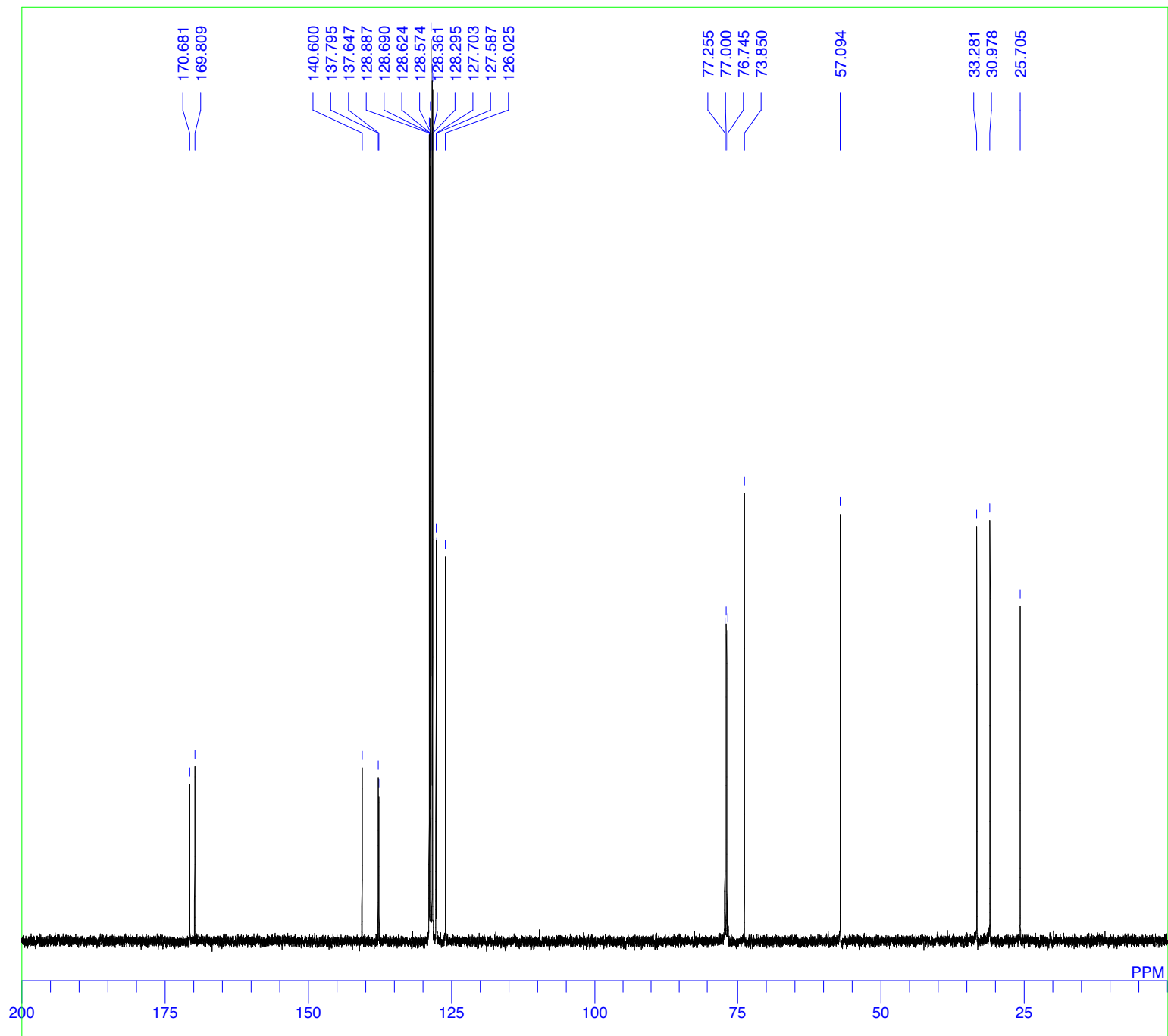
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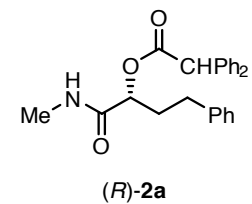


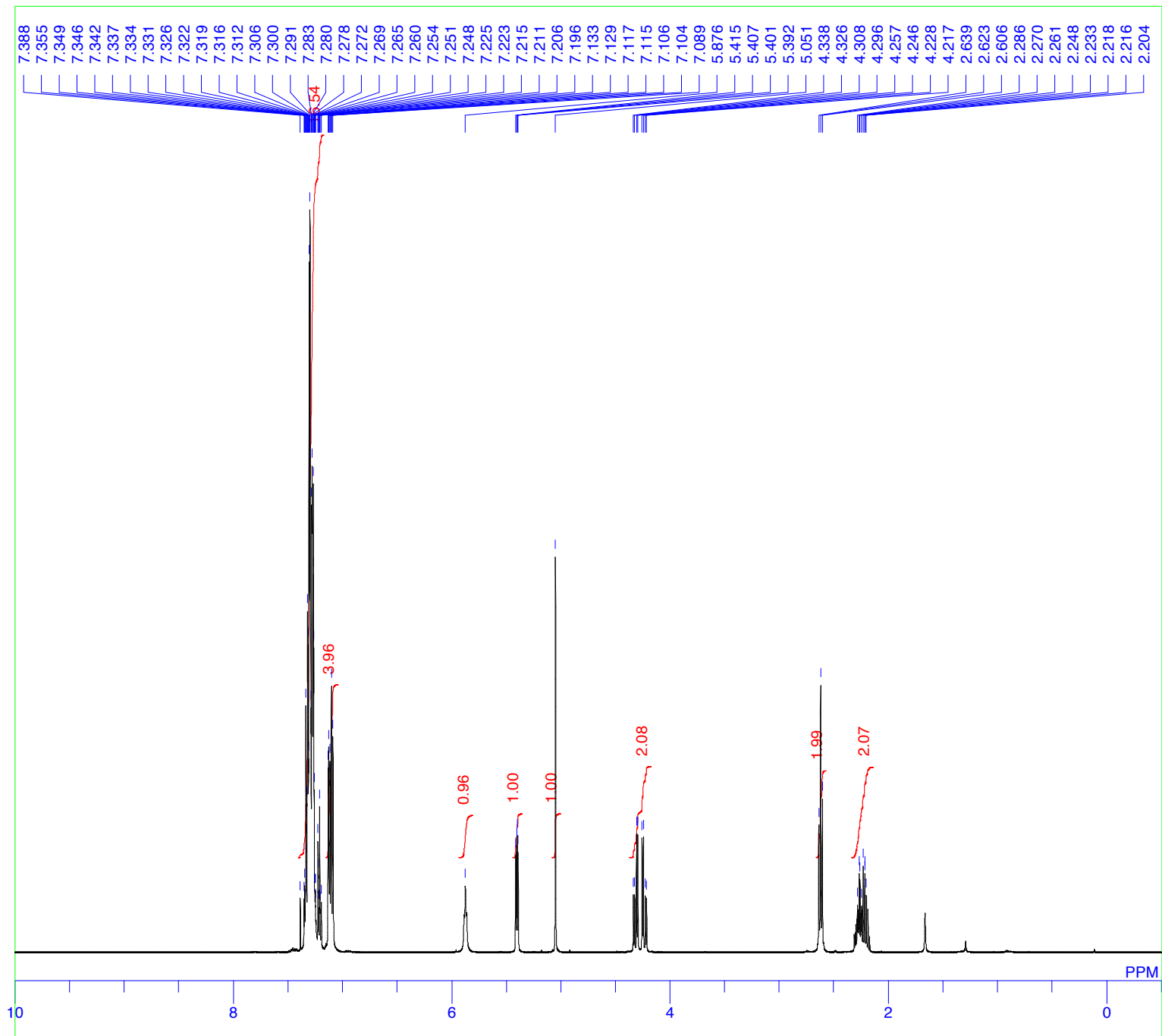
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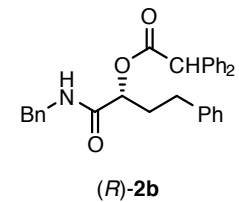


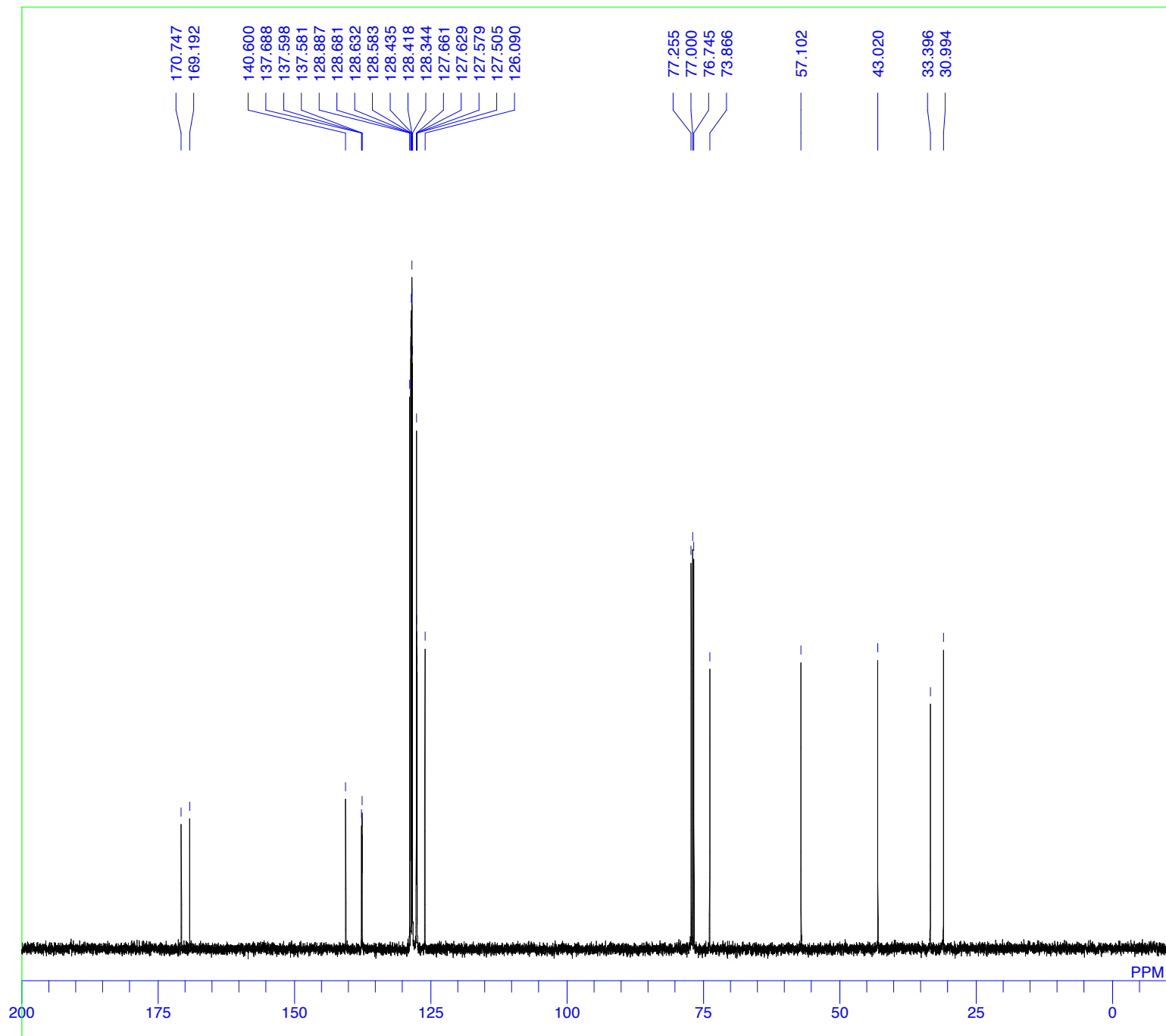
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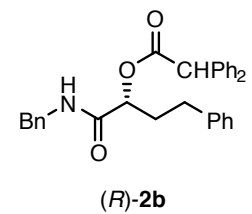


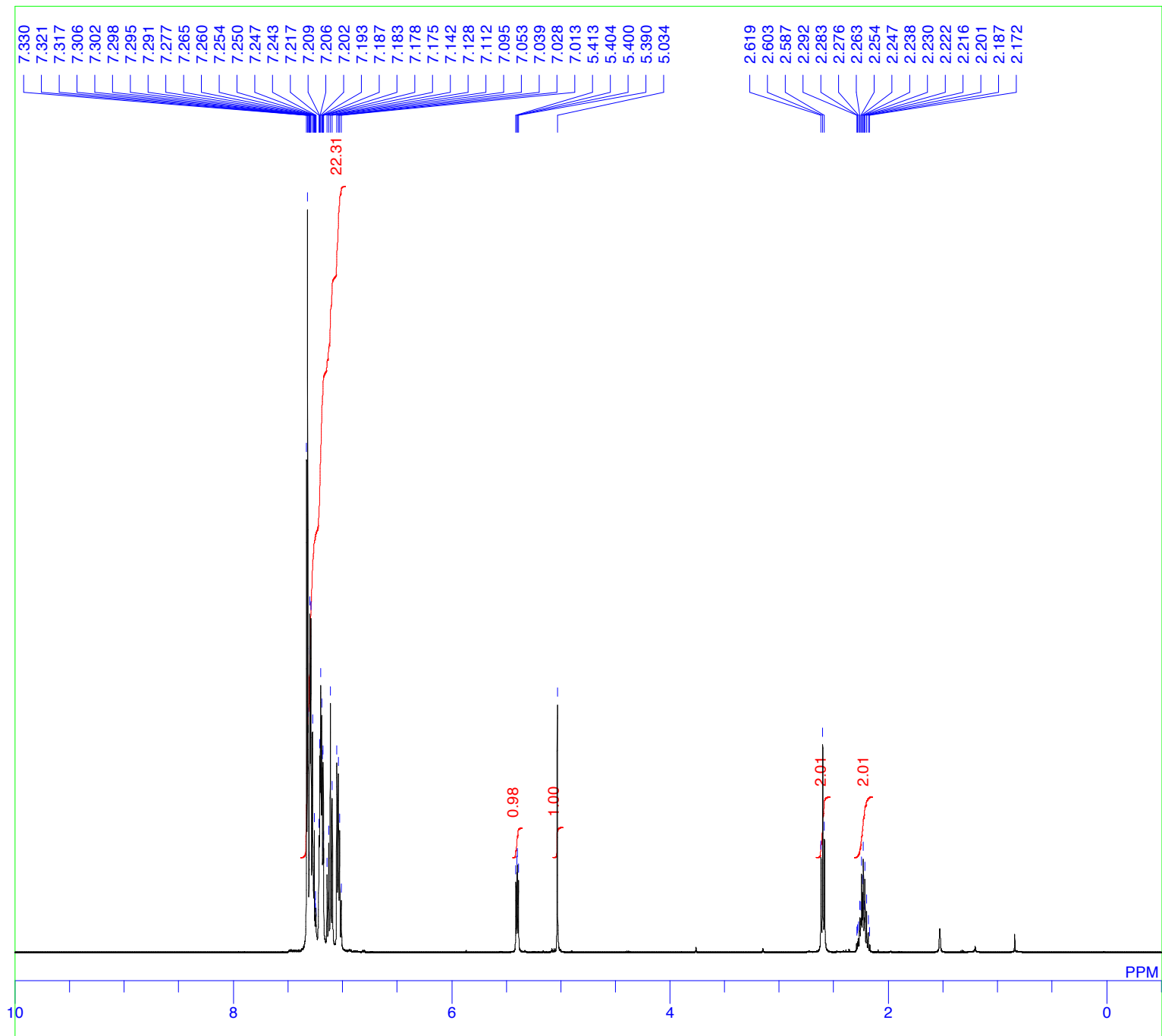
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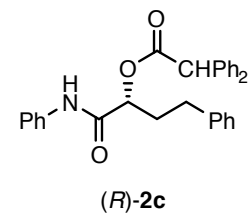


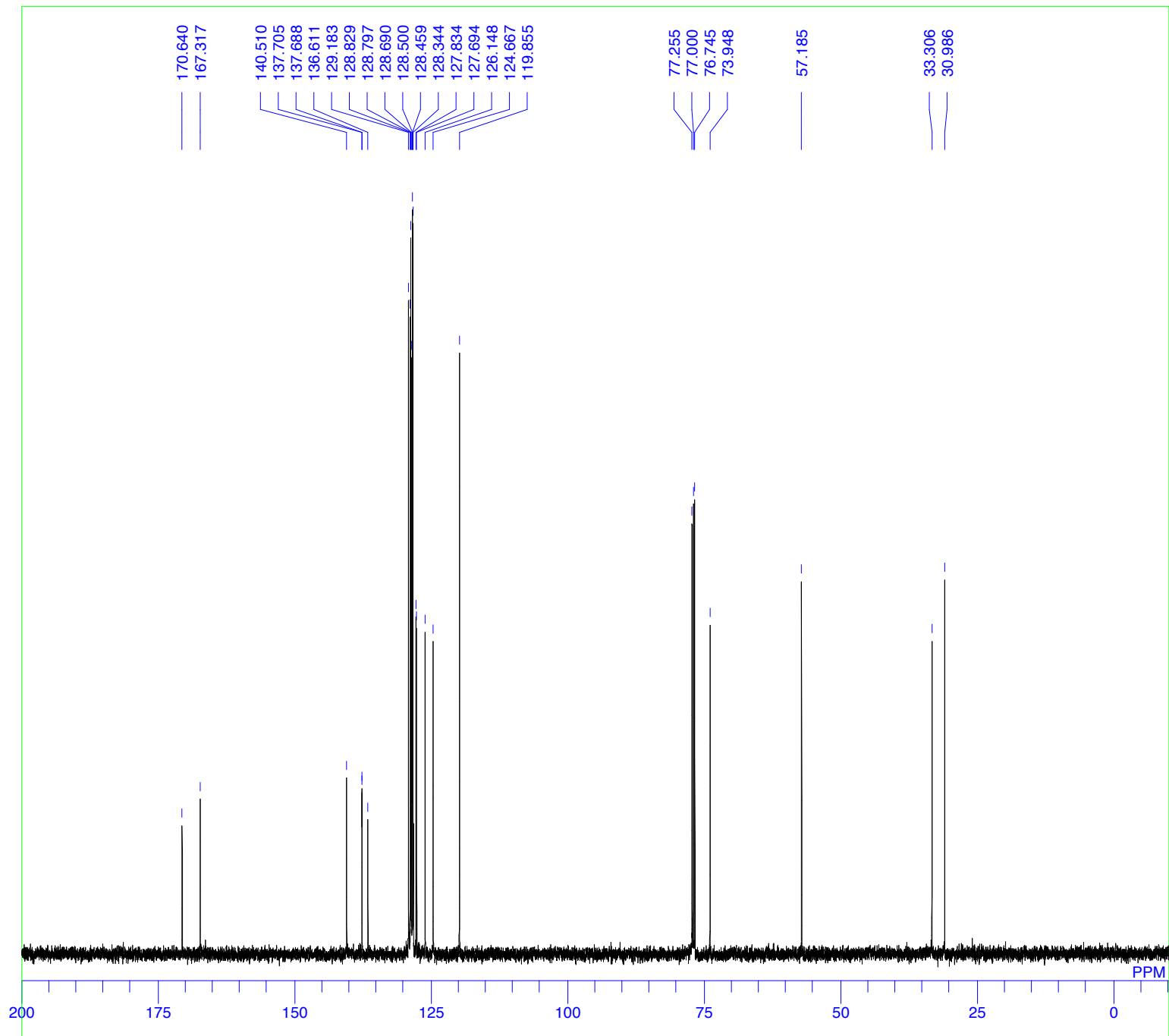
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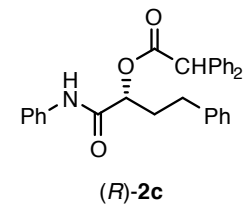


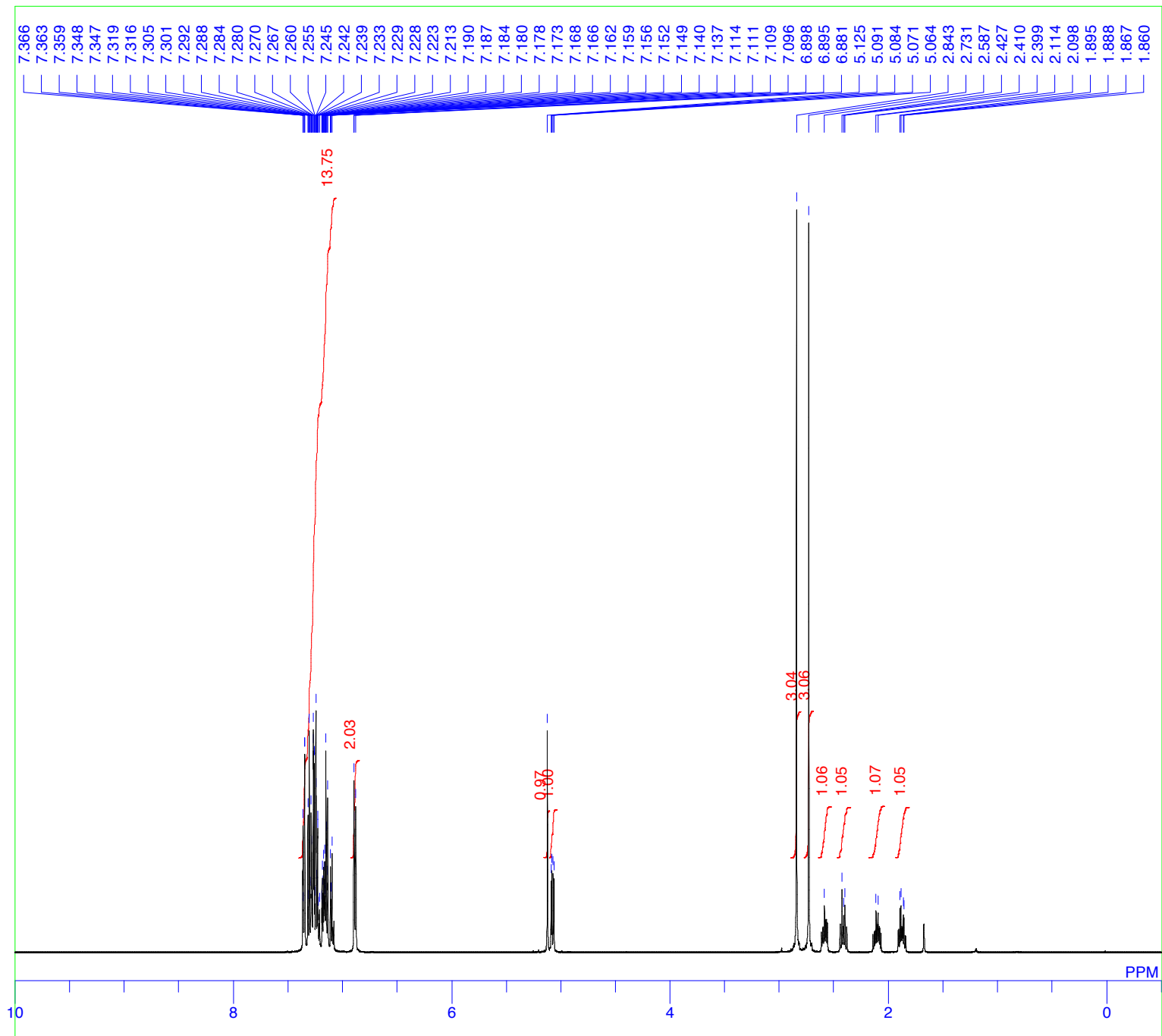
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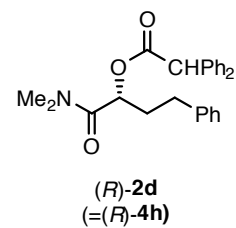


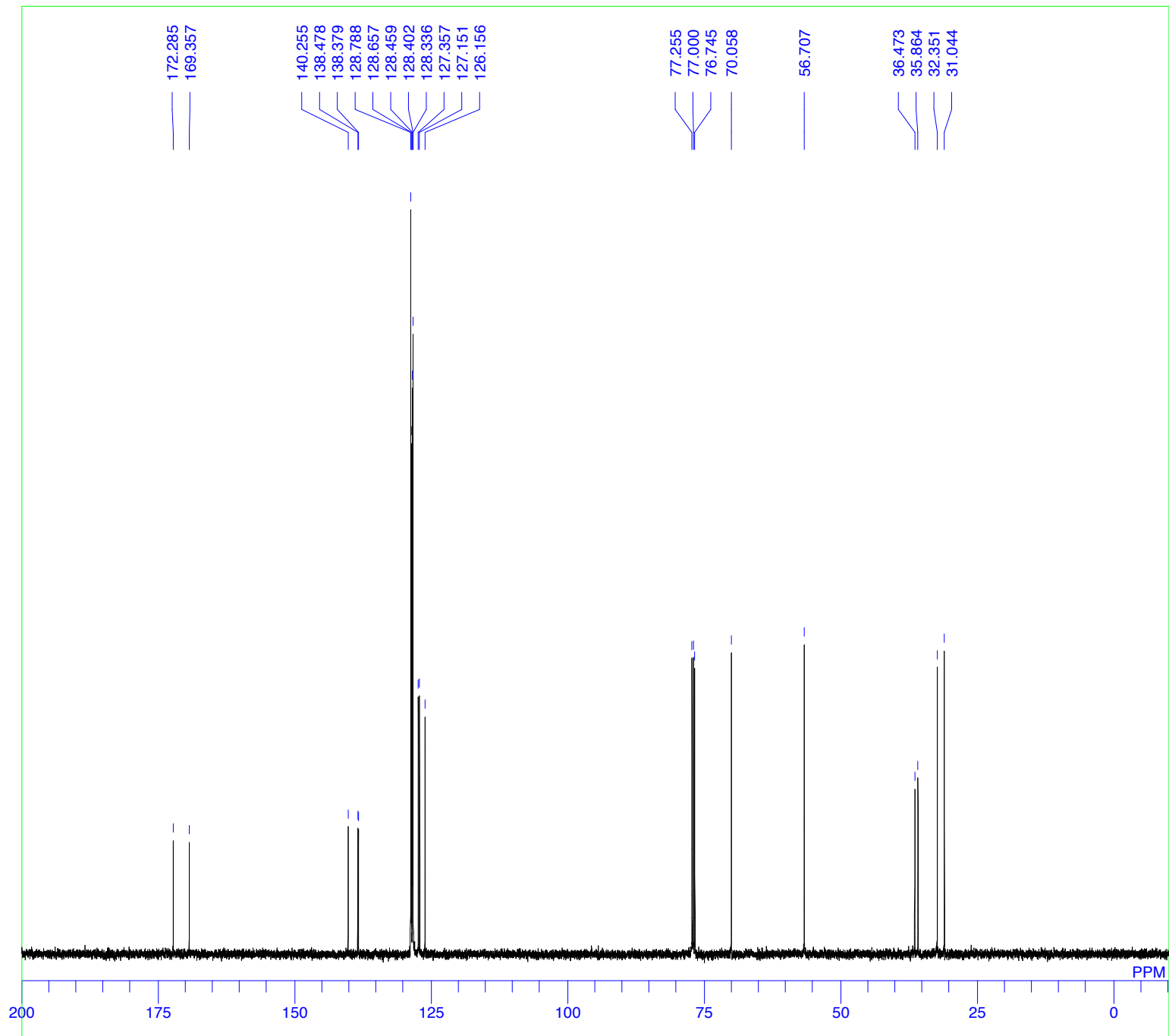
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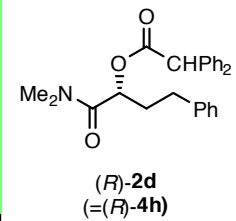


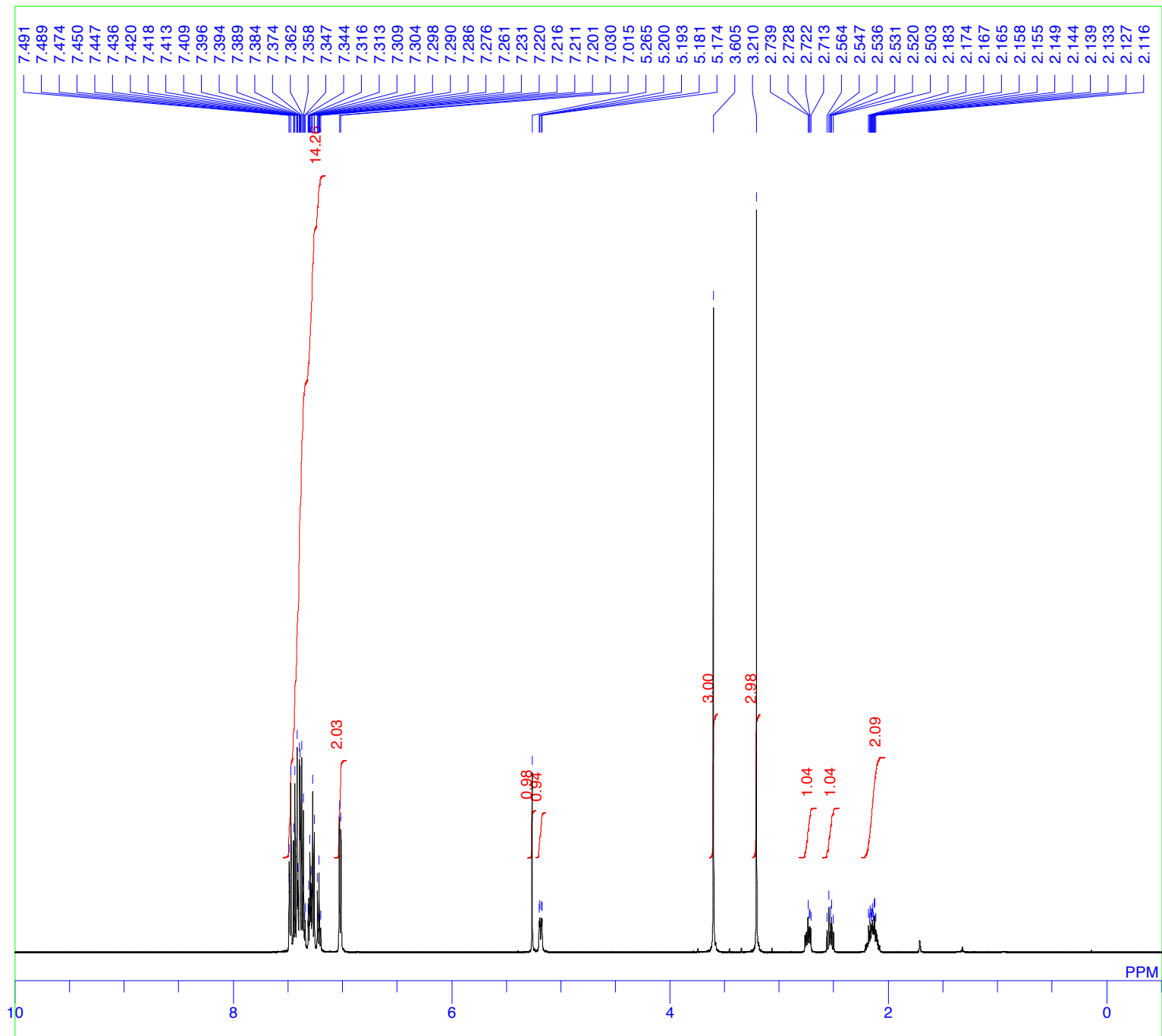
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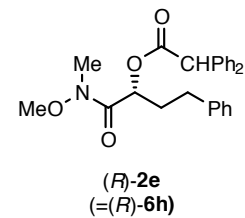


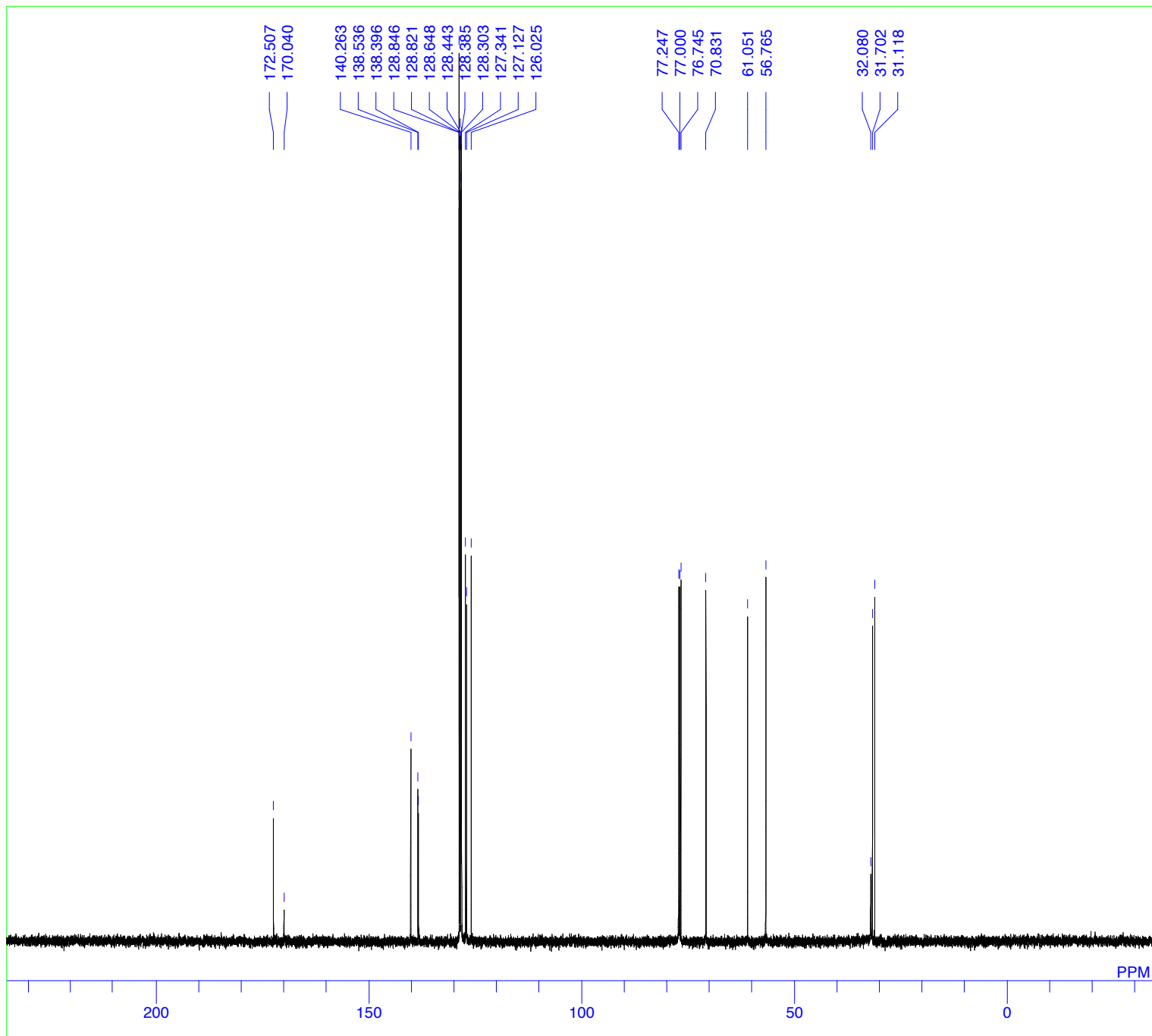
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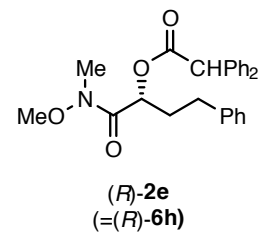


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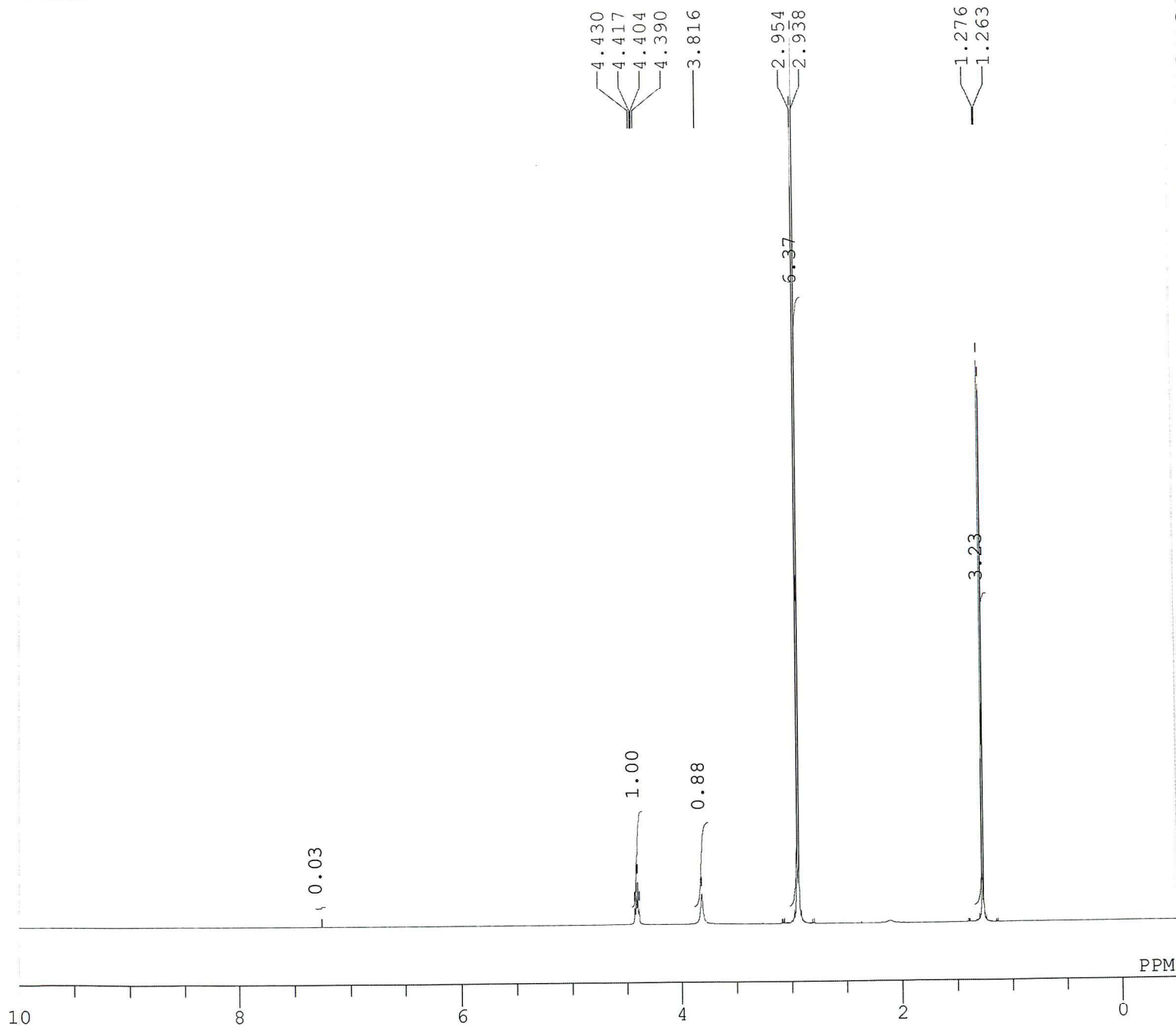




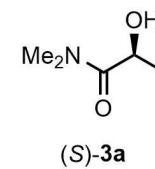
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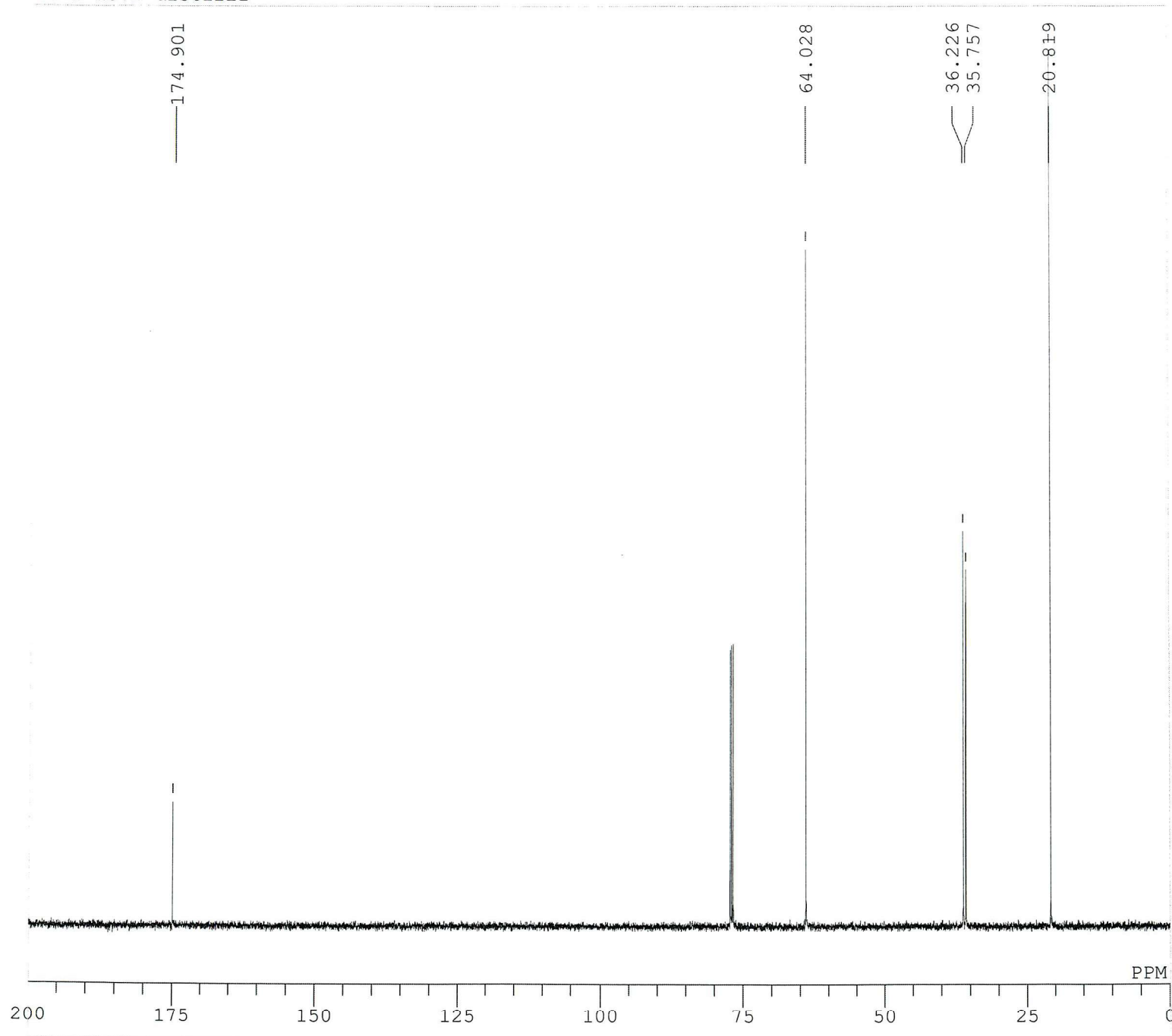
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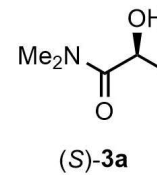
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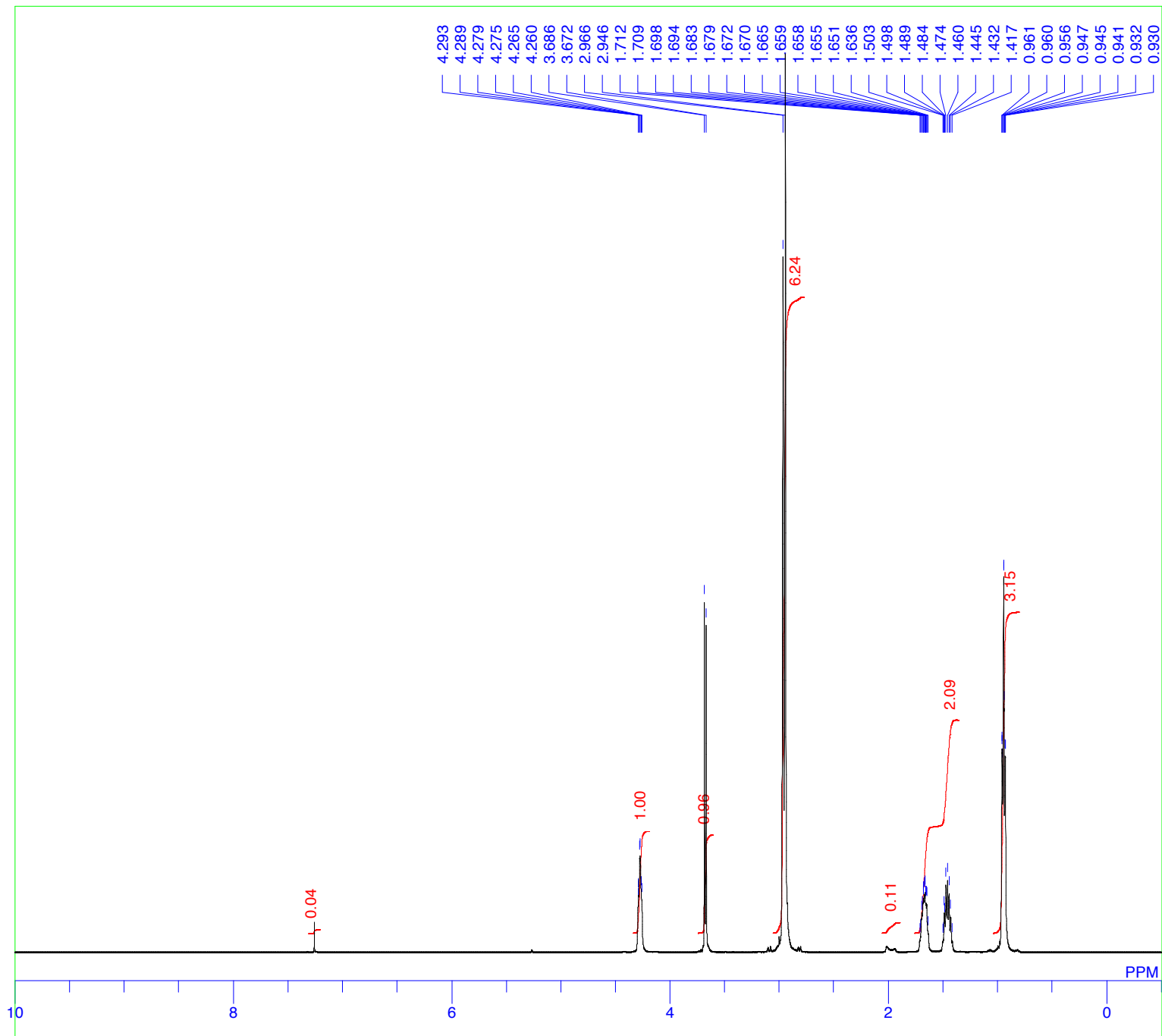


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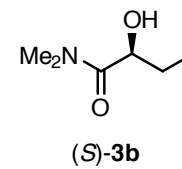


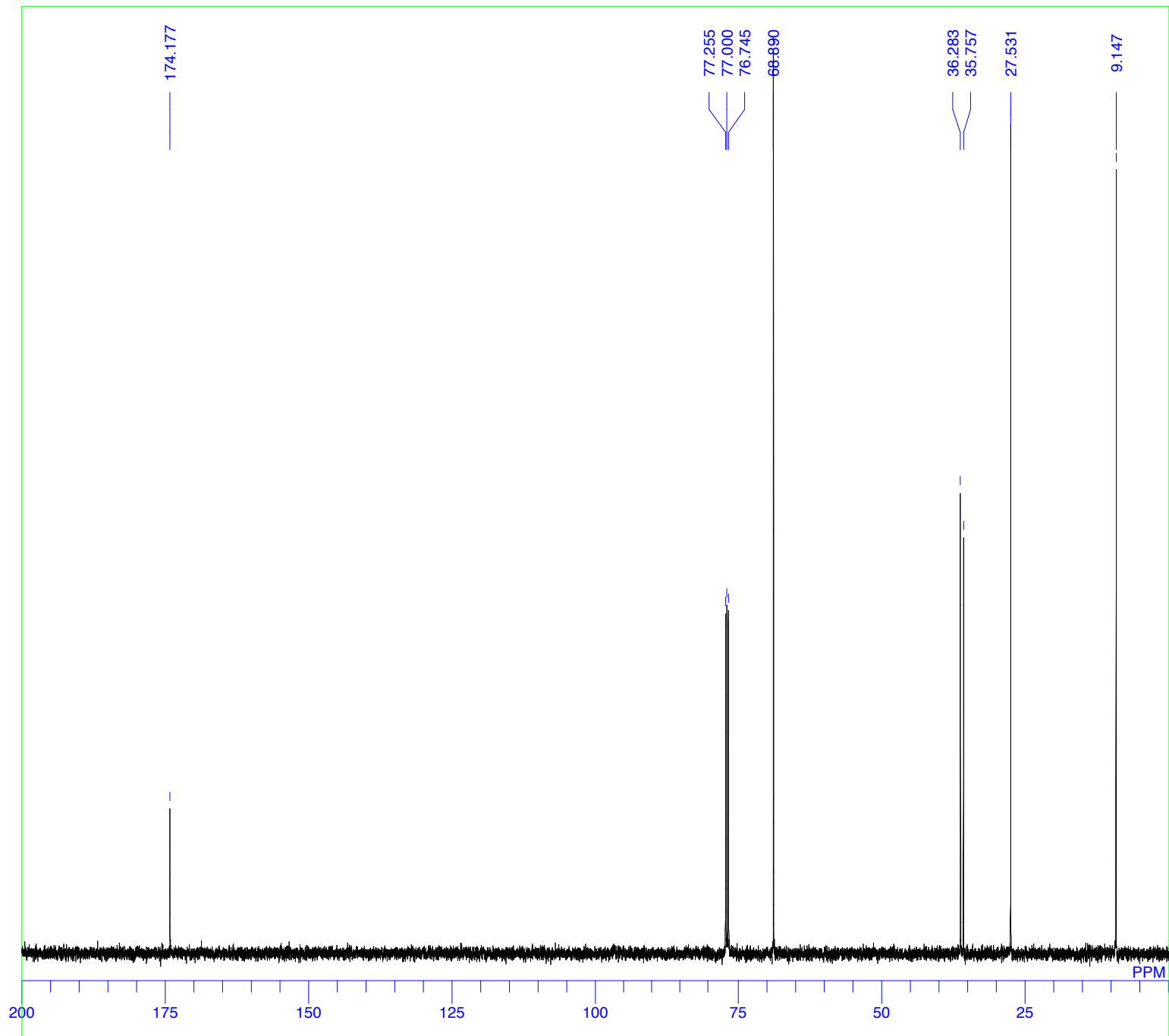
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RGAIN 30



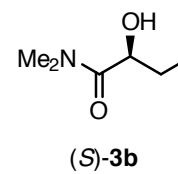


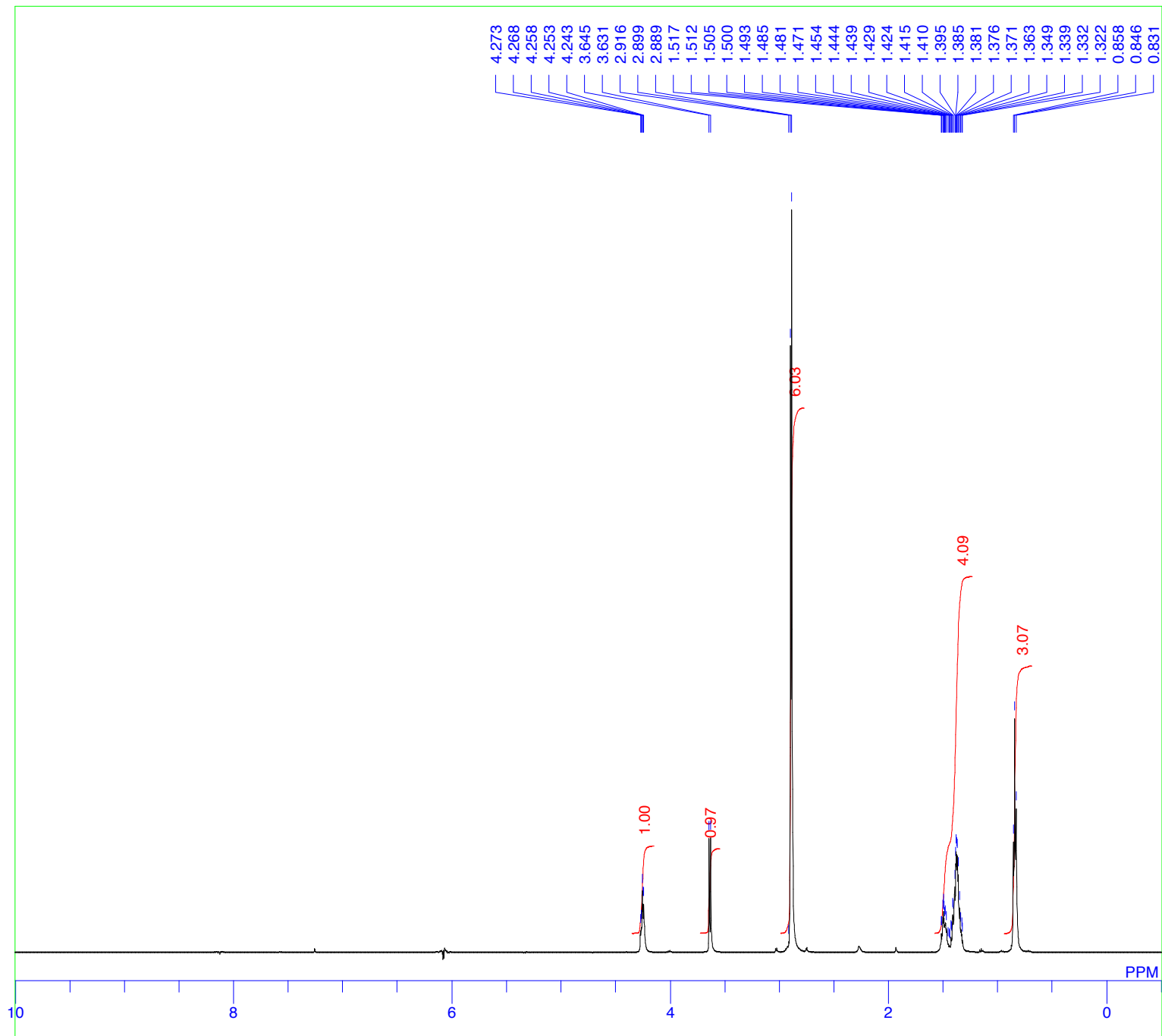
DFILE 3b-1H.als
COMNT
DATIM Mon Jun 06 14:09:03 2011
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 32768
FREQU 10000.00 Hz
SCANS 8
ACQTM 3.2768 sec
PD 3.7232 sec
PW1 6.50 usec
IRNUC 1H
CTEMP 24.4 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 12



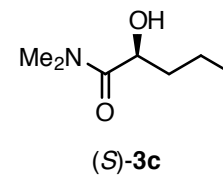


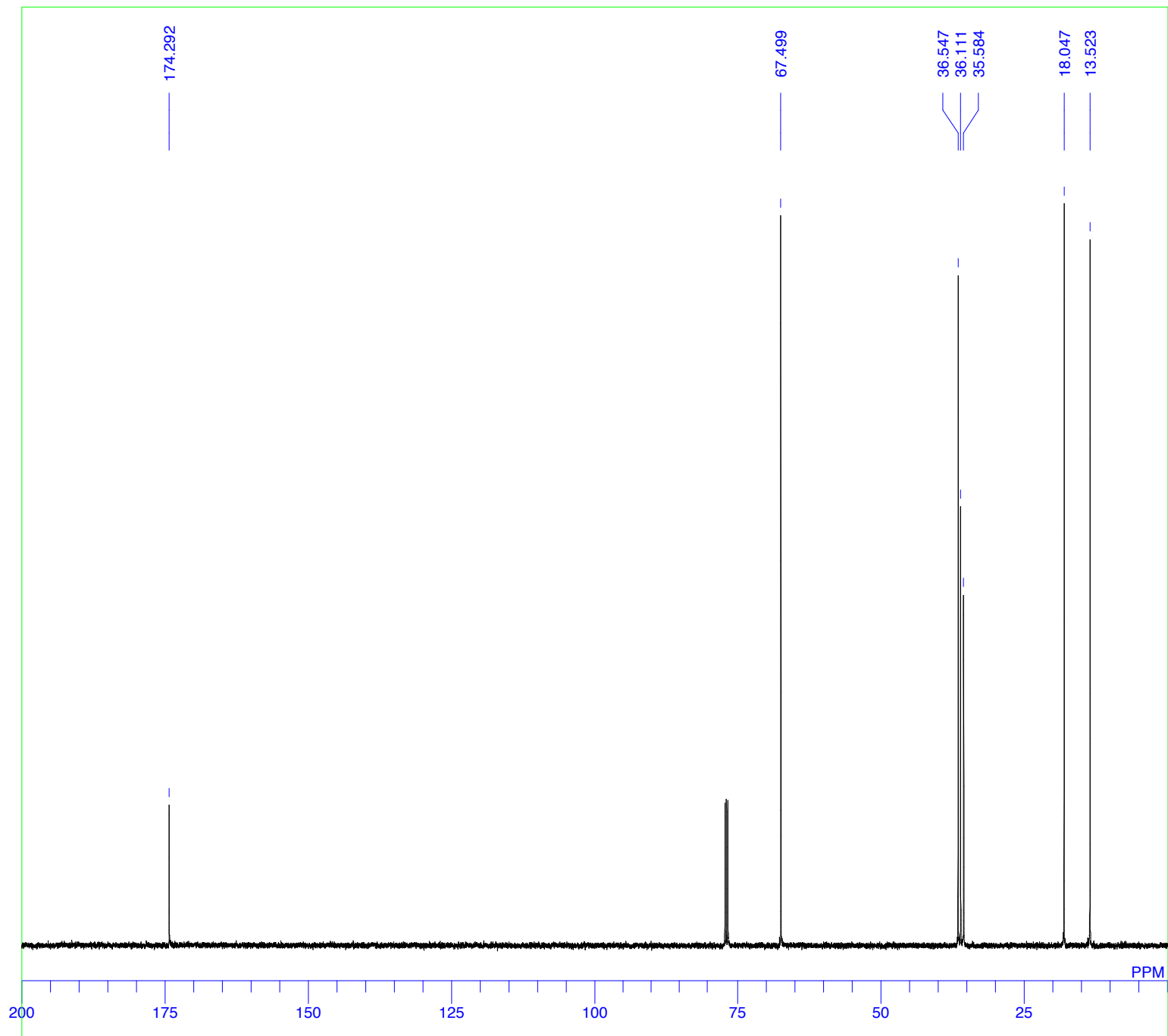
DFILE 3b-13C.als
COMNT
DATIM Mon Jun 06 14:35:01 2011
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 512
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 5.10 usec
IRNUC 1H
CTEMP 26.2 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



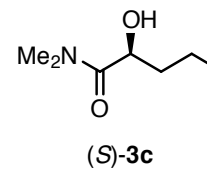


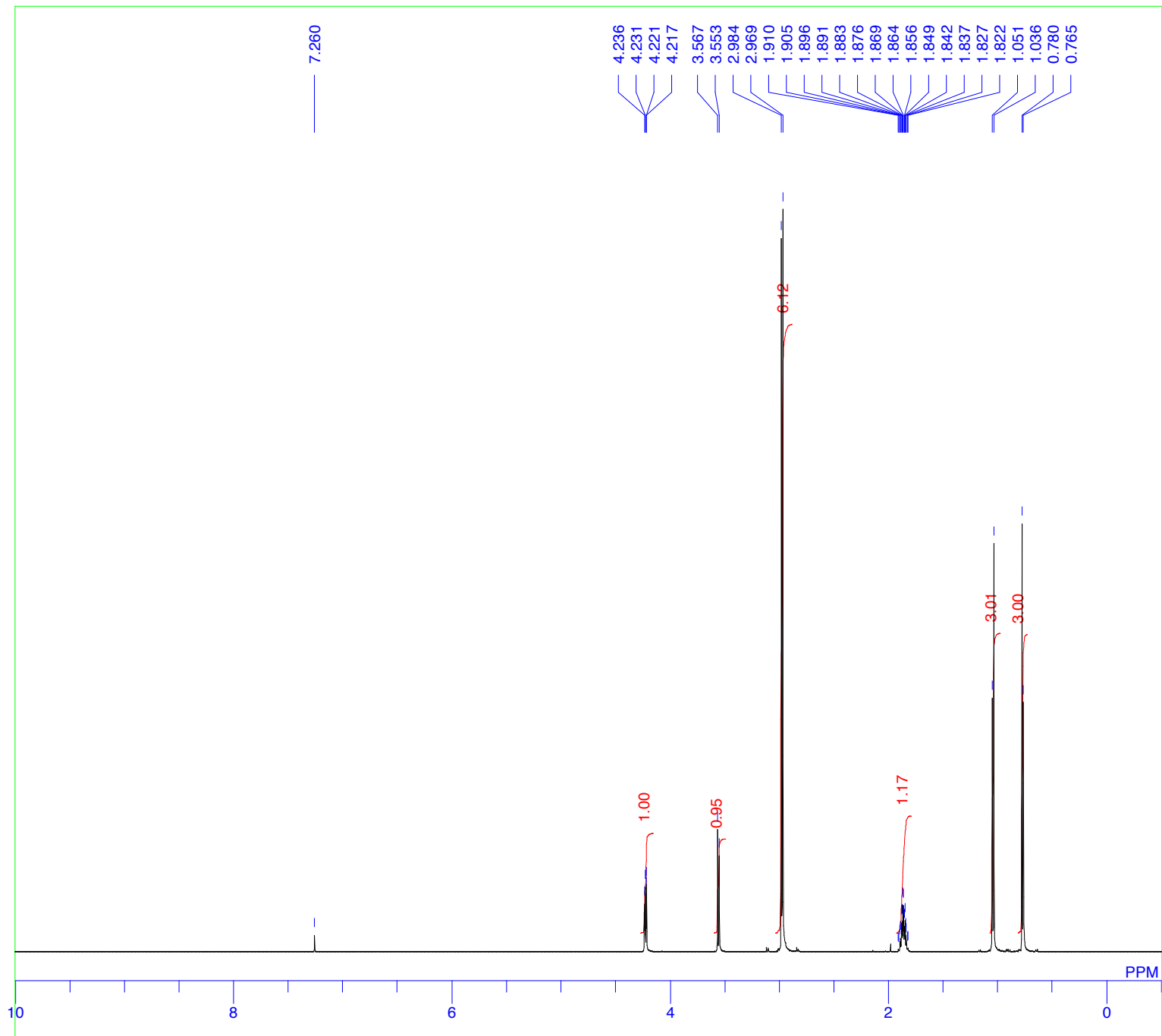
DFILE 3c-1H.als
COMNT
DATIM Mon Jul 11 12:19:52 2011
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 8192
FREQU 10000.00 Hz
SCANS 64
ACQTM 0.8192 sec
PD 6.1808 sec
PW1 6.20 usec
IRNUC 1H
CTEMP 27.5 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 10



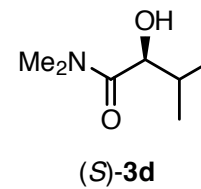


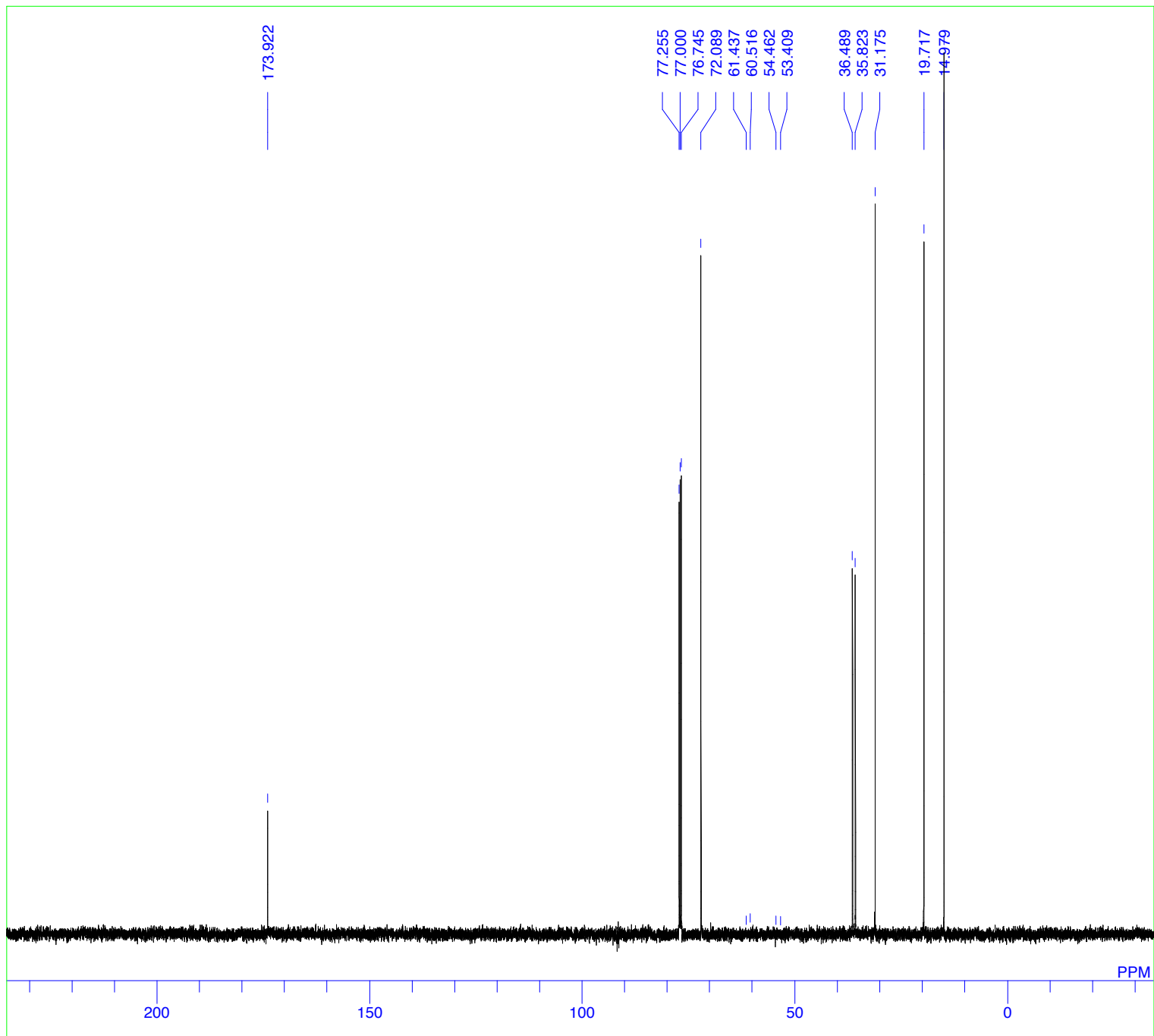
DFILE 3c-13C.als
COMNT
DATIM Mon Jul 11 11:27:50 2011
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 512
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC 1H
CTEMP 28.9 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 31



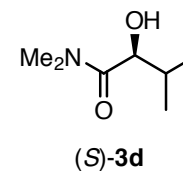


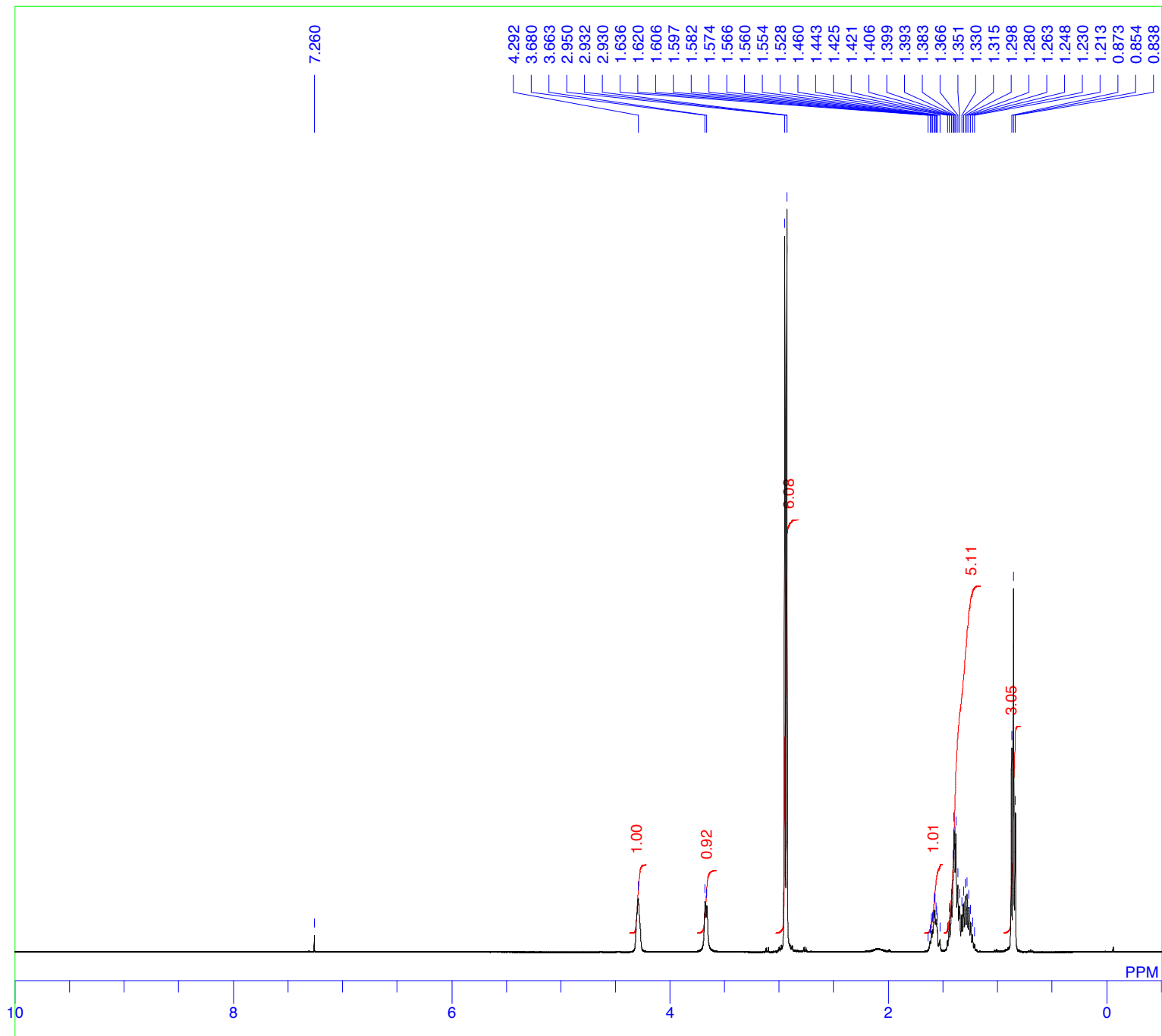
DFILE 3d-1H.als
COMNT
DATIM Fri Dec 16 18:37:41 2011
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 8192
FREQU 10000.00 Hz
SCANS 64
ACQTM 0.8192 sec
PD 6.1808 sec
PW1 6.20 usec
IRNUC 1H
CTEMP 23.0 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 13



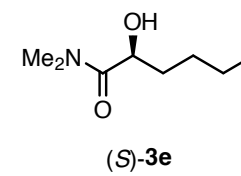


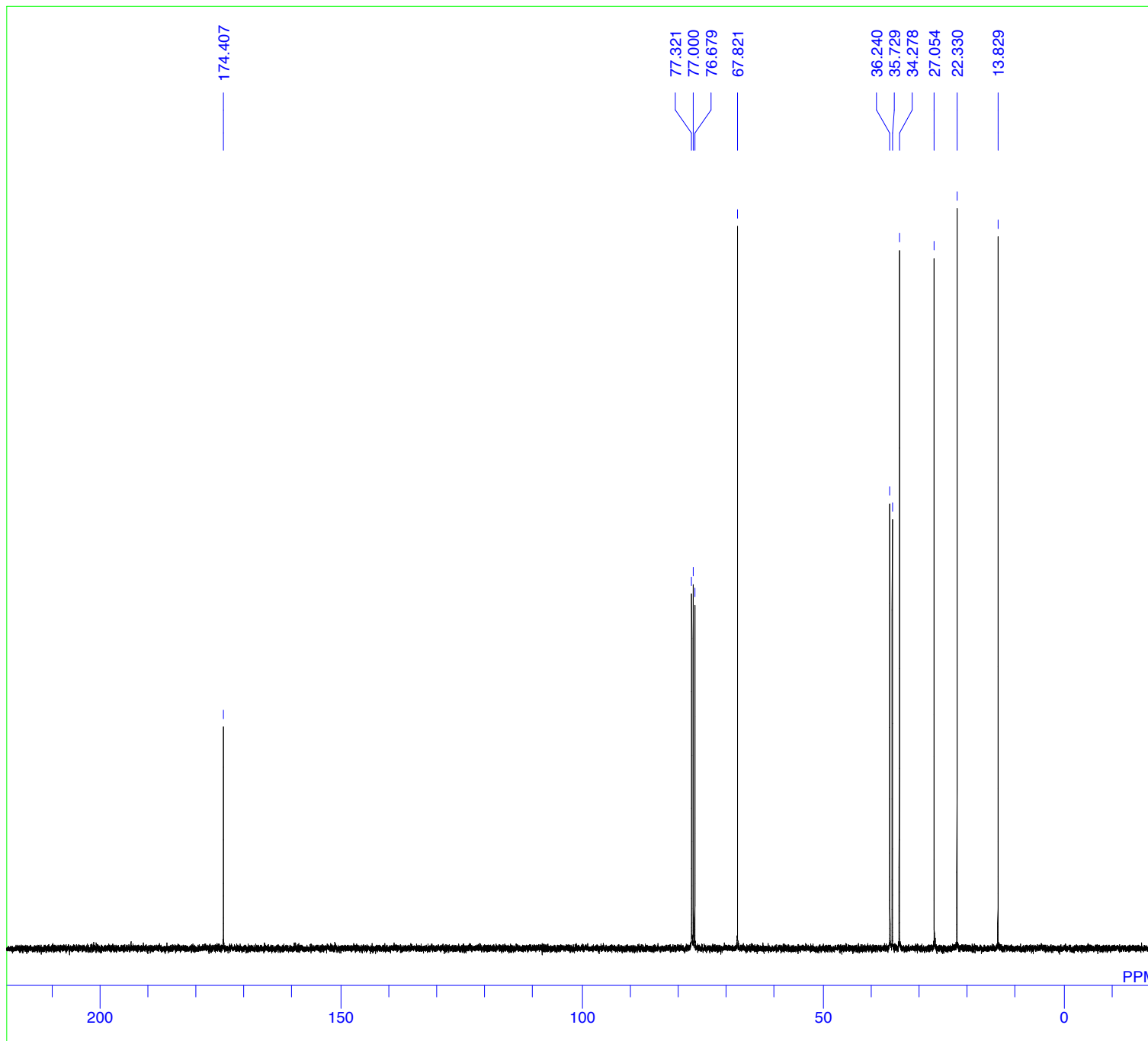
DFILE 3d-13C.als
COMNT
DATIM Fri Dec 16 19:03:39 2011
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 512
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC 1H
CTEMP 25.2 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 31



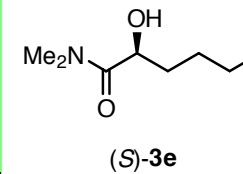


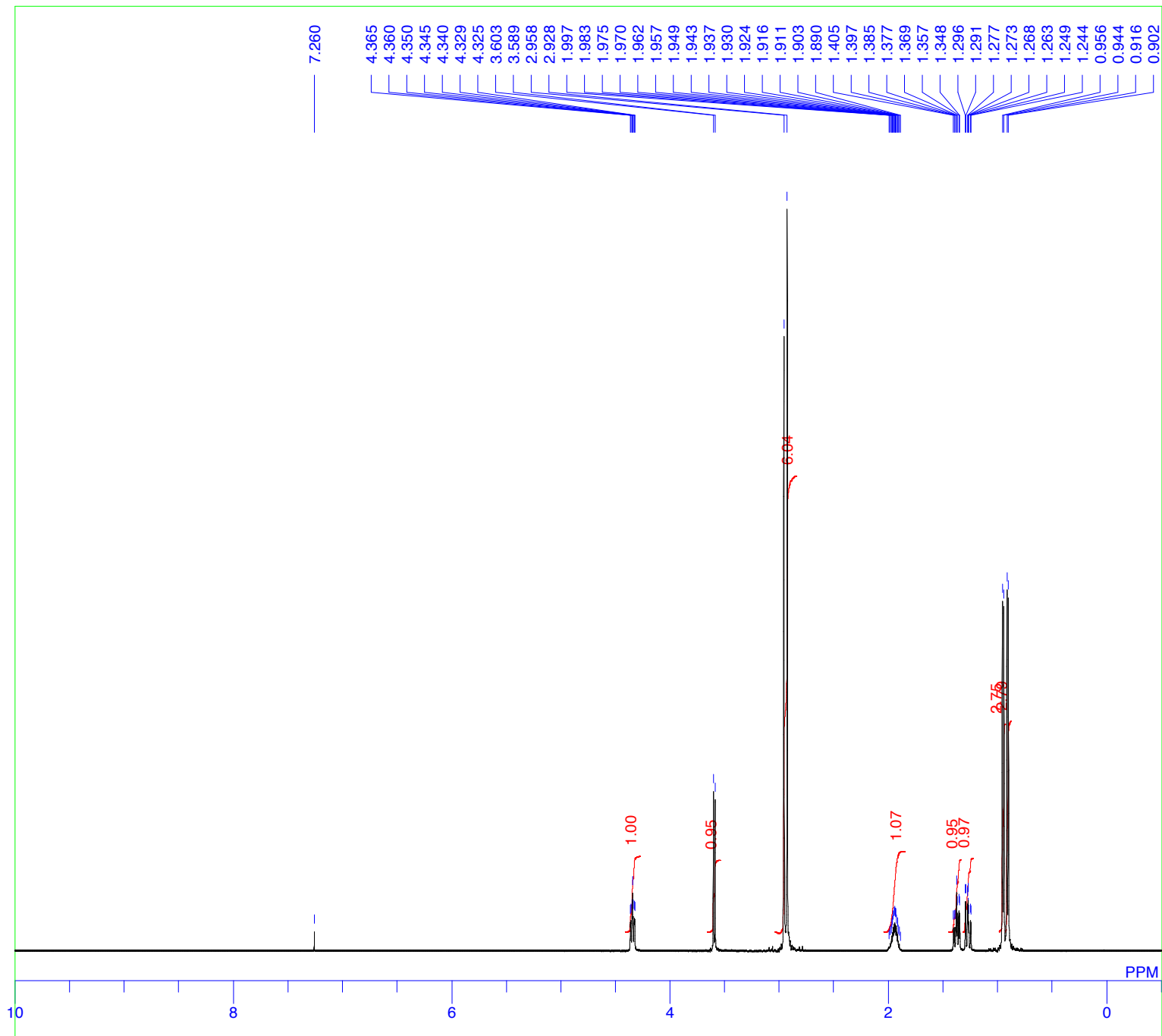
DFILE 3e-1H.als
COMNT
DATIM 2012/Aug/27 03:58:13
OBNUC 1H
EXMOD ZG30
OBFRQ 400.18 MHz
OBSET 0.00 KHz
OBFIN 2478.60 Hz
POINT 32768
FREQU 8223.68 Hz
SCANS 64
ACQTM 0.0000 sec
PD 0.0000 sec
PW1 13.00 usec
IRNUC OFF
CTEMP 23.9 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.25 Hz
RGAIN 64



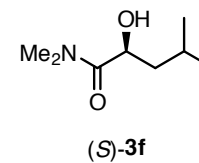


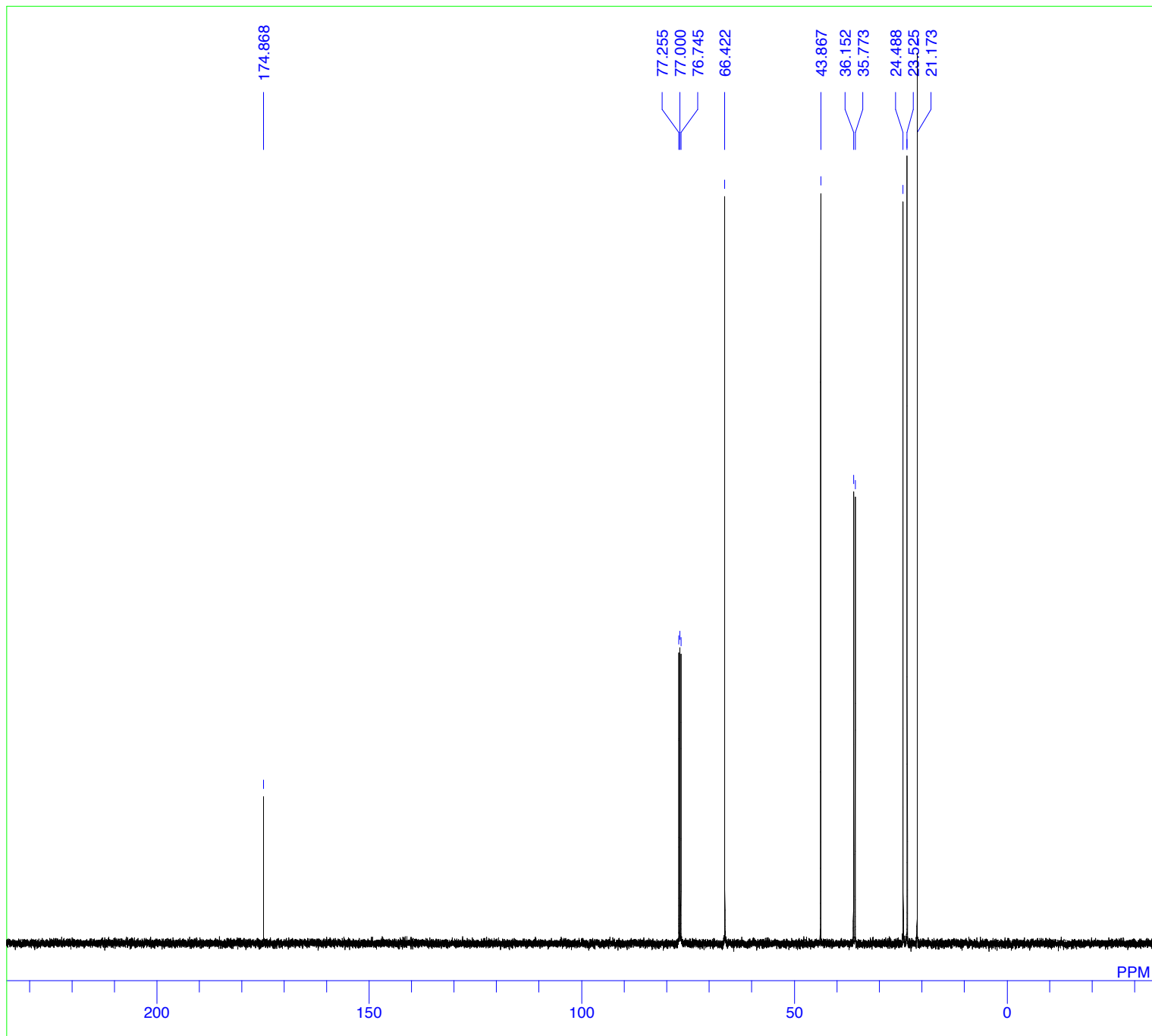
DFILE 3e-13C.als
COMNT
DATIM 2012/Aug/27 04:15:25
OBNUC 13C
EXMOD ZGPG30
OBFRQ 100.63 MHz
OBSET 0.00 KHz
OBFIN 10060.25 Hz
POINT 32768
FREQU 24038.46 Hz
SCANS 256
ACQTM 0.0000 sec
PD 0.0000 sec
PW1 7.10 usec
IRNUC OFF
CTEMP 24.9 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 0.25 Hz
RGAIN 322



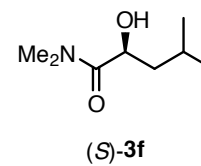


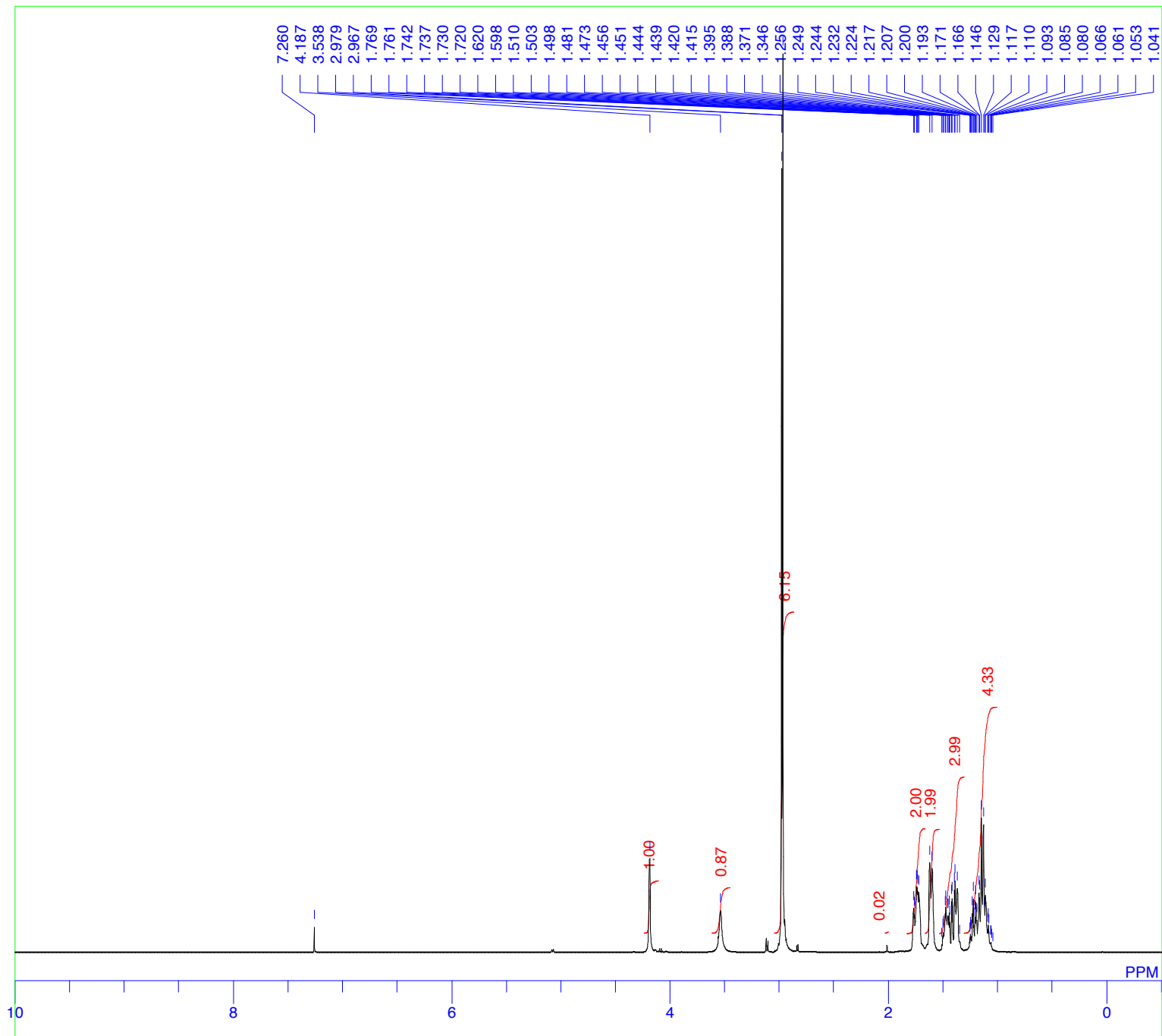
DFILE 3f-1H.als
COMNT
DATIM Mon Jun 06 20:12:46 2011
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 32768
FREQU 10000.00 Hz
SCANS 8
ACQTM 3.2768 sec
PD 3.7232 sec
PW1 6.50 usec
IRNUC 1H
CTEMP 25.3 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 13



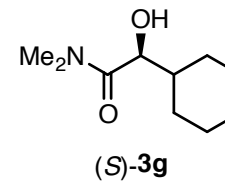


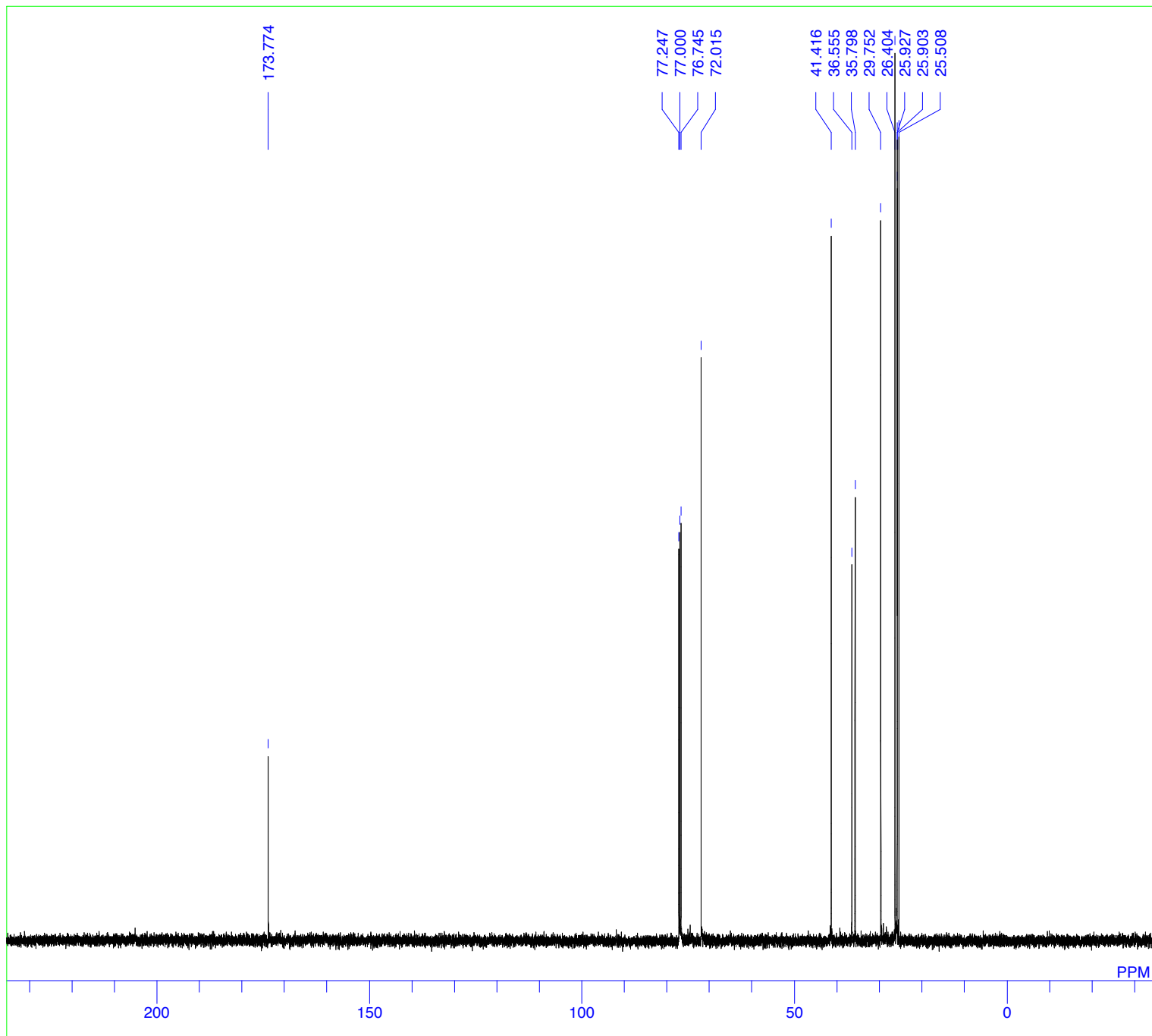
DFILE 3f-13C.als
COMNT
DATIM Mon Jun 06 20:38:40 2011
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 512
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 5.10 usec
IRNUC 1H
CTEMP 26.4 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



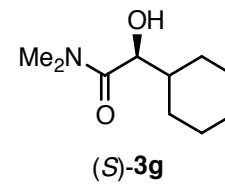


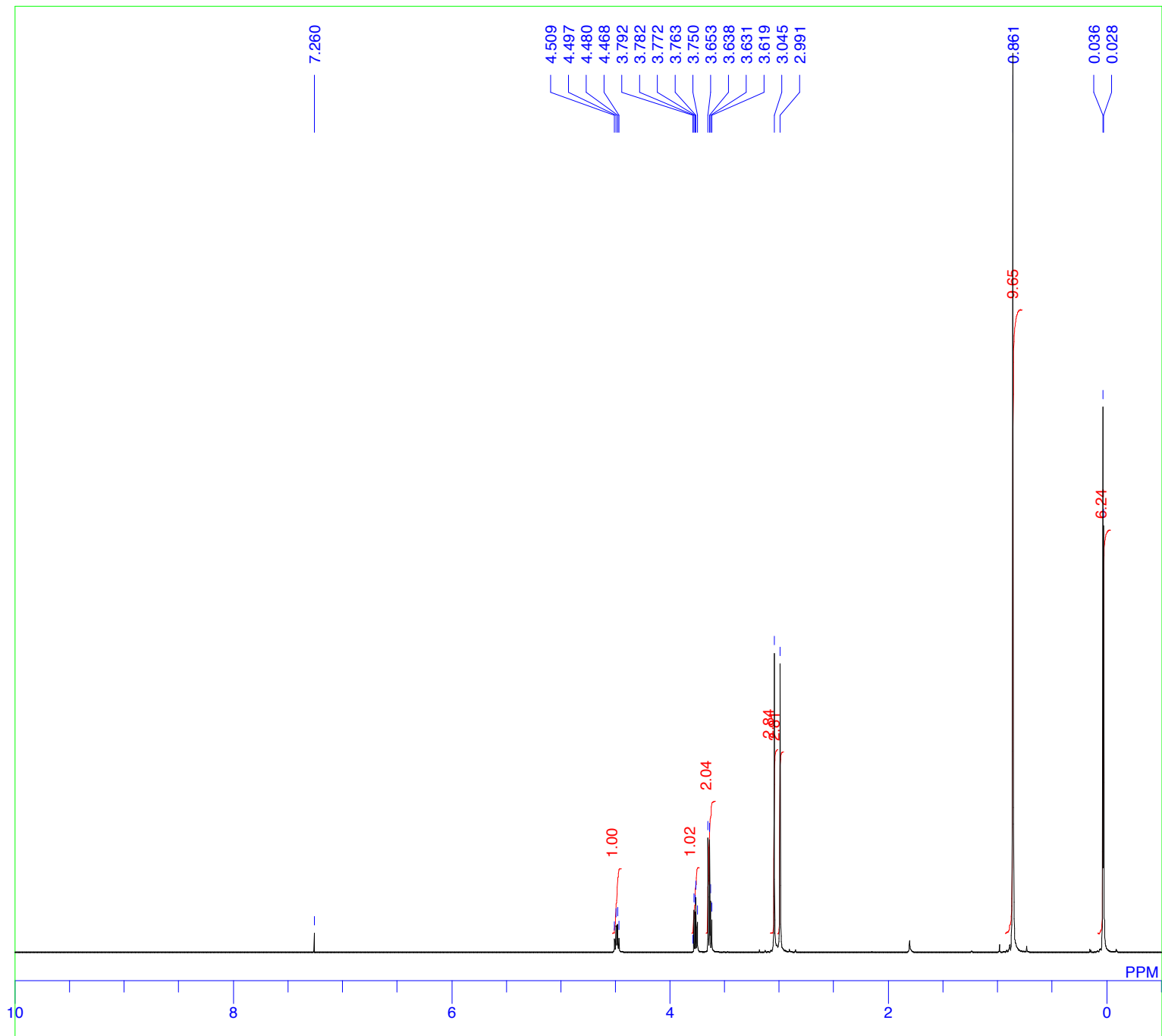
DFILE 3g-1H.als
COMNT
DATIM Tue Jan 10 18:23:31 2012
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 8192
FREQU 10000.00 Hz
SCANS 64
ACQTM 0.8192 sec
PD 6.1808 sec
PW1 6.20 usec
IRNUC 1H
CTEMP 23.9 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 13



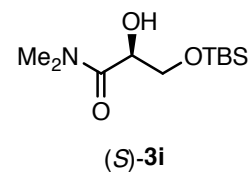


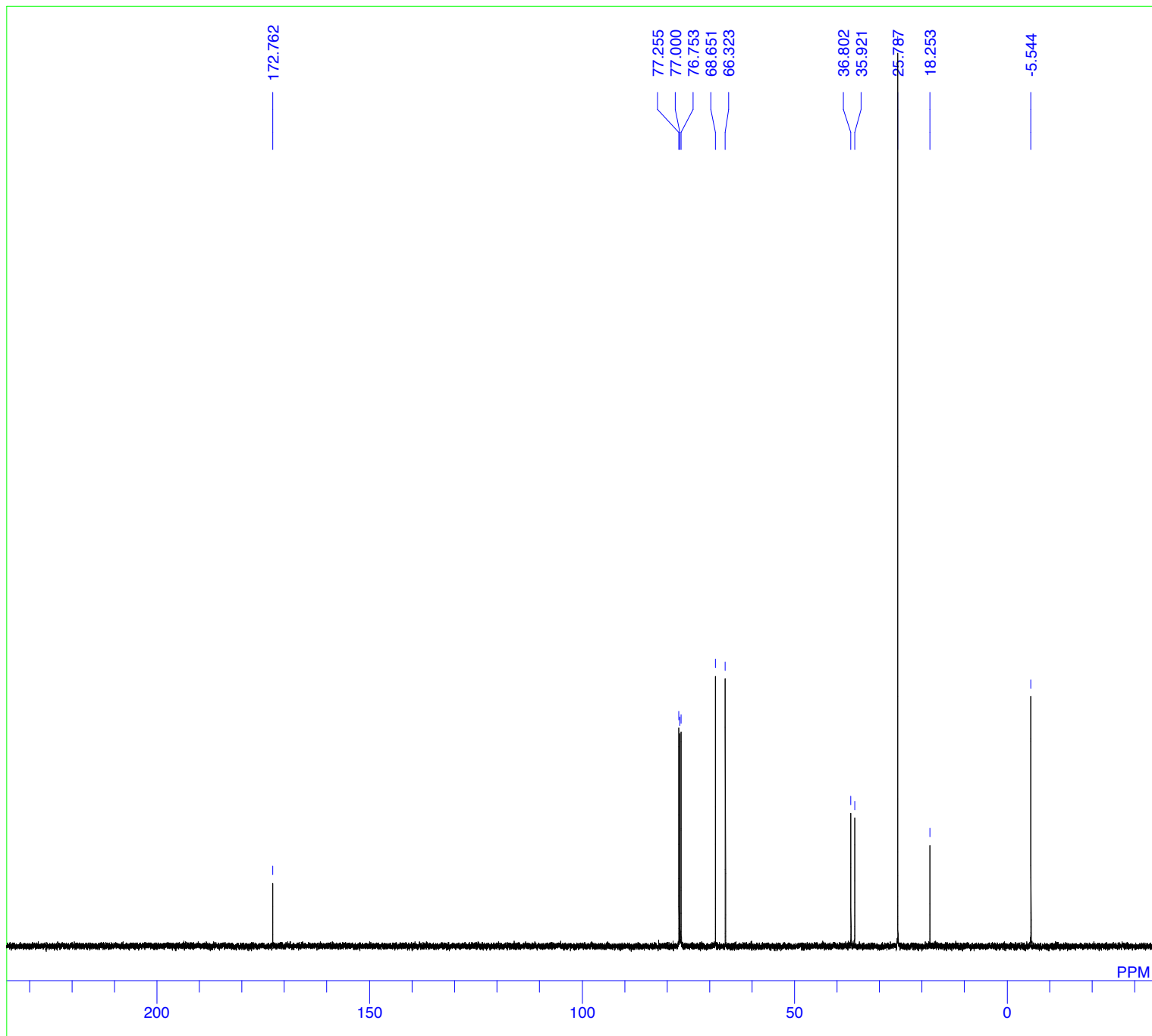
DFILE 3g-13C.als
COMNT
DATIM Tue Jan 10 18:49:27 2012
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 512
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC 1H
CTEMP 25.7 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 31



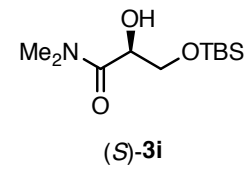


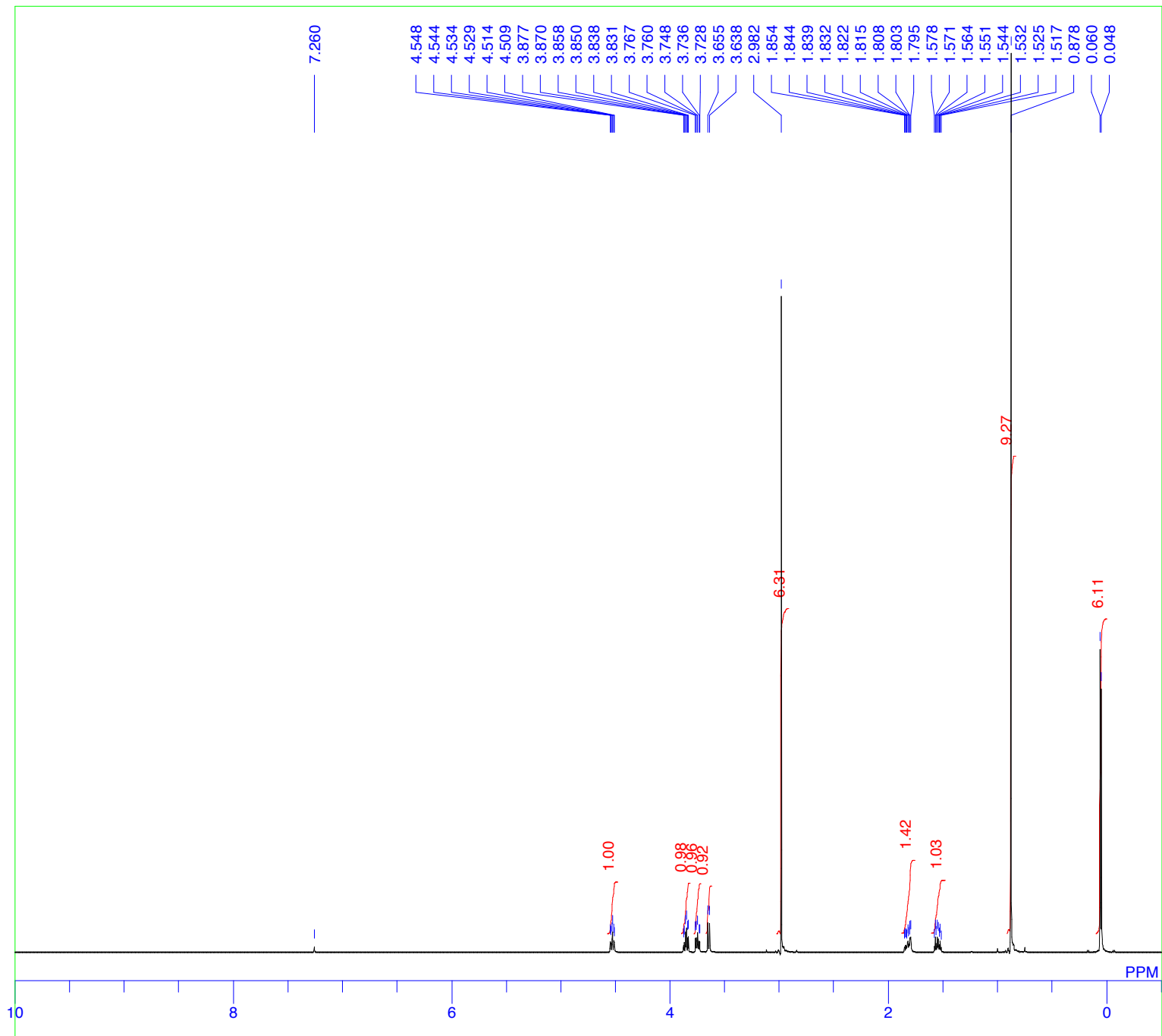
DFILE 3i-1H.als
COMNT
DATIM Fri Sep 30 20:24:13 2011
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 8192
FREQU 10000.00 Hz
SCANS 64
ACQTM 0.8192 sec
PD 6.1808 sec
PW1 6.20 usec
IRNUC 1H
CTEMP 26.2 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 13



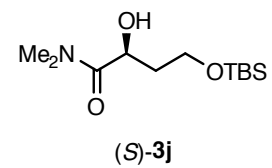


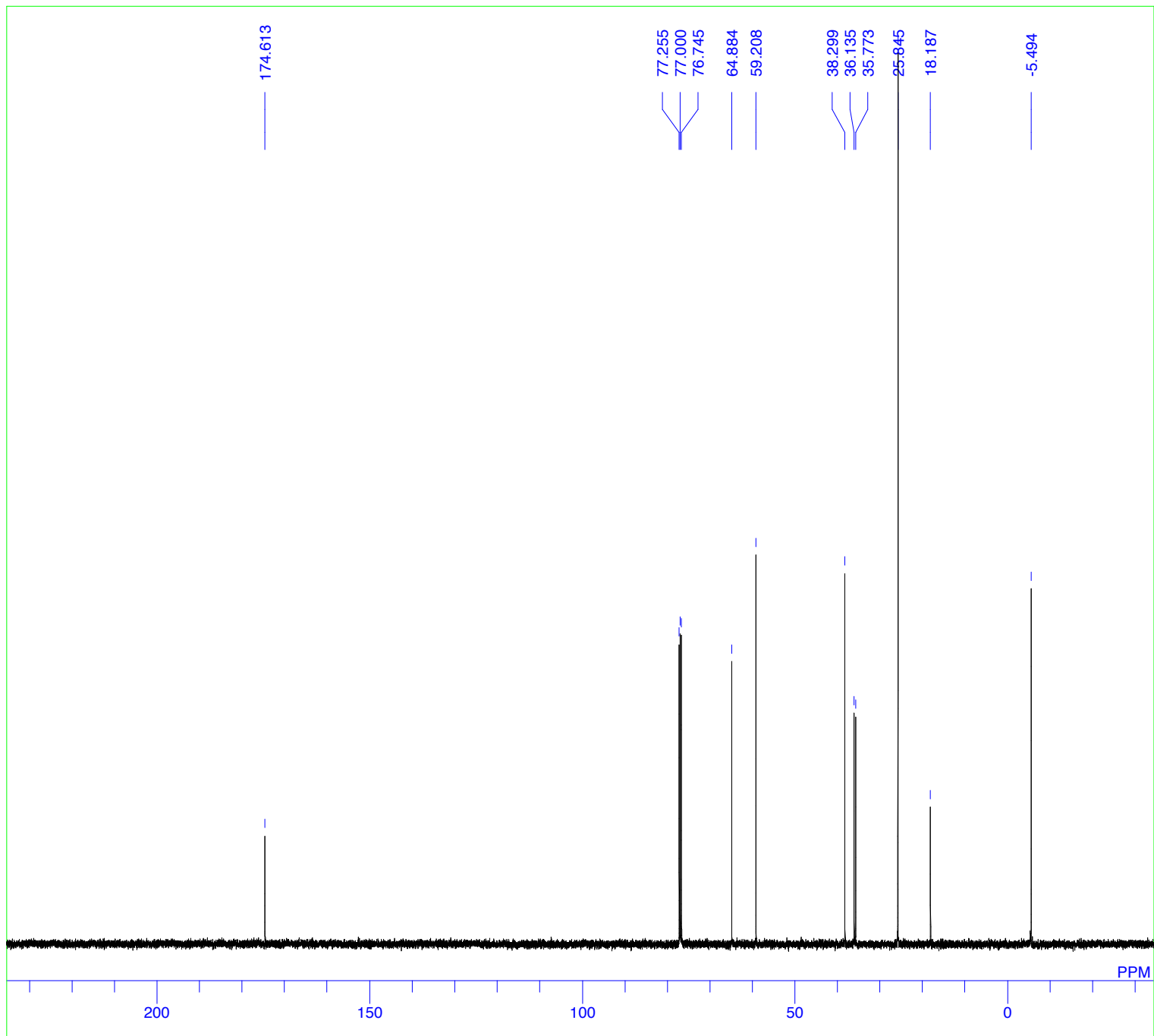
DFILE 3i-13C.als
COMNT
DATIM Fri Sep 30 20:50:10 2011
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 512
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC 1H
CTEMP 27.4 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



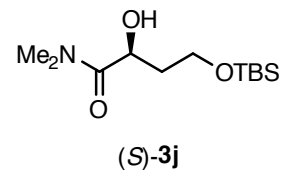


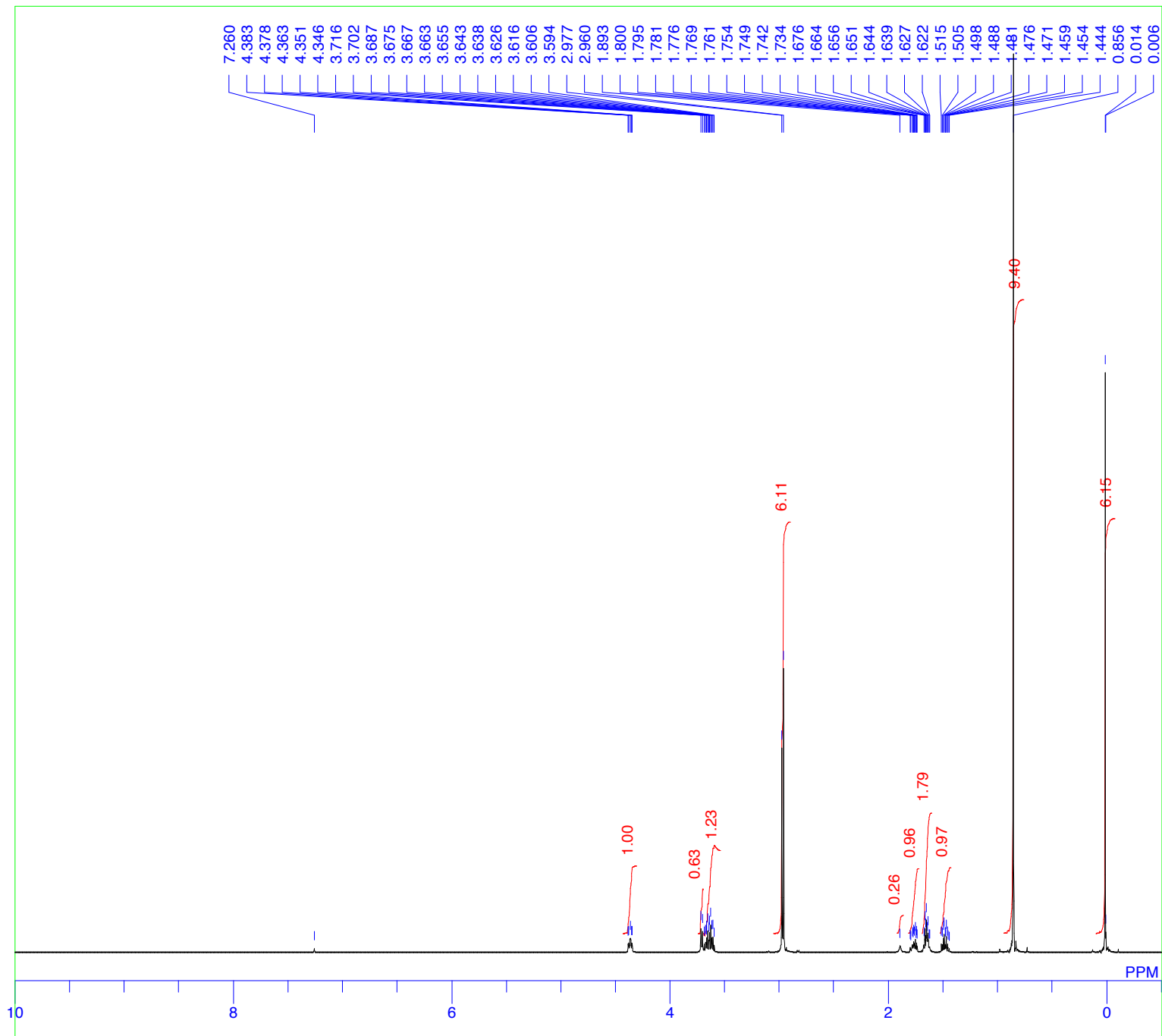
DFILE 3j-1H.als
COMNT
DATIM Mon Jul 25 17:10:13 2011
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 8192
FREQU 10000.00 Hz
SCANS 32
ACQTM 0.8192 sec
PD 6.1808 sec
PW1 6.20 usec
IRNUC 1H
CTEMP 27.5 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 13



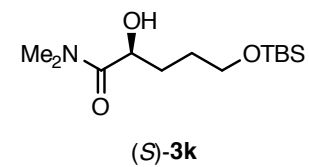


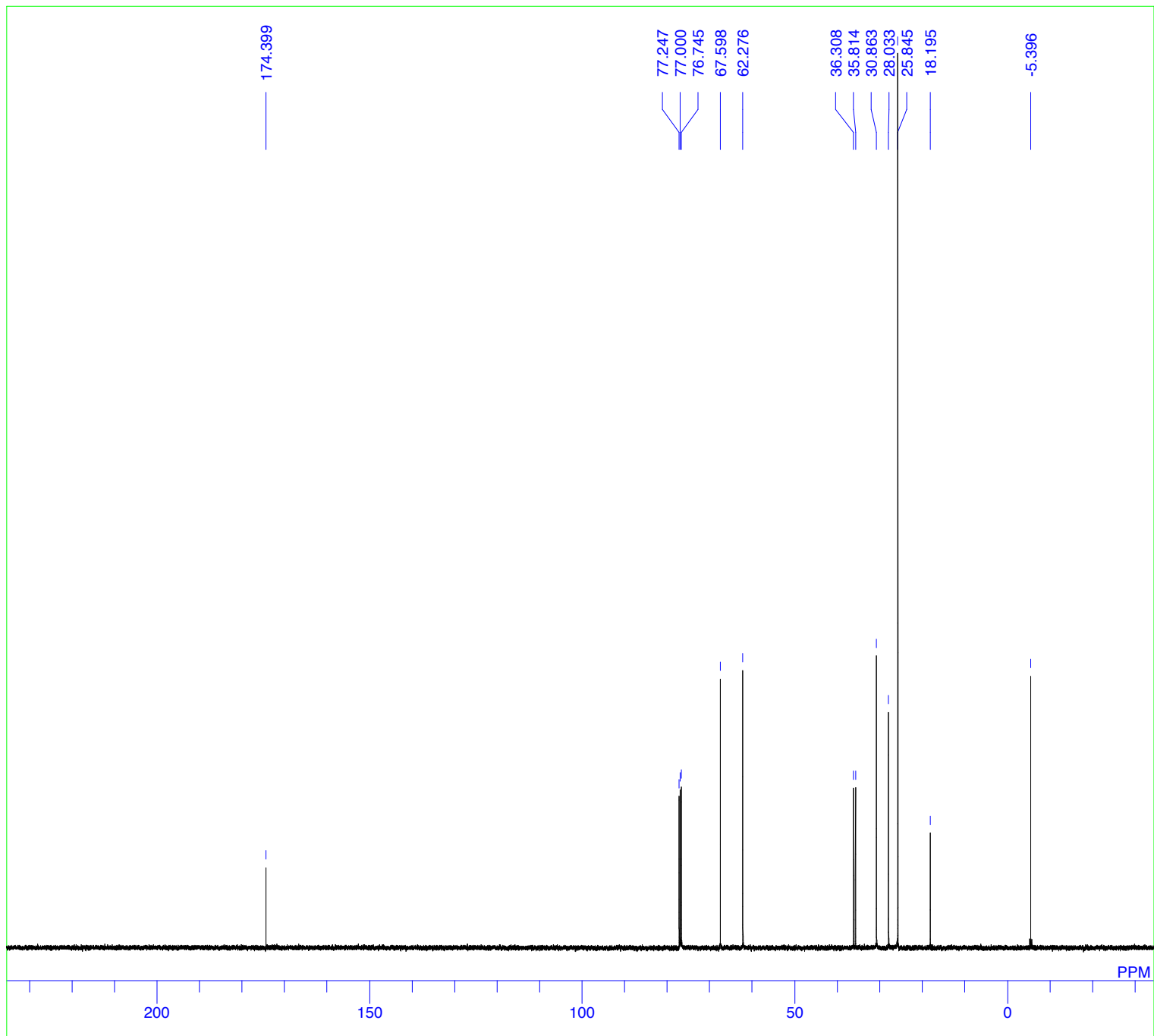
DFILE 3j-13C.als
COMNT
DATIM Mon Jul 25 17:36:07 2011
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 512
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC 1H
CTEMP 28.7 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



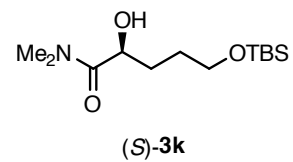


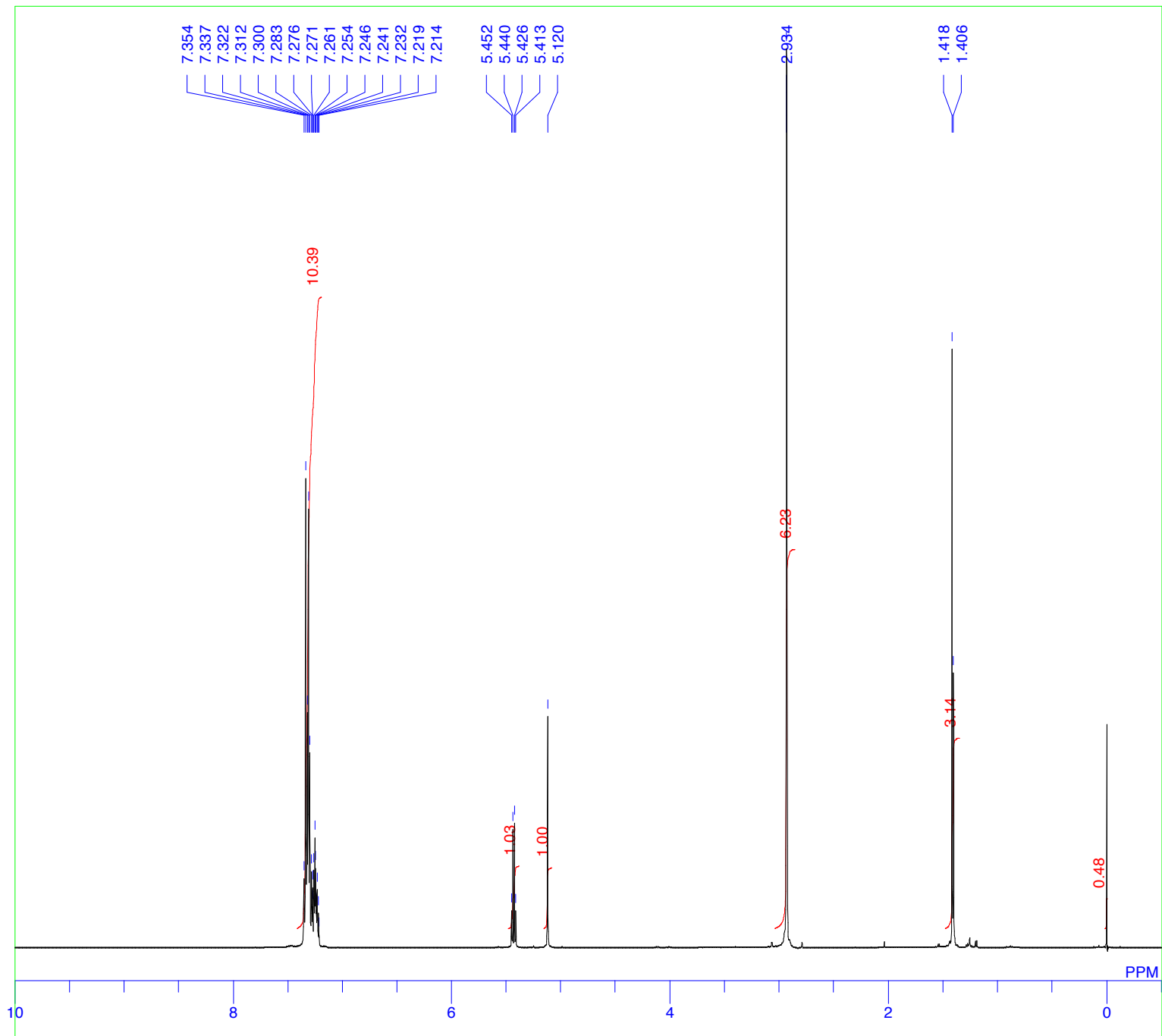
DFILE 3k-1H.als
 COMNT
 DATIM Wed Aug 03 18:28:49 2011
 OBNUC 1H
 EXMOD non
 OBFRQ 500.00 MHz
 OBSET 0.00 KHz
 OBFIN 162160.00 Hz
 POINT 8192
 FREQU 10000.00 Hz
 SCANS 16
 ACQTM 0.8192 sec
 PD 6.1808 sec
 PW1 6.20 usec
 IRNUC 1H
 CTEMP 27.1 c
 SLVNT CDCL3
 EXREF 7.26 ppm
 BF 0.12 Hz
 RGAIN 12



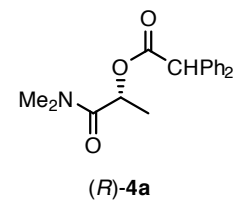


DFILE 3k-13C.als
COMNT
DATIM Wed Aug 03 18:54:46 2011
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 512
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC 1H
CTEMP 28.7 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 31

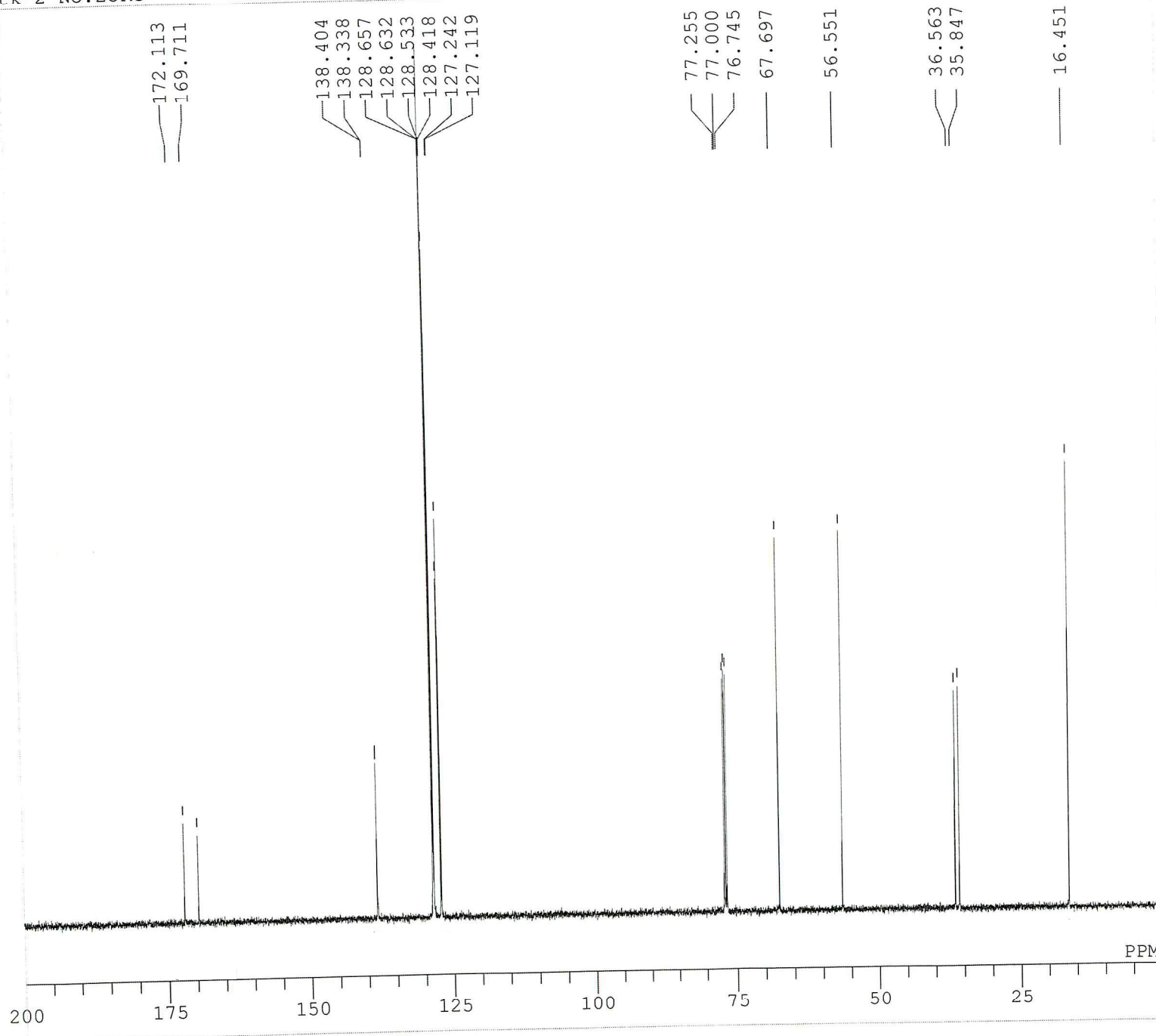




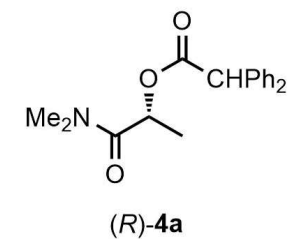
DFILE 4a-1H.als
COMNT
DATIM Mon Jan 28 14:12:53 2013
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 8192
FREQU 10000.00 Hz
SCANS 64
ACQTM 0.8192 sec
PD 6.1808 sec
PW1 6.40 usec
IRNUC 1H
CTEMP 23.7 c
SLVNT CDCL3
EXREF 0.00 ppm
BF 0.12 Hz
RGAIN 11

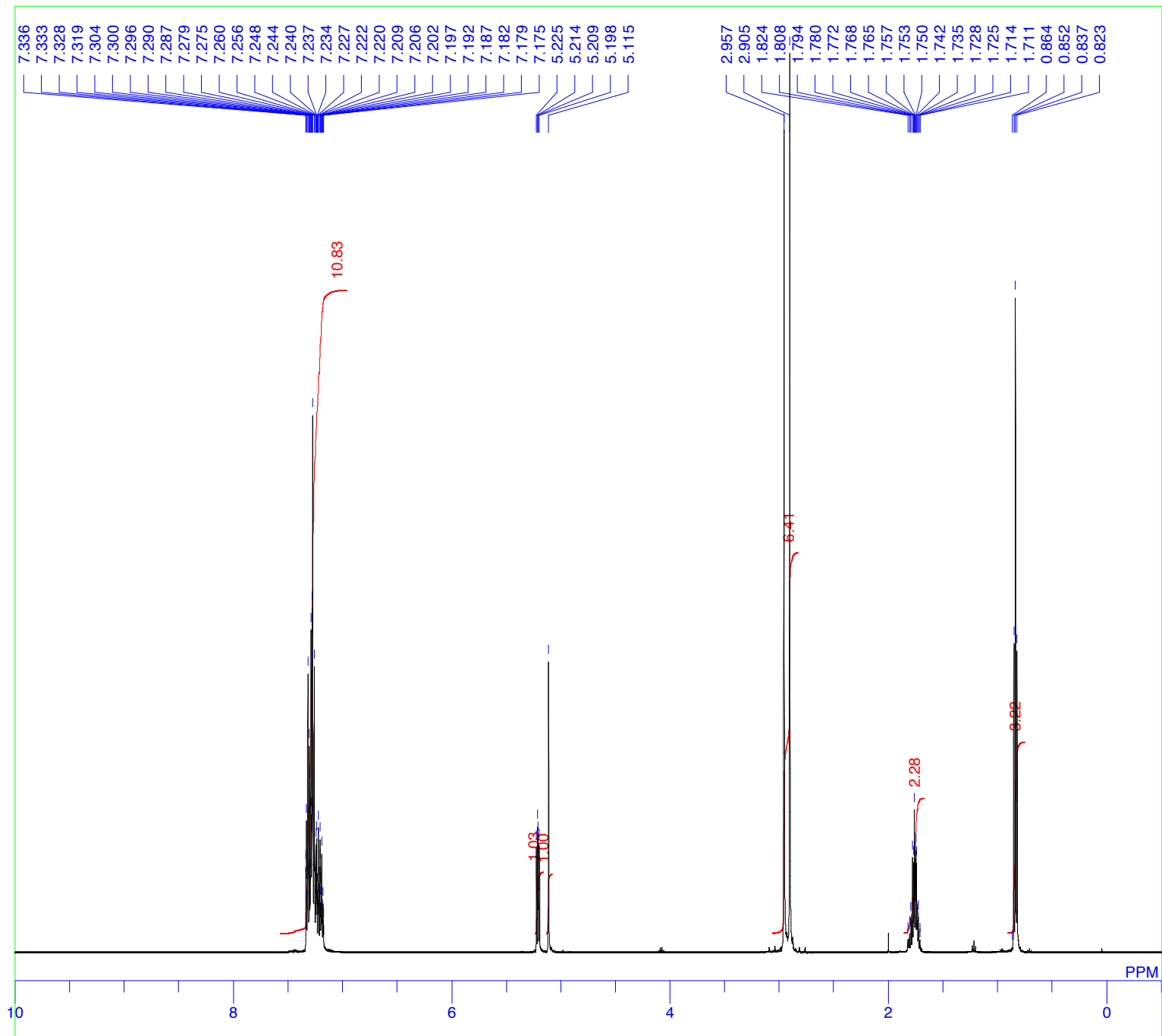


tk-2 No.25Re

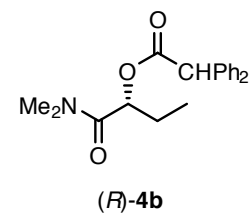


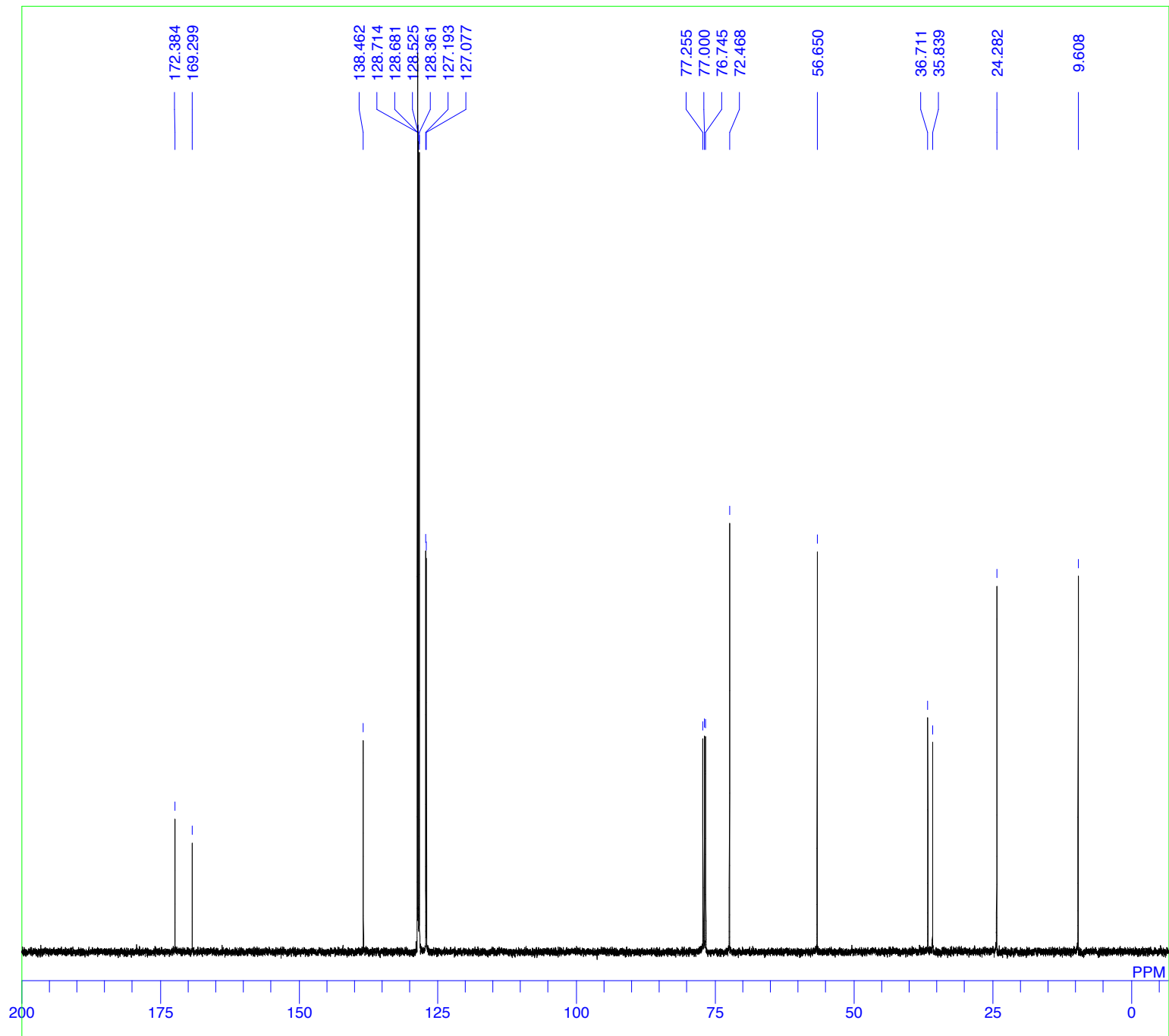
DFILE F:\NMR Spectrum\2-No.1~2-No.
 COMNT tk-2 No.25Re
 DATIM Tue Apr 26 16:42:19 2011
 OBNUC 13C
 EXMOD bcm
 OBFRQ 125.65 MHz
 OBSET 0.00 KHz
 OBFIN 127958.00 Hz
 POINT 32768
 FREQU 33898.30 Hz
 SCANS 512
 ACQTM 0.9667 sec
 PD 2.0333 sec
 PW1 5.10 usec
 IRNUC 1H
 CTEMP 25.6 c
 SLVNT CDCL3
 EXREF 77.00 ppm
 BF 1.20 Hz
 RGAIN 30



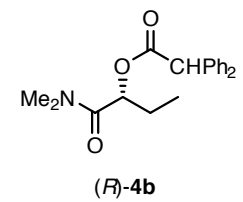


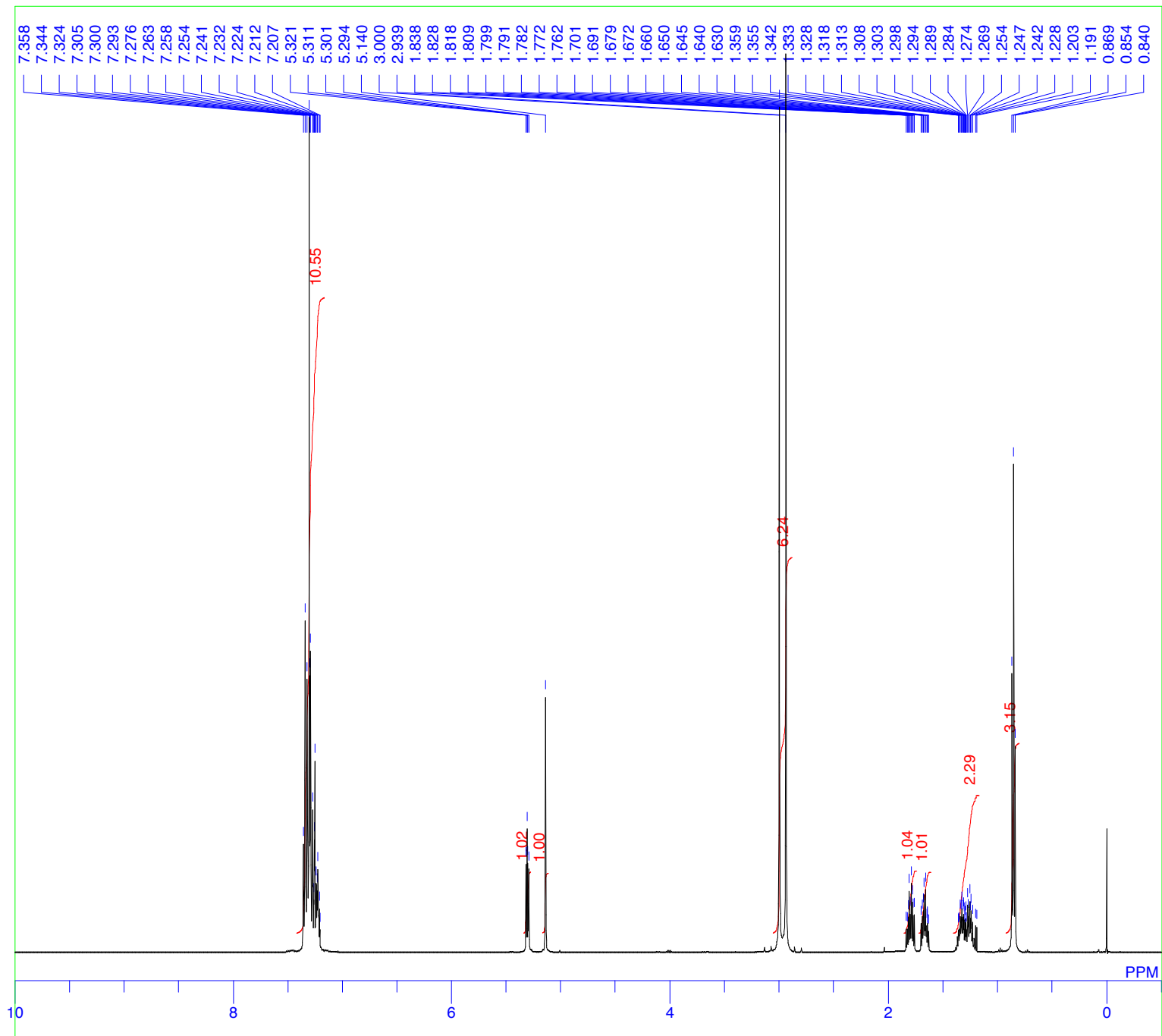
DFILE 4b-1H.als
COMNT
DATIM Wed Jun 08 18:58:10 2011
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 32768
FREQU 10000.00 Hz
SCANS 8
ACQTM 3.2768 sec
PD 3.7232 sec
PW1 6.50 usec
IRNUC 1H
CTEMP 24.8 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 12



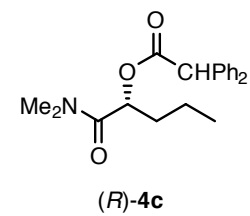


DFILE 4b-13C.als
COMNT
DATIM Wed Jun 08 19:24:04 2011
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 512
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 5.10 usec
IRNUC 1H
CTEMP 26.6 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30

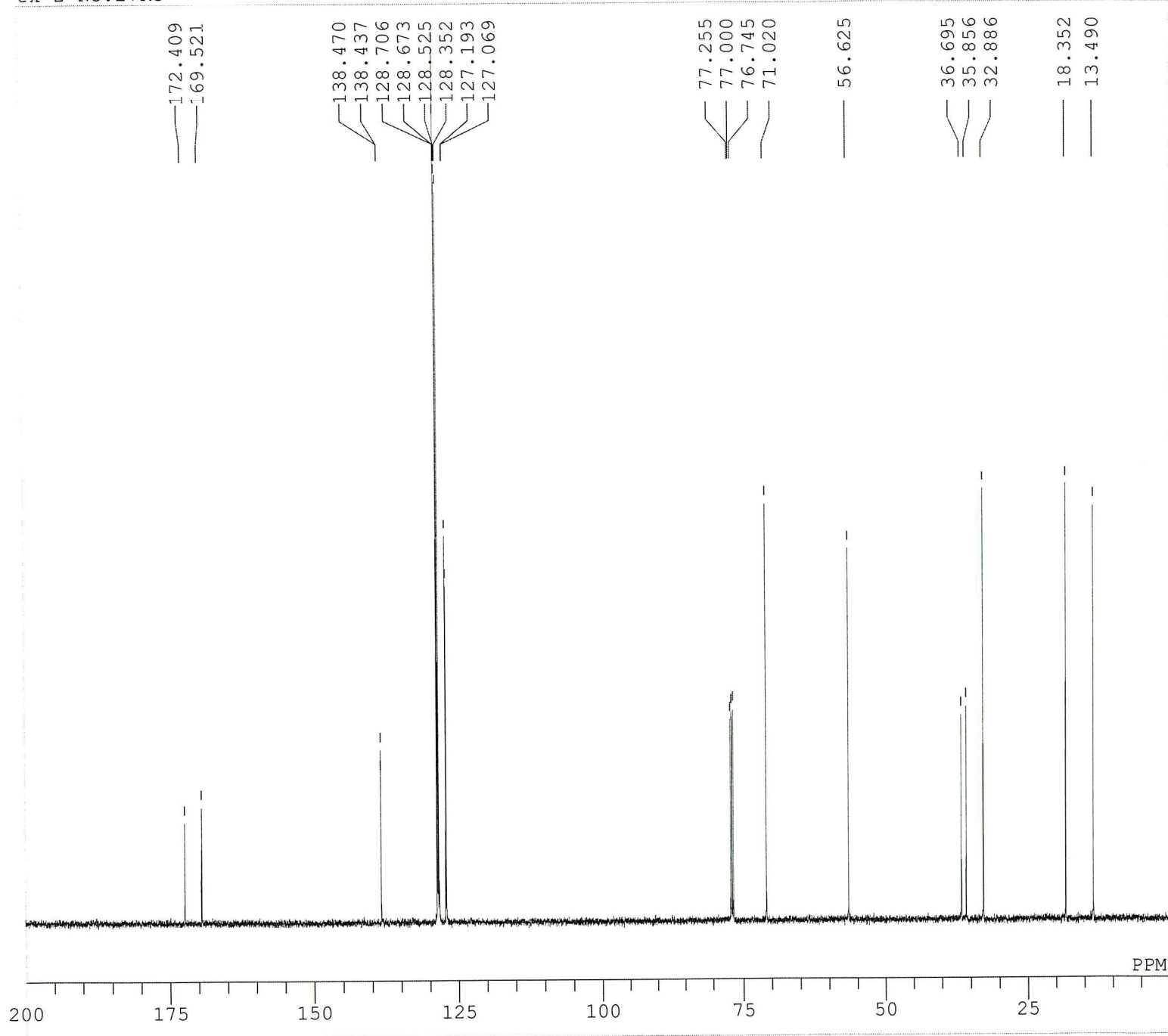




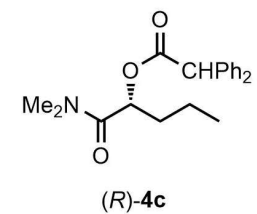
DFILE 4c-1H.als
 COMNT
 DATIM Mon Jan 28 14:24:08 2013
 OBNUC 1H
 EXMOD non
 OBFRQ 500.00 MHz
 OBSET 0.00 KHz
 OBFIN 162160.00 Hz
 POINT 8192
 FREQU 10000.00 Hz
 SCANS 64
 ACQTM 0.8192 sec
 PD 6.1808 sec
 PW1 6.40 usec
 IRNUC 1H
 CTEMP 23.8 c
 SLVNT CDCL3
 EXREF 0.00 ppm
 BF 0.12 Hz
 RGAIN 10

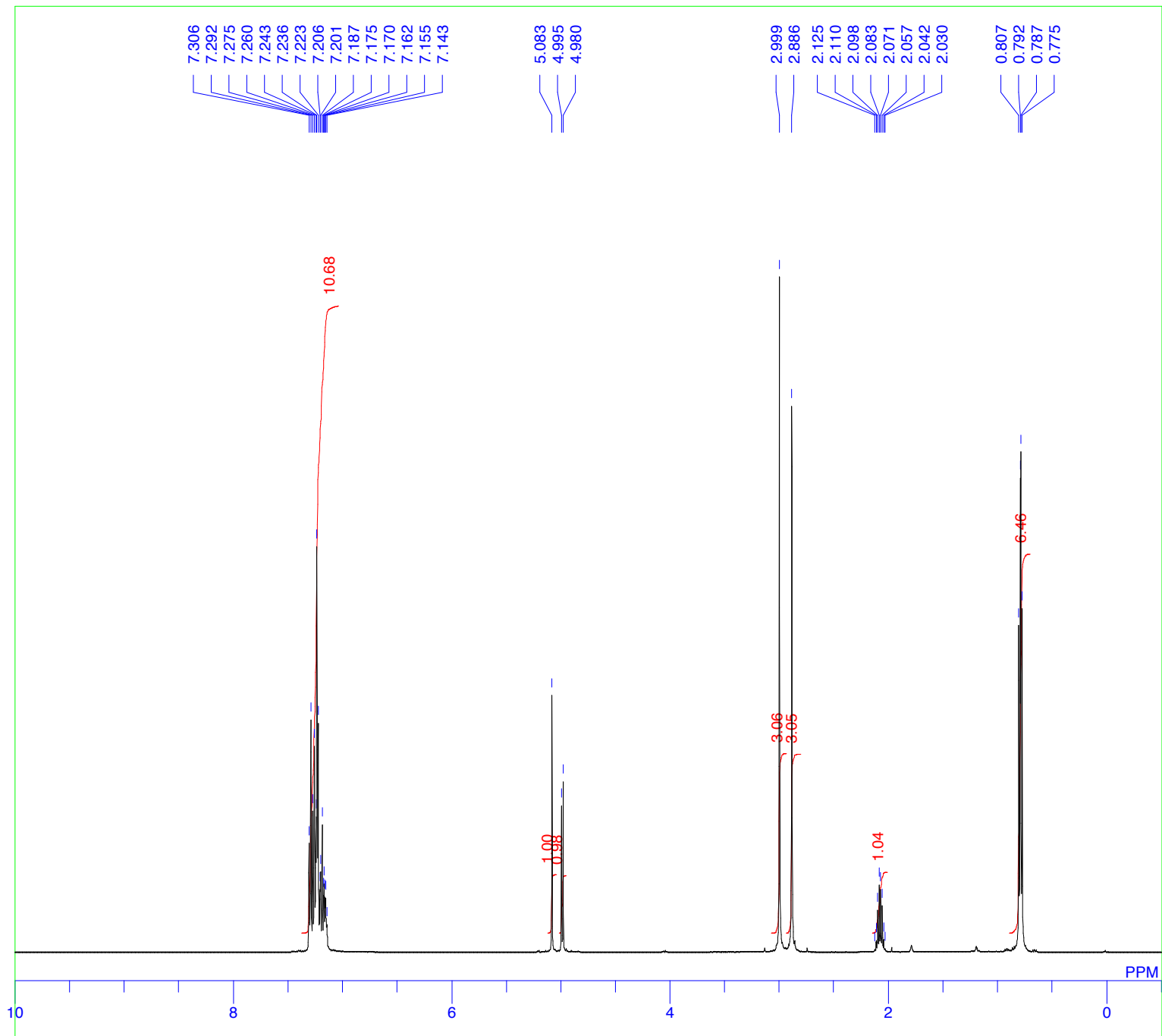


tk-2 No.27Re

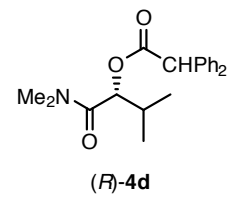


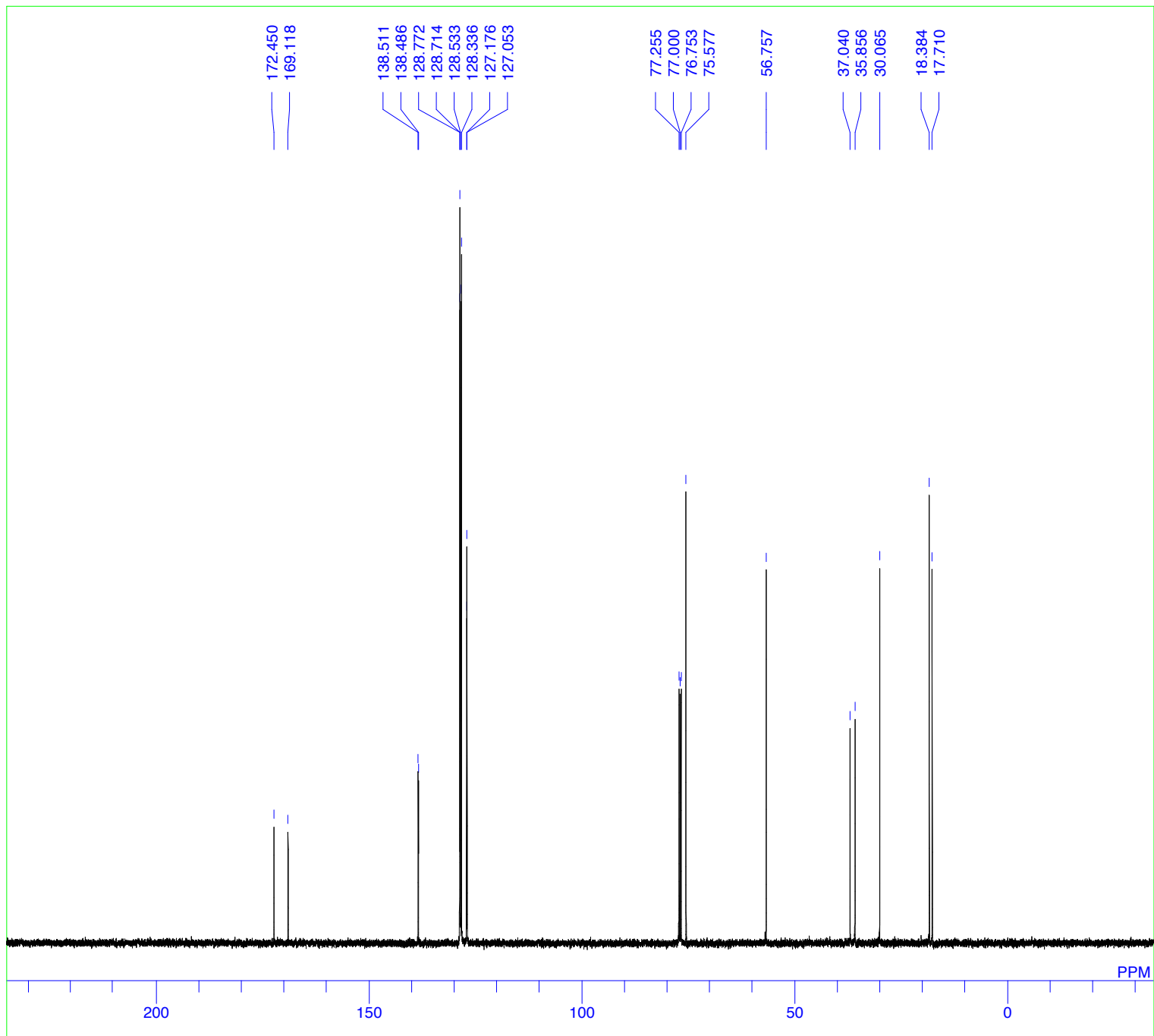
DFILE F:\NMR Spectrum\2-No.1~2-No..
 COMNT tk-2 No.27Re
 DATIM Tue Apr 26 18:06:42 2011
 OBNUC ¹³C
 EXMOD bcm
 OBFRQ 125.65 MHz
 OBSET 0.00 KHz
 OBFIN 127958.00 Hz
 POINT 32768
 FREQU 33898.30 Hz
 SCANS 512
 ACQTM 0.9667 sec
 PD 2.0333 sec
 PW1 5.10 usec
 IRNUC ¹H
 CTEMP 25.6 c
 SLVNT CDCL3
 EXREF 77.00 ppm
 BF 1.20 Hz
 RGAIN 30



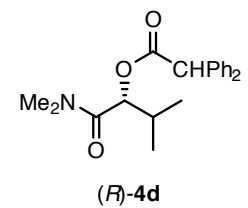


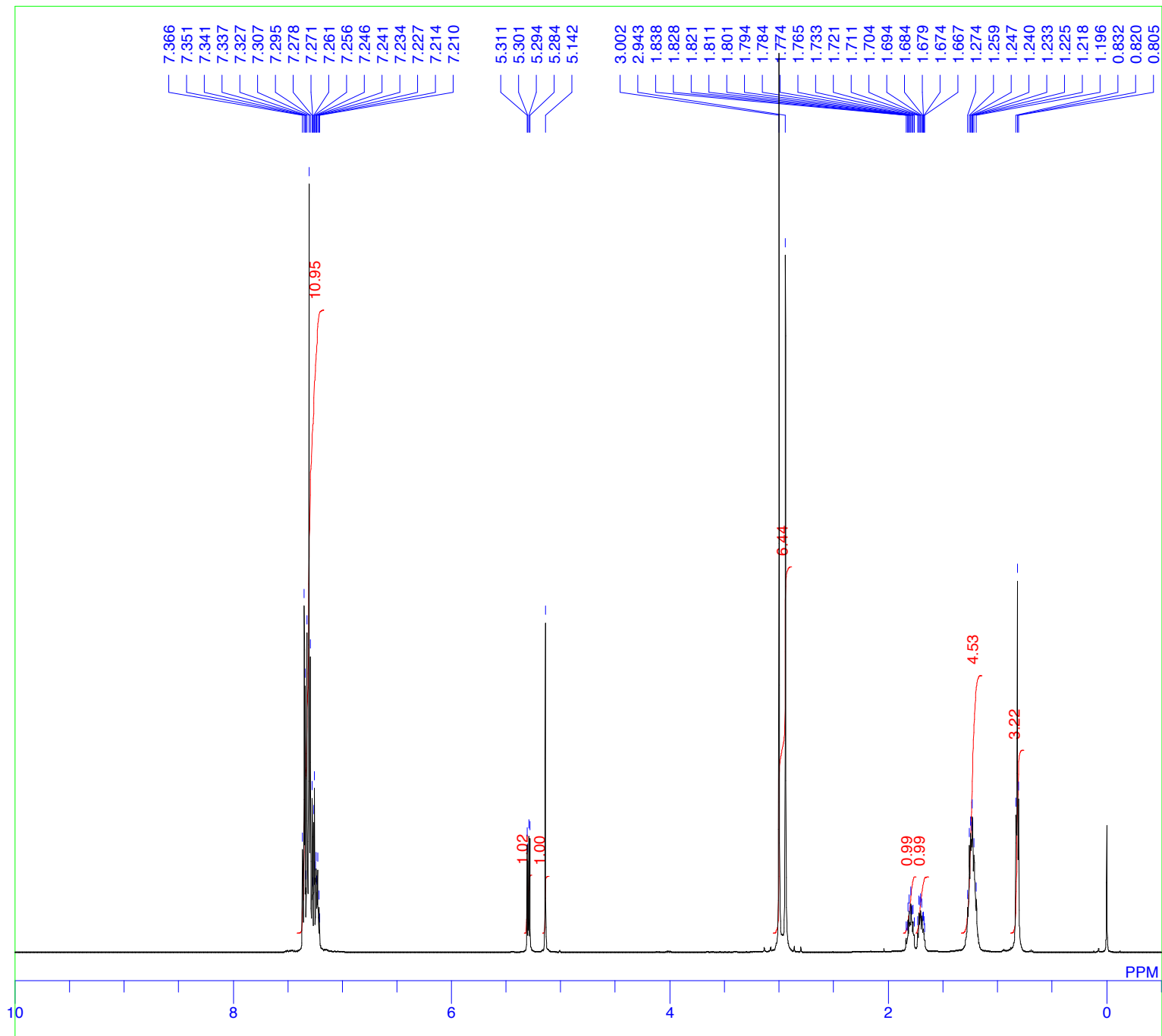
DFILE 4d-1H.als
 COMNT
 DATIM Sat Dec 10 17:25:09 2011
 OBNUC 1H
 EXMOD non
 OBFRQ 500.00 MHz
 OBSET 0.00 KHz
 OBFIN 162160.00 Hz
 POINT 8192
 FREQU 10000.00 Hz
 SCANS 32
 ACQTM 0.8192 sec
 PD 6.1808 sec
 PW1 6.20 usec
 IRNUC 1H
 CTEMP 23.9 c
 SLVNT CDCL3
 EXREF 7.26 ppm
 BF 0.12 Hz
 RGAIN 12



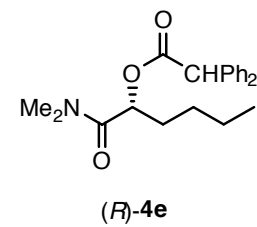


DFILE 4d-13C.als
 COMNT
 DATIM Sat Dec 10 17:51:05 2011
 OBNUC 13C
 EXMOD bcm
 OBFRQ 125.65 MHz
 OBSET 0.00 KHz
 OBFIN 127958.00 Hz
 POINT 32768
 FREQU 33898.30 Hz
 SCANS 512
 ACQTM 0.9667 sec
 PD 2.0333 sec
 PW1 4.90 usec
 IRNUC 1H
 CTEMP 25.8 c
 SLVNT CDCL3
 EXREF 77.00 ppm
 BF 1.20 Hz
 RGAIN 30

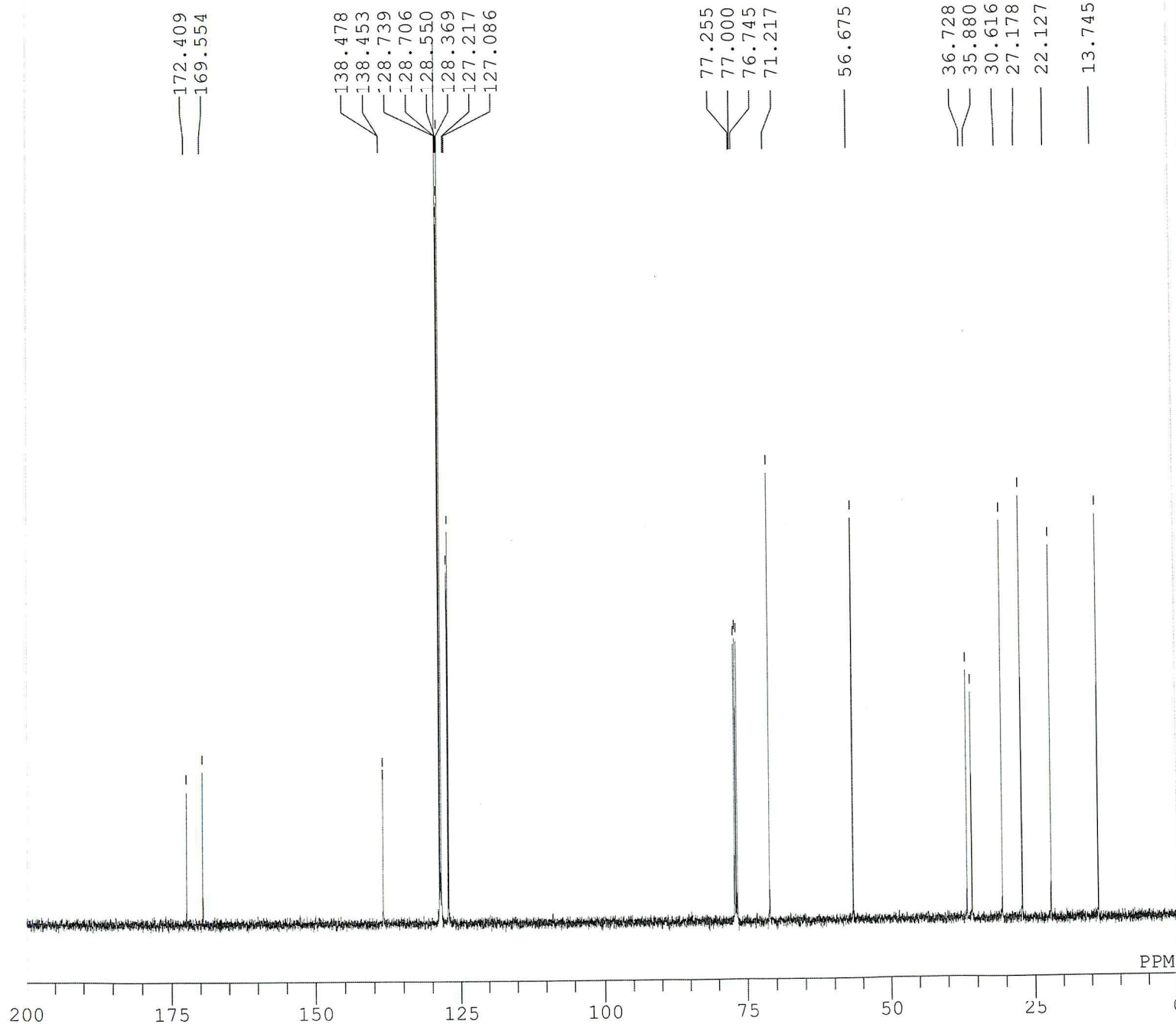




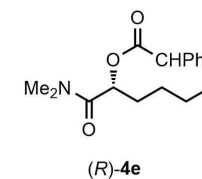
DFILE 4e-1H.als
COMNT
DATIM Mon Jan 28 14:35:37 2013
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 8192
FREQU 10000.00 Hz
SCANS 64
ACQTM 0.8192 sec
PD 6.1808 sec
PW1 6.40 usec
IRNUC 1H
CTEMP 23.9 c
SLVNT CDCL3
EXREF 0.00 ppm
BF 0.12 Hz
RGAIN 11

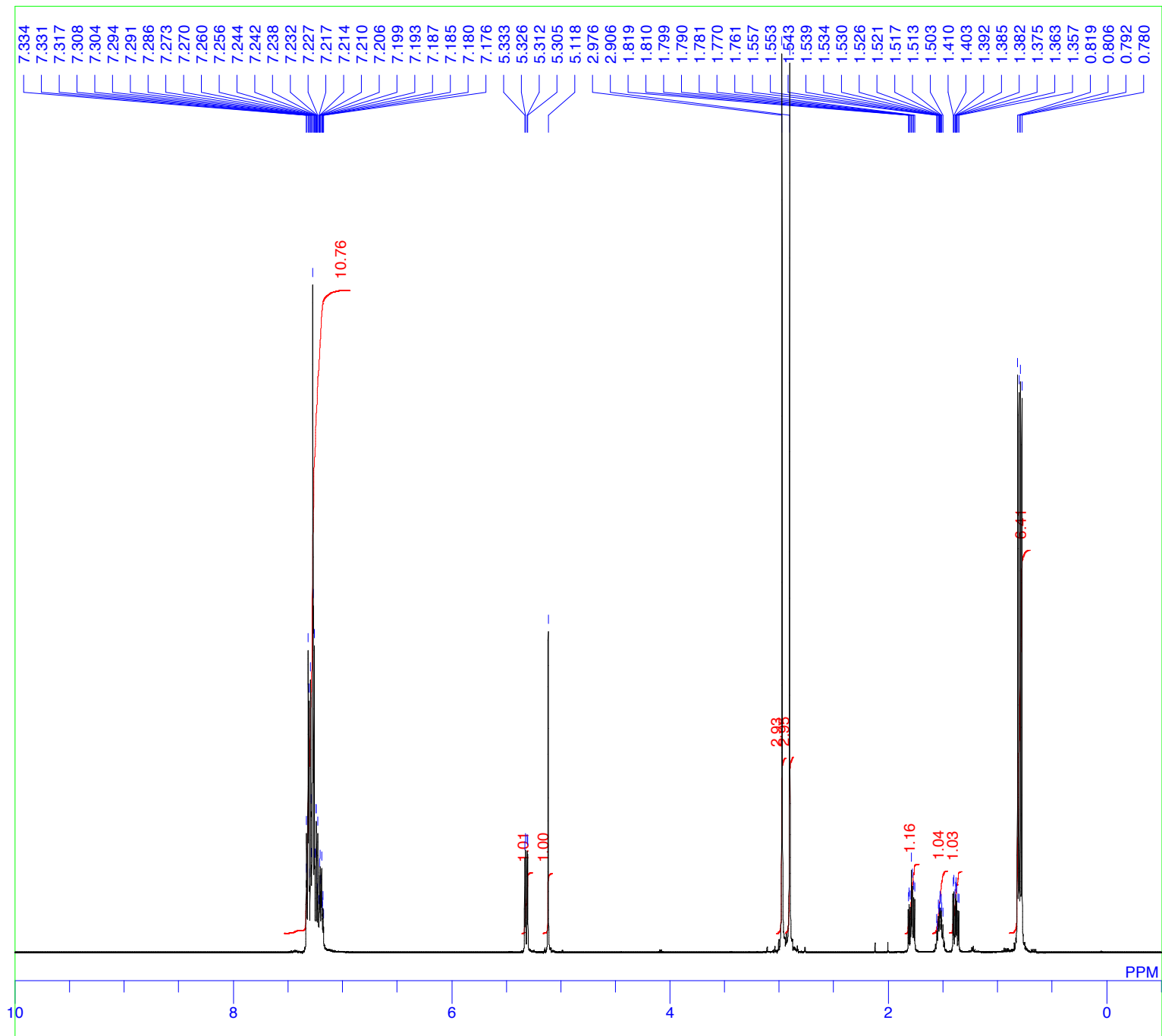


tk-2 No.63

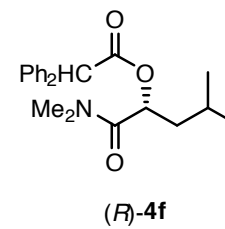


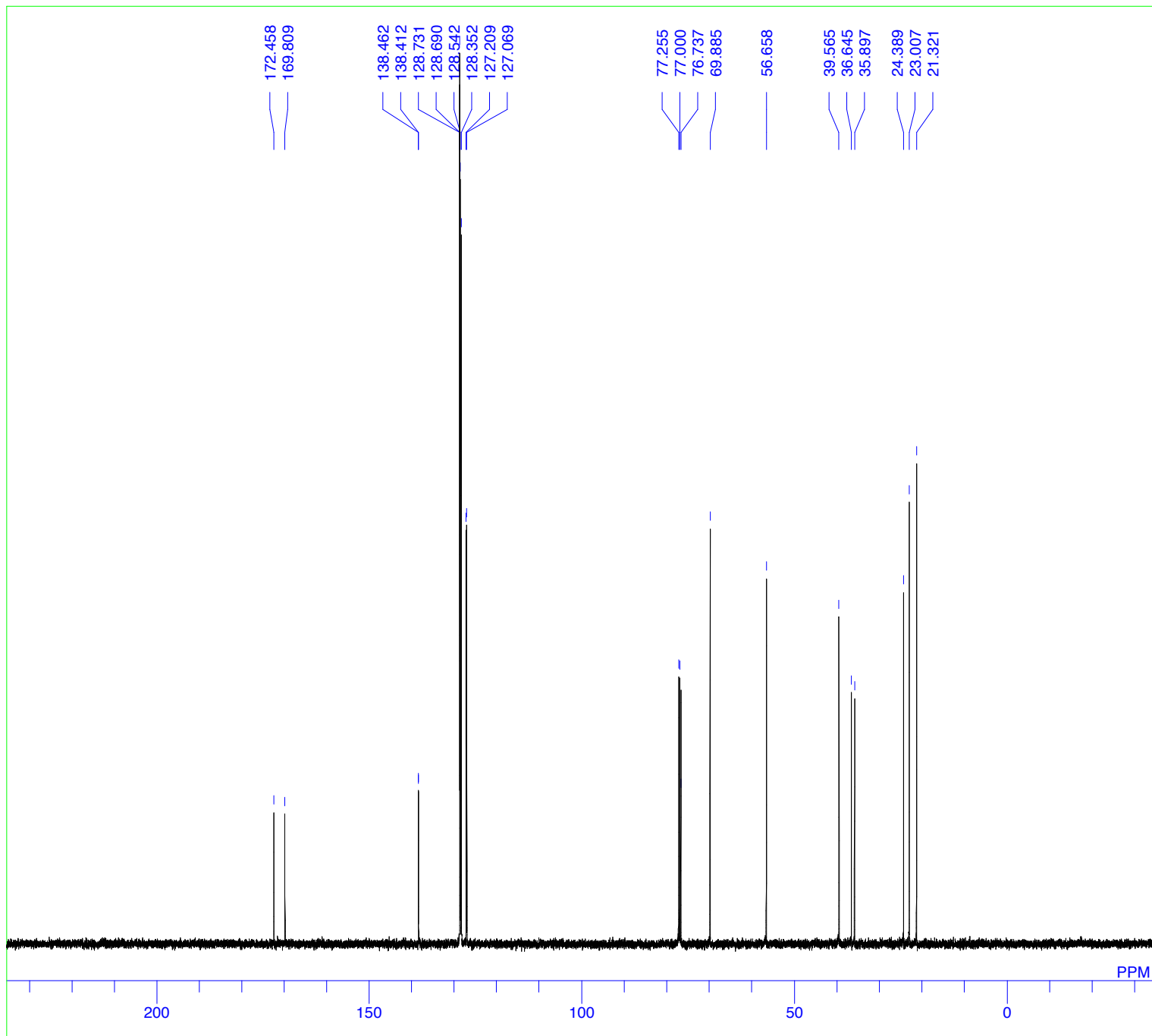
DFILE F:\NMR Spectrum\2-No.1~2-No..
 COMNT tk-2 No.63
 DATIM Fri May 27 19:02:20 2011
 OBNUC ¹³C
 EXMOD bcm
 OBFRQ 125.65 MHz
 OBSET 0.00 KHz
 OBFIN 127958.00 Hz
 POINT 32768
 FREQU 33898.30 Hz
 SCANS 512
 ACQTM 0.9667 sec
 PD 2.0333 sec
 PW1 5.10 usec
 IRNUC ¹H
 CTEMP 26.2 c
 SLVNT CDCL₃
 EXREF 77.00 ppm
 BF 1.20 Hz
 RGAIN 30



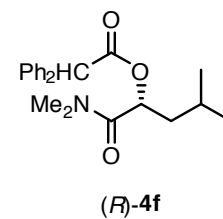


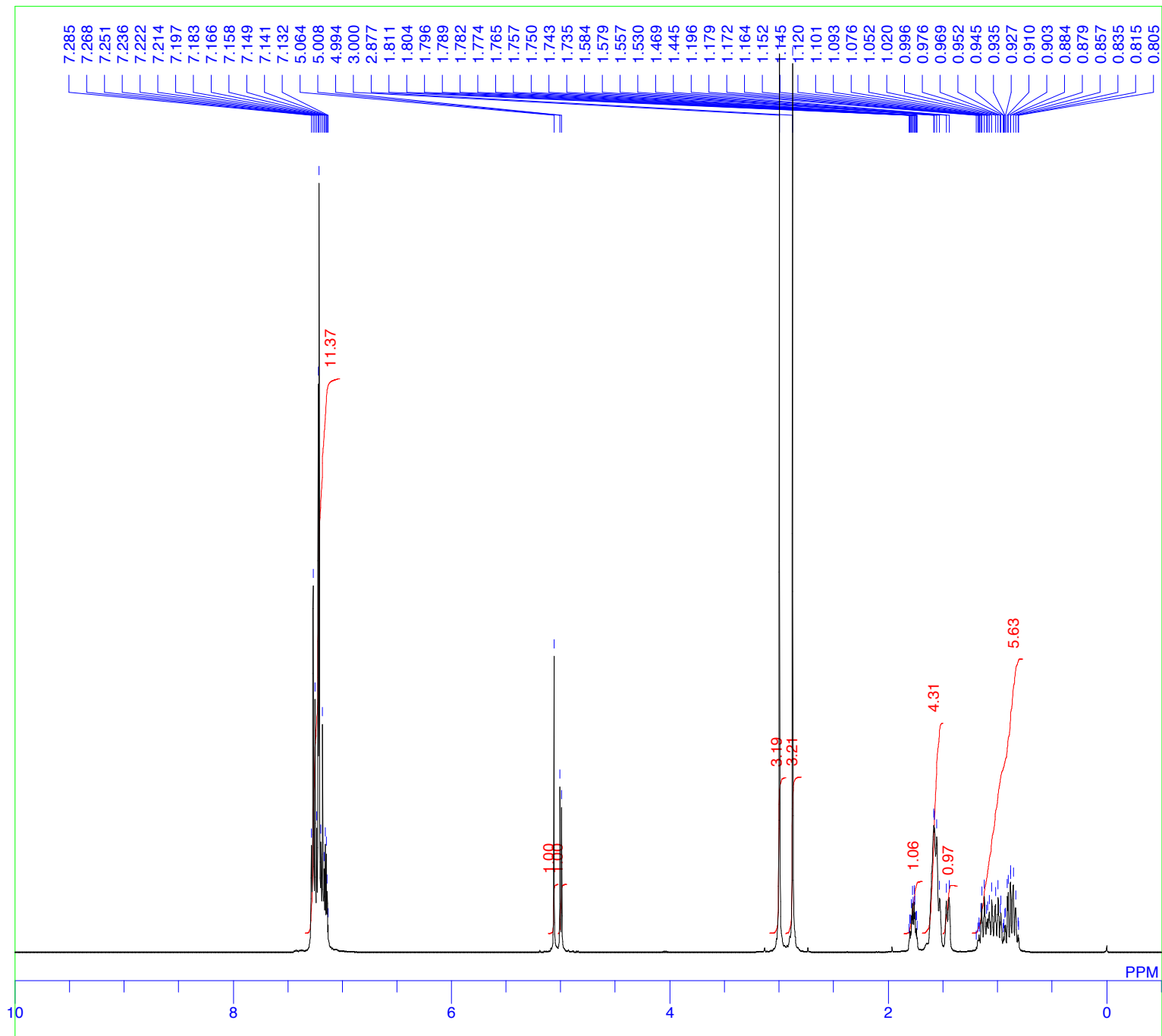
DFILE 4f-1H.als
COMNT
DATIM Wed Jun 08 19:31:28 2011
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 32768
FREQU 10000.00 Hz
SCANS 8
ACQTM 3.2768 sec
PD 3.7232 sec
PW1 6.50 usec
IRNUC 1H
CTEMP 25.8 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 13



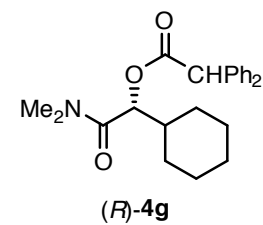


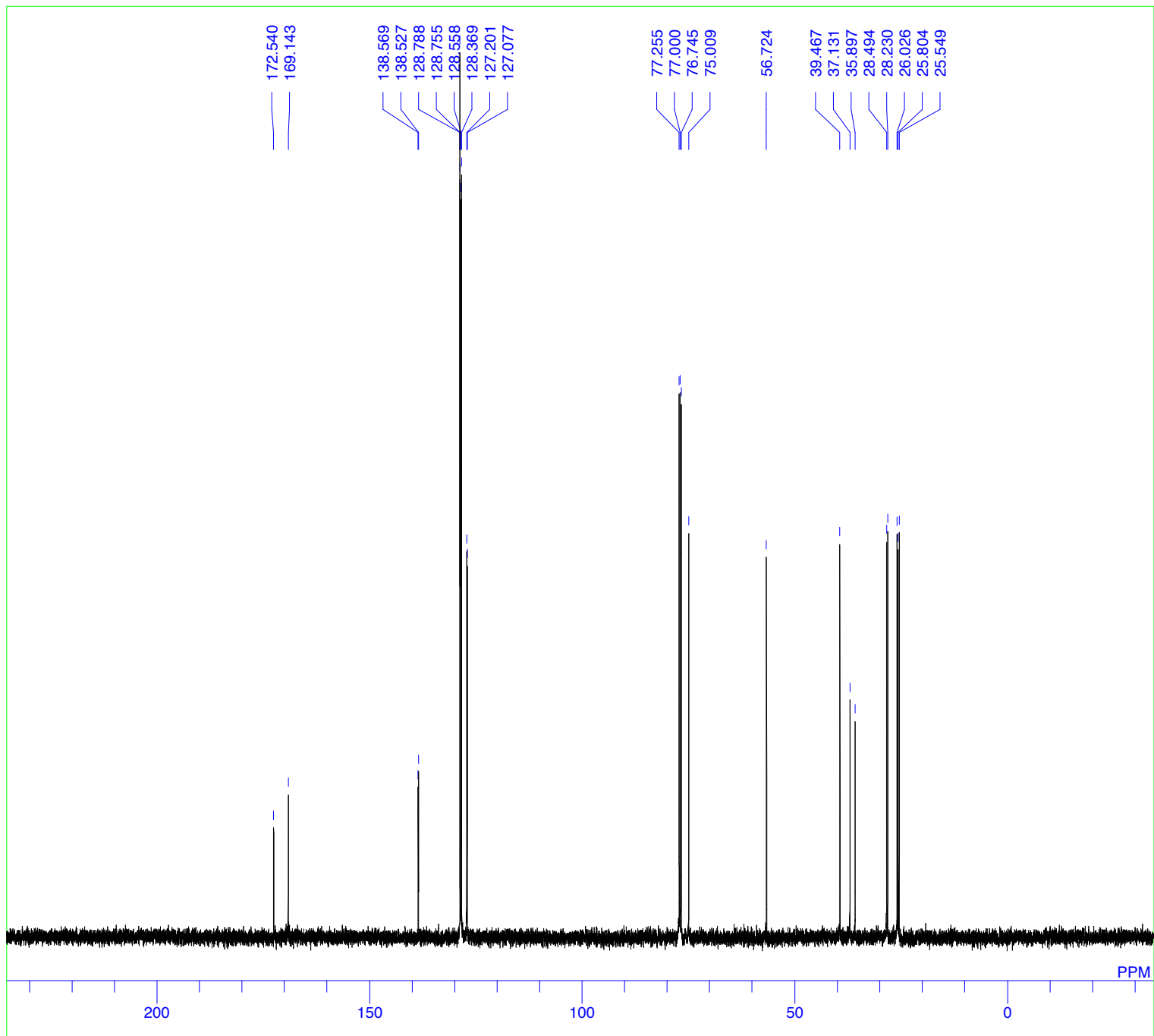
DFILE 4f-13C.als
COMNT
DATIM Wed Jun 08 19:57:22 2011
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 512
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 5.10 usec
IRNUC 1H
CTEMP 26.5 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



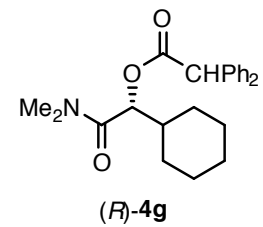


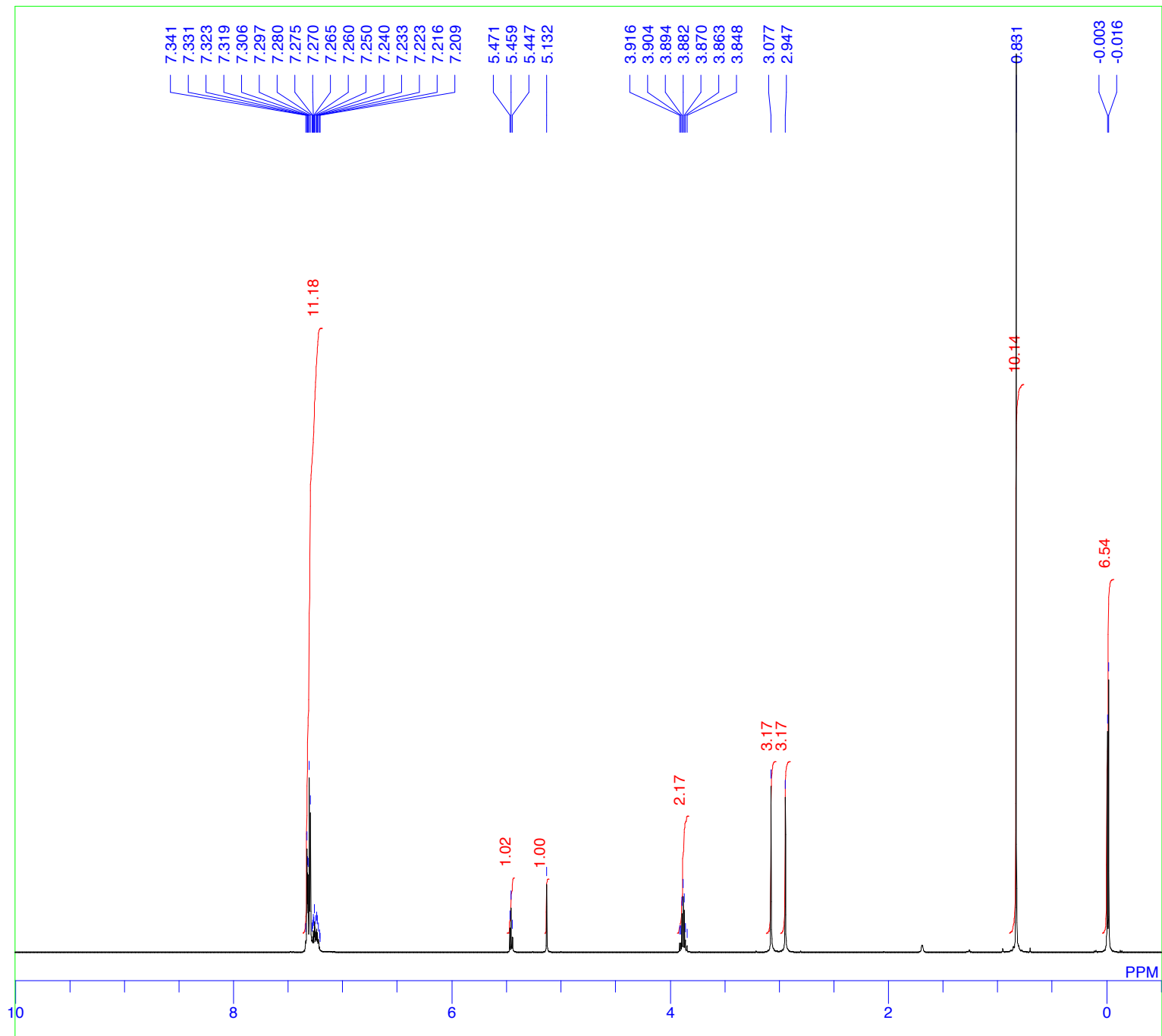
DFILE 4g-1H.als
 COMNT Thu Jan 12 16:49:50 2012
 DATIM 1H
 OBNUC non
 EXMOD 500.00 MHz
 OBFRQ 0.00 KHz
 OBSET 162160.00 Hz
 OBFIN 8192
 POINT 10000.00 Hz
 FREQU 64
 SCANS 0.8192 sec
 ACQTM 6.1808 sec
 PD 6.20 usec
 PW1 1H
 IRNUC 24.1 c
 CTEMP CDCL3
 SLVNT 0.00 ppm
 EXREF 0.12 Hz
 BF 15
 RGAIN



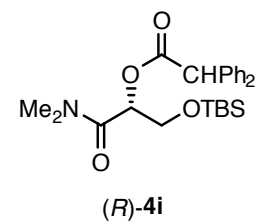


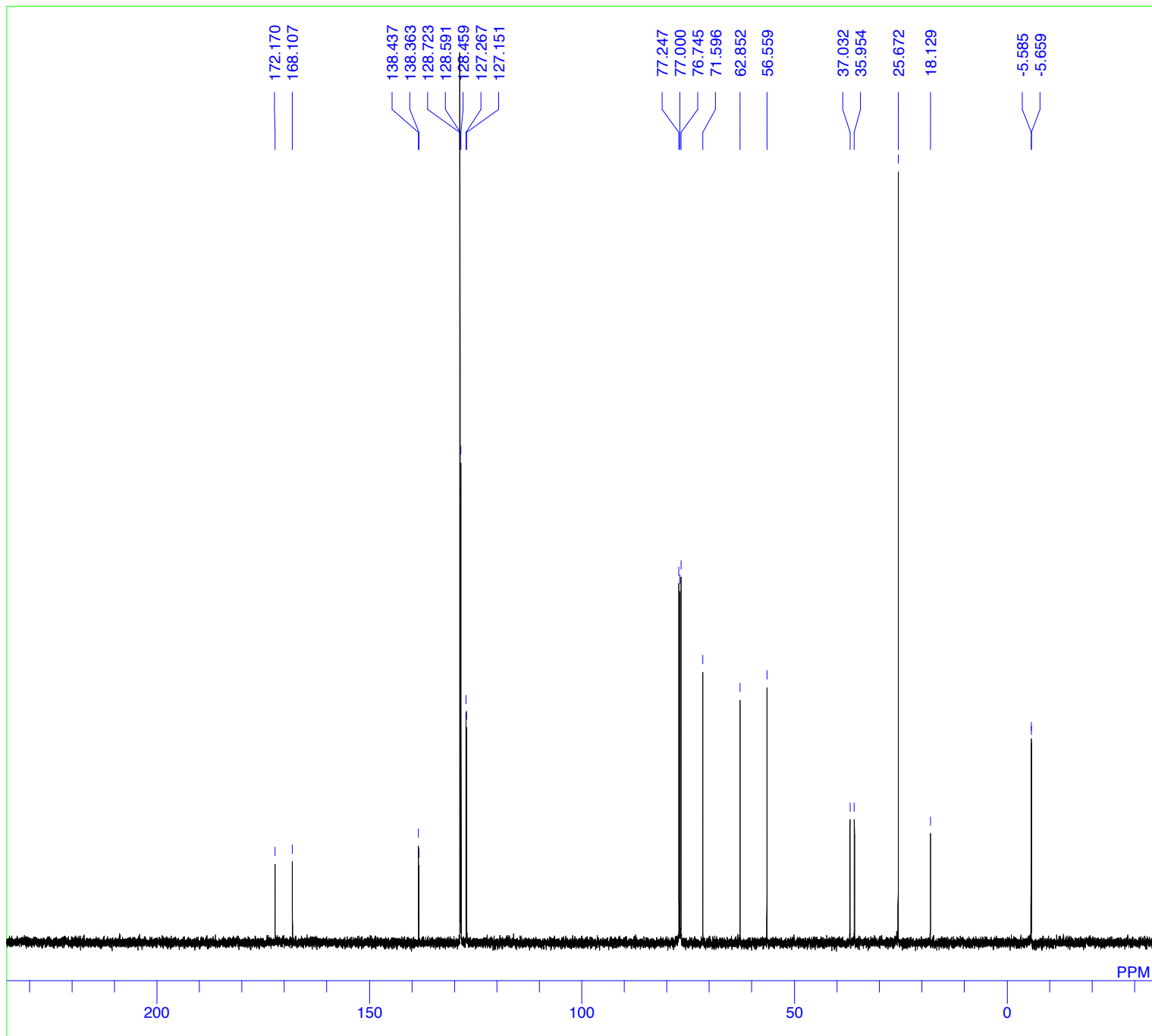
DFILE 4g-13C.als
COMNT
DATIM Thu Jan 12 17:15:46 2012
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 512
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC 1H
CTEMP 25.9 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



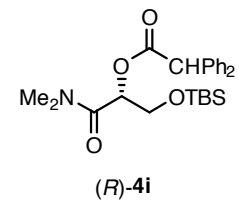


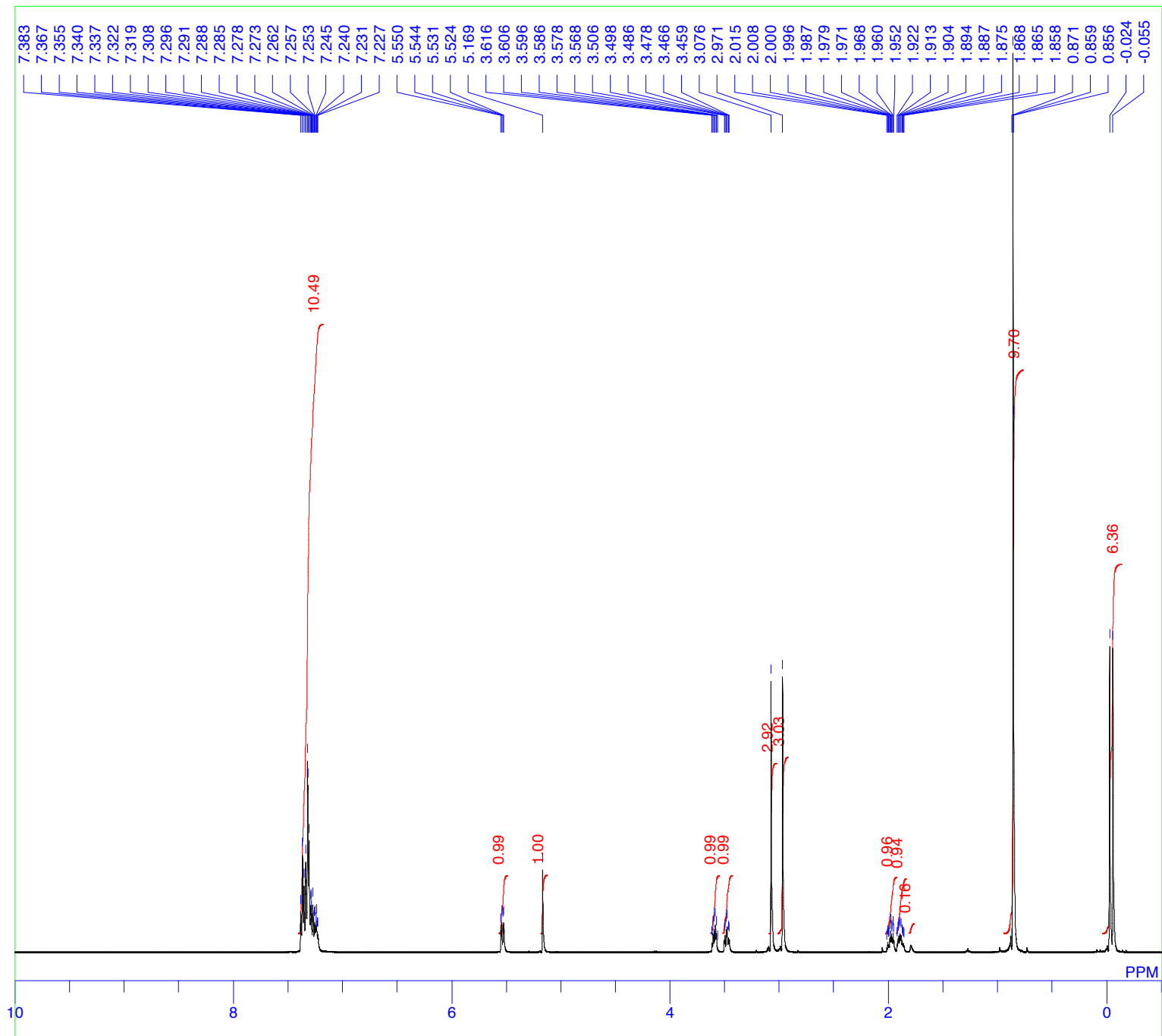
DFILE 4i-1H.als
COMNT
DATIM Fri Sep 23 13:26:31 2011
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 8192
FREQU 10000.00 Hz
SCANS 64
ACQTM 0.8192 sec
PD 6.1808 sec
PW1 6.20 usec
IRNUC 1H
CTEMP 25.5 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 14



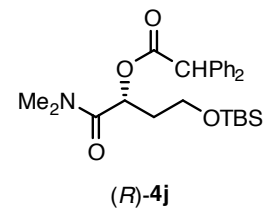


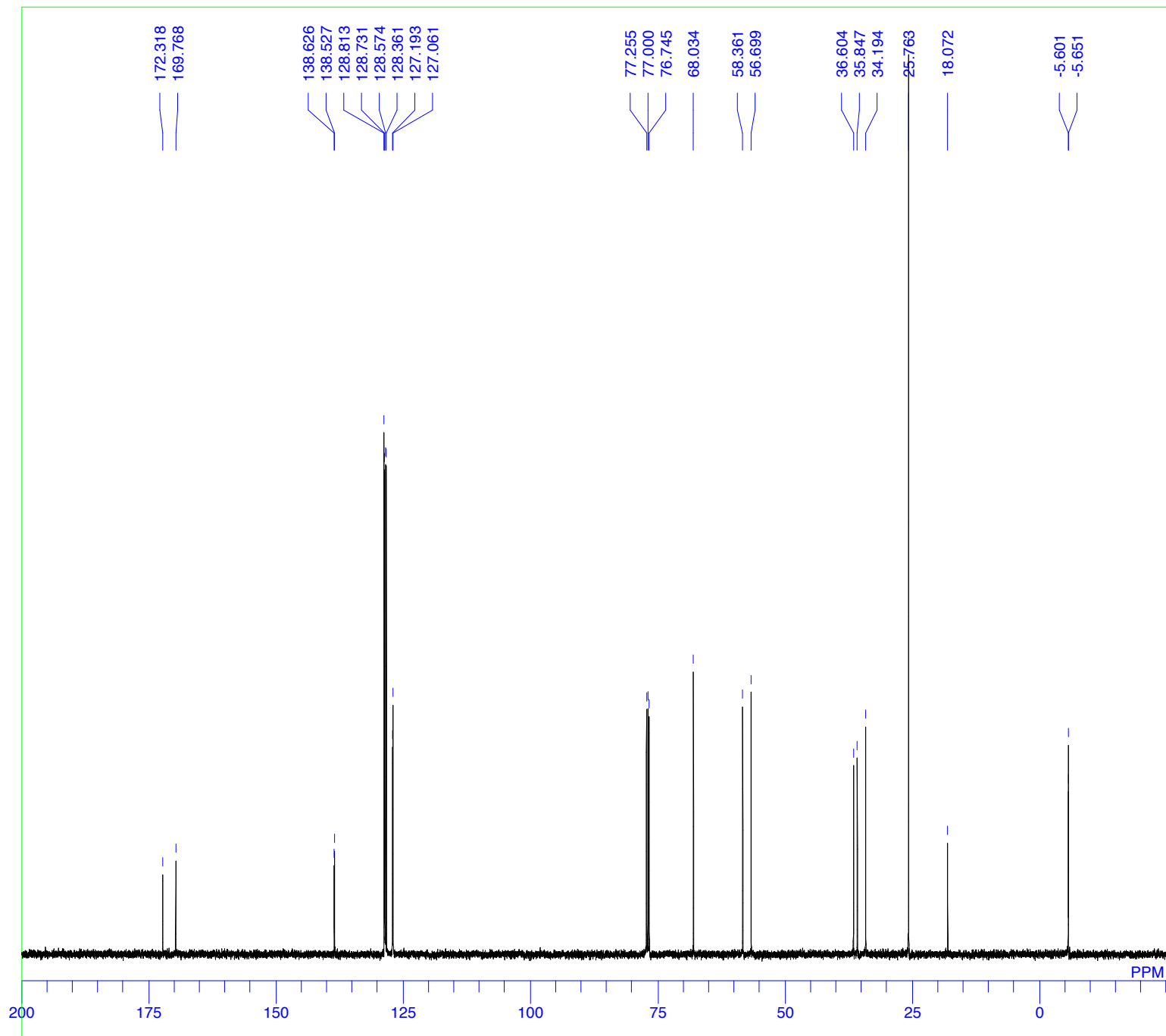
DFILE 4i-13C.als
COMNT
DATIM Fri Sep 23 13:52:29 2011
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 512
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC 1H
CTEMP 27.4 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 31



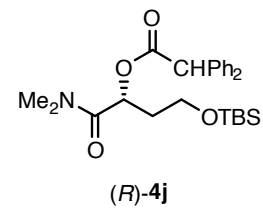


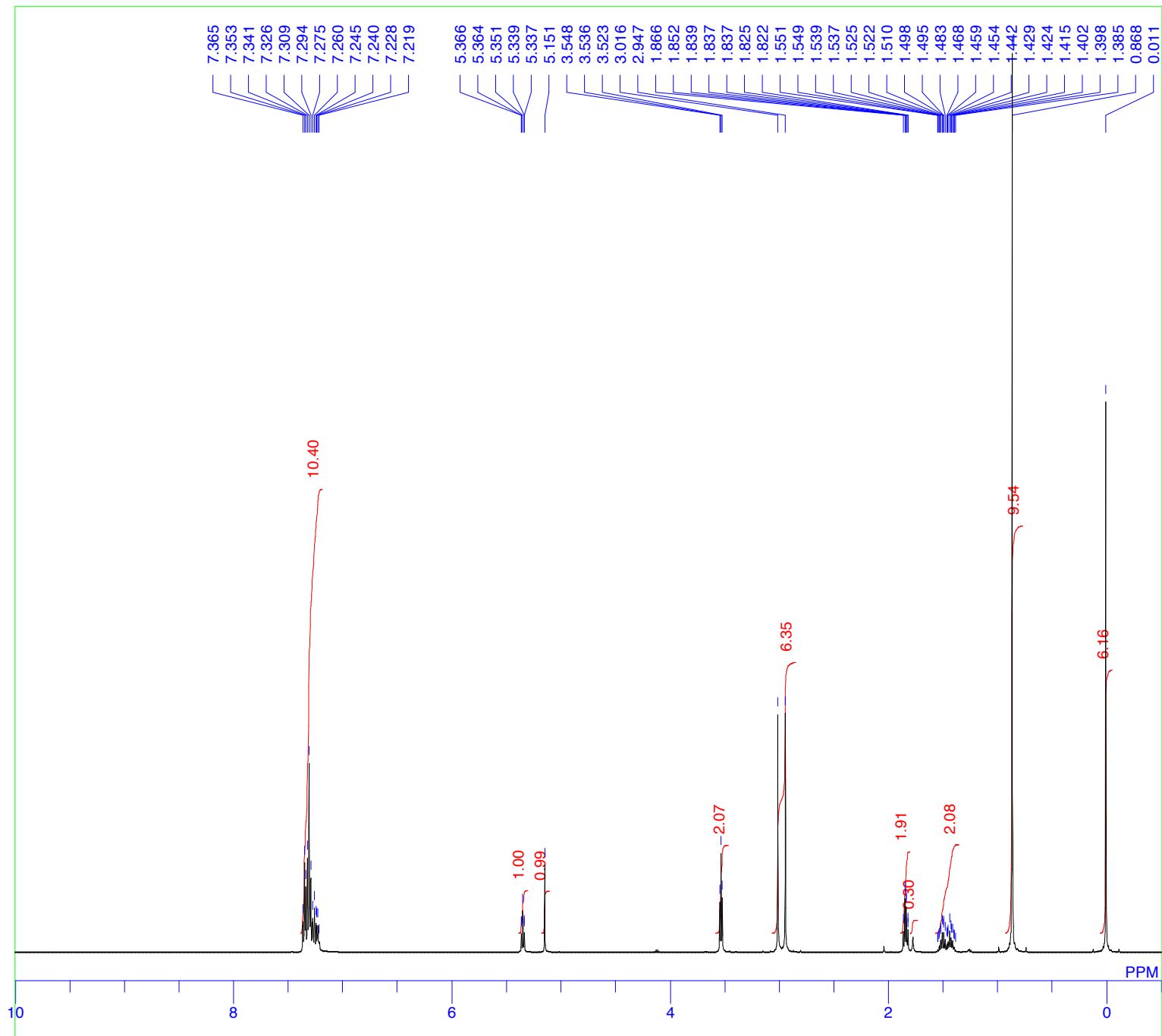
DFILE 4j-1H.als
 COMNT Thu Jun 09 16:11:18 2011
 DATIM 1H
 OBNUC non
 EXMOD 500.00 MHz
 OBFRQ 0.00 KHz
 OBSET 162160.00 Hz
 OBFIN 32768
 POINT 10000.00 Hz
 FREQU 8
 SCANS 3.2768 sec
 ACQTM 3.7232 sec
 PD 6.50 usec
 PW1 1H
 IRNUC 24.5 c
 CTEMP CDCL3
 SLVNT 7.26 ppm
 EXREF 0.12 Hz
 BF 12
 RGAIN



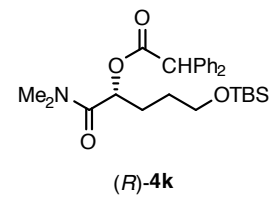


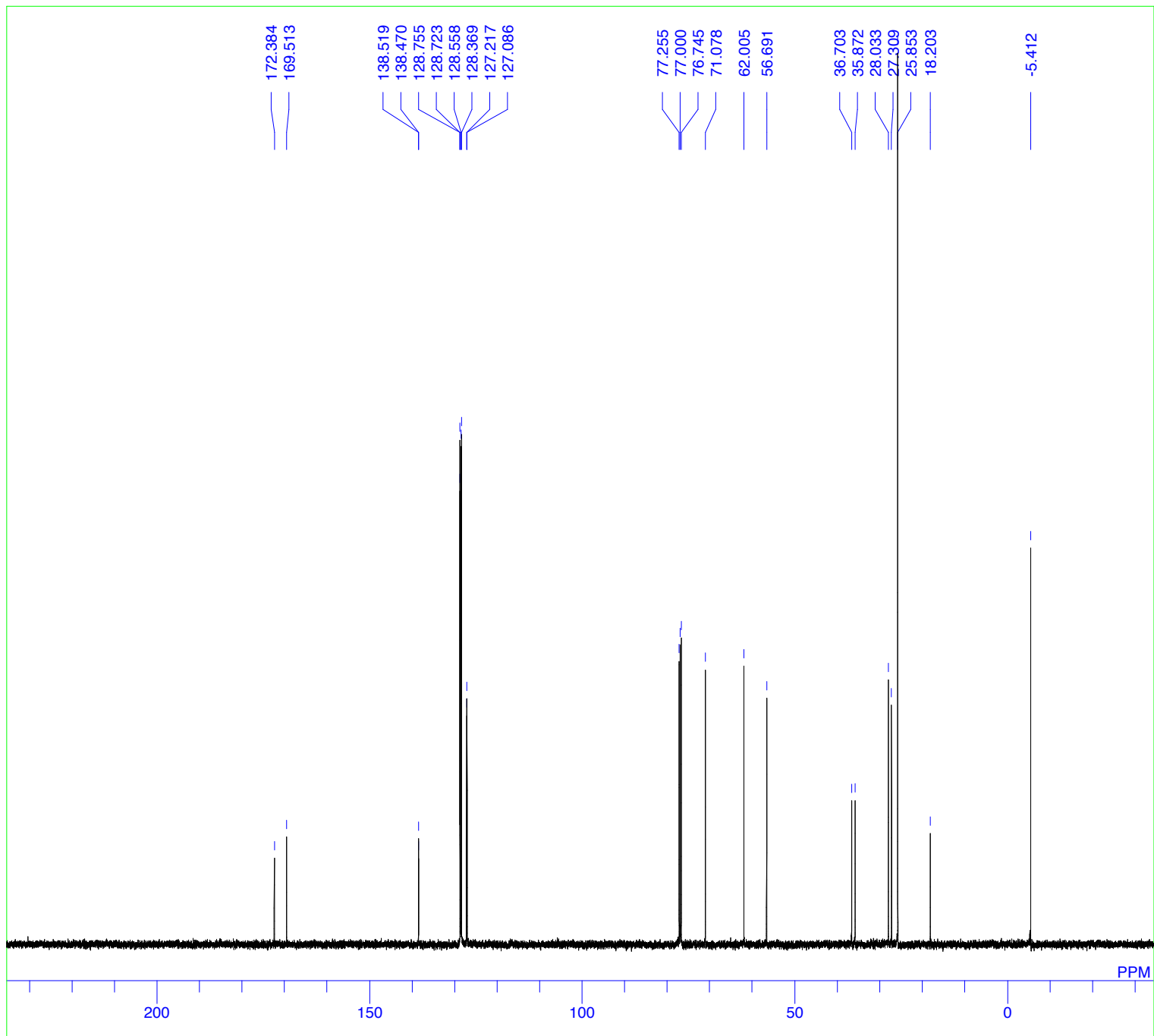
DFILE 4j-13C.als
COMNT
DATIM Thu Jun 09 16:37:14 2011
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 512
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 5.10 usec
IRNUC 1H
CTEMP 26.2 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



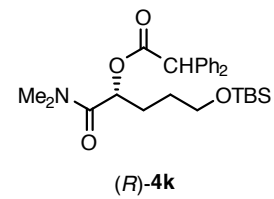


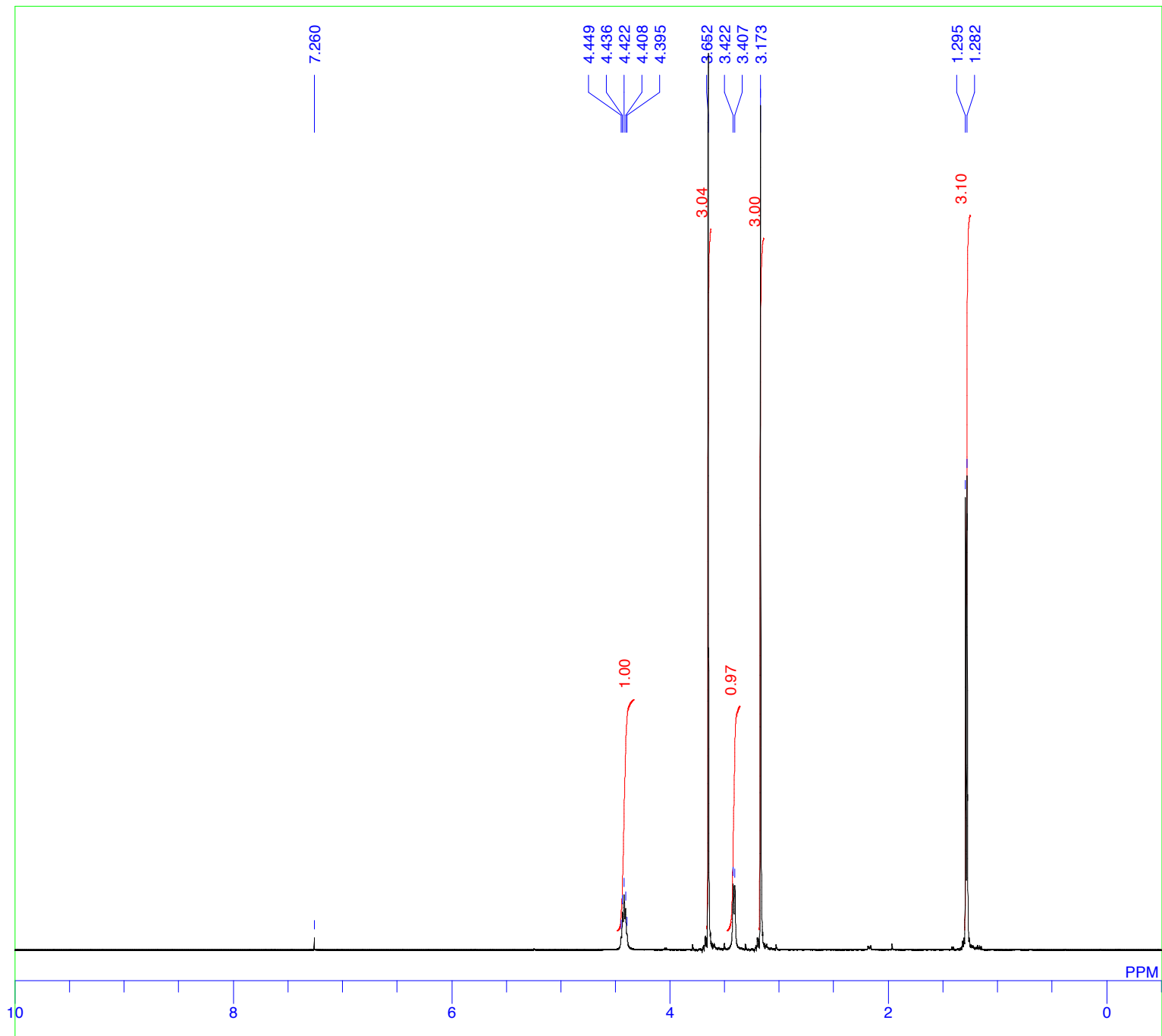
DFILE 4k-1H.als
 COMNT Thu Jul 28 12:15:53 2011
 DATIM 1H
 OBNUC non
 EXMOD 500.00 MHz
 OBFRQ 0.00 KHz
 OBSET 162160.00 Hz
 OBFIN 8192
 POINT 10000.00 Hz
 FREQU 64
 SCANS 0.8192 sec
 ACQTM 6.1808 sec
 PD 6.20 usec
 PW1 1H
 IRNUC 26.9 c
 CTEMP CDCL3
 SLVNT 7.26 ppm
 EXREF 0.12 Hz
 BF 13
 RGAIN



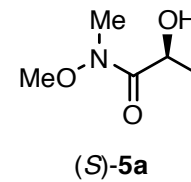


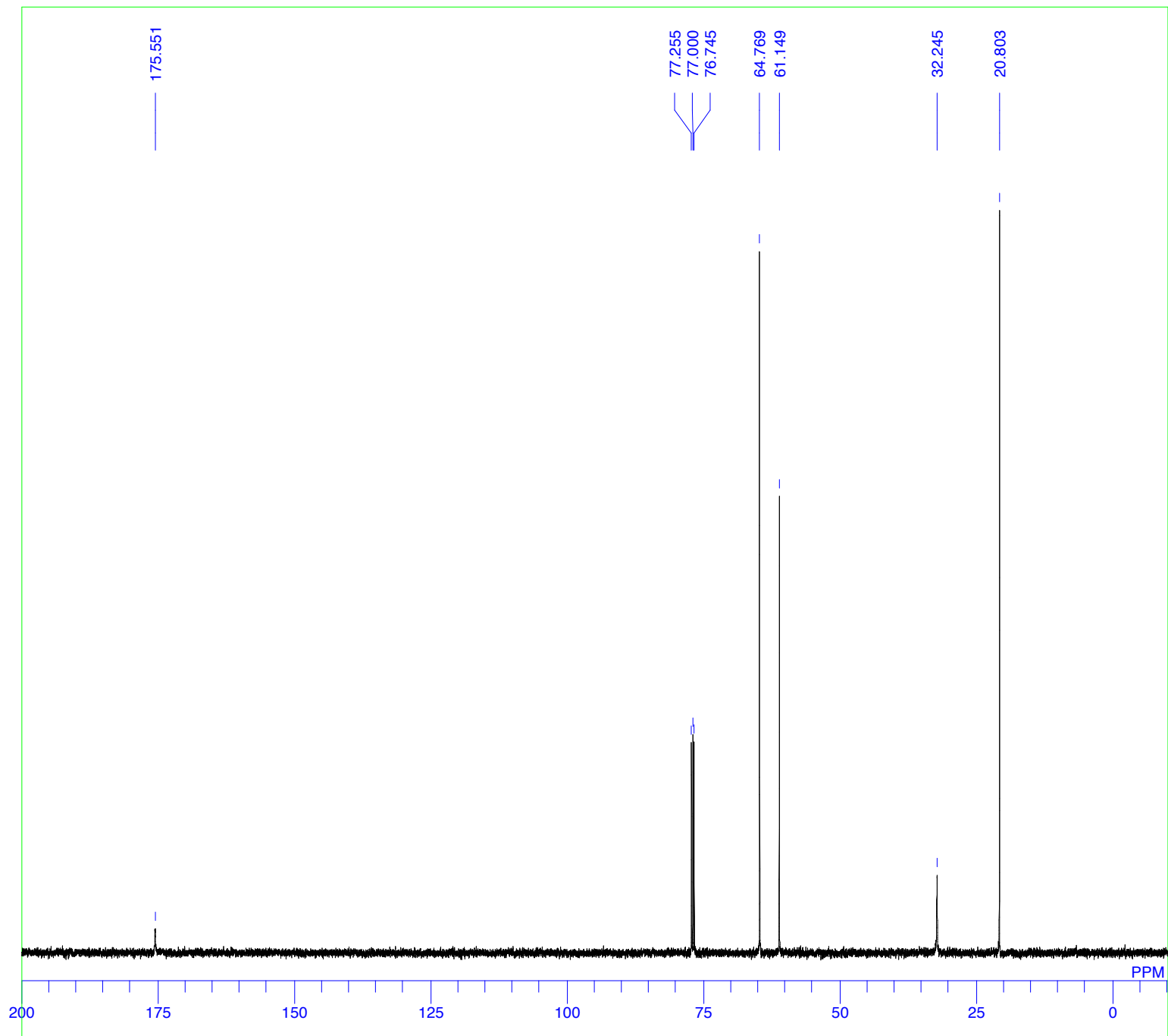
DFILE 4k-13C.als
COMNT
DATIM Thu Jul 28 12:41:49 2011
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 512
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC 1H
CTEMP 28.5 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



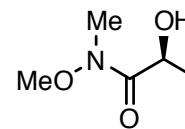


DFILE 5a-1H.als
COMNT
DATIM Thu Mar 18 18:50:33 2010
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 32768
FREQU 10000.00 Hz
SCANS 8
ACQTM 3.2768 sec
PD 3.7232 sec
PW1 6.50 usec
IRNUC 1H
CTEMP 23.1 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 10

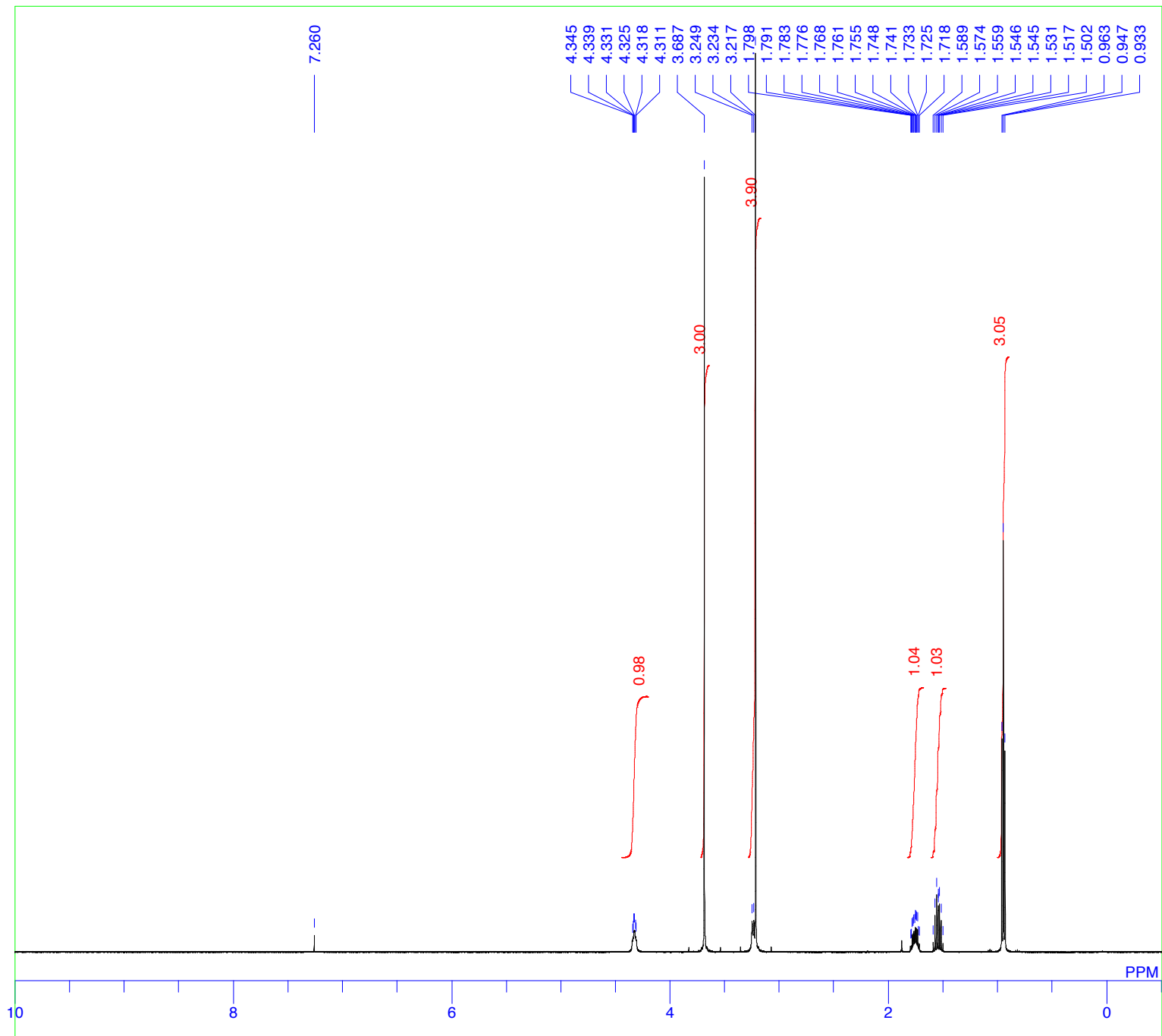




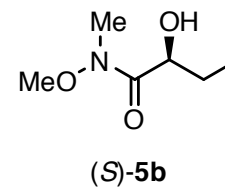
DFILE 5a-13C.als
COMNT
DATIM Thu Mar 18 19:03:40 2010
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 256
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 5.10 usec
IRNUC 1H
CTEMP 25.5 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30

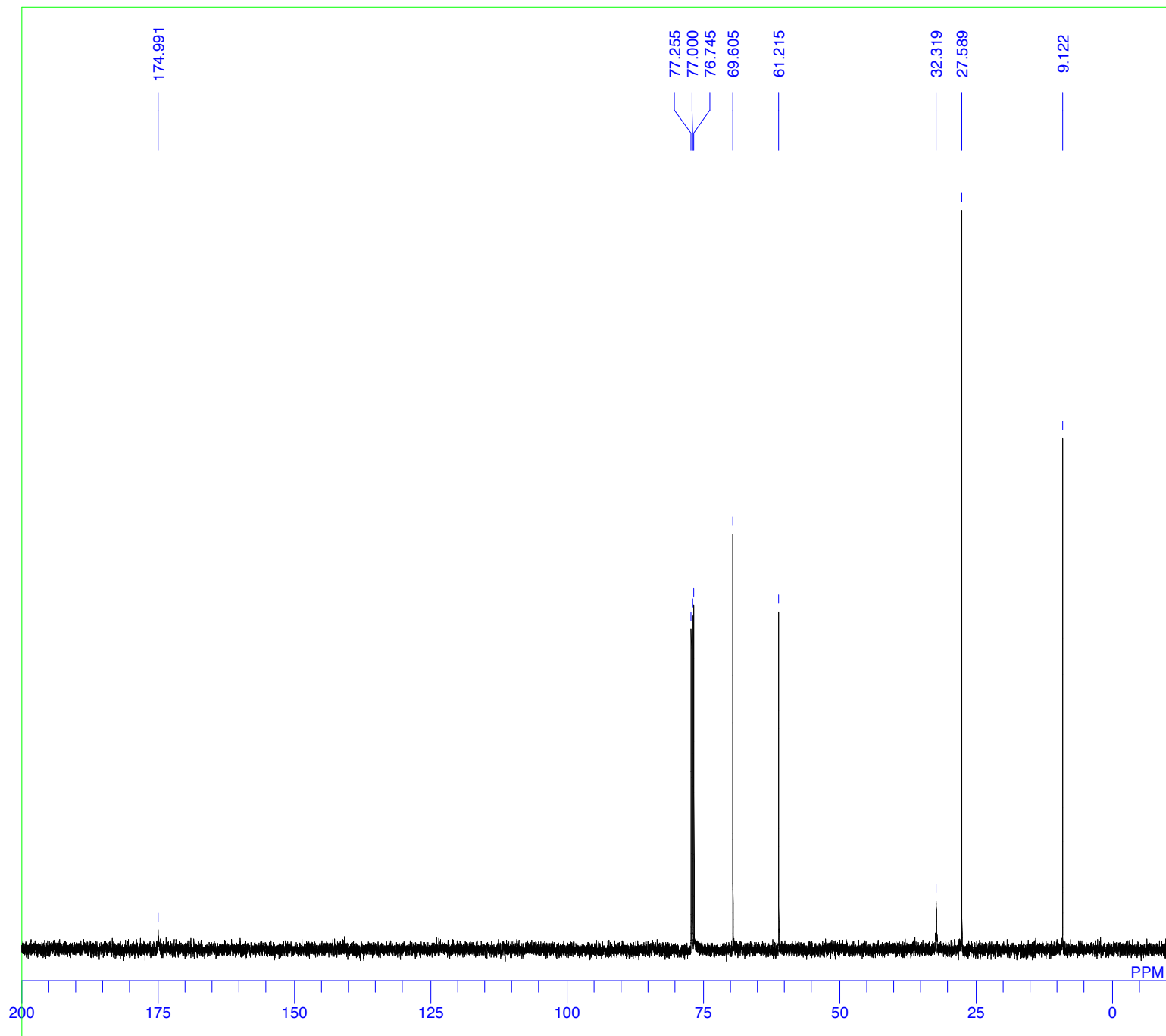


(S)-5a

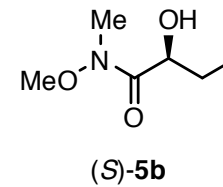


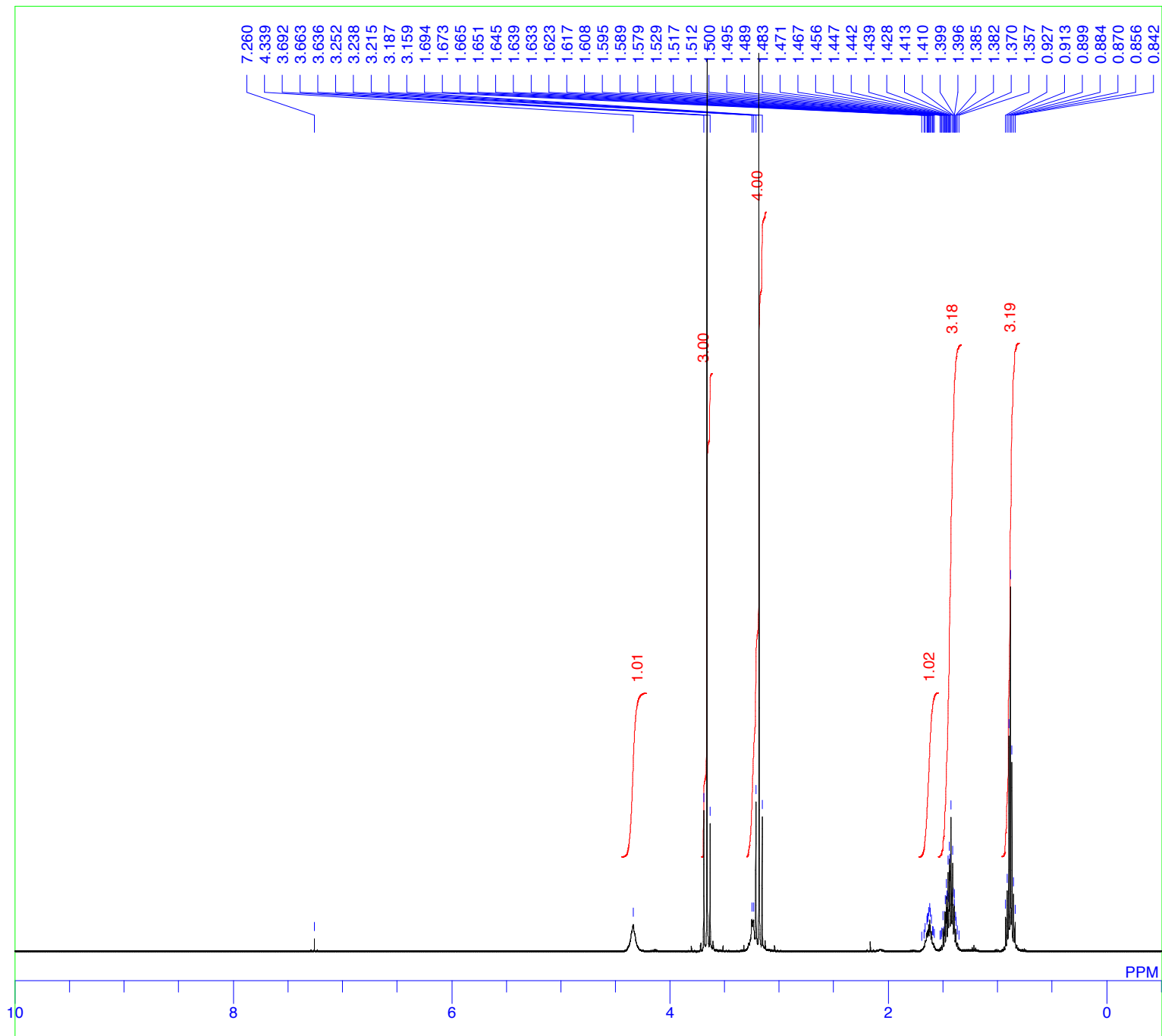
DFILE 5b-1H.als
COMNT
DATIM Fri Nov 05 15:48:36 2010
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 32768
FREQU 10000.00 Hz
SCANS 8
ACQTM 3.2768 sec
PD 3.7232 sec
PW1 6.20 usec
IRNUC 1H
CTEMP 23.7 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 13



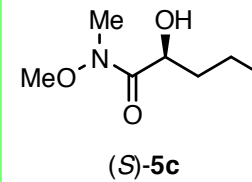


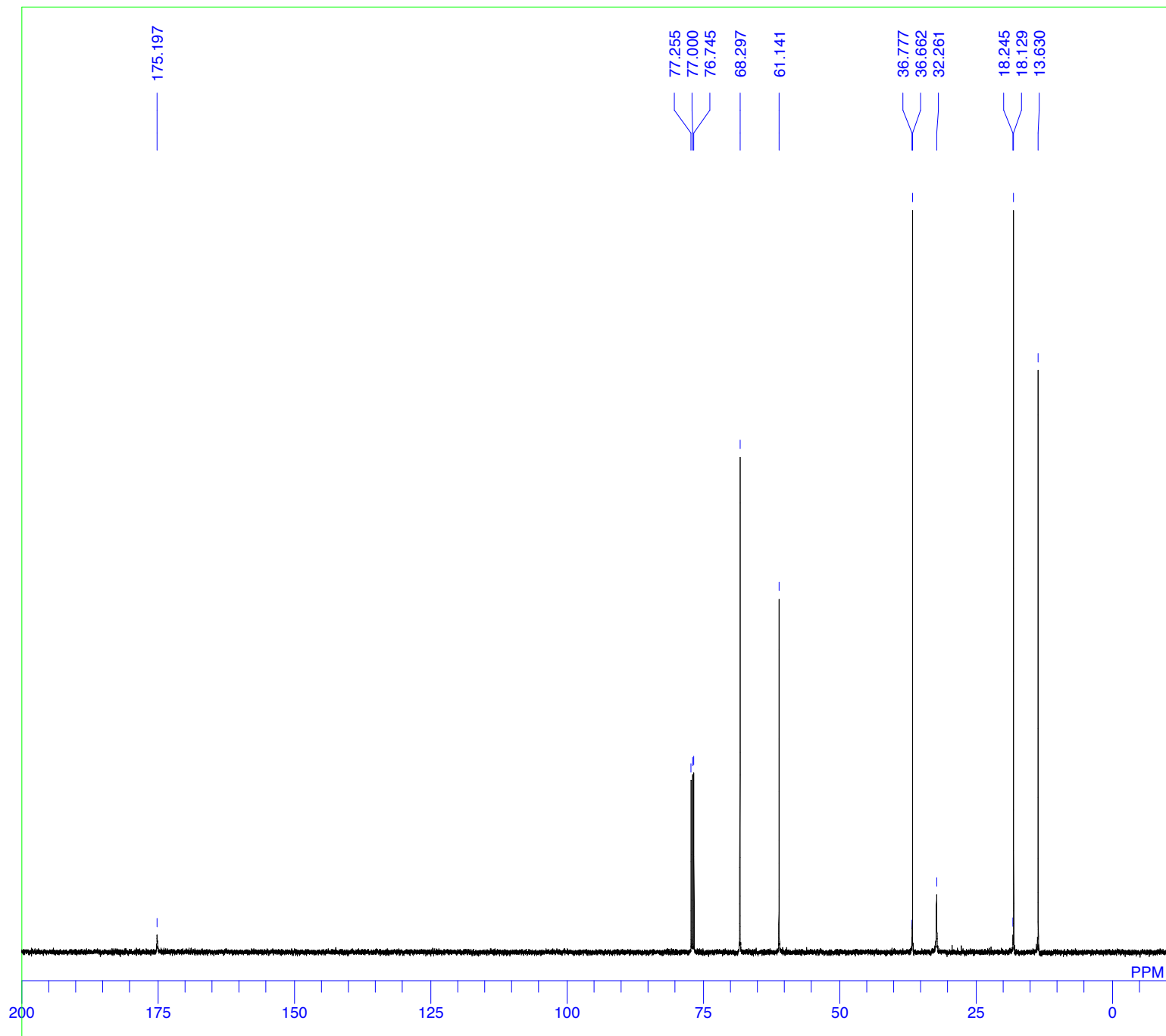
DFILE 5b-13C.als
COMNT
DATIM Fri Nov 05 16:09:13 2010
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 192
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC 1H
CTEMP 25.2 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



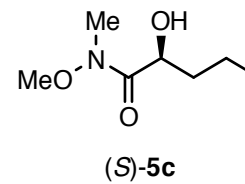


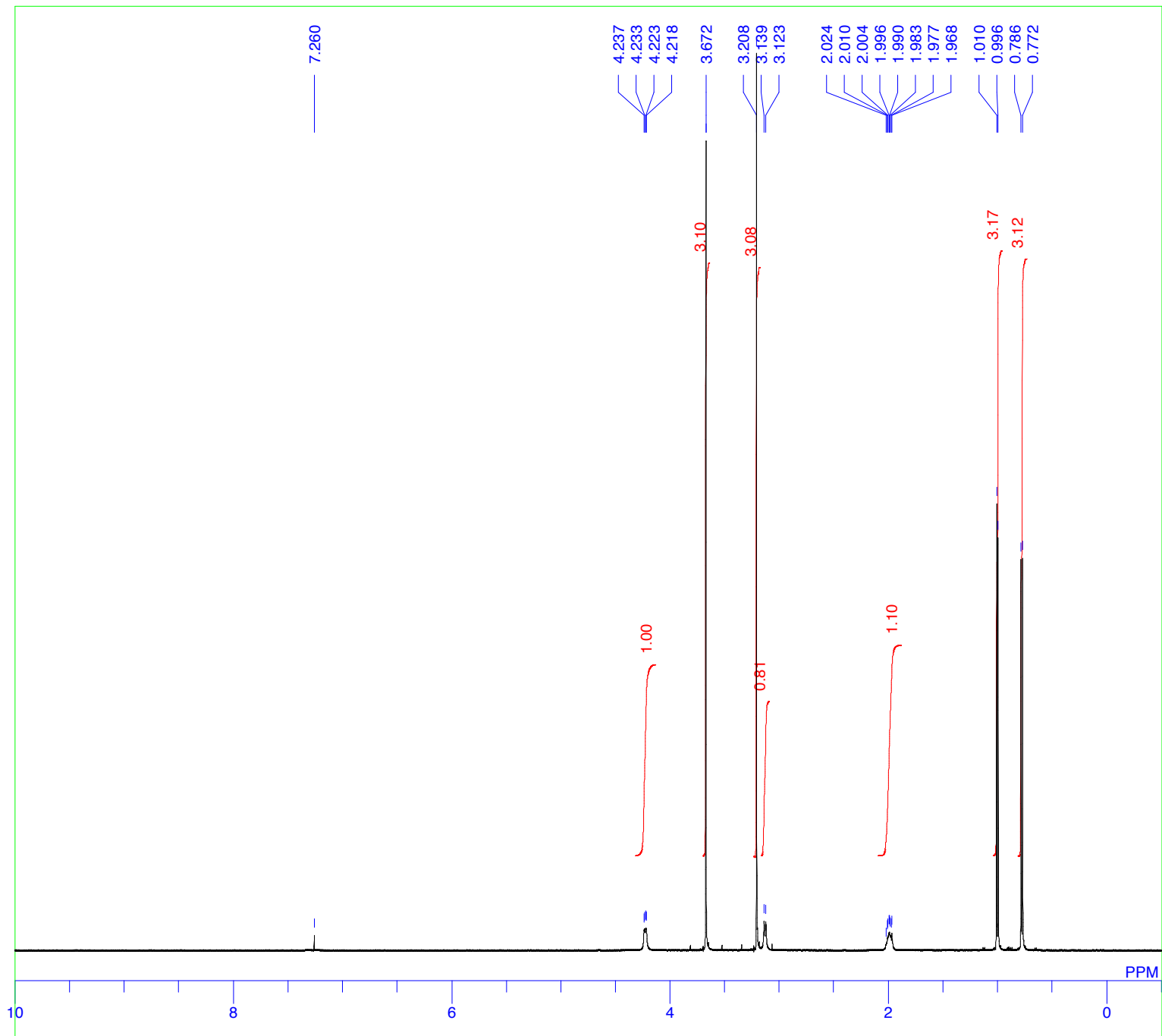
DFILE 5c-1H.als
COMNT Thu Jan 13 14:00:16 2011
DATIM 1H
OBNUC non
EXMOD 500.00 MHz
OBFRQ 0.00 KHz
OBSET 162160.00 Hz
OBFIN 32768
POINT 10000.00 Hz
FREQ 8
SCANS 3.2768 sec
ACQTM 3.7232 sec
PD 6.50 usec
PW1 1H
IRNUC 22.6 c
CTEMP CDCL3
SLVNT 7.26 ppm
EXREF 0.12 Hz
BF 10
RGAIN



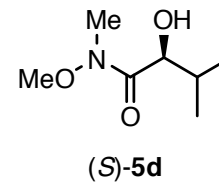


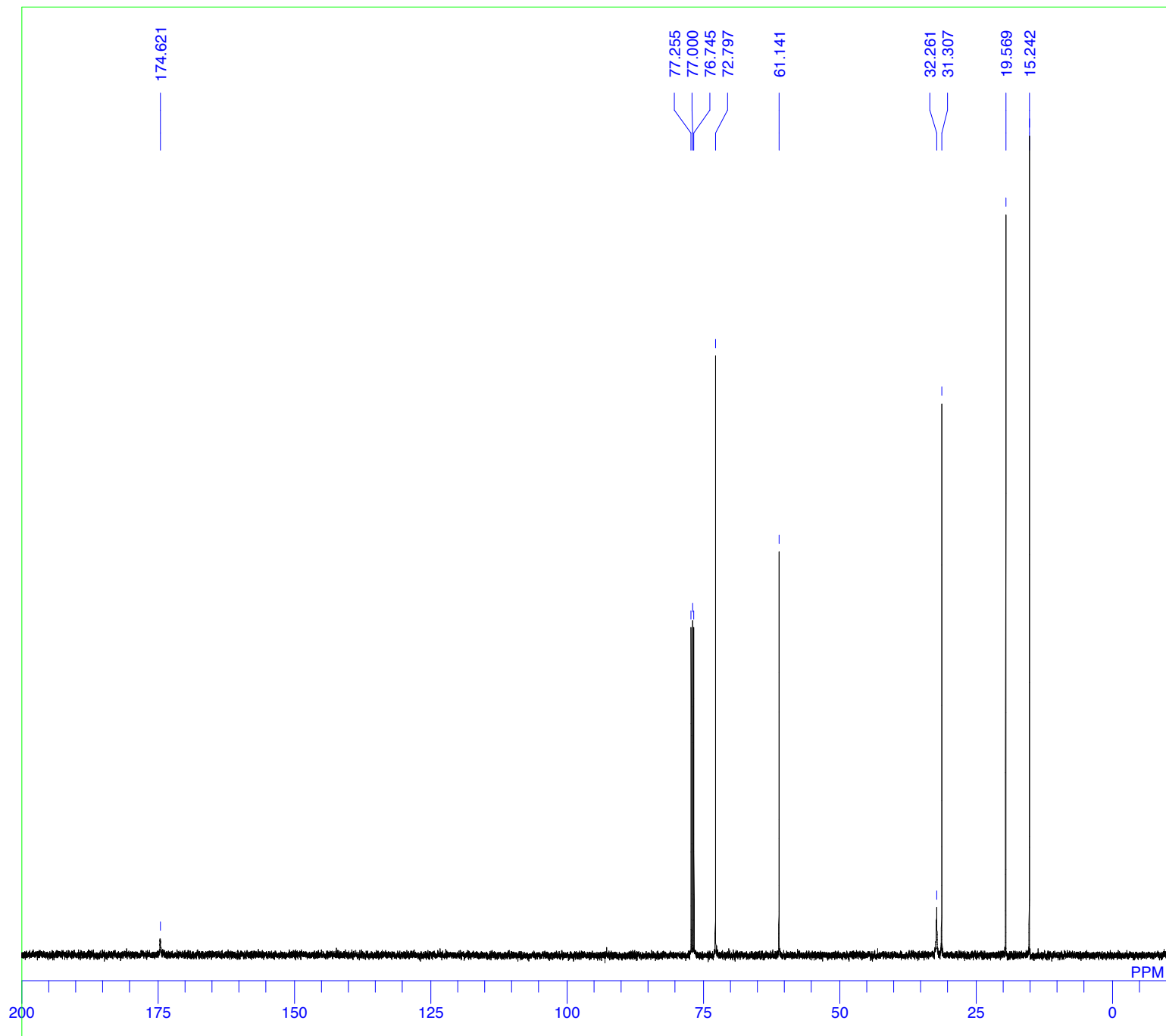
DFILE 5c-13C.als
COMNT
DATIM Thu Jan 13 14:26:13 2011
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 512
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 5.10 usec
IRNUC 1H
CTEMP 24.7 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



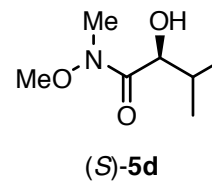


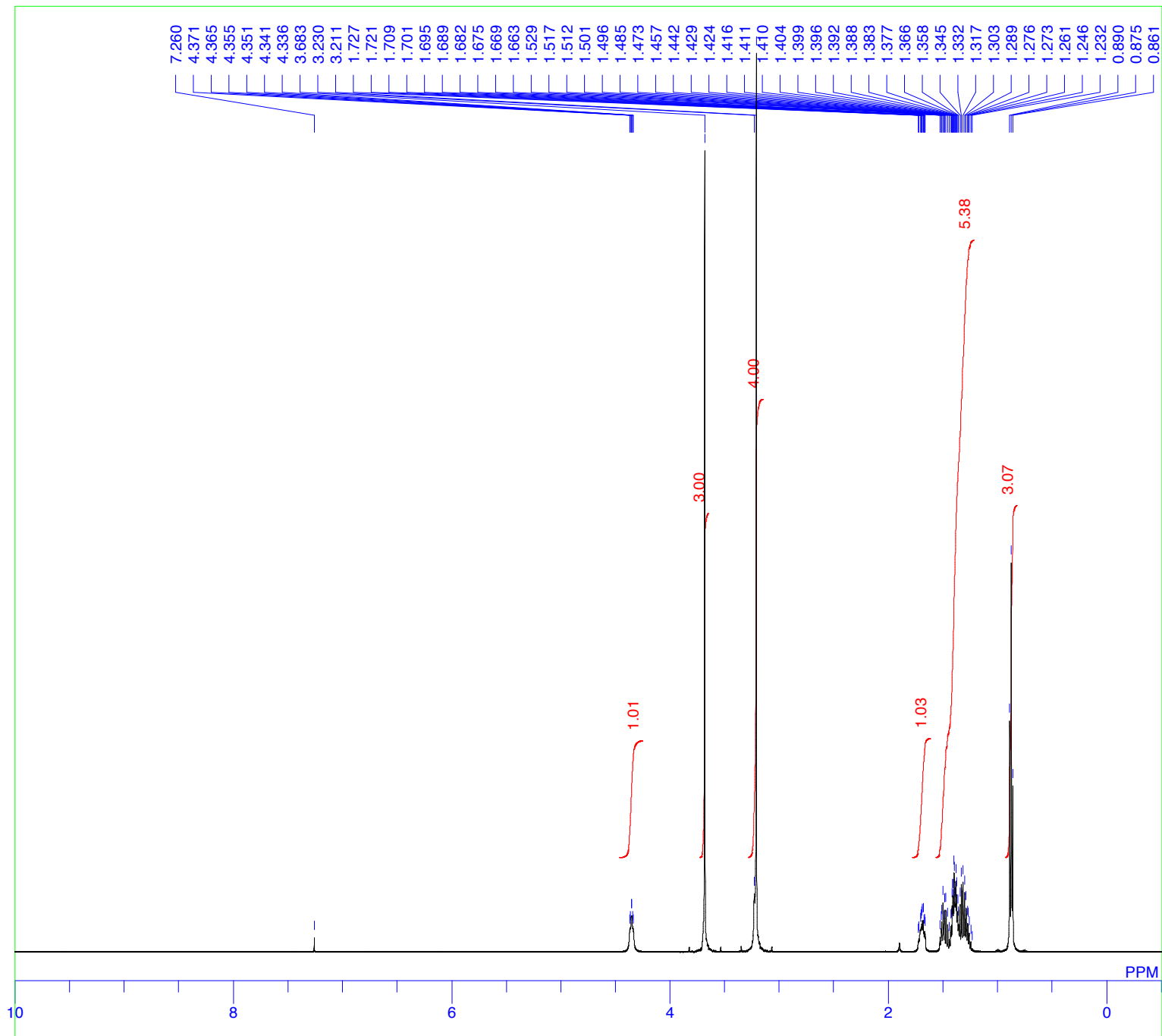
DFILE 5d-1H.als
COMNT
DATIM Mon Nov 08 19:22:25 2010
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 32768
FREQU 10000.00 Hz
SCANS 8
ACQTM 3.2768 sec
PD 3.7232 sec
PW1 6.20 usec
IRNUC 1H
CTEMP 24.0 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 11



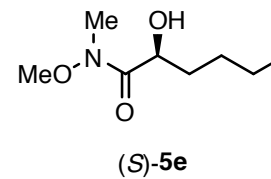


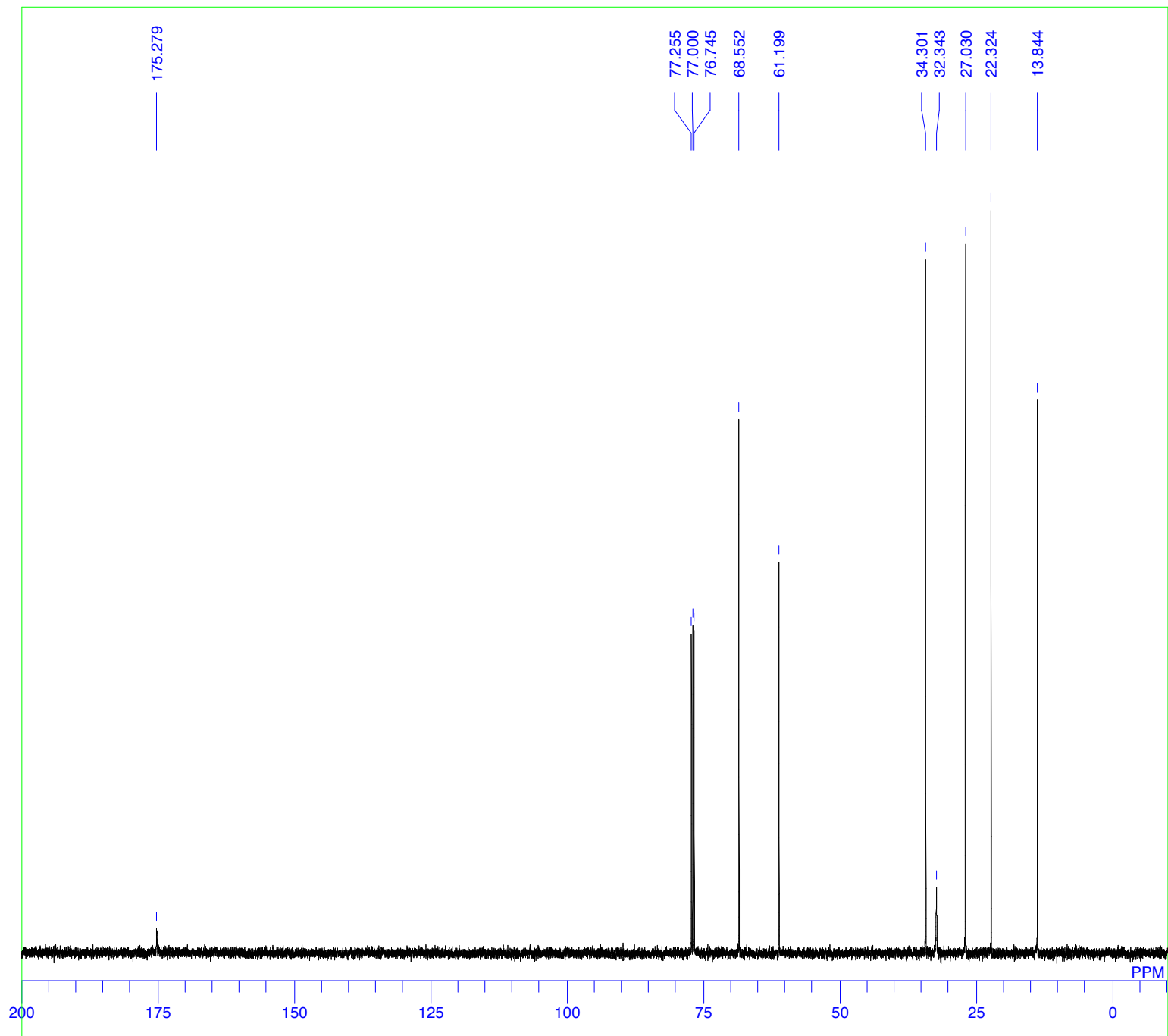
DFILE 5d-13C.als
COMNT
DATIM Mon Nov 08 19:48:21 2010
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 512
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC 1H
CTEMP 25.6 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



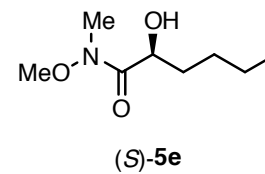


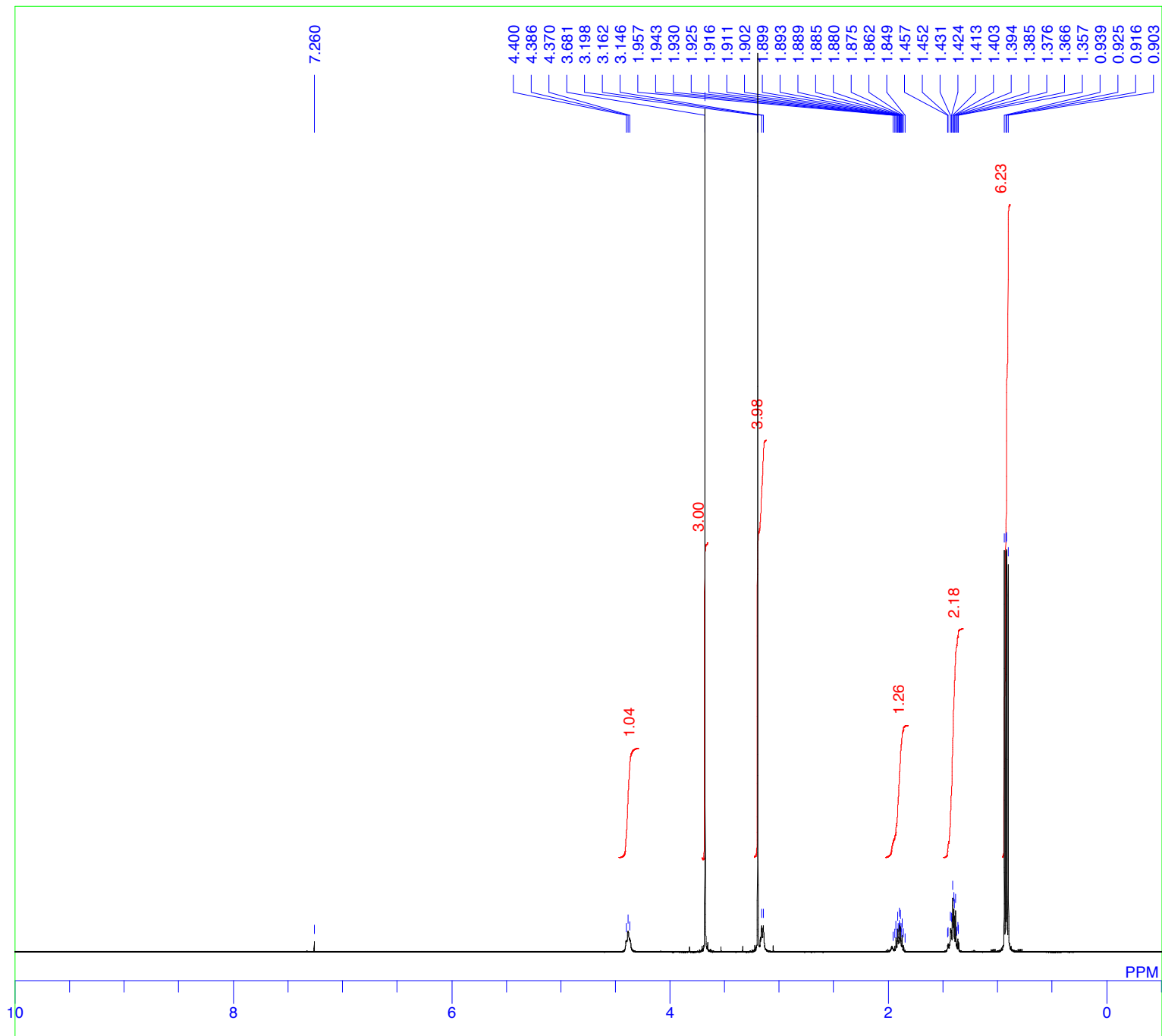
DFILE 5e-1H.als
COMNT
DATIM Mon Nov 08 18:45:30 2010
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 32768
FREQU 10000.00 Hz
SCANS 8
ACQTM 3.2768 sec
PD 3.7232 sec
PW1 6.20 usec
IRNUC 1H
CTEMP 23.5 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 13



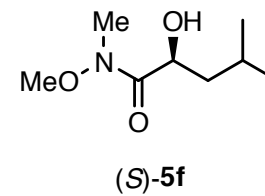


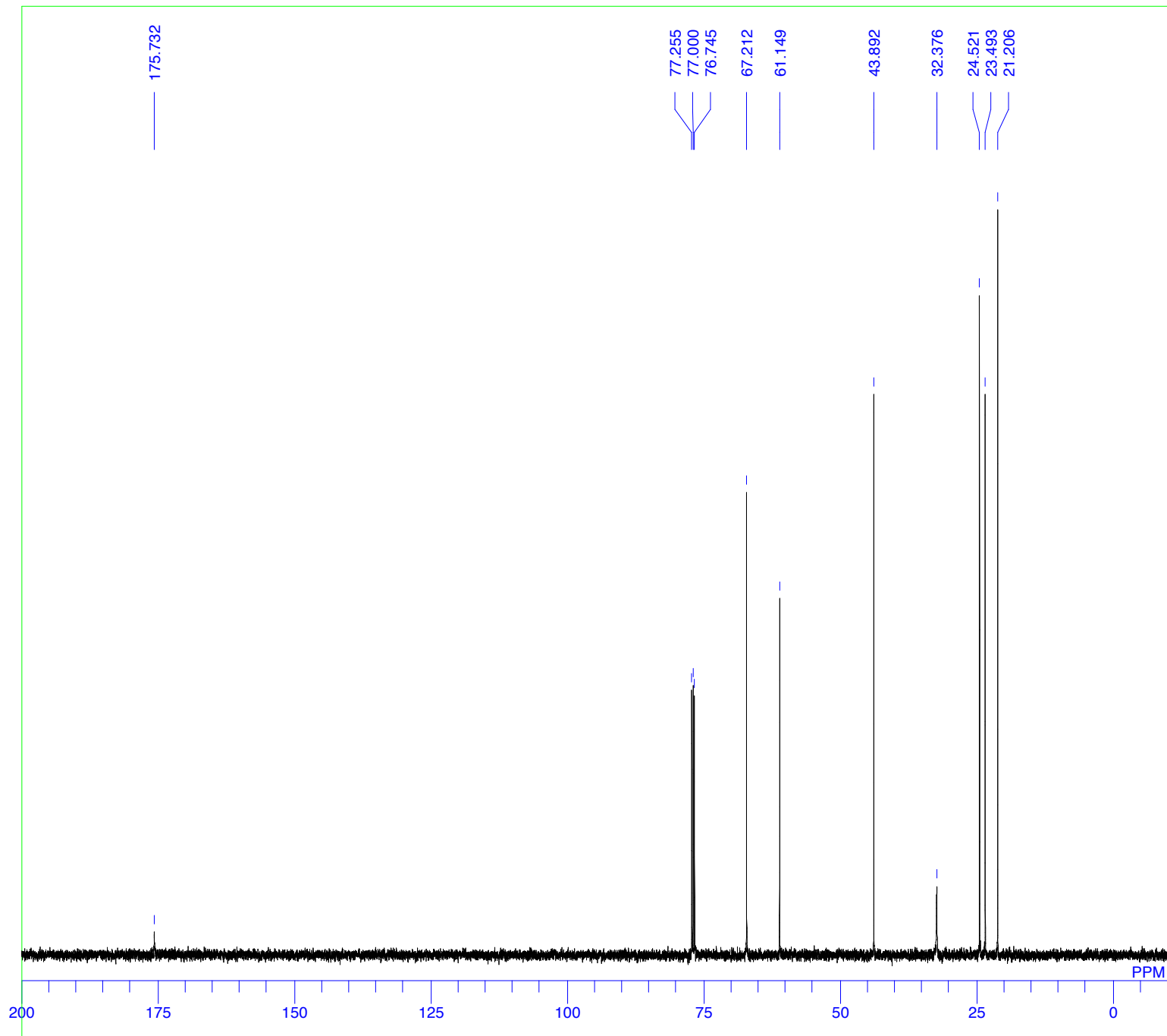
DFILE 5e-13C.als
COMNT
DATIM Mon Nov 08 19:05:49 2010
OBNUC ¹³C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 400
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC ¹H
CTEMP 25.8 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



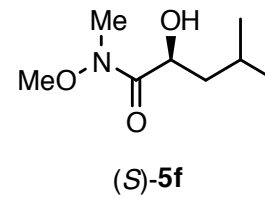


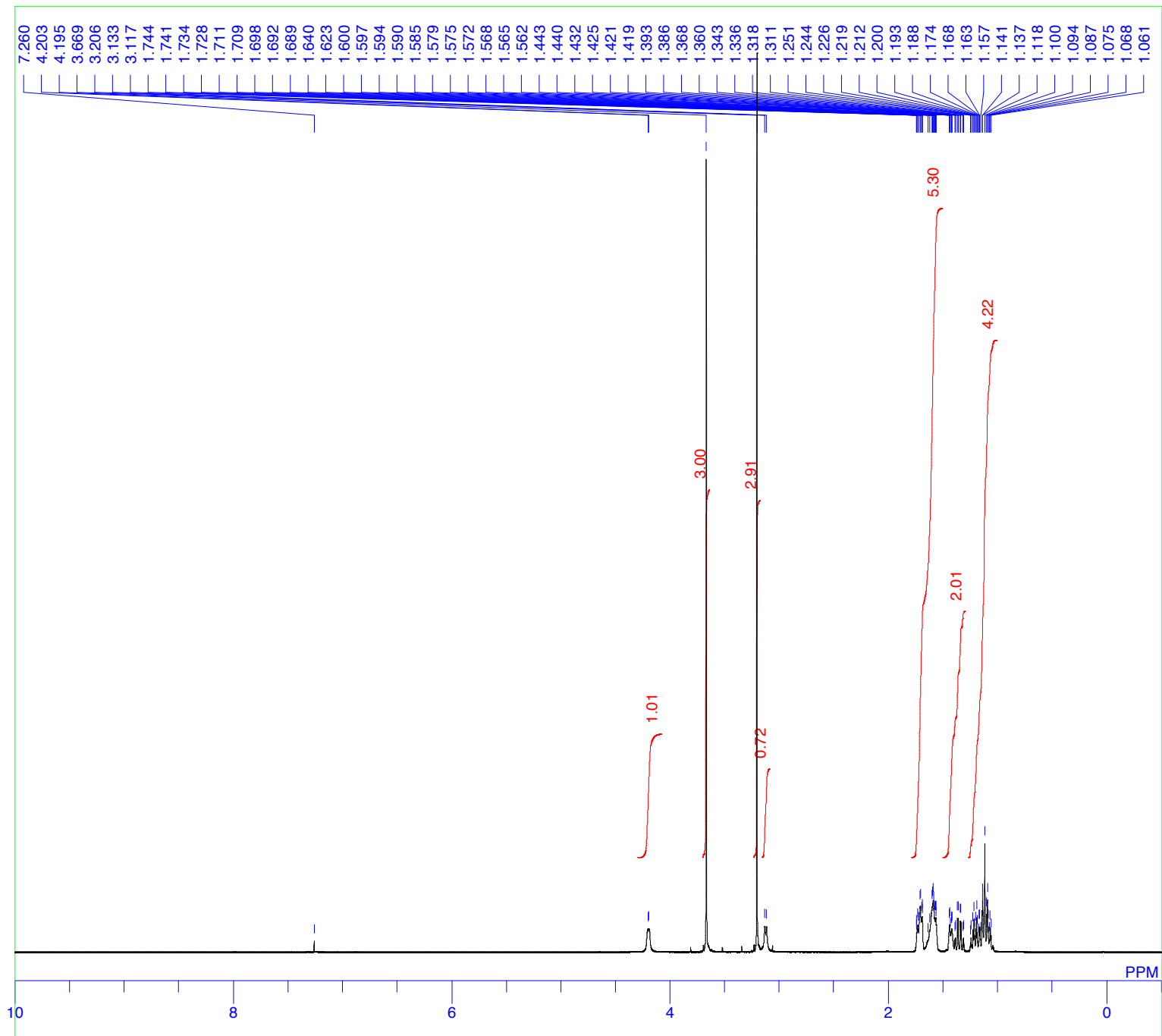
DFILE 5f-1H.als
 COMNT
 DATIM Tue Oct 12 18:10:13 2010
 OBNUC 1H
 EXMOD non
 OBFRQ 500.00 MHz
 OBSET 0.00 KHz
 OBFIN 162160.00 Hz
 POINT 32768
 FREQU 10000.00 Hz
 SCANS 8
 ACQTM 3.2768 sec
 PD 3.7232 sec
 PW1 6.50 usec
 IRNUC 1H
 CTEMP 24.4 c
 SLVNT CDCL3
 EXREF 7.26 ppm
 BF 0.12 Hz
 RGAIN 11



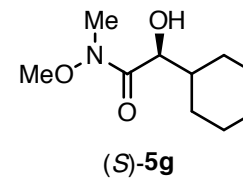


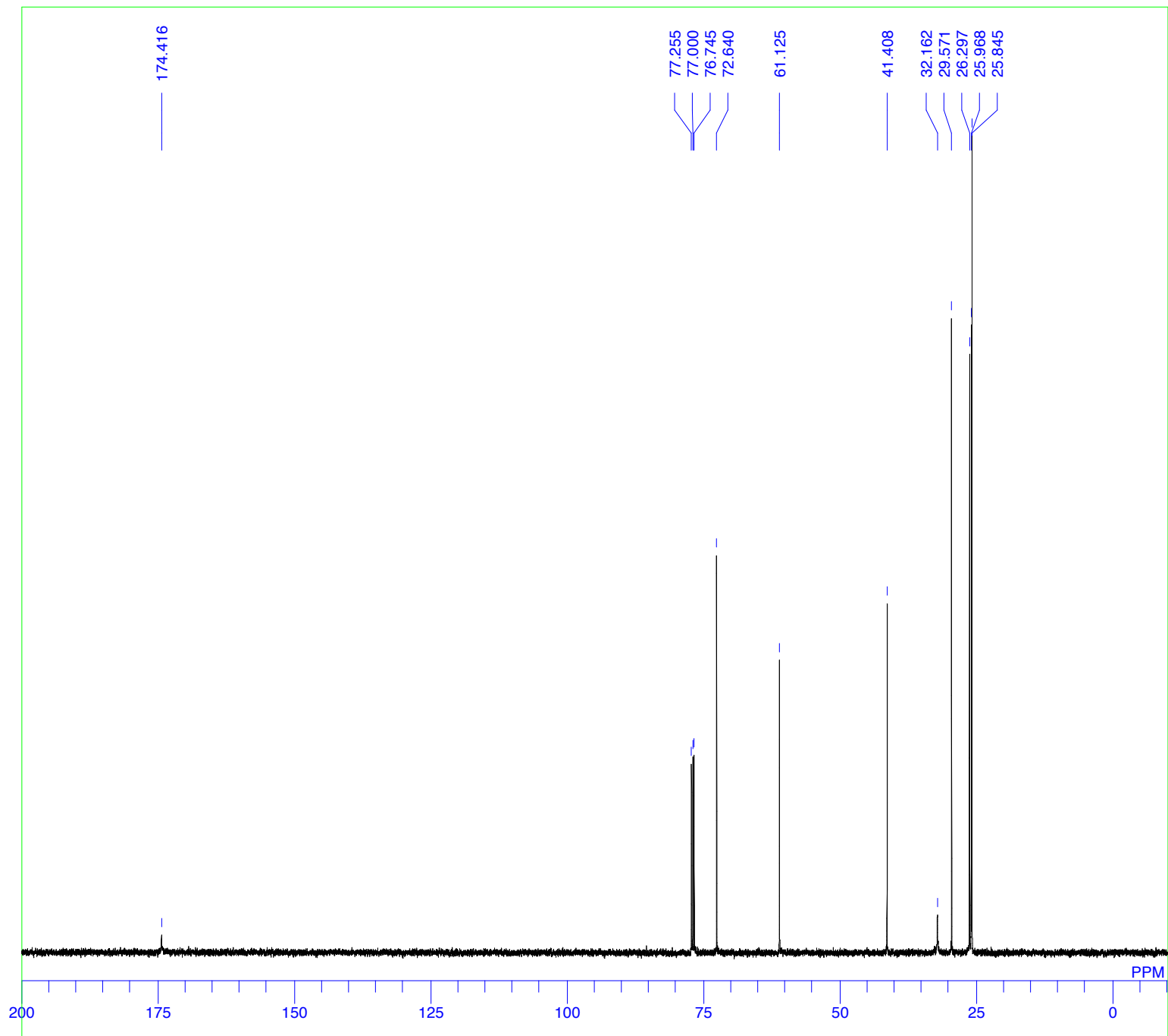
DFILE 5f-13C.als
COMNT
DATIM Wed Oct 13 11:21:50 2010
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 256
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 5.10 usec
IRNUC 1H
CTEMP 25.6 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



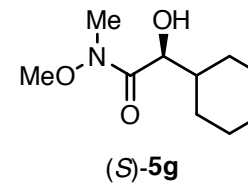


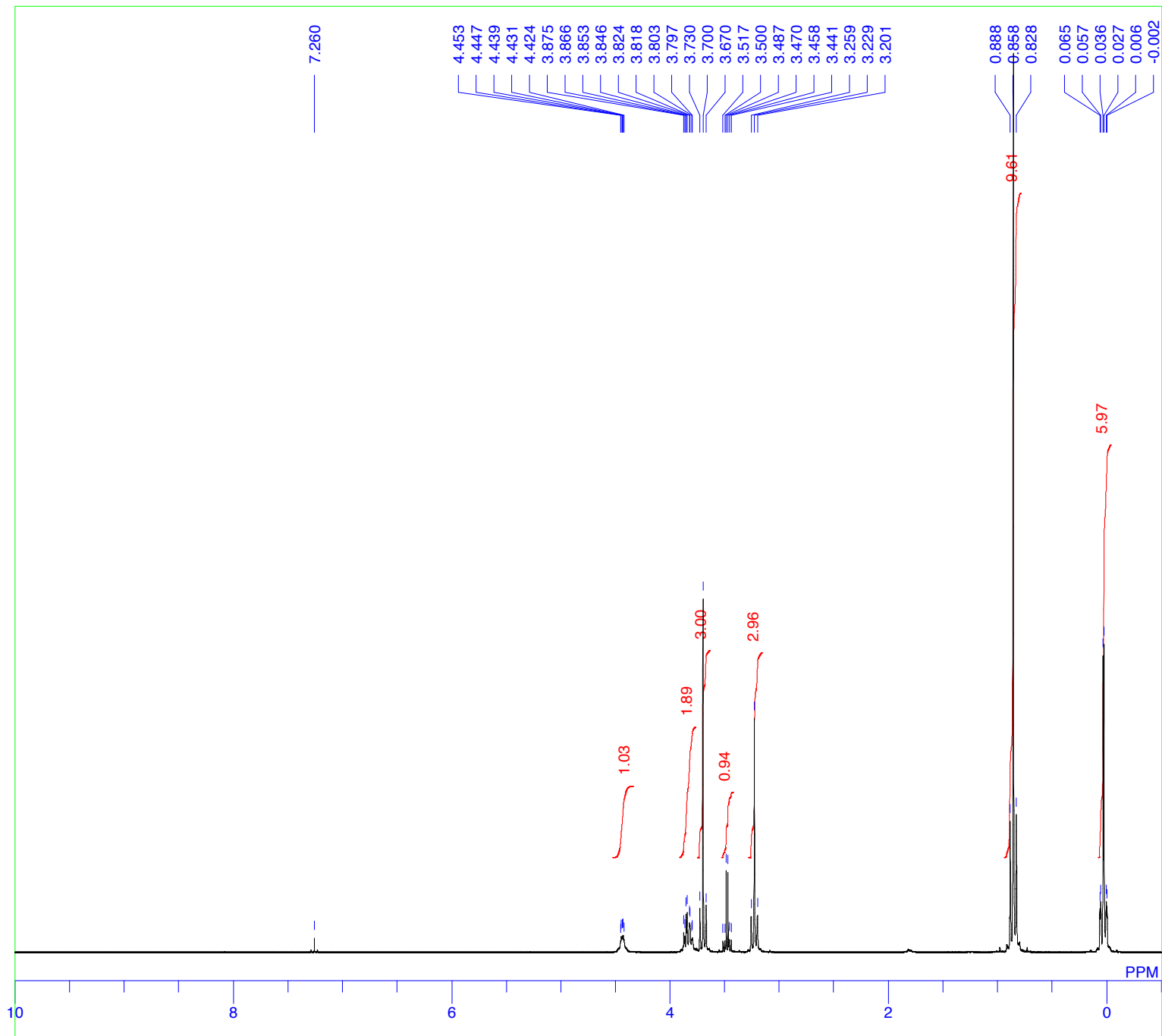
DFILE 5g-1H.als
COMNT
DATIM Tue Nov 09 15:06:30 2010
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 32768
FREQU 10000.00 Hz
SCANS 8
ACQTM 3.2768 sec
PD 3.7232 sec
PW1 6.20 usec
IRNUC 1H
CTEMP 22.9 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 10



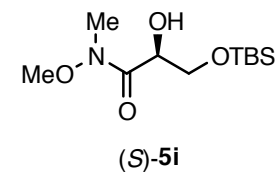


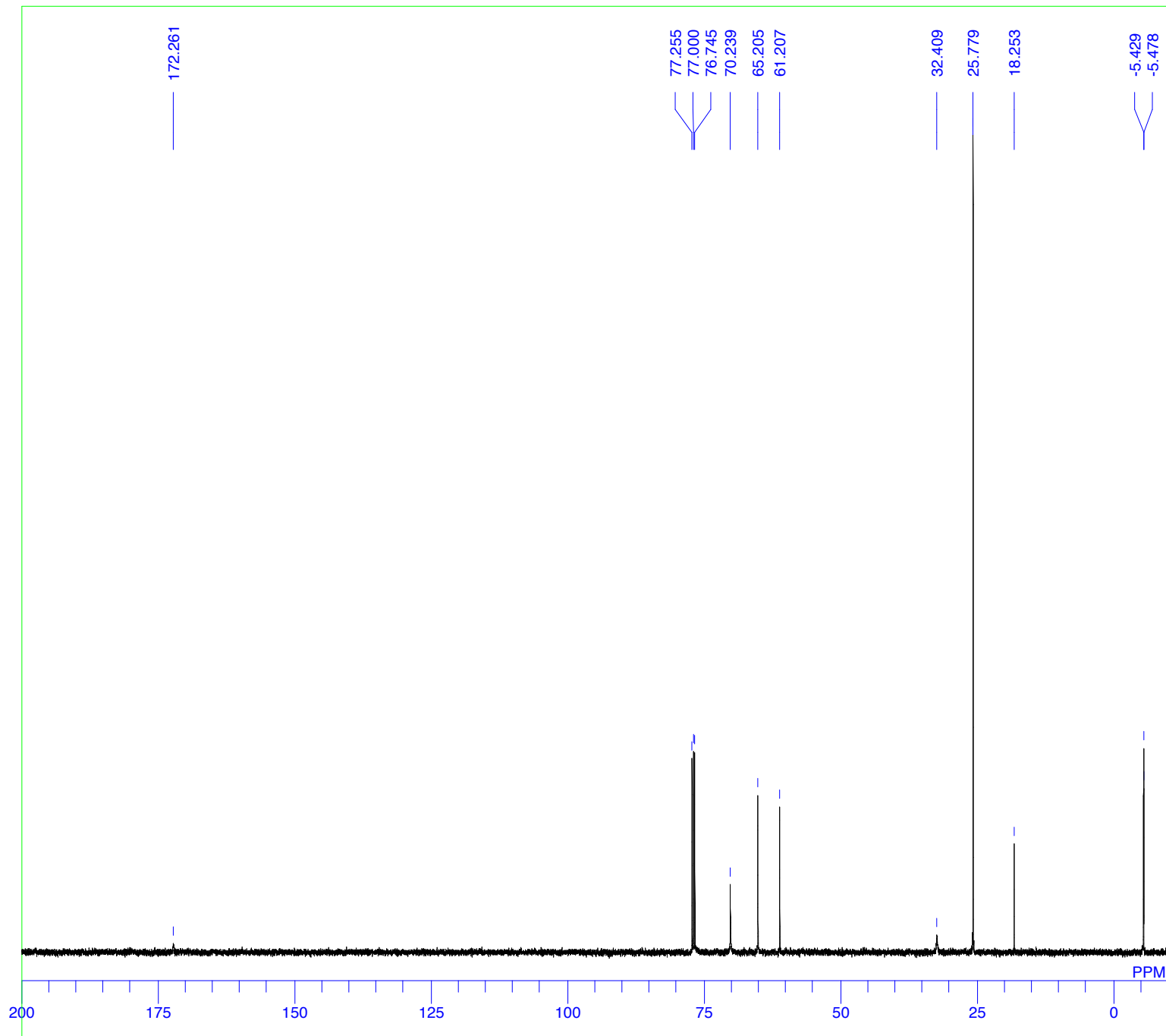
DFILE 5g-13C.als
COMNT
DATIM Wed Nov 10 10:38:12 2010
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 256
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC 1H
CTEMP 25.3 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



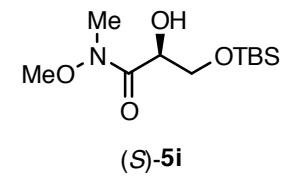


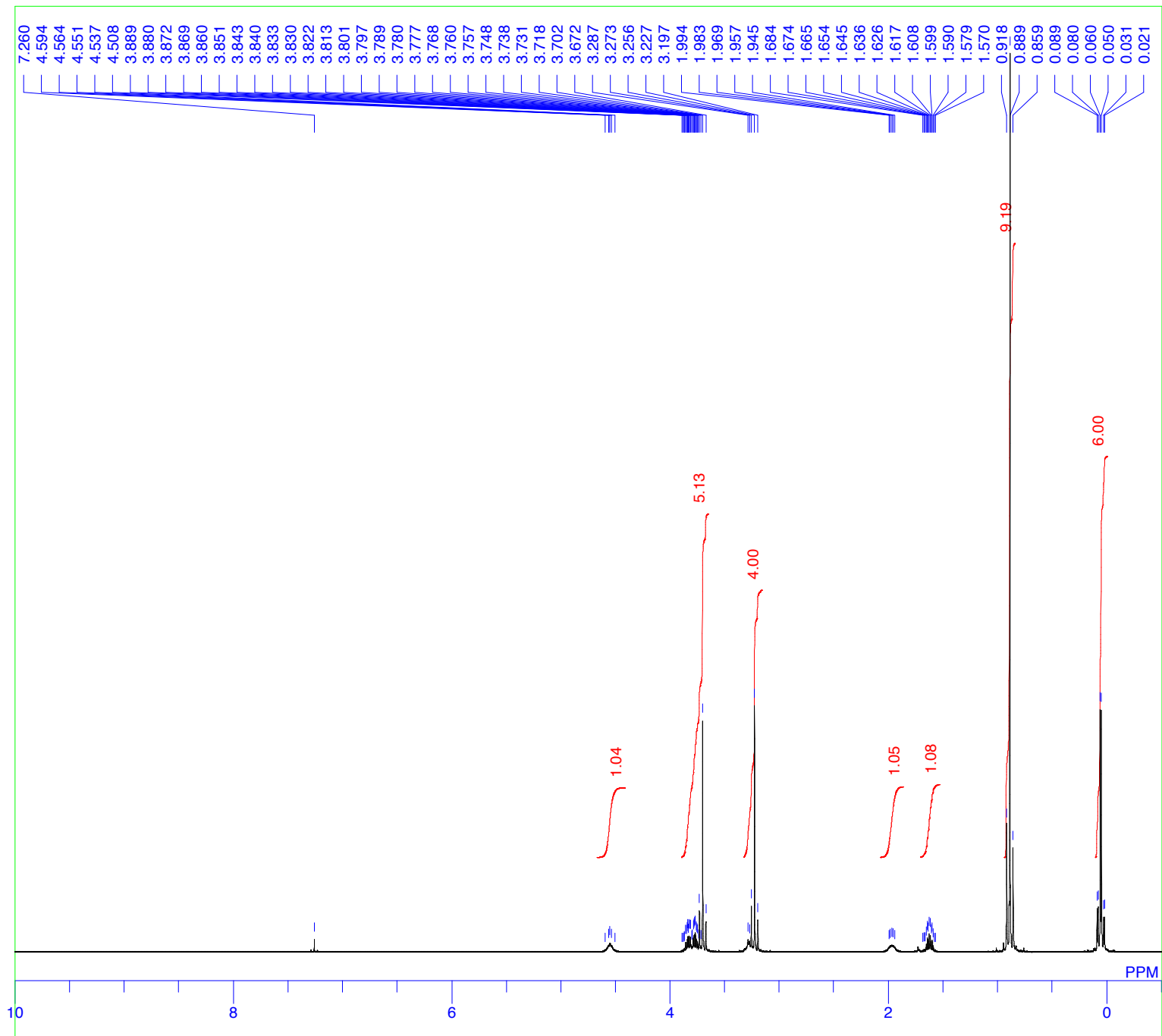
DFILE 5i-1H.als
 COMNT Thu Jan 13 14:31:57 2011
 DATIM 1H
 OBNUC non
 EXMOD 500.00 MHz
 OBFRQ 0.00 KHz
 OBSET 162160.00 Hz
 OBFIN 32768
 POINT 10000.00 Hz
 FREQU 8
 SCANS 3.2768 sec
 ACQTM 3.7232 sec
 PD 6.50 usec
 PW1 1H
 IRNUC 24.0 c
 CTEMP CDCL3
 SLVNT 7.26 ppm
 EXREF 0.12 Hz
 BF 13
 RGAIN



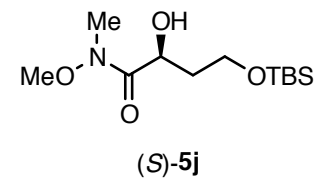


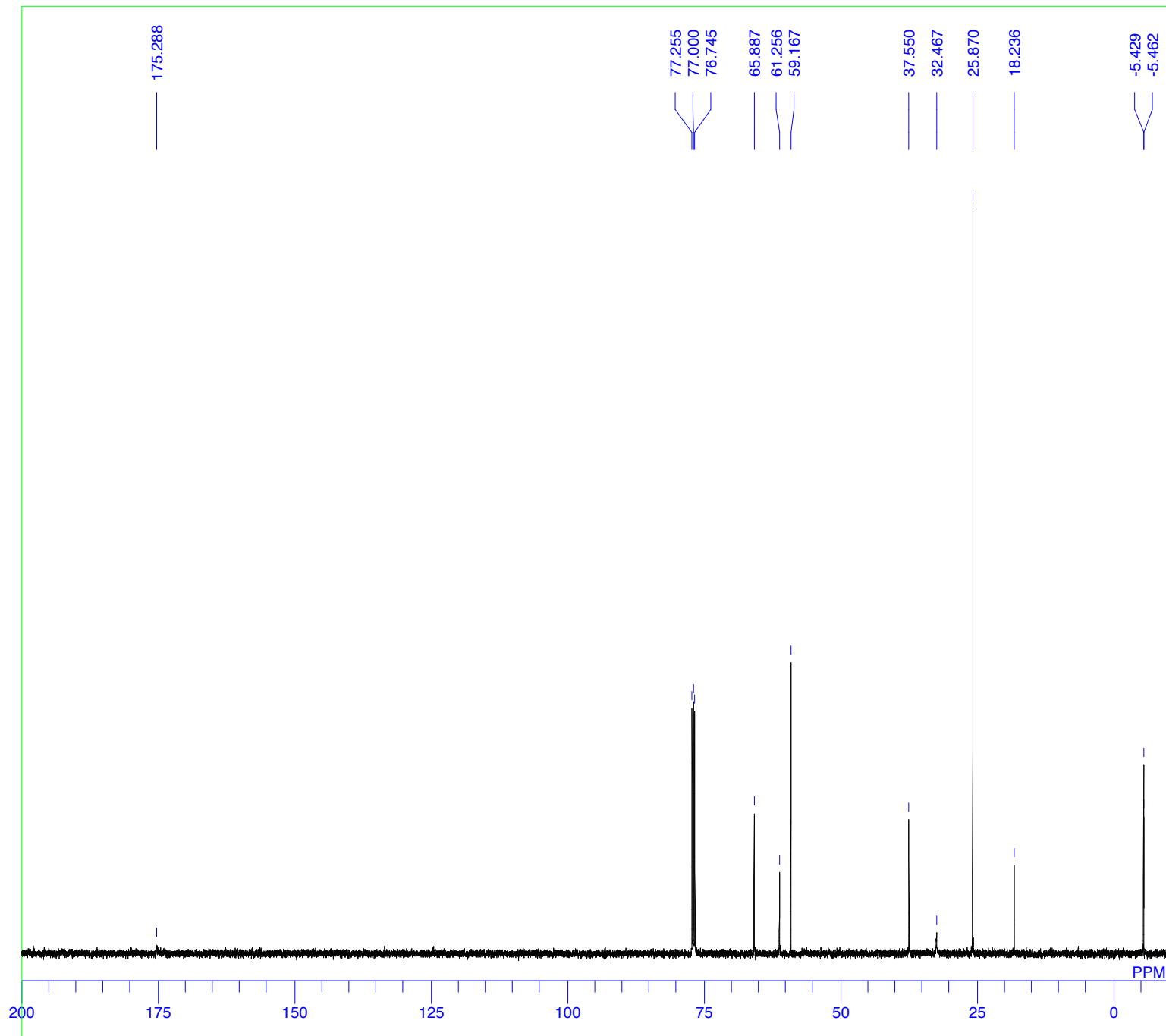
DFILE 5i-13C.als
COMNT
DATIM Thu Jan 13 14:52:16 2011
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 400
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 5.10 usec
IRNUC 1H
CTEMP 24.9 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



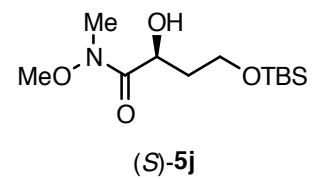


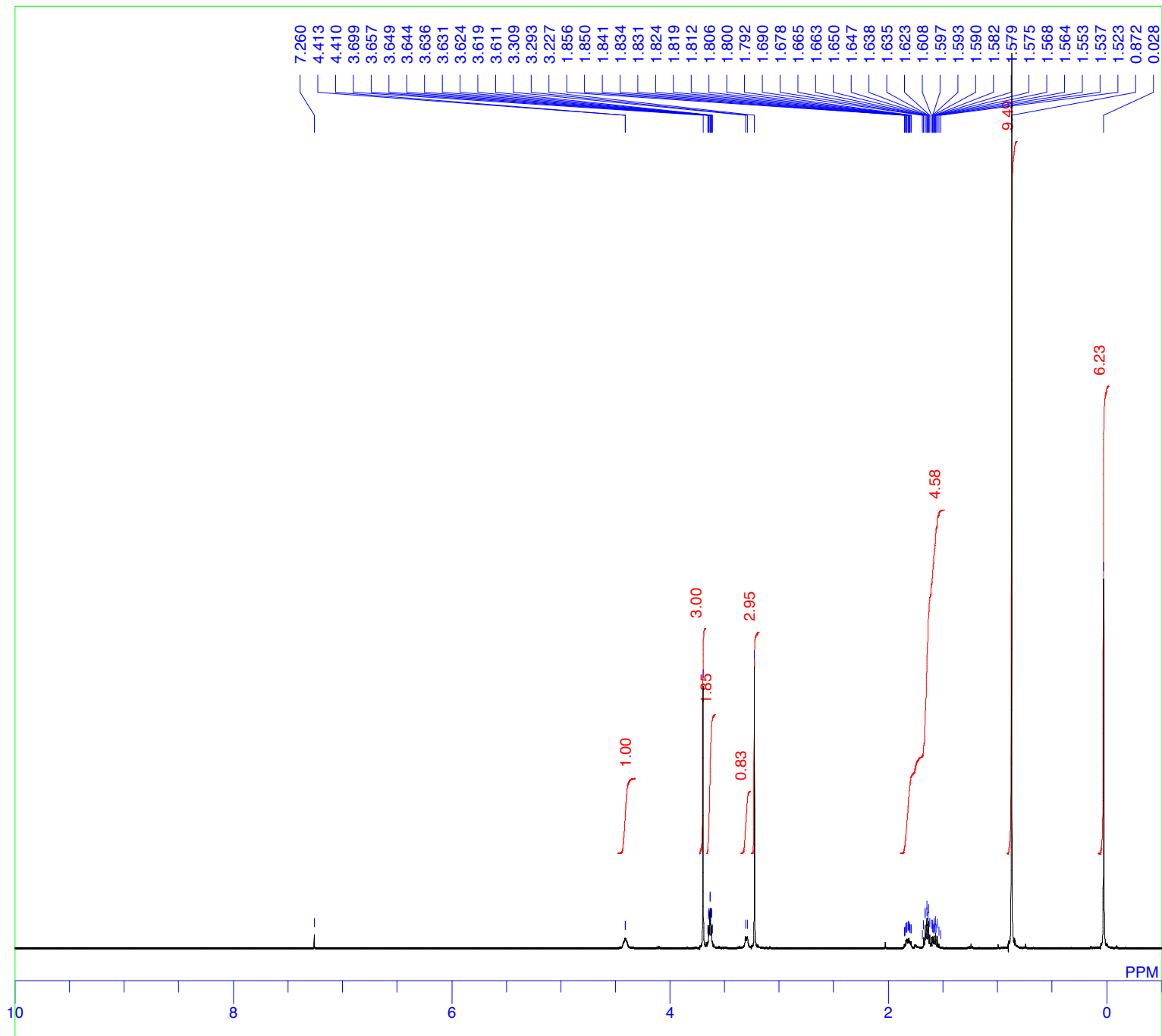
DFILE (CH2)2OTBS-alcohol-1H.als
 COMNT Thu Jan 13 14:57:21 2011
 DATIM 1H
 OBNUC non
 EXMOD 500.00 MHz
 OBFRQ 0.00 KHz
 OBSET 162160.00 Hz
 OBFIN 32768
 POINT 10000.00 Hz
 FREQU 8
 SCANS 3.2768 sec
 ACQTM 3.7232 sec
 PD 6.50 usec
 PW1 1H
 IRNUC 24.2 c
 CTEMP CDCL3
 SLVNT 7.26 ppm
 EXREF 0.12 Hz
 BF 15
 RGAIN



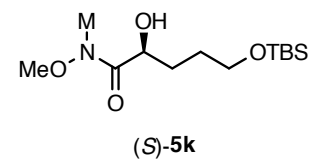


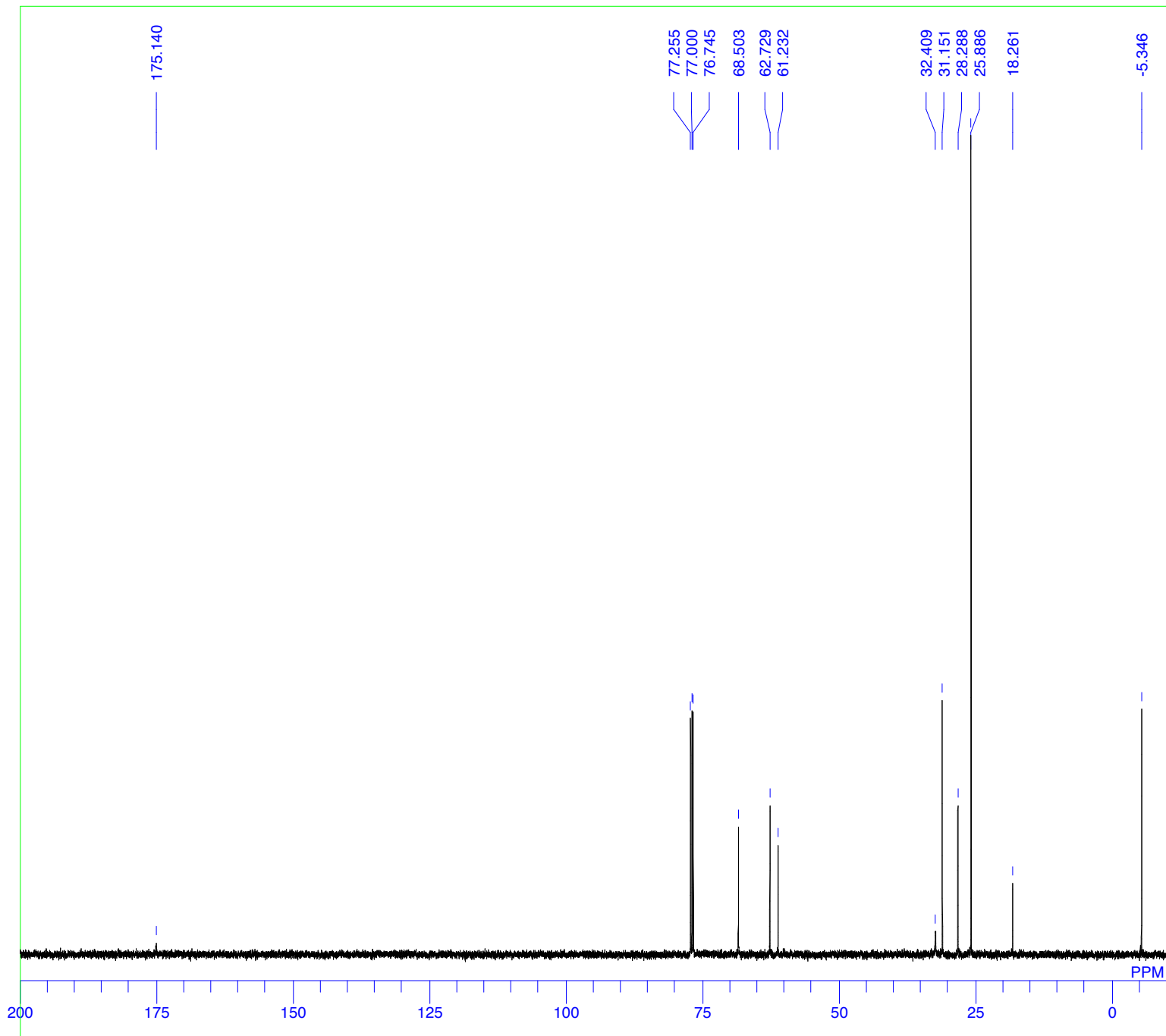
DFILE 5j-13C.als
COMNT
DATIM Thu Jan 13 15:17:39 2011
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 400
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 5.10 usec
IRNUC 1H
CTEMP 25.0 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



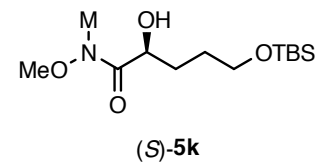


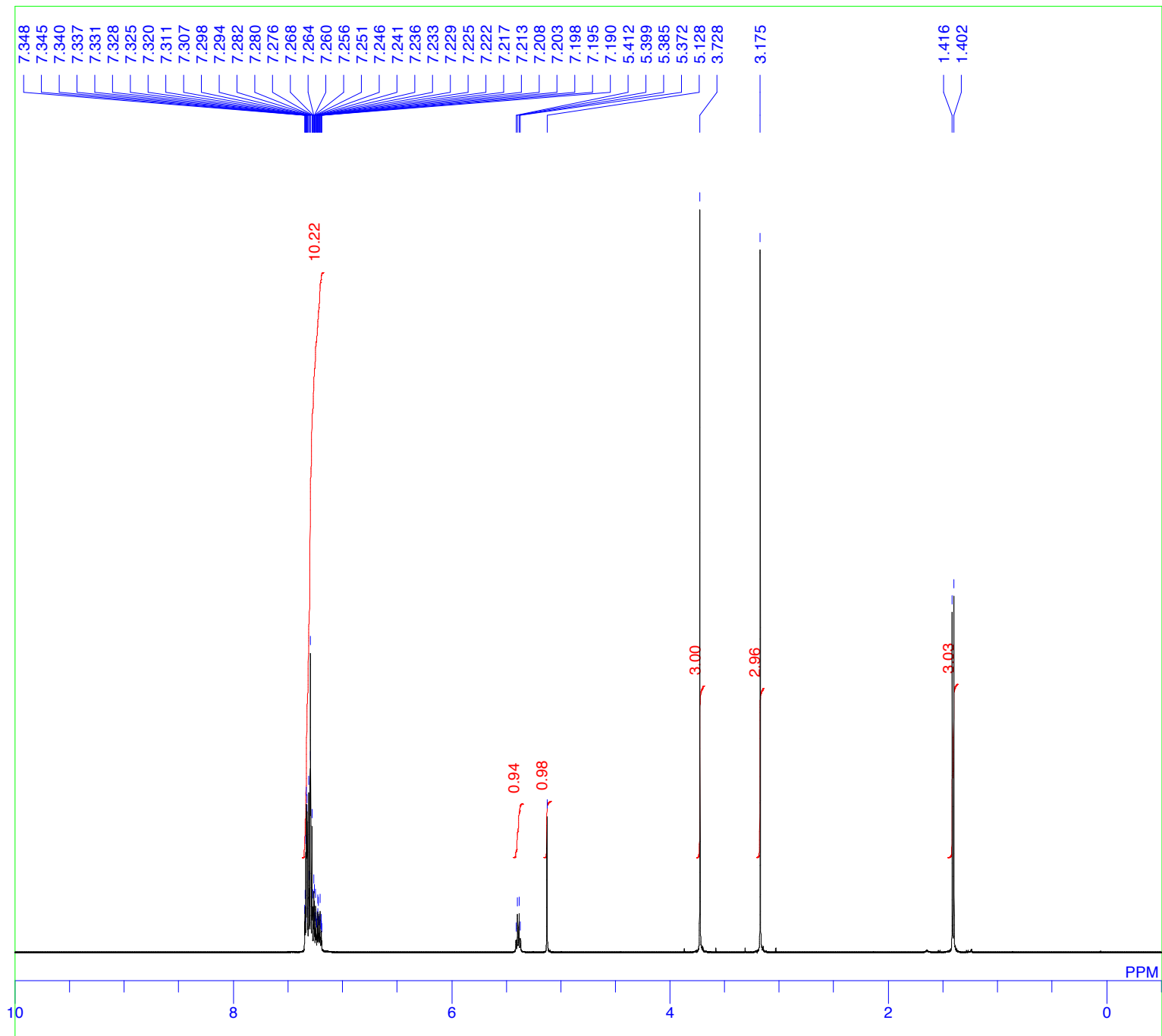
DFILE 5k-1H.als
COMNT
DATIM Mon Jan 31 14:34:59 2011
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 32768
FREQU 10000.00 Hz
SCANS 8
ACQTM 3.2768 sec
PD 3.7232 sec
PW1 6.50 usec
IRNUC 1H
CTEMP 23.8 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 14



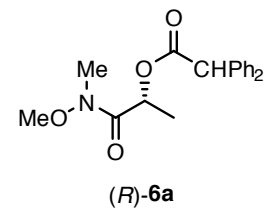


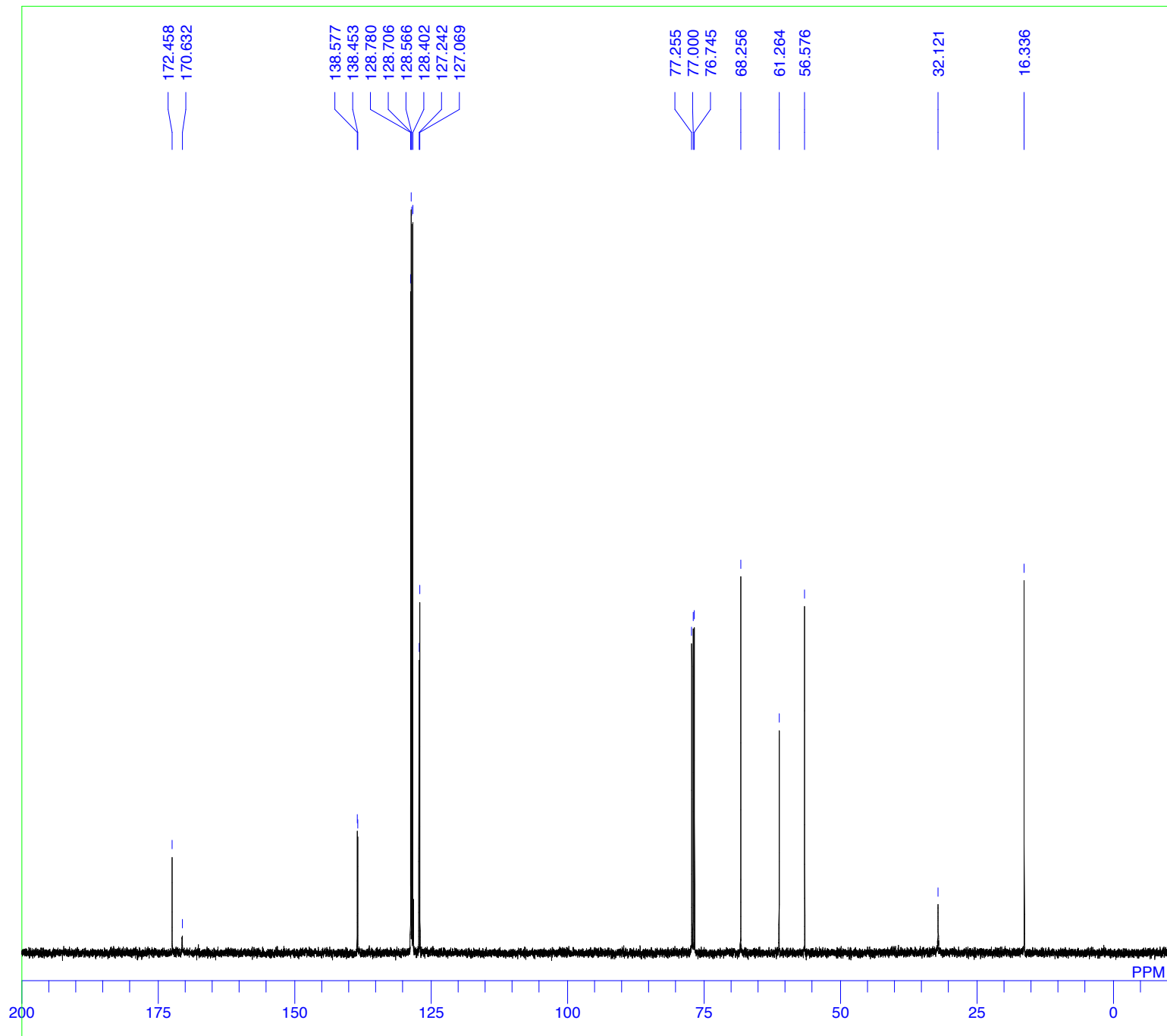
DFILE 5k-13C.als
COMNT (S)-5l
DATIM Mon Jan 31 14:55:18 2011
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 400
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 5.10 usec
IRNUC 1H
CTEMP 24.5 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



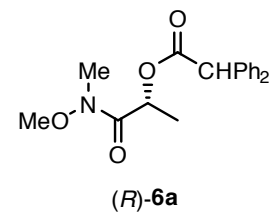


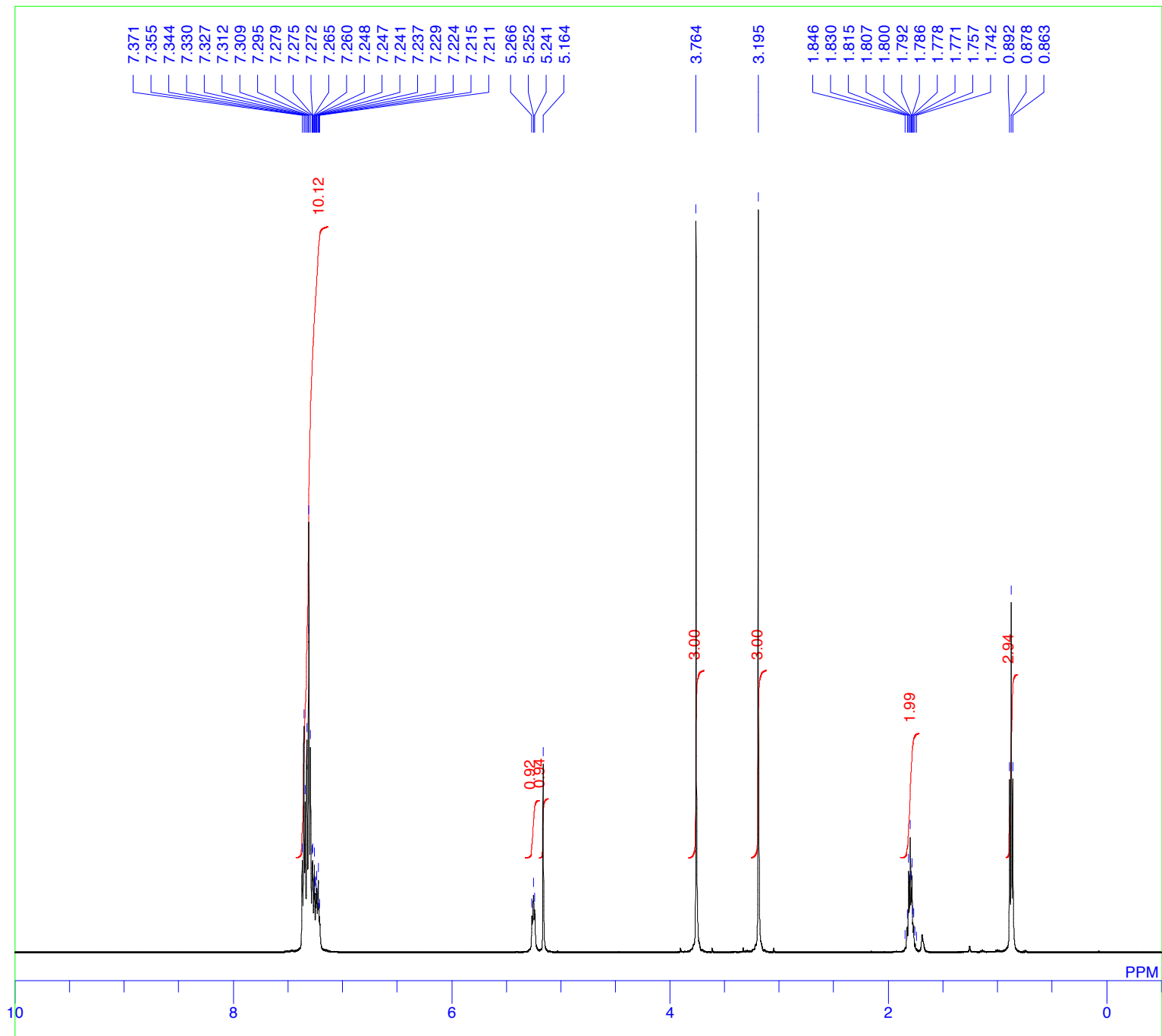
DFILE 6a-1H.als
 COMNT
 DATIM Mon Jan 31 16:54:00 2011
 OBNUC 1H
 EXMOD non
 OBFRQ 500.00 MHz
 OBSET 0.00 KHz
 OBFIN 162160.00 Hz
 POINT 32768
 FREQU 10000.00 Hz
 SCANS 8
 ACQTM 3.2768 sec
 PD 3.7232 sec
 PW1 6.50 usec
 IRNUC 1H
 CTEMP 23.9 c
 SLVNT CDCL3
 EXREF 7.26 ppm
 BF 0.12 Hz
 RGAIN 14



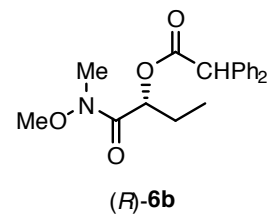


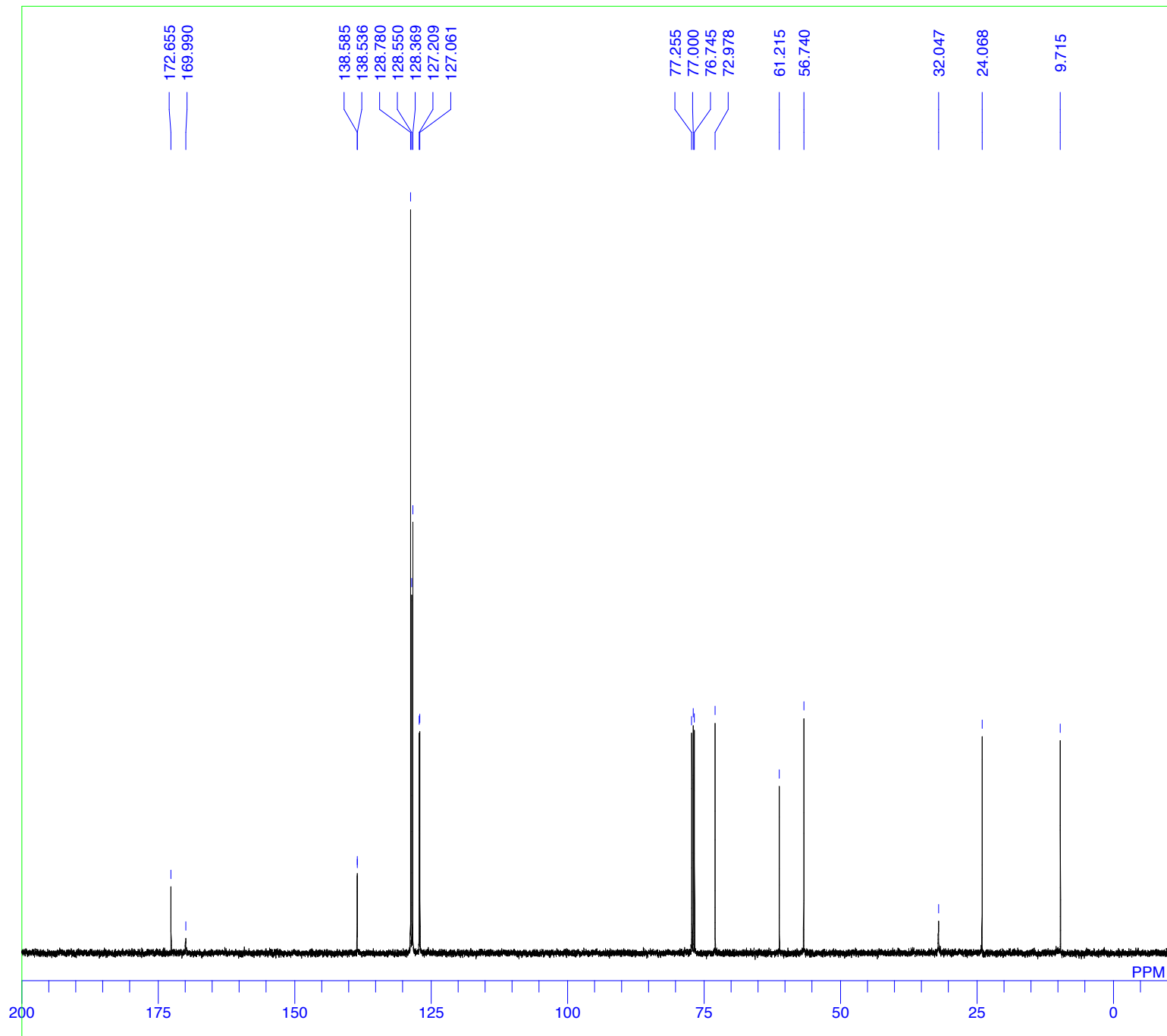
DFILE 6a-13C.als
COMNT
DATIM Mon Jan 31 17:19:55 2011
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 512
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 5.10 usec
IRNUC 1H
CTEMP 24.6 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 31



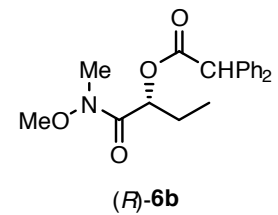


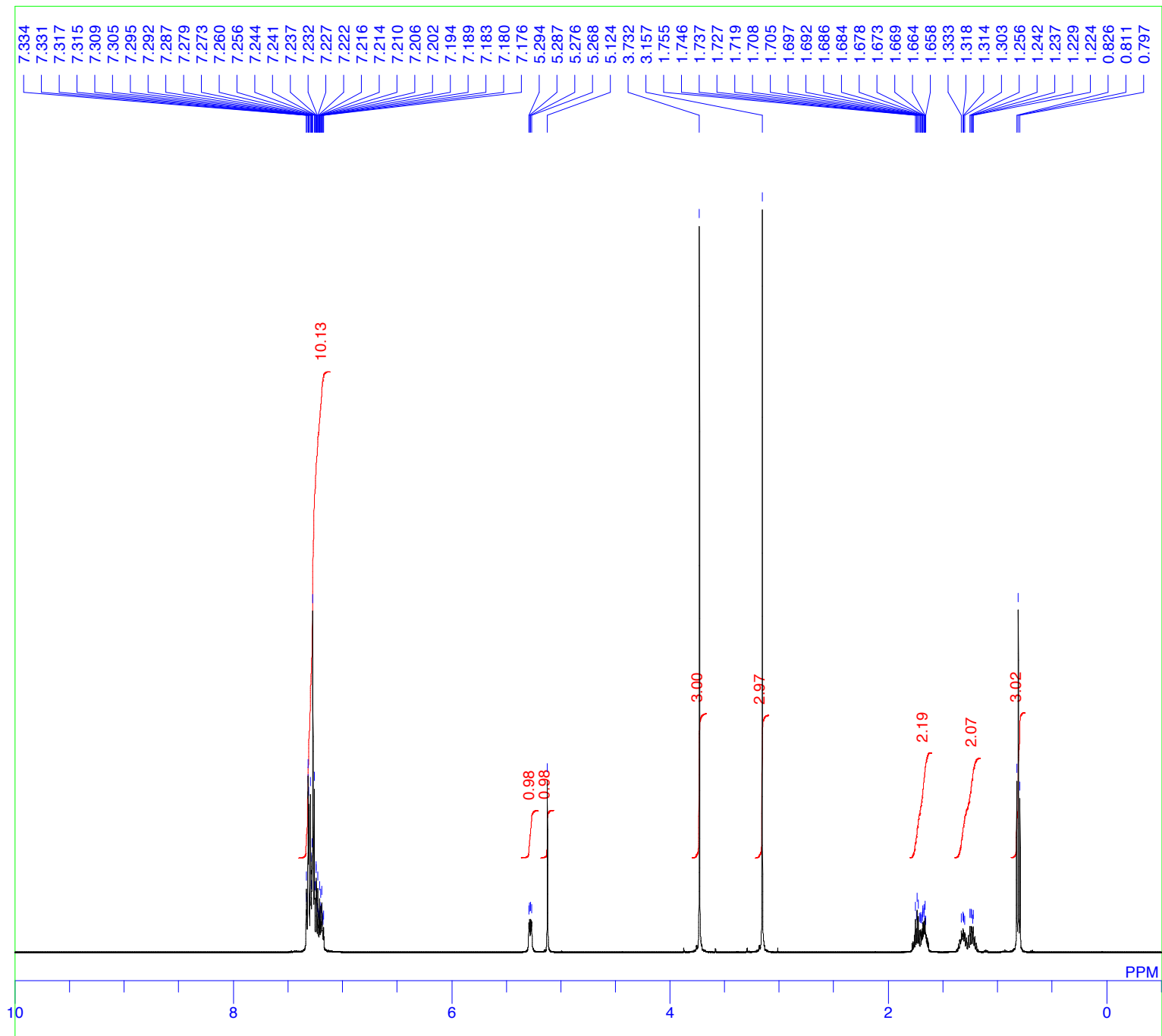
DFILE 6b-1H.als
 COMNT
 DATIM Fri Nov 19 14:38:15 2010
 OBNUC 1H
 EXMOD non
 OBFRQ 500.00 MHz
 OBSET 0.00 KHz
 OBFIN 162160.00 Hz
 POINT 32768
 FREQU 10000.00 Hz
 SCANS 8
 ACQTM 3.2768 sec
 PD 3.7232 sec
 PW1 6.20 usec
 IRNUC 1H
 CTEMP 23.3 c
 SLVNT CDCL3
 EXREF 7.26 ppm
 BF 0.12 Hz
 RGAIN 13



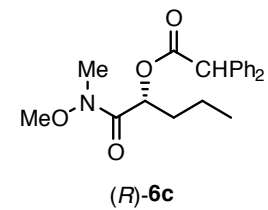


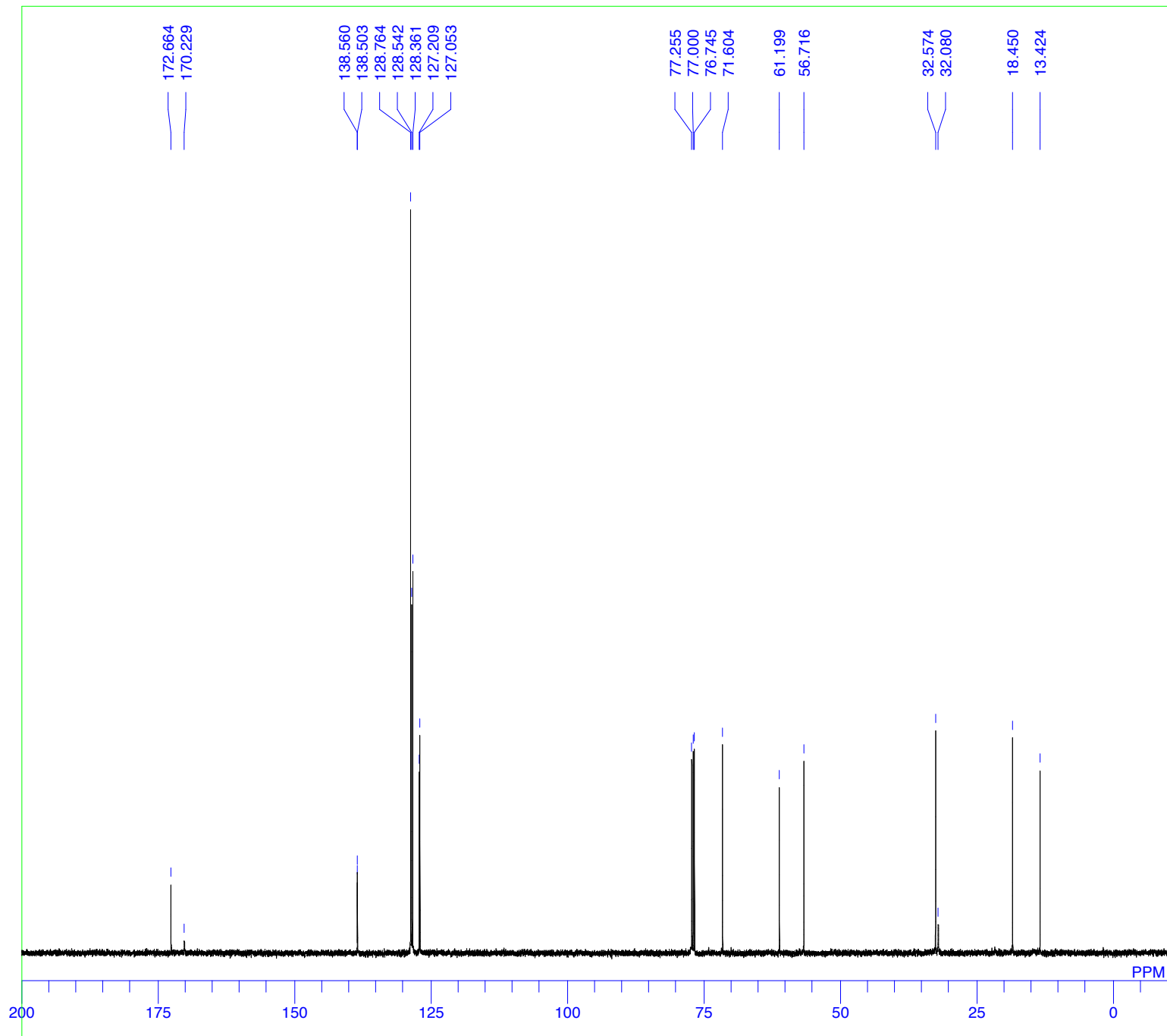
DFILE 6b-13C.als
COMNT
DATIM Fri Nov 19 15:04:11 2010
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 512
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC 1H
CTEMP 25.6 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



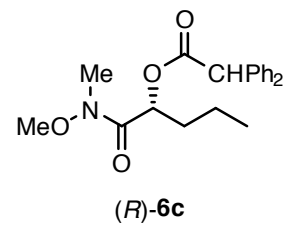


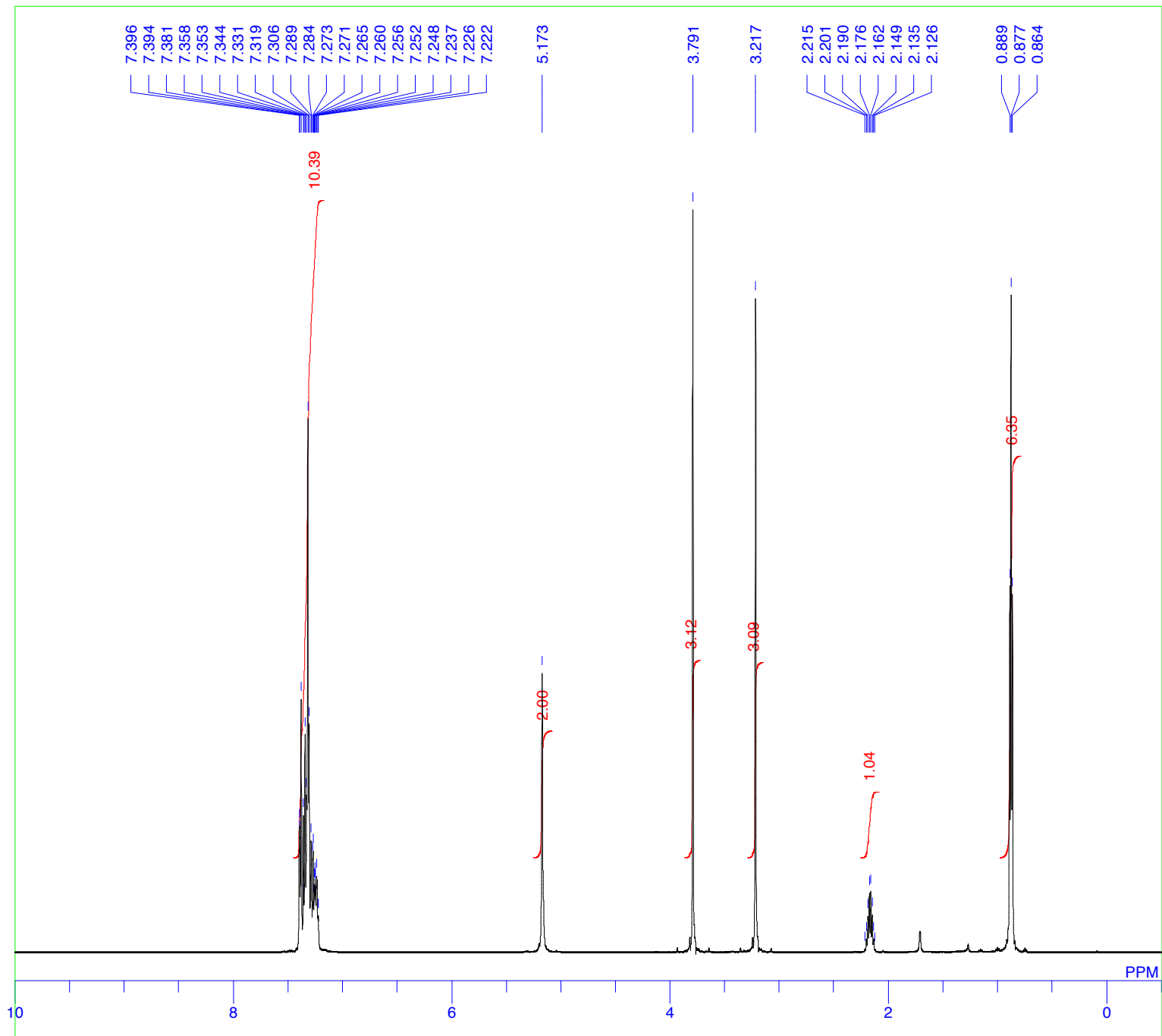
DFILE 6c-1H.als
 COMNT
 DATIM Fri Nov 19 15:09:08 2010
 OBNUC 1H
 EXMOD non
 OBFRQ 500.00 MHz
 OBSET 0.00 KHz
 OBFIN 162160.00 Hz
 POINT 32768
 FREQU 10000.00 Hz
 SCANS 8
 ACQTM 3.2768 sec
 PD 3.7232 sec
 PW1 6.20 usec
 IRNUC 1H
 CTEMP 24.5 c
 SLVNT CDCL3
 EXREF 7.26 ppm
 BF 0.12 Hz
 RGAIN 14



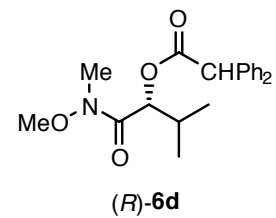


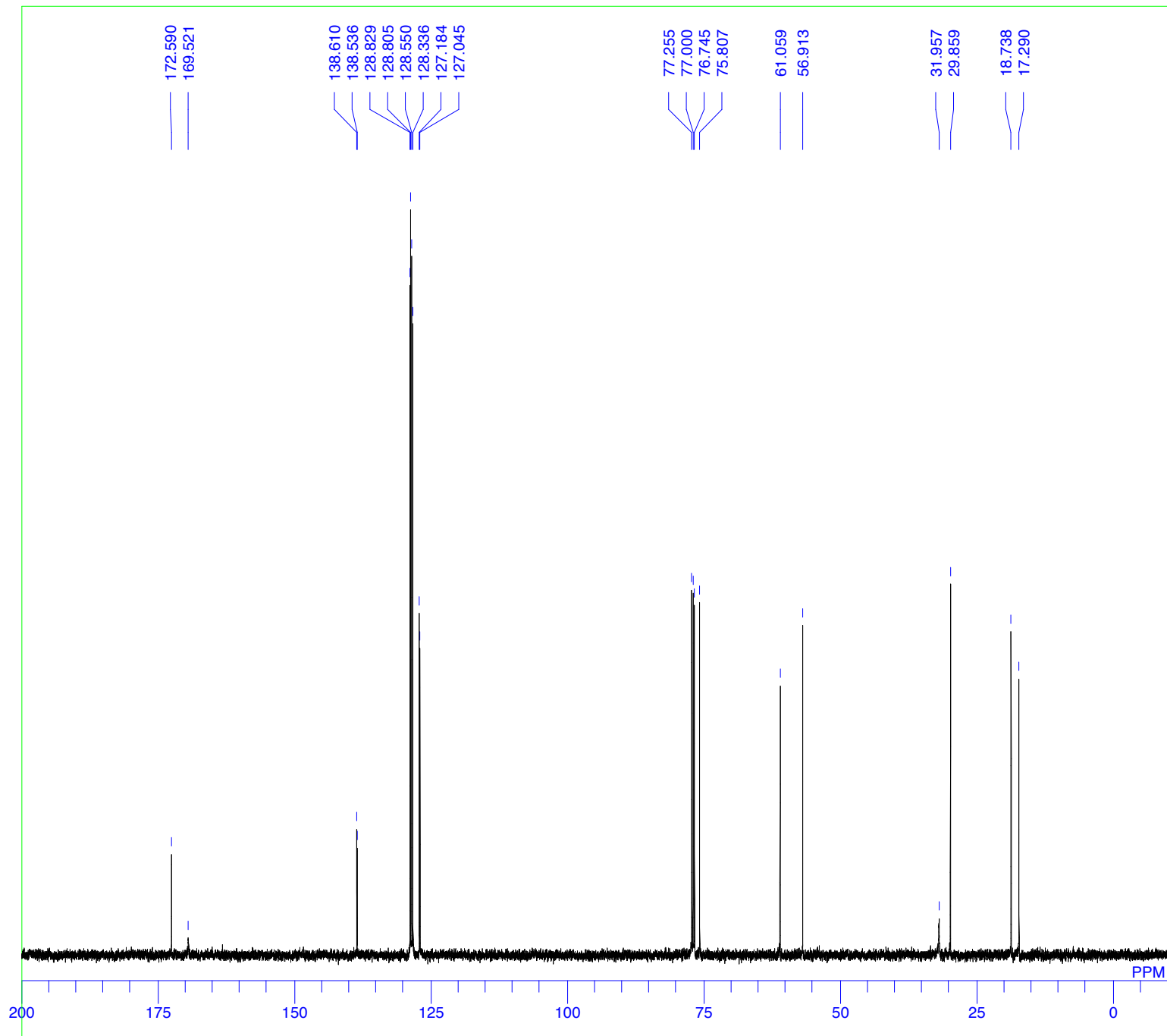
DFILE nPr-ester-13C.als
COMNT
DATIM Fri Nov 19 15:29:27 2010
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 400
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC 1H
CTEMP 25.3 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



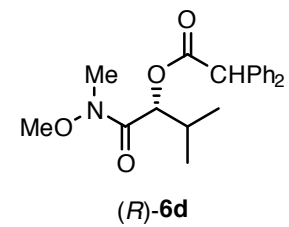


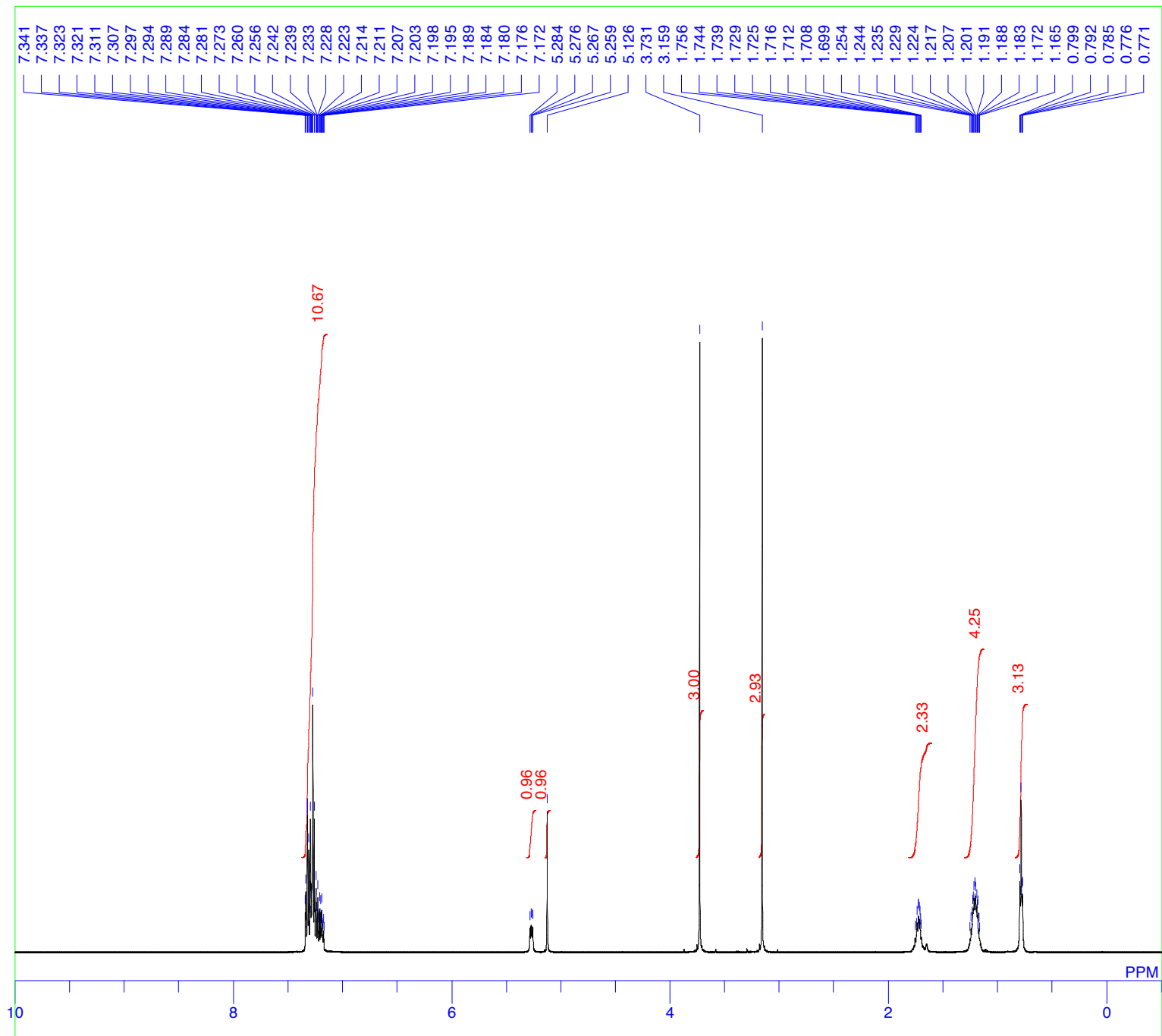
DFILE 6d-1H.als
 COMNT
 DATIM Fri Nov 19 17:38:27 2010
 OBNUC 1H
 EXMOD non
 OBFRQ 500.00 MHz
 OBSET 0.00 KHz
 OBFIN 162160.00 Hz
 POINT 32768
 FREQU 10000.00 Hz
 SCANS 8
 ACQTM 3.2768 sec
 PD 3.7232 sec
 PW1 6.20 usec
 IRNUC 1H
 CTEMP 23.4 c
 SLVNT CDCL3
 EXREF 7.26 ppm
 BF 0.12 Hz
 RGAIN 13



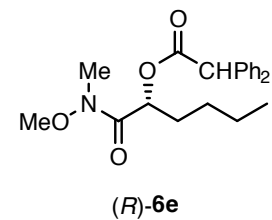


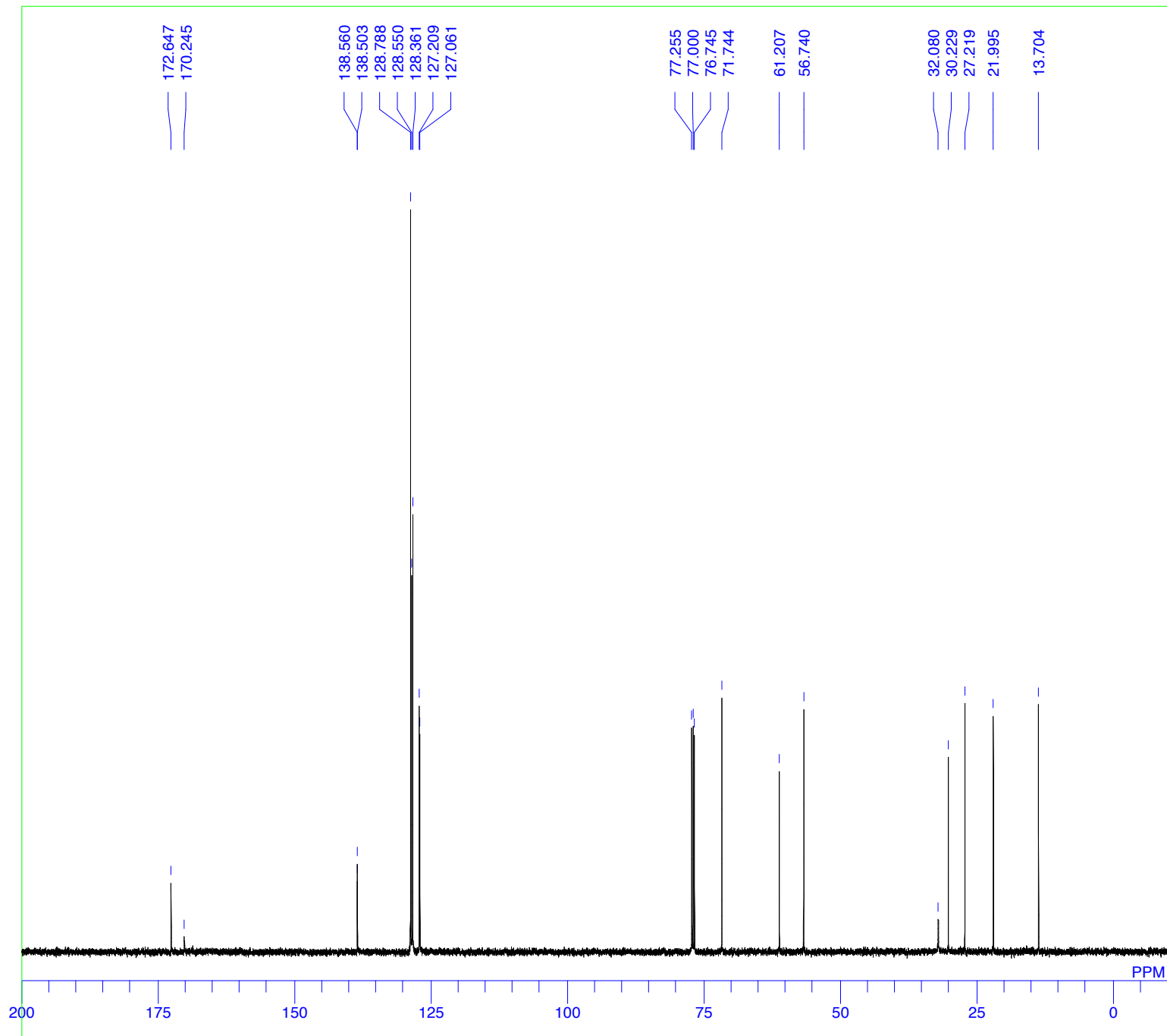
DFILE 6d-13C.als
COMNT
DATIM Fri Nov 19 17:58:46 2010
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 400
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC 1H
CTEMP 25.4 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



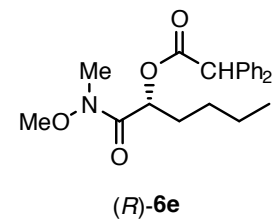


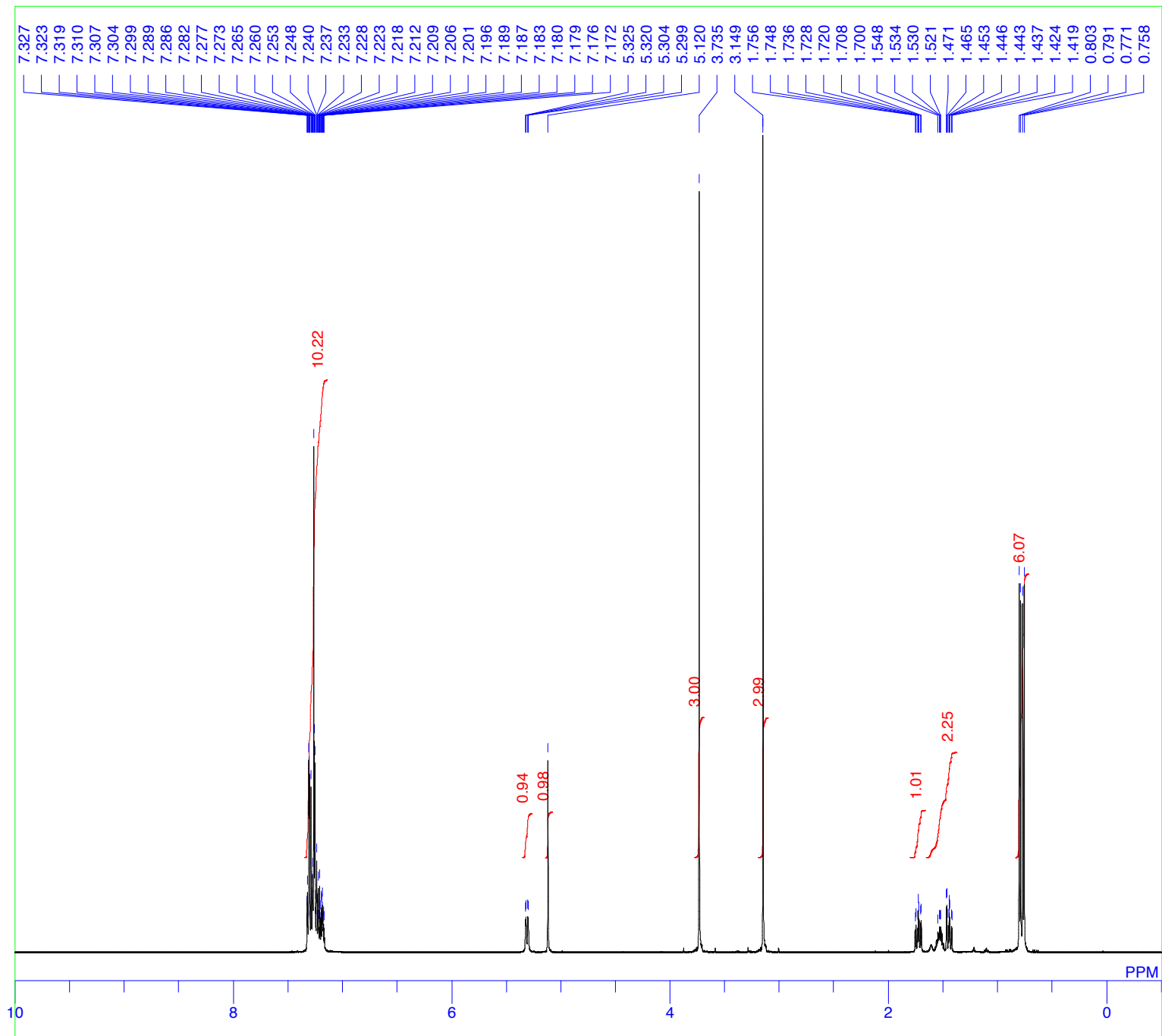
DFILE 6e-1H.als
COMNT
DATIM Fri Nov 19 15:35:16 2010
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 32768
FREQU 10000.00 Hz
SCANS 8
ACQTM 3.2768 sec
PD 3.7232 sec
PW1 6.20 usec
IRNUC 1H
CTEMP 24.8 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 15



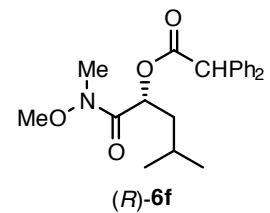


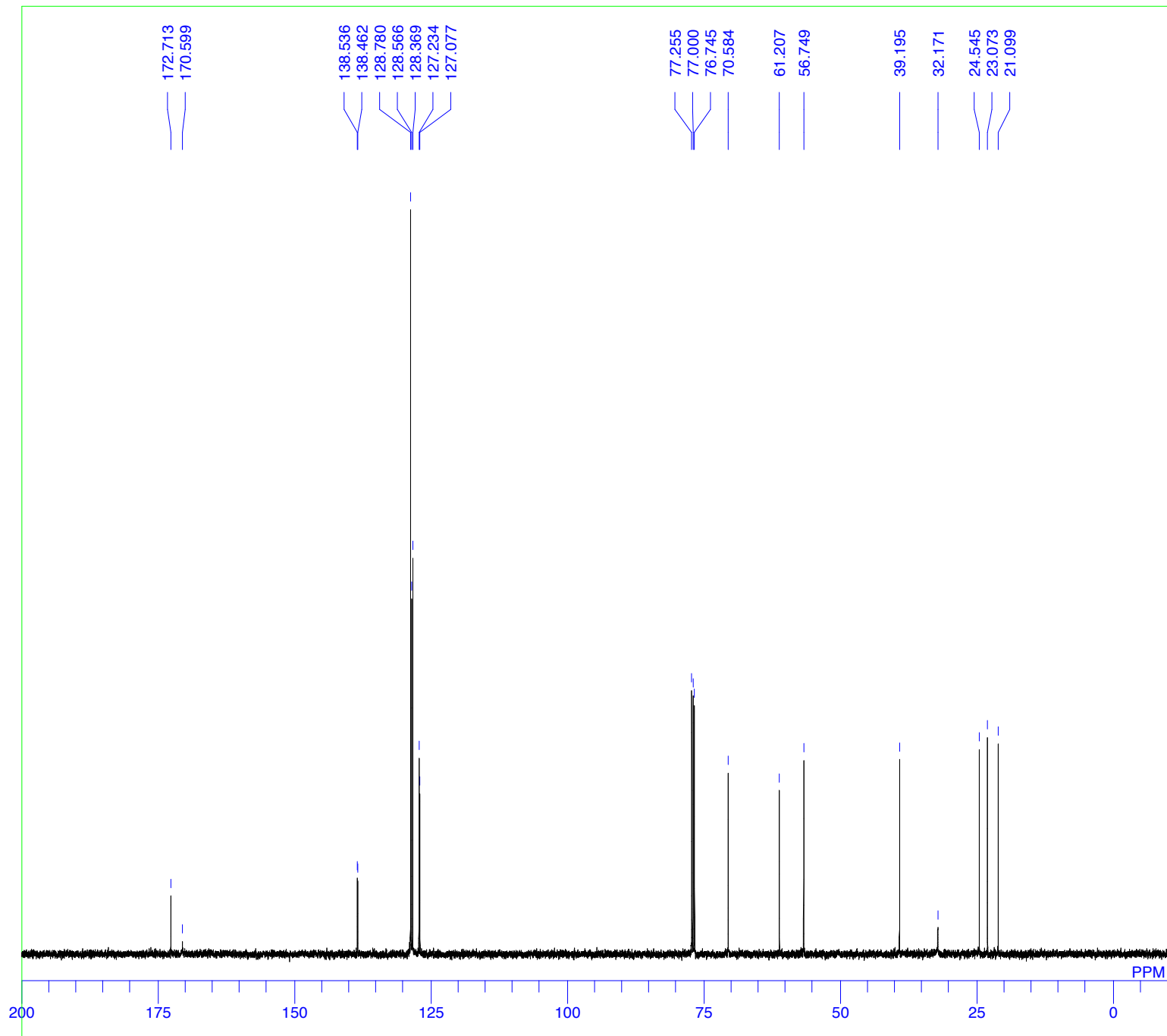
DFILE 6e-13C.als
COMNT
DATIM Fri Nov 19 15:55:35 2010
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 400
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC 1H
CTEMP 25.7 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



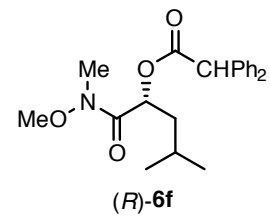


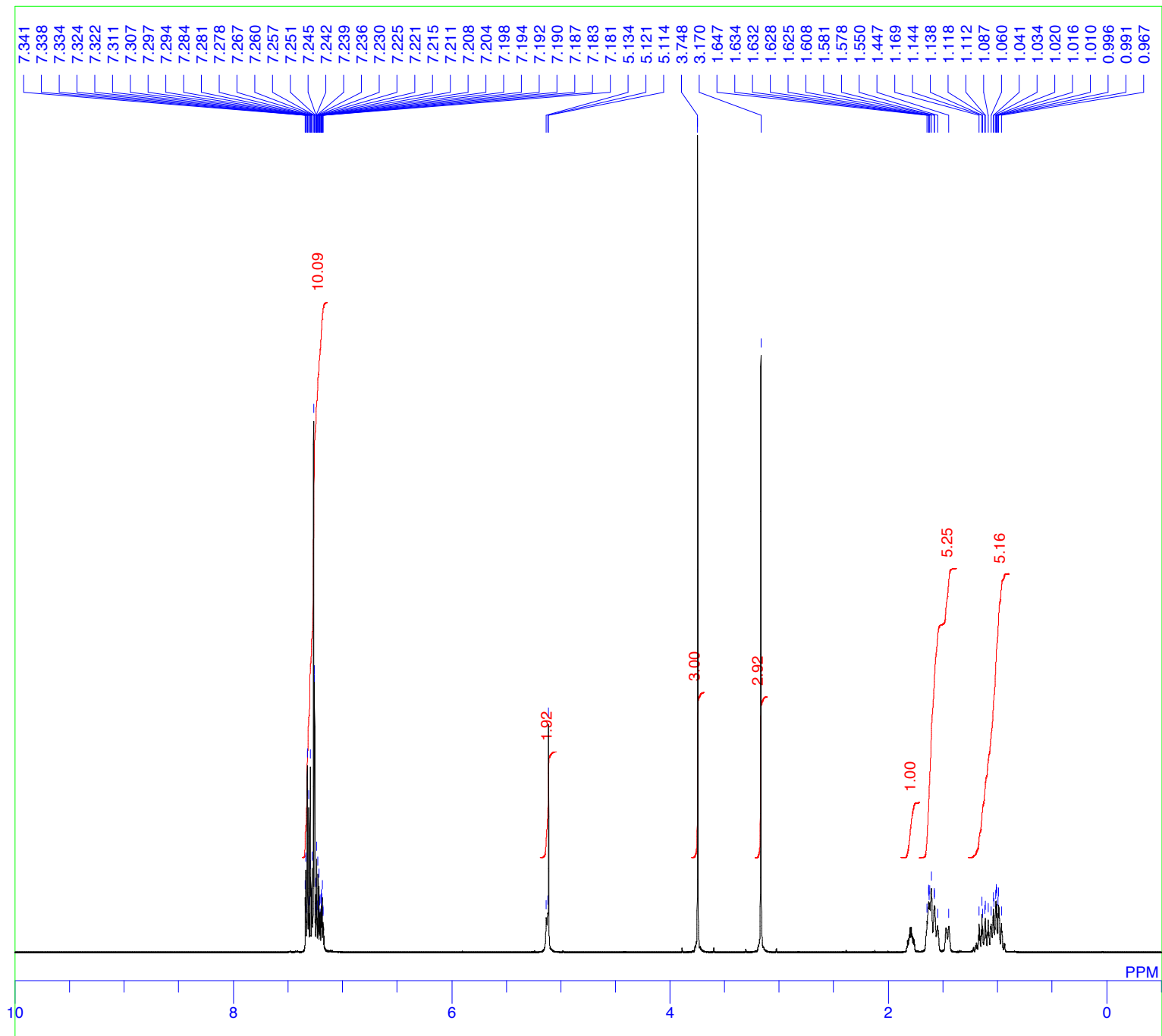
DFILE 6f-1H.als
COMNT
DATIM Fri Nov 19 18:04:33 2010
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 32768
FREQU 10000.00 Hz
SCANS 8
ACQTM 3.2768 sec
PD 3.7232 sec
PW1 6.20 usec
IRNUC 1H
CTEMP 24.8 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 15



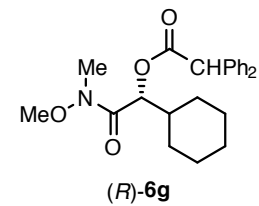


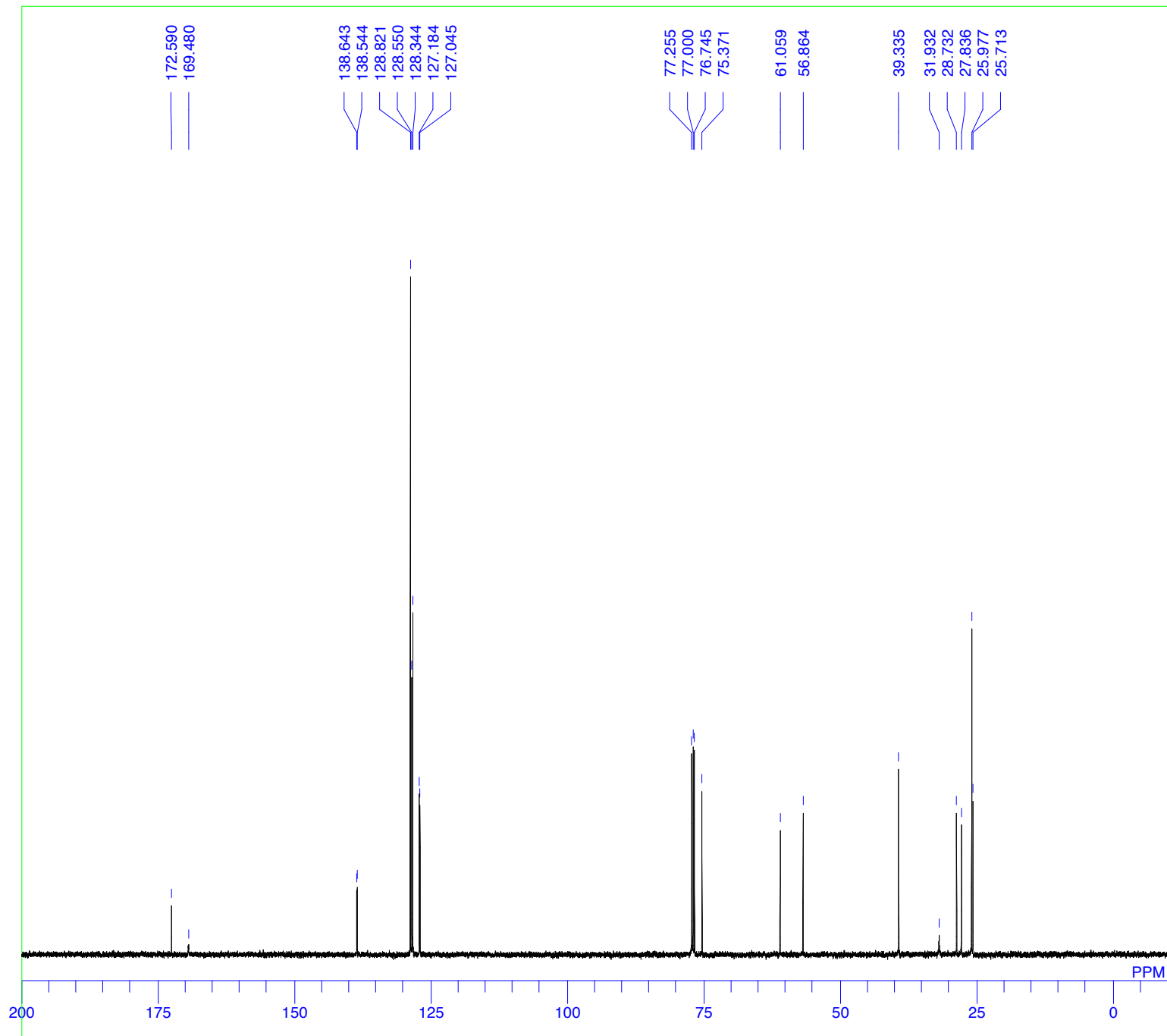
DFILE 6f-13C.als
COMNT
DATIM Fri Nov 19 18:24:53 2010
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 400
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC 1H
CTEMP 25.3 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30



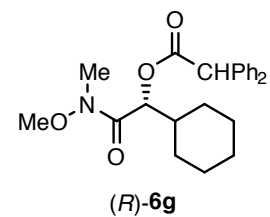


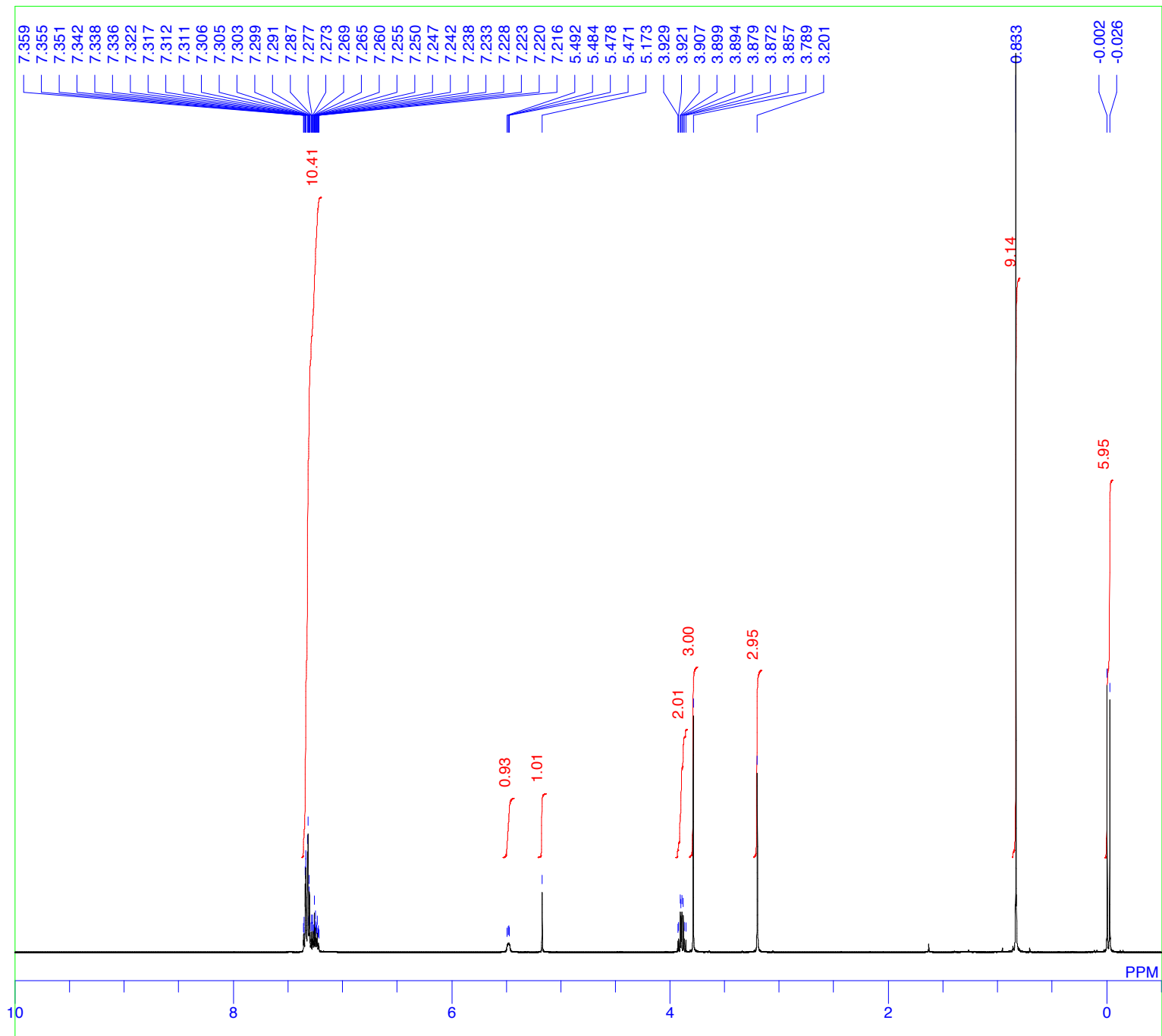
DFILE 6g-1H.als
 COMNT
 DATIM Tue Nov 30 14:05:01 2010
 OBNUC 1H
 EXMOD non
 OBFRQ 500.00 MHz
 OBSET 0.00 KHz
 OBFIN 162160.00 Hz
 POINT 32768
 FREQU 10000.00 Hz
 SCANS 8
 ACQTM 3.2768 sec
 PD 3.7232 sec
 PW1 6.20 usec
 IRNUC 1H
 CTEMP 23.0 c
 SLVNT CDCL3
 EXREF 7.26 ppm
 BF 0.12 Hz
 RGAIN 14



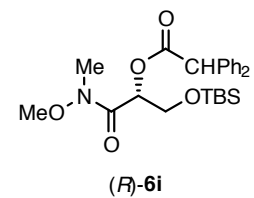


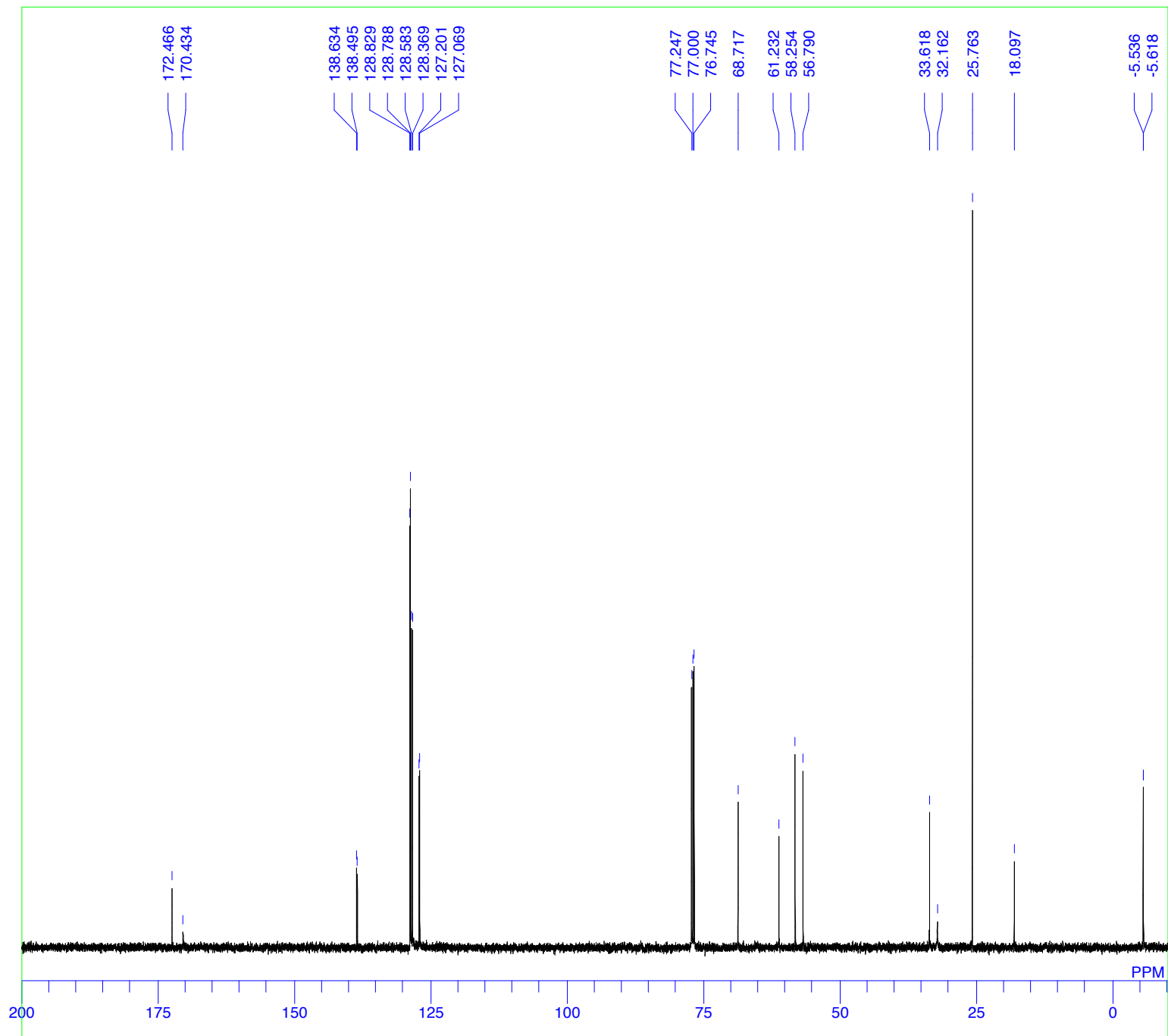
DFILE 6g-13C.als
 COMNT
 DATIM Tue Nov 30 14:30:58 2010
 OBNUC 13C
 EXMOD bcm
 OBFRQ 125.65 MHz
 OBSET 0.00 KHz
 OBFIN 127958.00 Hz
 POINT 32768
 FREQU 33898.30 Hz
 SCANS 512
 ACQTM 0.9667 sec
 PD 2.0333 sec
 PW1 4.90 usec
 IRNUC 1H
 CTEMP 25.1 c
 SLVNT CDCL3
 EXREF 77.00 ppm
 BF 1.20 Hz
 RGAIN 30



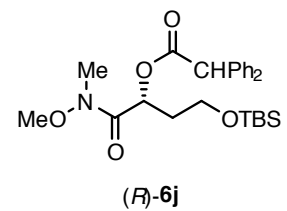


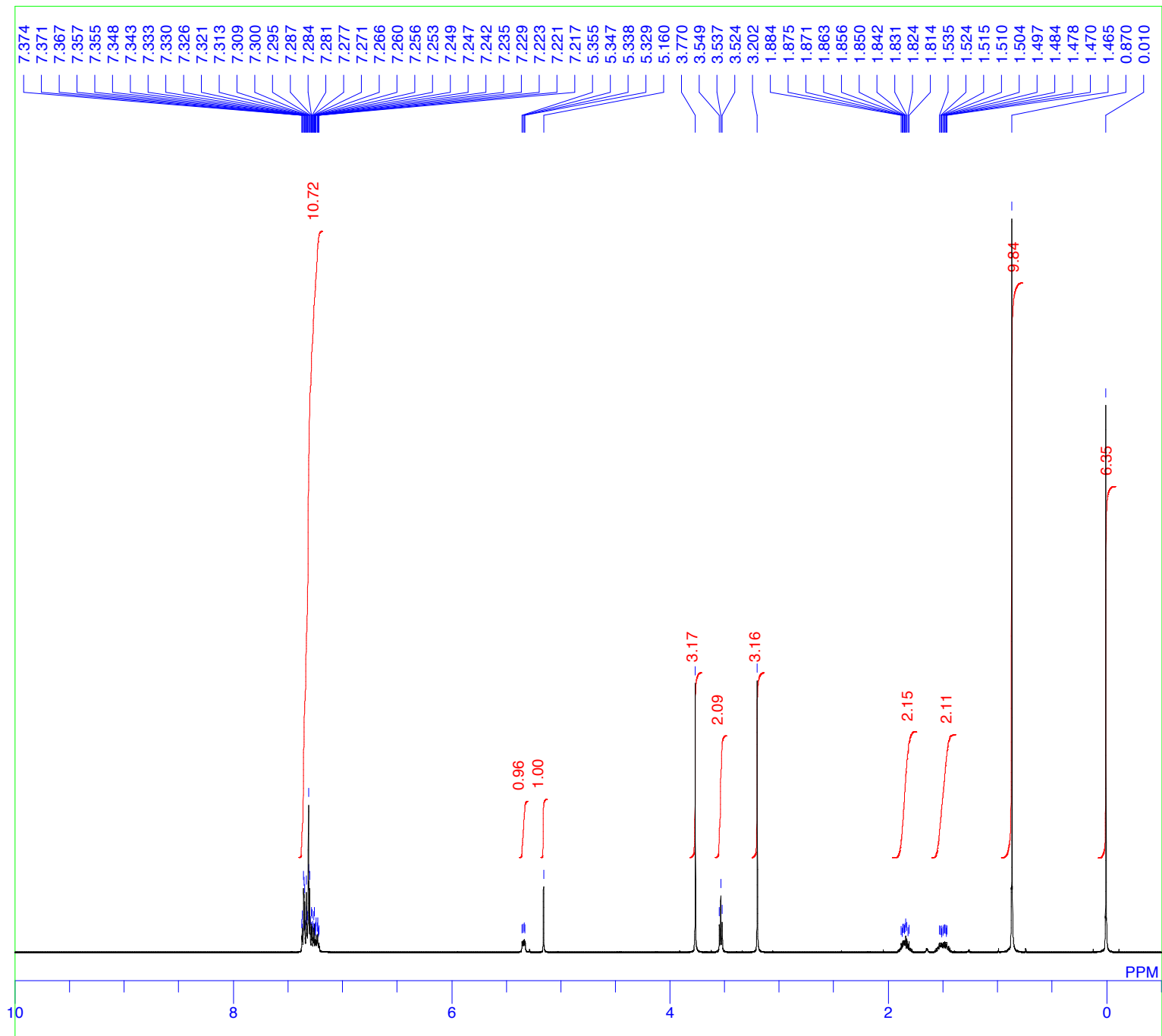
DFILE 6i-1H.als
 COMNT
 DATIM Tue Nov 30 14:35:53 2010
 OBNUC 1H
 EXMOD non
 OBFRQ 500.00 MHz
 OBSET 0.00 KHz
 OBFIN 162160.00 Hz
 POINT 32768
 FREQU 10000.00 Hz
 SCANS 8
 ACQTM 3.2768 sec
 PD 3.7232 sec
 PW1 6.20 usec
 IRNUC 1H
 CTEMP 24.7 c
 SLVNT CDCL3
 EXREF 7.26 ppm
 BF 0.12 Hz
 RGAIN 15





DFILE 6j-13C.als
COMNT
DATIM Tue Nov 30 16:30:27 2010
OBNUC 13C
EXMOD bcm
OBFRQ 125.65 MHz
OBSET 0.00 KHz
OBFIN 127958.00 Hz
POINT 32768
FREQU 33898.30 Hz
SCANS 400
ACQTM 0.9667 sec
PD 2.0333 sec
PW1 4.90 usec
IRNUC 1H
CTEMP 25.3 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 1.20 Hz
RGAIN 30





DFILE 6k-1H.als
COMNT
DATIM Tue Nov 30 16:37:11 2010
OBNUC 1H
EXMOD non
OBFRQ 500.00 MHz
OBSET 0.00 KHz
OBFIN 162160.00 Hz
POINT 32768
FREQU 10000.00 Hz
SCANS 8
ACQTM 3.2768 sec
PD 3.7232 sec
PW1 6.20 usec
IRNUC 1H
CTEMP 24.5 c
SLVNT CDCL3
EXREF 7.26 ppm
BF 0.12 Hz
RGAIN 15

