

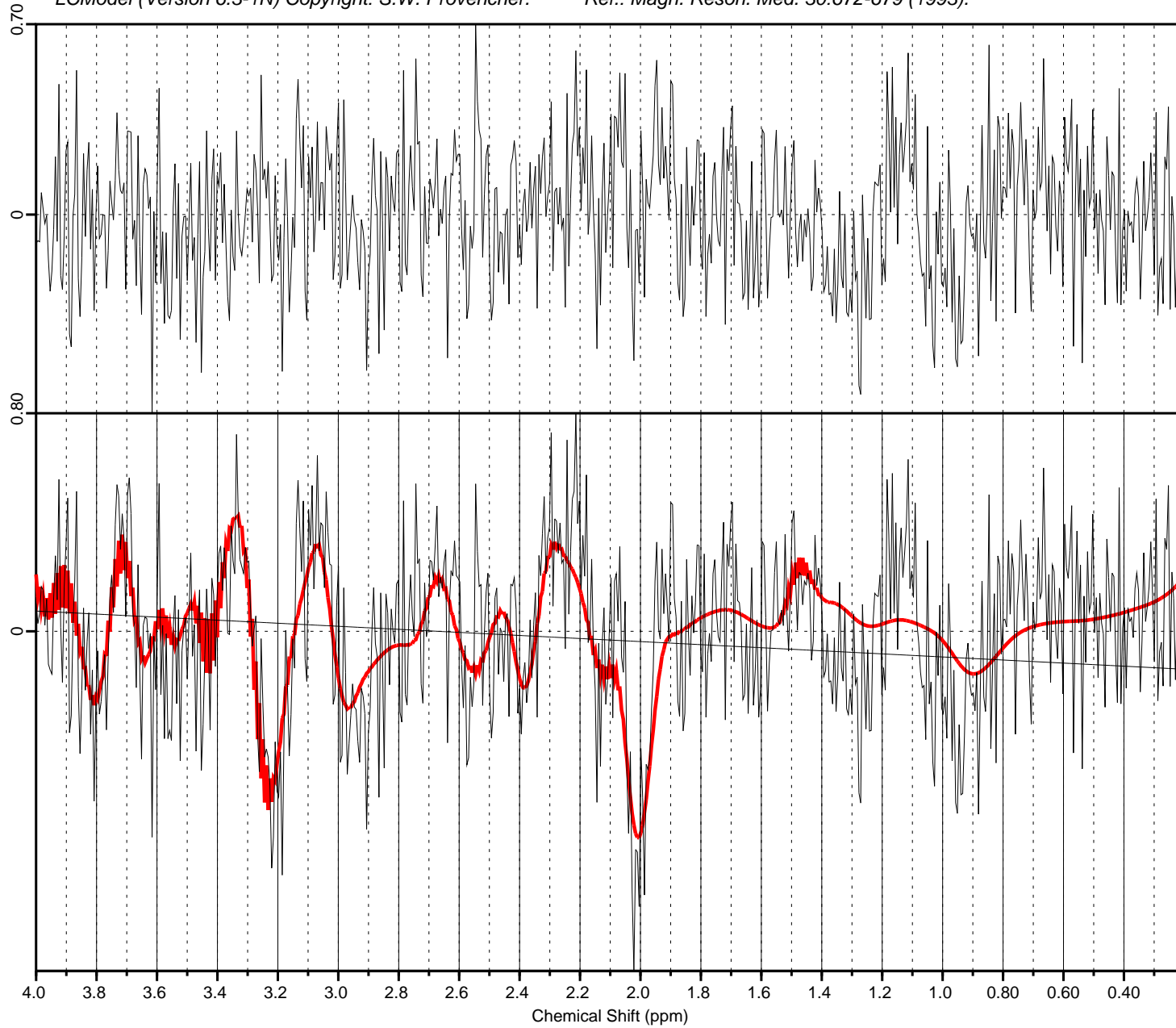
Slice_N1@25_22 02-Jun-2023 14:38:06

Center for Biomedical Imaging, Lausanne

LCModel (Version 6.3-1N) Copyright: S.W. Provencher.

Ref.: Magn. Reson. Med. 30:672-679 (1993).

Fri Jun 02 14:38:06 2023



Conc.	%SD	/Cr+PCr	Metabolite
1.86E-06	26%	2.4E-04	Mac
6.19E-02	20%	8.000	Cr
0.000	999%	0.000	PCr
0.123	15%	15.923	Ins
0.119	11%	15.379	NAA
0.126	15%	16.283	Tau
1.02E-02	43%	1.319	PCho
0.000	999%	0.000	GPC
0.116	16%	15.031	Glu
1.22E-02	94%	1.572	Gln
4.09E-02	36%	5.280	Ala
8.35E-02	31%	10.790	Asc
9.15E-03	77%	1.182	Asp
7.70E-03	53%	0.995	GABA
7.18E-03	60%	0.927	Glc
5.07E-03	98%	0.655	GSH
0.000	999%	0.000	Lac
0.000	999%	0.000	NAAG
0.000	999%	0.000	PE
1.02E-02	43%	1.319	GPC+PCho
0.119	11%	15.379	NAA+NAAG
0.128	17%	16.603	Glu+Gln
6.19E-02	20%	8.000	Cr+PCr
0.119	11%	15.379	NAA+NAAG
6.19E-02	20%	8.000	Cr+PCr
0.128	17%	16.603	Glu+Gln

DIAGNOSTICS		
1 info	STARTV	24
5 info's	RFALSI	11
2 info's	RFALSI	4
Doing Water-Scaling		

MISCELLANEOUS OUTPUT		
FWHM	= 0.081 ppm	S/N = 1
Data shift = 0.151 ppm		
Ph:	57 deg	-0.3 deg/ppm

INPUT CHANGES		
hwdwat=	0.5	
wconc=	810.	
ppmst=	4.0	
ppmend=	0.2	
nunfil=	1024	
nomit=	15	
conrel=	8	
namrel=	'Cr+PCr'	

Slice_N1@25_22 02-Jun-2023 14:38:06

Center for Biomedical Imaging, Lausanne

LCModel (Version 6.3-1N) Copyright: S.W. Provencher.

Ref.: Magn. Reson. Med. 30:672-679 (1993).

Fri Jun 02 14:38:06 2023

Conc.	%SD	/Cr+PCr	Metabolite	
1.86E-06	26%	2.4E-04	Mac	
6.19E-02	20%	8.000	Cr	
0.000	999%	0.000	PCr	
0.123	15%	15.923	Ins	
0.119	11%	15.379	NAA	
0.126	15%	16.283	Tau	
1.02E-02	43%	1.319	PCho	
0.000	999%	0.000	GPC	
0.116	16%	15.031	Glu	
1.22E-02	94%	1.572	Gln	
4.09E-02	36%	5.280	Ala	
8.35E-02	31%	10.790	Asc	
9.15E-03	77%	1.182	Asp	
7.70E-03	53%	0.995	GABA	
7.18E-03	60%	0.927	Glc	
5.07E-03	98%	0.655	GSH	
0.000	999%	0.000	Lac	
0.000	999%	0.000	NAAG	
0.000	999%	0.000	PE	
1.02E-02	43%	1.319	GPC+PCho	
0.119	11%	15.379	NAA+NAAG	
0.128	17%	16.603	Glu+Gln	
6.19E-02	20%	8.000	Cr+PCr	
0.119	11%	15.379	NAA+NAAG	
6.19E-02	20%	8.000	Cr+PCr	
0.128	17%	16.603	Glu+Gln	
DIAGNOSTICS				
1	info	STARTV	24	
5	info's	RFALSI	11	
2	info's	RFALSI	4	
Doing Water-Scaling				
MISCELLANEOUS OUTPUT				
FWHM = 0.081 ppm S/N = 1				
Data shift = 0.151 ppm				
Ph: 57 deg -0.3 deg/ppm				
INPUT CHANGES				
hwdwat= 0.5				
wconc= 810.				
ppmst= 4.0				
ppmend= 0.2				
nunfil= 1024				
nomit= 15				

```

conrel=8
namrel='Cr+PCr'
neach= 999
hzpppm= 599.419
filraw= 'Z:\Brayan\Data Processing\31052022_NewB
asis_lavgT1\Slice_N1\Data\Slice_N1@25_22.RAW'
filps= 'Z:\Brayan\Data Processing\31052022_NewBa
sis_lavgT1\Slice_N1\Data\Slice_N1@25_22.ps'
filh2o= 'Z:\Brayan\Data Processing\31052022_NewB
asis_lavgT1\Slice_N1\Data\Slice_N1@25_22w.RAW'
filbas= 'Y:TE=1300microsec_Basis_16052023\14T_S
IM_MRSI_Dunja_Brayan_TE=1300microsec_test.BASI
S'
filcoo= 'Z:\Brayan\Data Processing\31052022_NewB
asis_lavgT1\Slice_N1\Data\Slice_N1@25_22.coord
'
filtab= 'Z:\Brayan\Data Processing\31052022_NewB
asis_lavgT1\Slice_N1\Data\tables\Slice_N1@25_2
2.table'
ltable= 7
lcoord=9
dows= T
dkntmn= 0.25
deltat= 1.40e-04
chomit= '-CrCH2' 'Gua' 'Ser' 'Lip13a' 'Lip13b' '
Lip09' 'MM09' 'Lip20' 'MM20' 'MM12' 'MM14' 'MM
17' 'Ace' 'Cit' 'bHB'
chcomb= 'GPC+PCho' 'NAA+NAAG' 'Glu+Gln' 'Cr+PCr'
atth2o= 1.0
savdir= 'Z:\Brayan\Matlab Codes\LCModel\lcmodelm
odelfiles\saved'

```

Slice_N1@25_22 02-Jun-2023 14:38:06

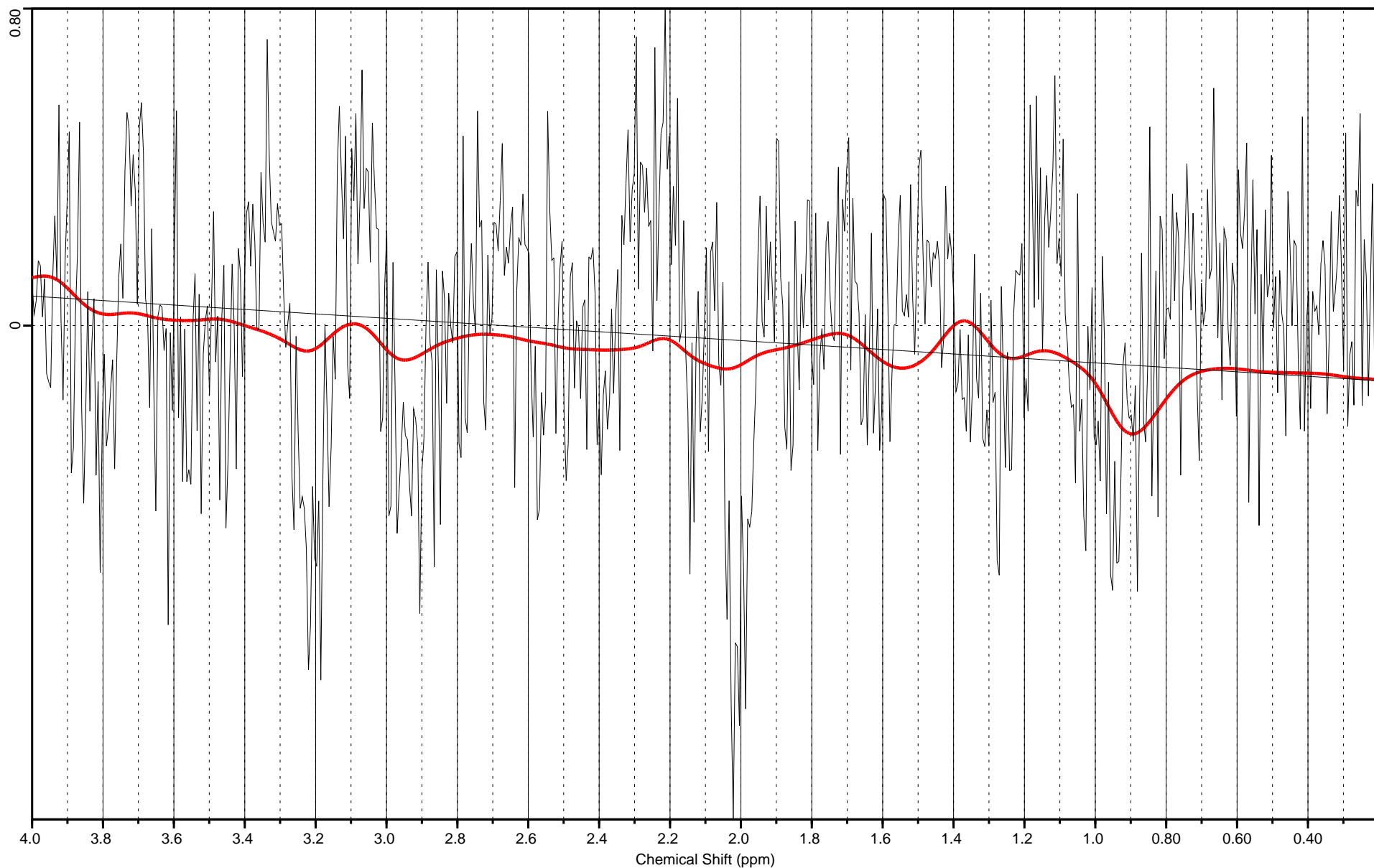
Mac Conc. = 1.86E-06

Center for Biomedical Imaging, Lausanne

LCModel (Version 6.3-1N) Copyright: S.W. Provencher.

Ref.: Magn. Reson. Med. 30:672-679 (1993).

Fri Jun 02 14:38:06 2023



Slice_N1@25_22 02-Jun-2023 14:38:06

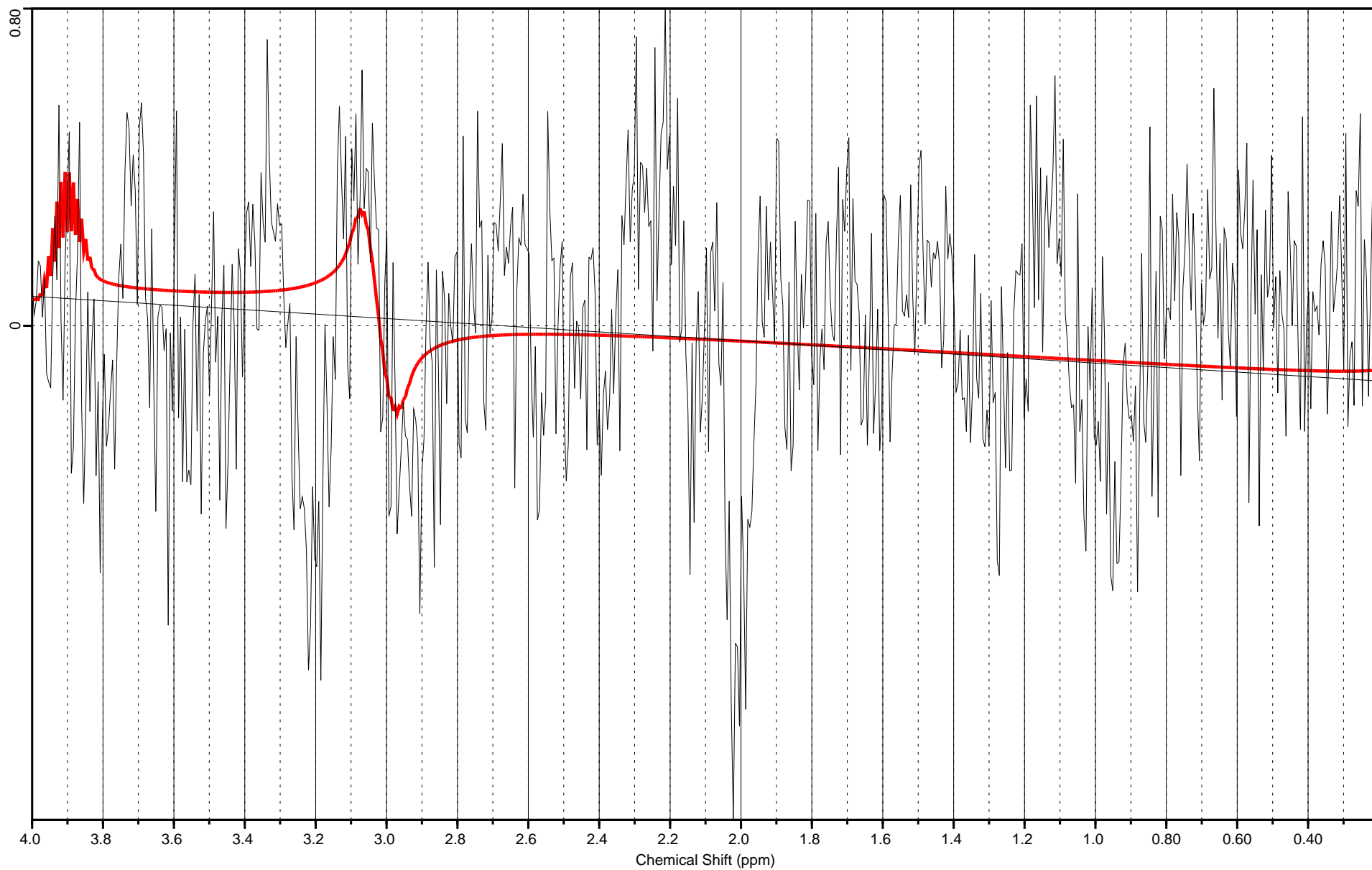
Cr Conc. = 6.19E-02

Center for Biomedical Imaging, Lausanne

LCModel (Version 6.3-1N) Copyright: S.W. Provencher.

Ref.: Magn. Reson. Med. 30:672-679 (1993).

Fri Jun 02 14:38:06 2023



Slice_N1@25_22 02-Jun-2023 14:38:06

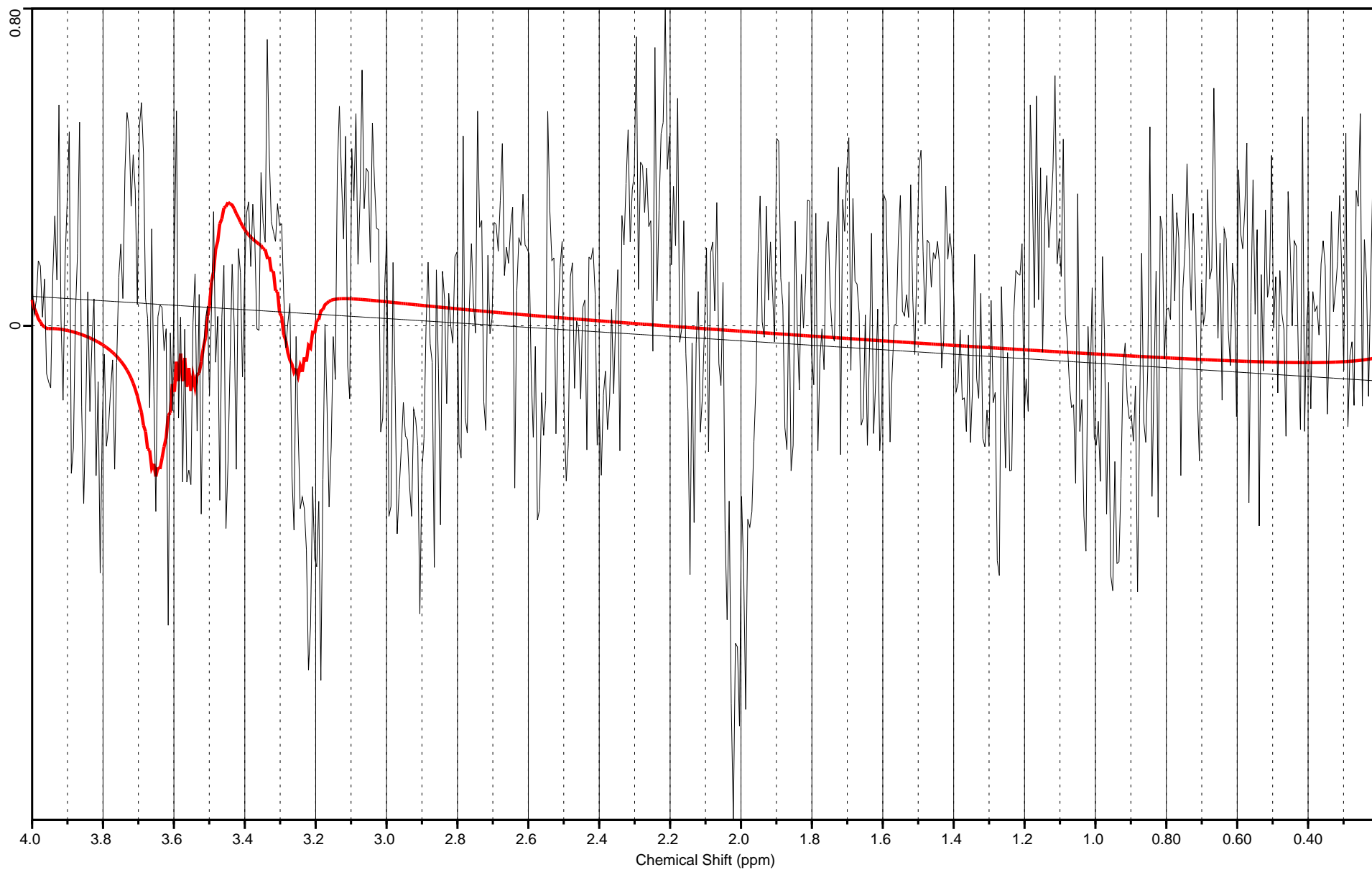
Ins Conc. = 1.23E-01

Center for Biomedical Imaging, Lausanne

LCModel (Version 6.3-1N) Copyright: S.W. Provencher.

Ref.: Magn. Reson. Med. 30:672-679 (1993).

Fri Jun 02 14:38:06 2023



Slice_N1@25_22 02-Jun-2023 14:38:06

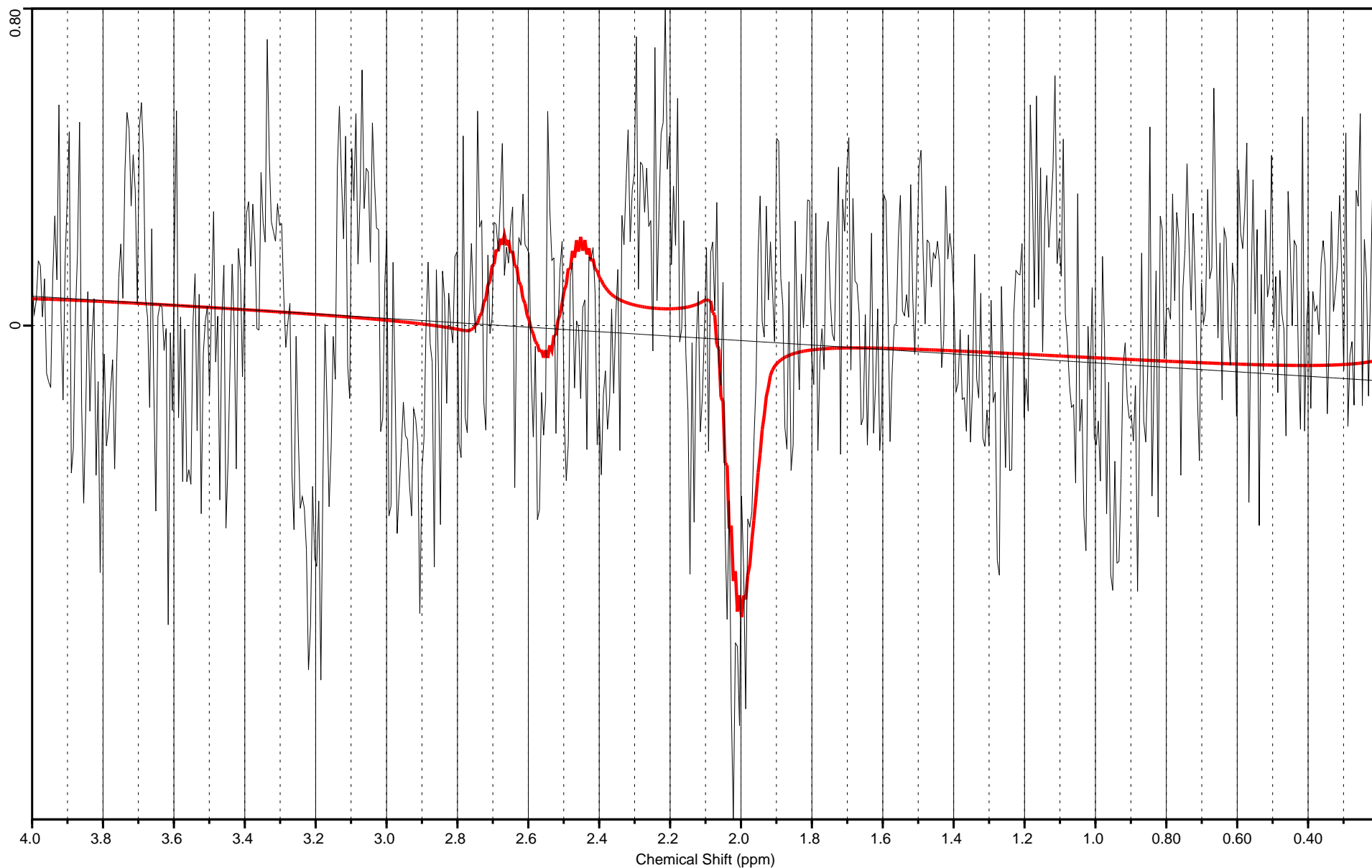
NAA Conc. = 1.19E-01

Center for Biomedical Imaging, Lausanne

LCModel (Version 6.3-1N) Copyright: S.W. Provencher.

Ref.: Magn. Reson. Med. 30:672-679 (1993).

Fri Jun 02 14:38:06 2023



Slice_N1@25_22 02-Jun-2023 14:38:06

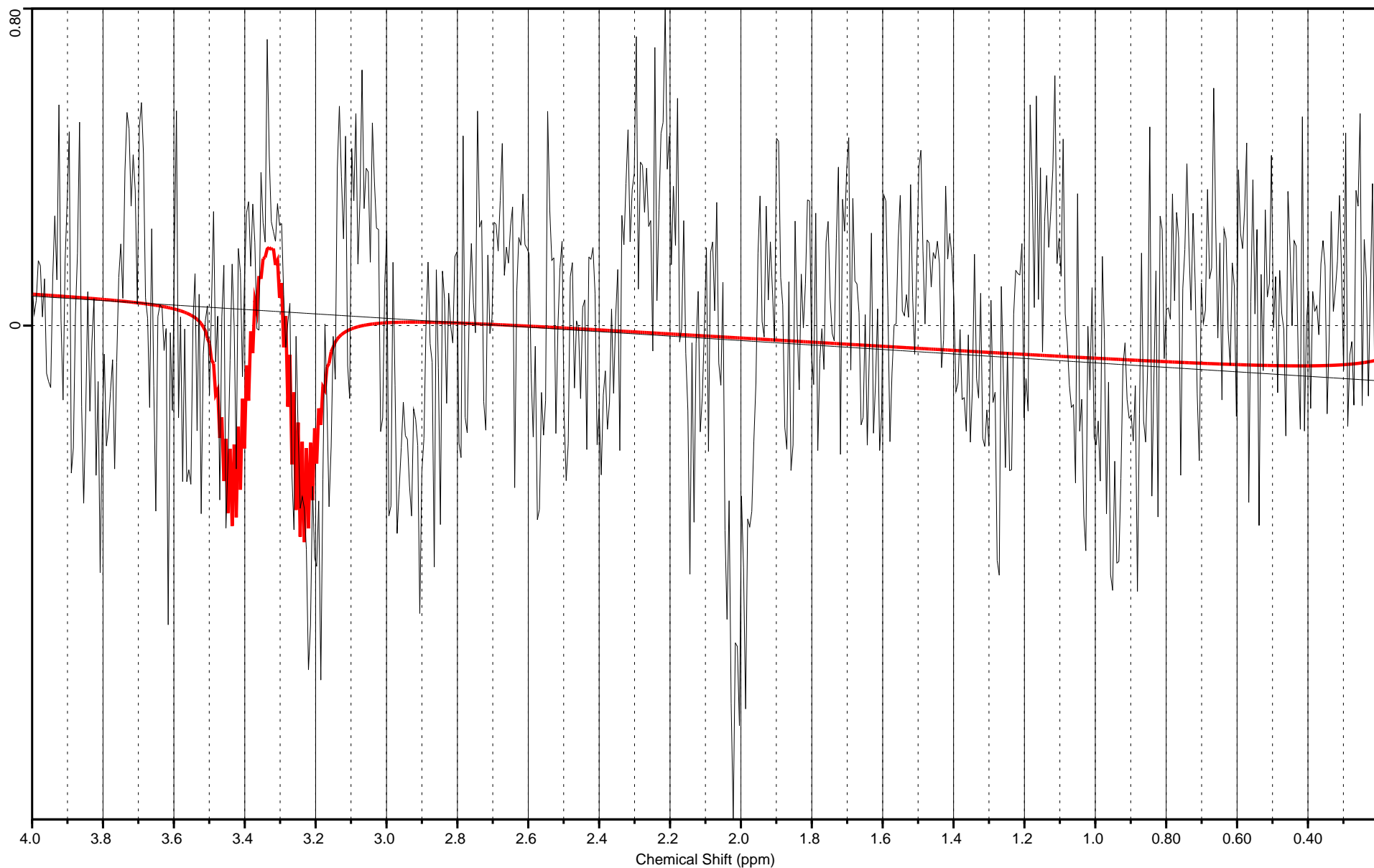
Tau Conc. = 1.26E-01

Center for Biomedical Imaging, Lausanne

LCModel (Version 6.3-1N) Copyright: S.W. Provencher.

Ref.: Magn. Reson. Med. 30:672-679 (1993).

Fri Jun 02 14:38:06 2023



Slice_N1@25_22 02-Jun-2023 14:38:06

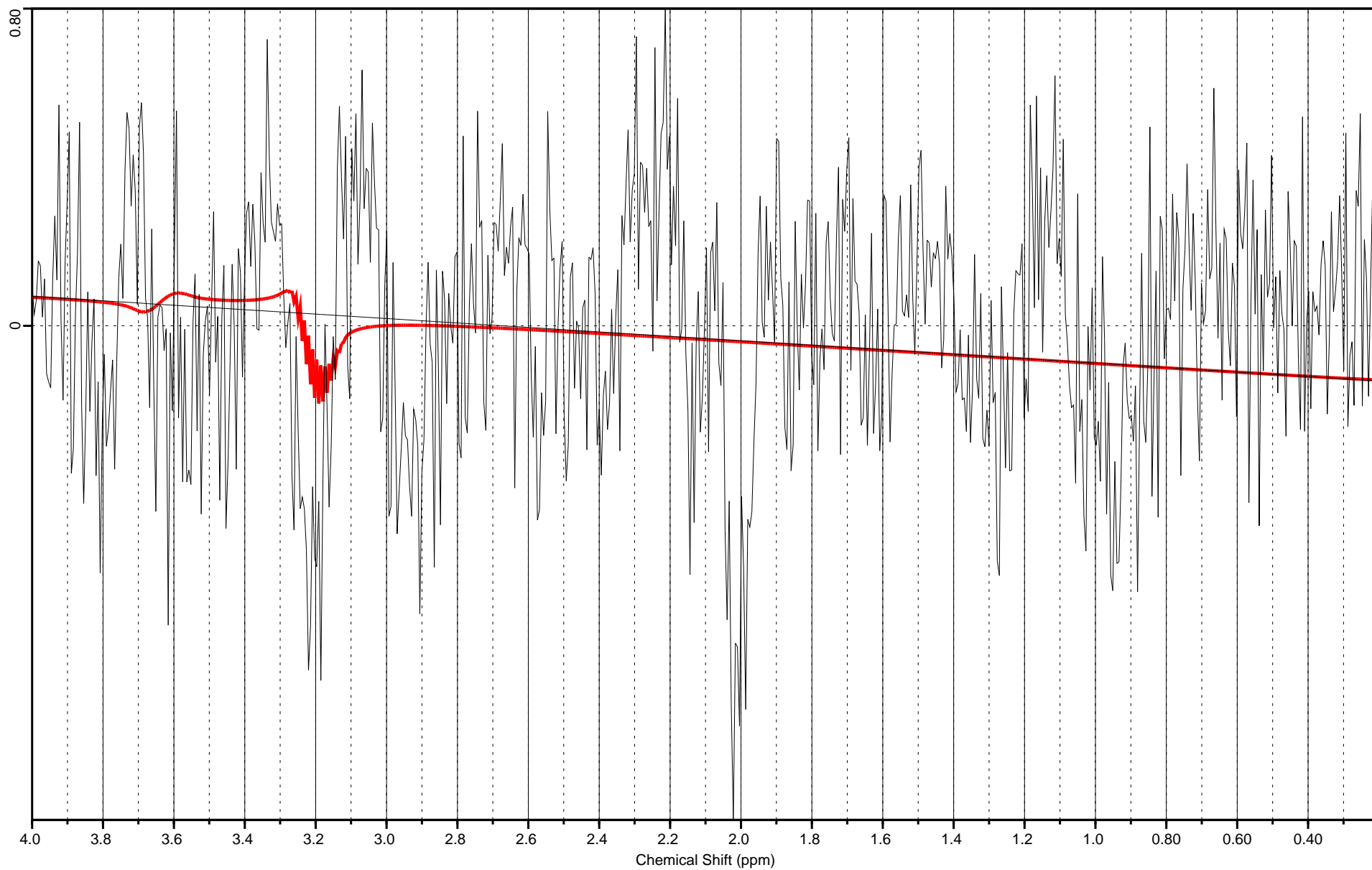
PCho Conc. = 1.02E-02

Center for Biomedical Imaging, Lausanne

LCModel (Version 6.3-1N) Copyright: S.W. Provencher.

Ref.: Magn. Reson. Med. 30:672-679 (1993).

Fri Jun 02 14:38:06 2023



Slice_N1@25_22 02-Jun-2023 14:38:06

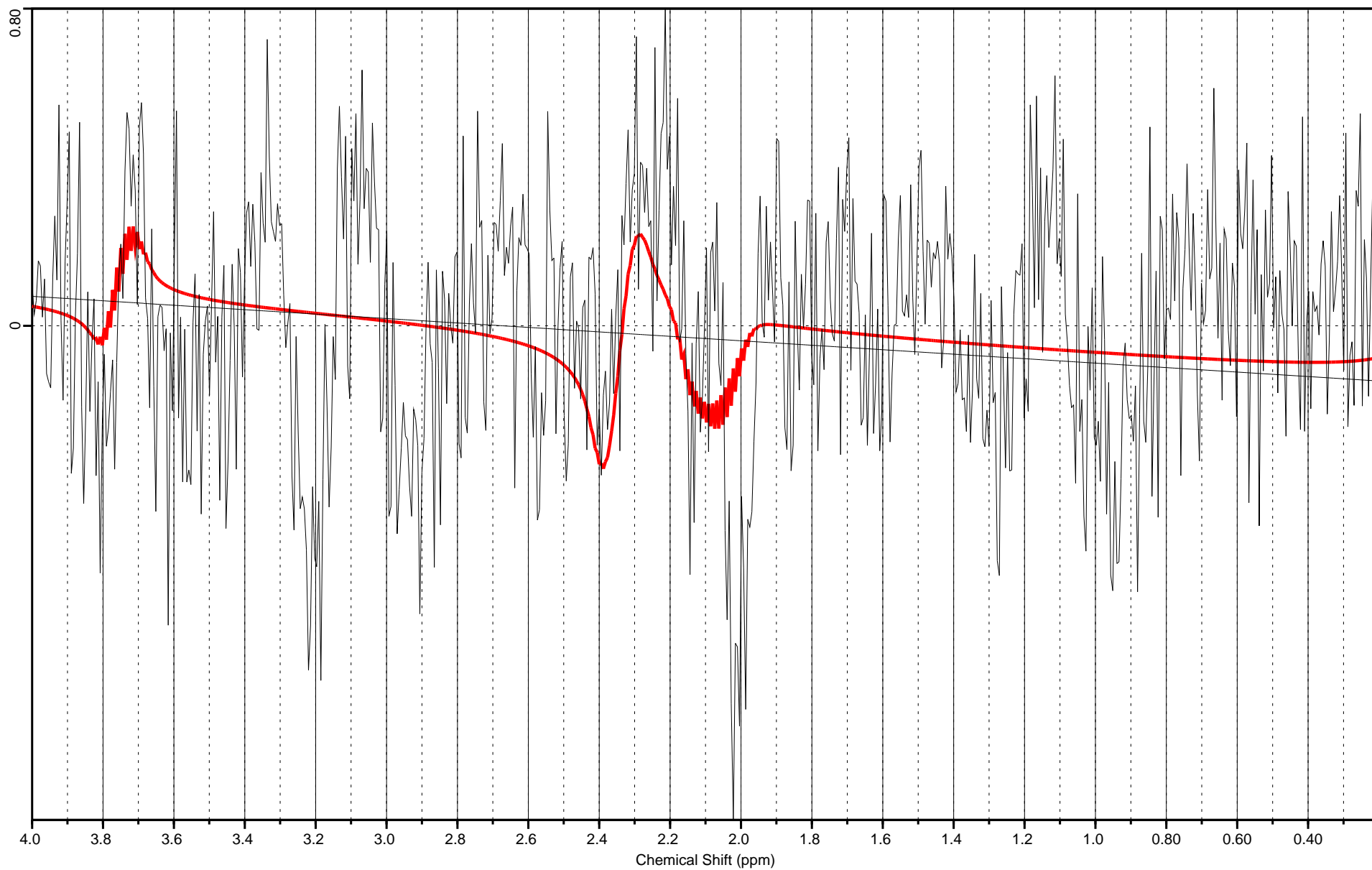
Glu Conc. = 1.16E-01

Center for Biomedical Imaging, Lausanne

LCModel (Version 6.3-1N) Copyright: S.W. Provencher.

Ref.: Magn. Reson. Med. 30:672-679 (1993).

Fri Jun 02 14:38:06 2023



Slice_N1@25_22 02-Jun-2023 14:38:06

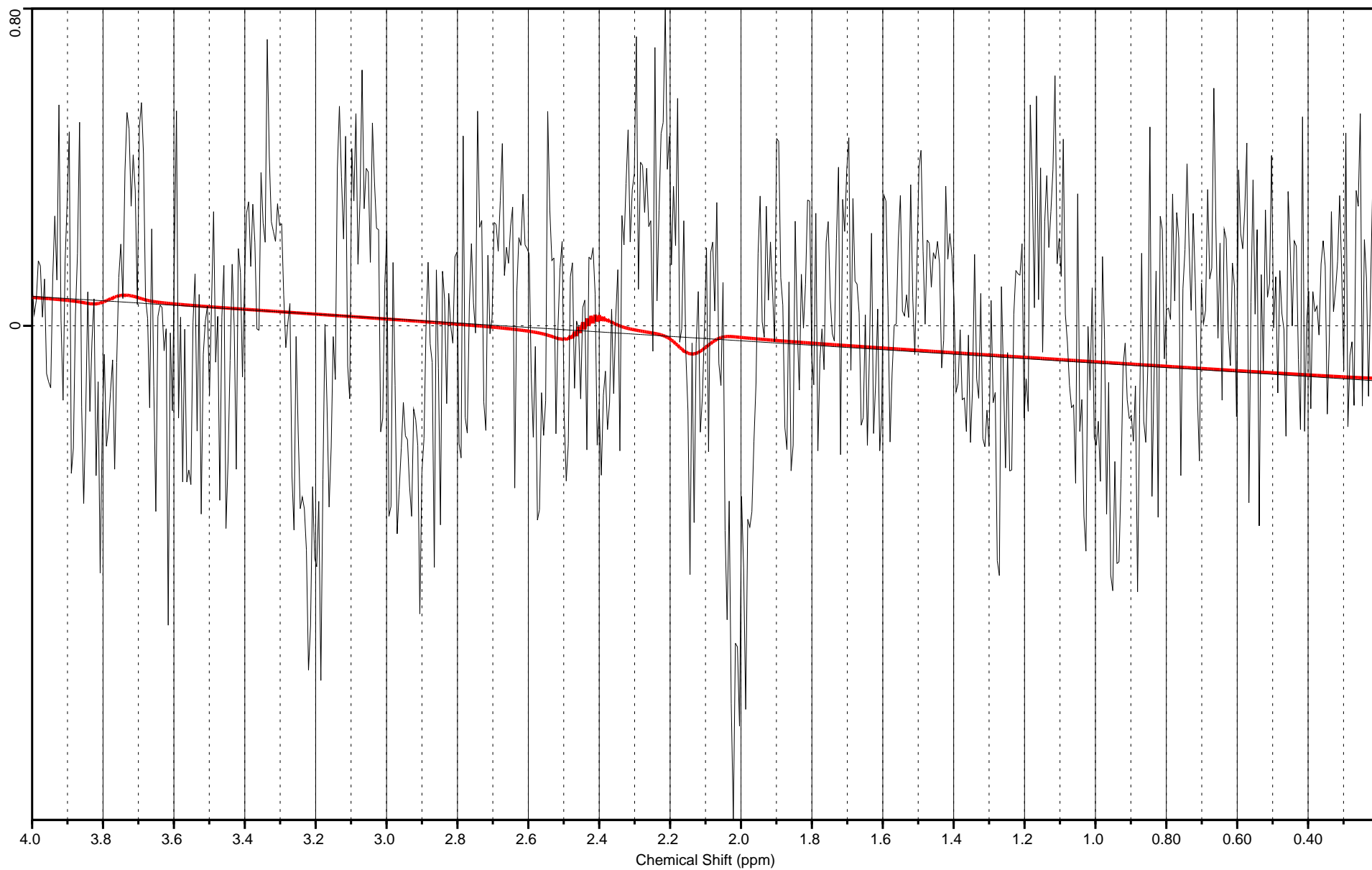
Gln Conc. = 1.22E-02

Center for Biomedical Imaging, Lausanne

LCModel (Version 6.3-1N) Copyright: S.W. Provencher.

Ref.: Magn. Reson. Med. 30:672-679 (1993).

Fri Jun 02 14:38:06 2023



Slice_N1@25_22 02-Jun-2023 14:38:06

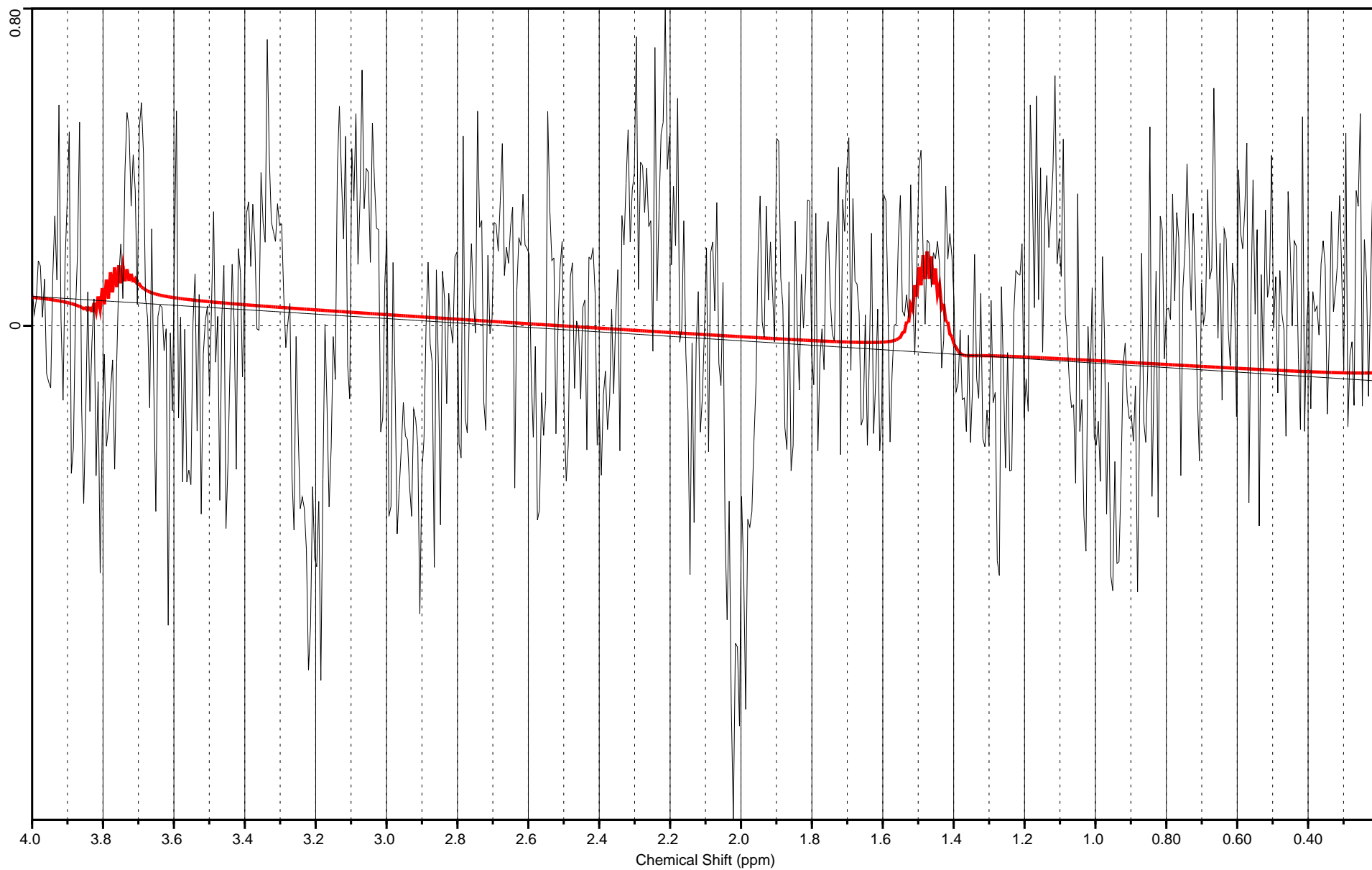
Ala Conc. = 4.09E-02

Center for Biomedical Imaging, Lausanne

LCModel (Version 6.3-1N) Copyright: S.W. Provencher.

Ref.: Magn. Reson. Med. 30:672-679 (1993).

Fri Jun 02 14:38:06 2023



Slice_N1@25_22 02-Jun-2023 14:38:06

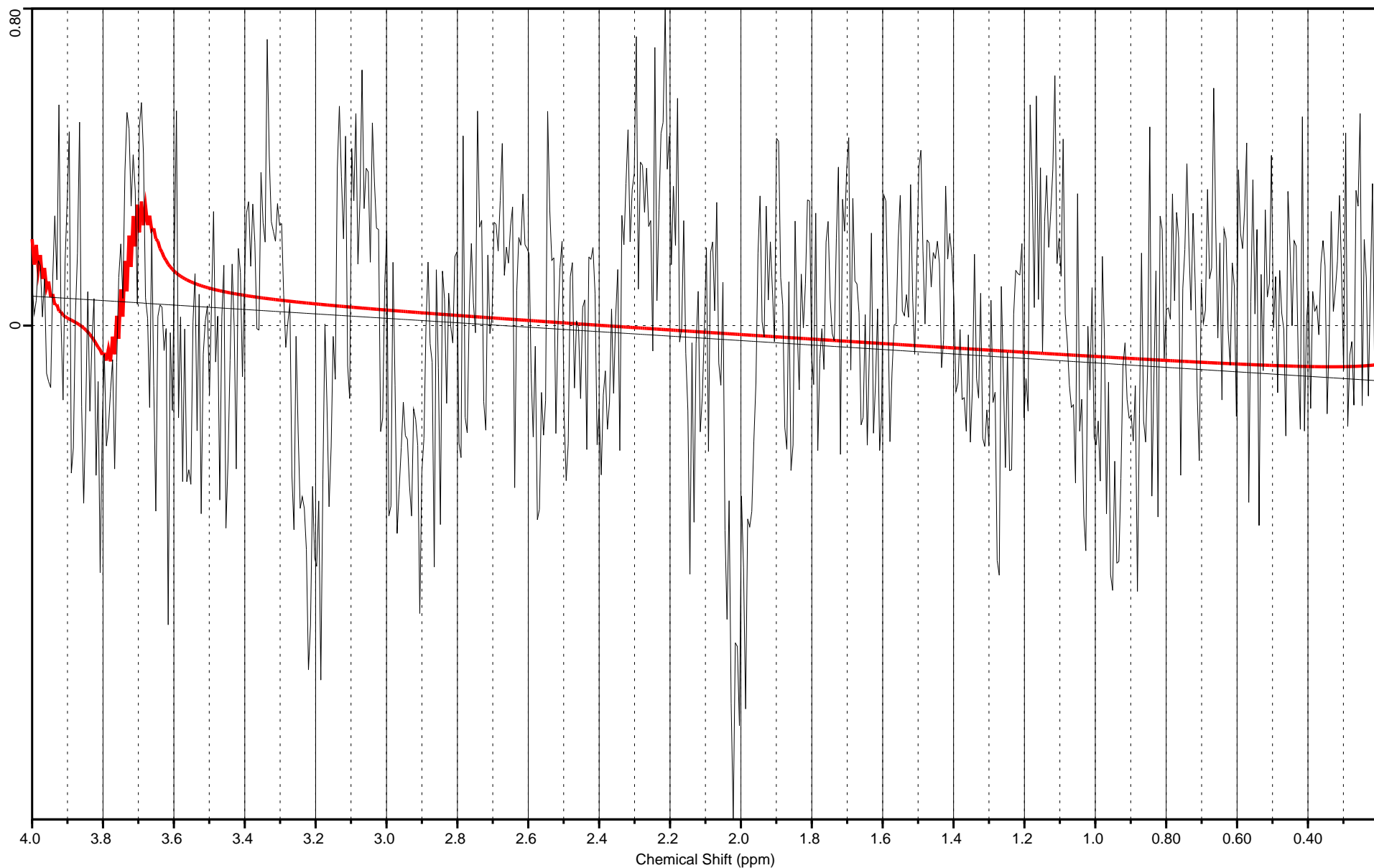
Asc Conc. = 8.35E-02

Center for Biomedical Imaging, Lausanne

LCModel (Version 6.3-1N) Copyright: S.W. Provencher.

Ref.: Magn. Reson. Med. 30:672-679 (1993).

Fri Jun 02 14:38:06 2023



Slice_N1@25_22 02-Jun-2023 14:38:06

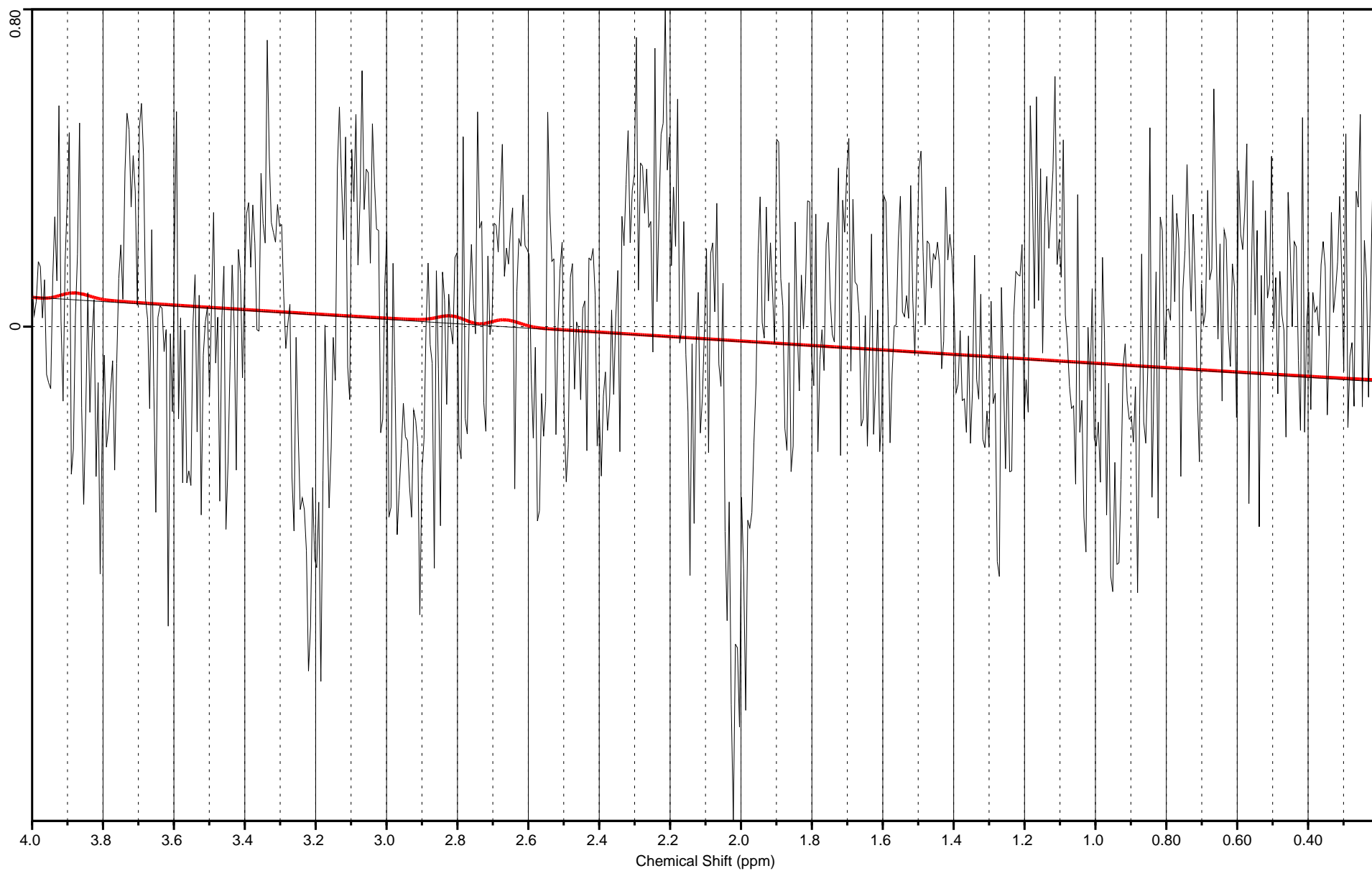
Asp Conc. = 9.15E-03

Center for Biomedical Imaging, Lausanne

LCModel (Version 6.3-1N) Copyright: S.W. Provencher.

Ref.: Magn. Reson. Med. 30:672-679 (1993).

Fri Jun 02 14:38:06 2023



Slice_N1@25_22 02-Jun-2023 14:38:06

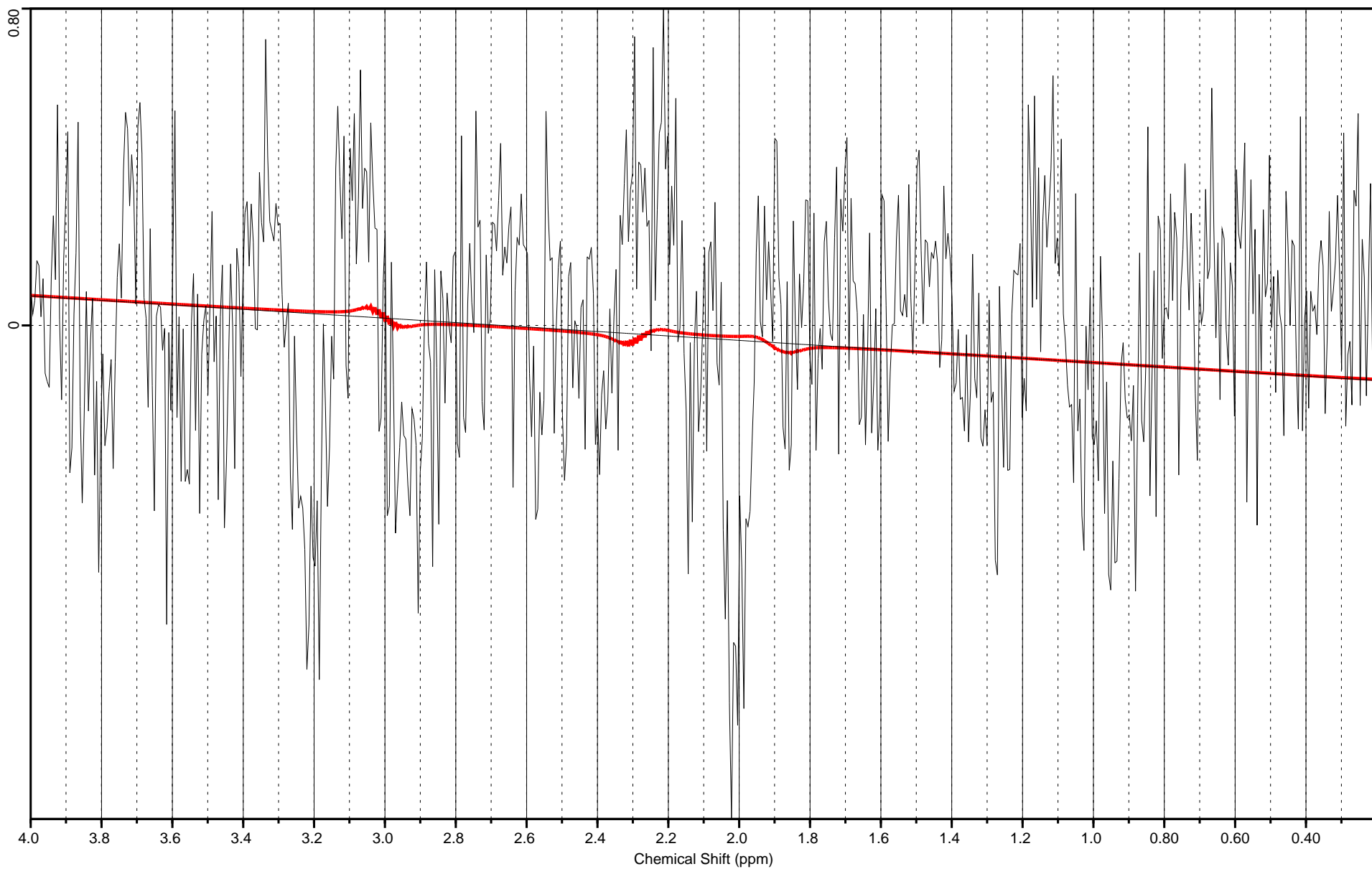
GABA Conc. = 7.70E-03

Center for Biomedical Imaging, Lausanne

LCModel (Version 6.3-1N) Copyright: S.W. Provencher.

Ref.: Magn. Reson. Med. 30:672-679 (1993).

Fri Jun 02 14:38:06 2023



Slice_N1@25_22 02-Jun-2023 14:38:06

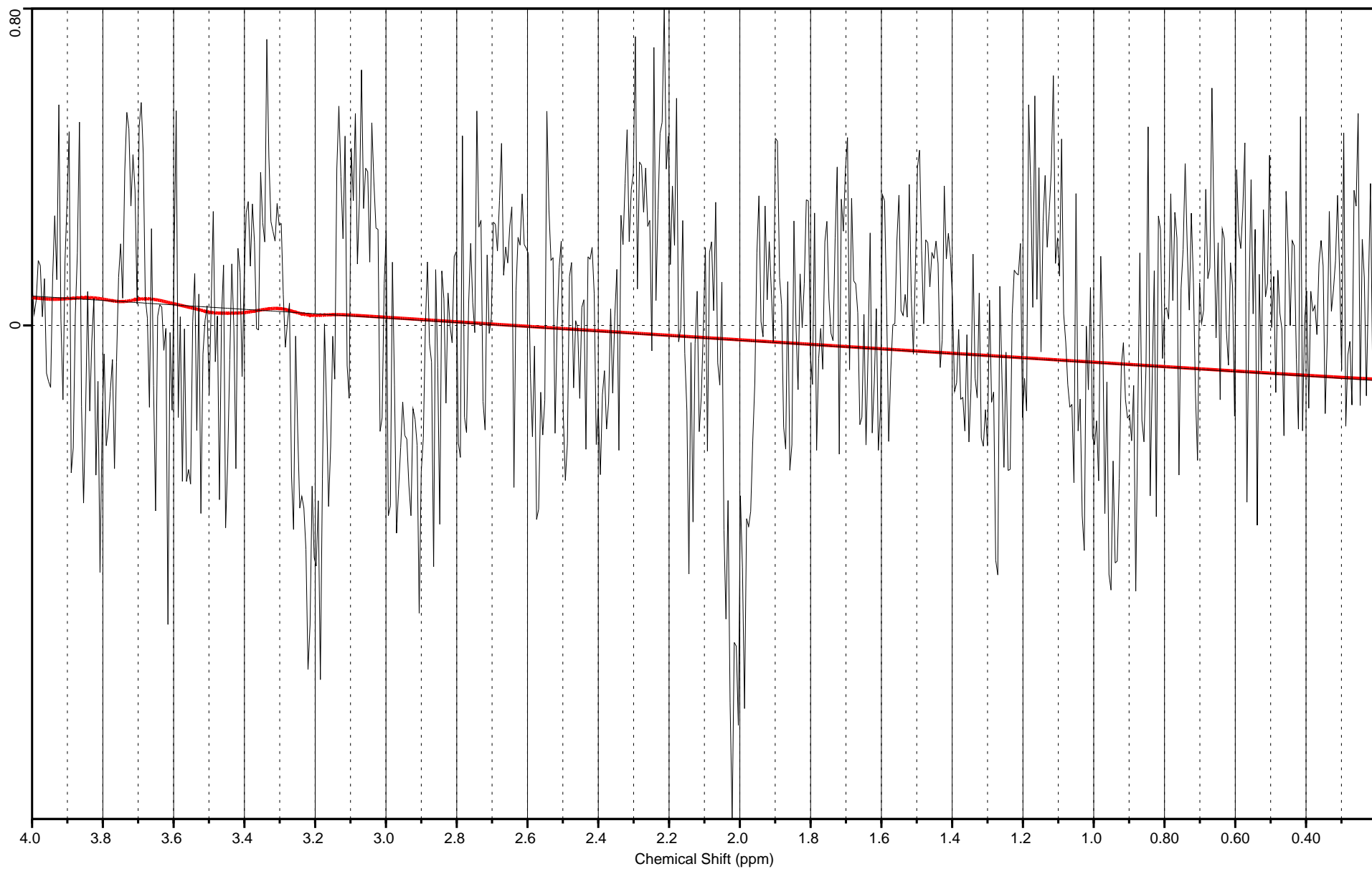
Glc Conc. = 7.18E-03

Center for Biomedical Imaging, Lausanne

LCModel (Version 6.3-1N) Copyright: S.W. Provencher.

Ref.: Magn. Reson. Med. 30:672-679 (1993).

Fri Jun 02 14:38:06 2023



Slice_N1@25_22 02-Jun-2023 14:38:06

GSH Conc. = 5.07E-03

Center for Biomedical Imaging, Lausanne

LCModel (Version 6.3-1N) Copyright: S.W. Provencher.

Ref.: Magn. Reson. Med. 30:672-679 (1993).

Fri Jun 02 14:38:06 2023

