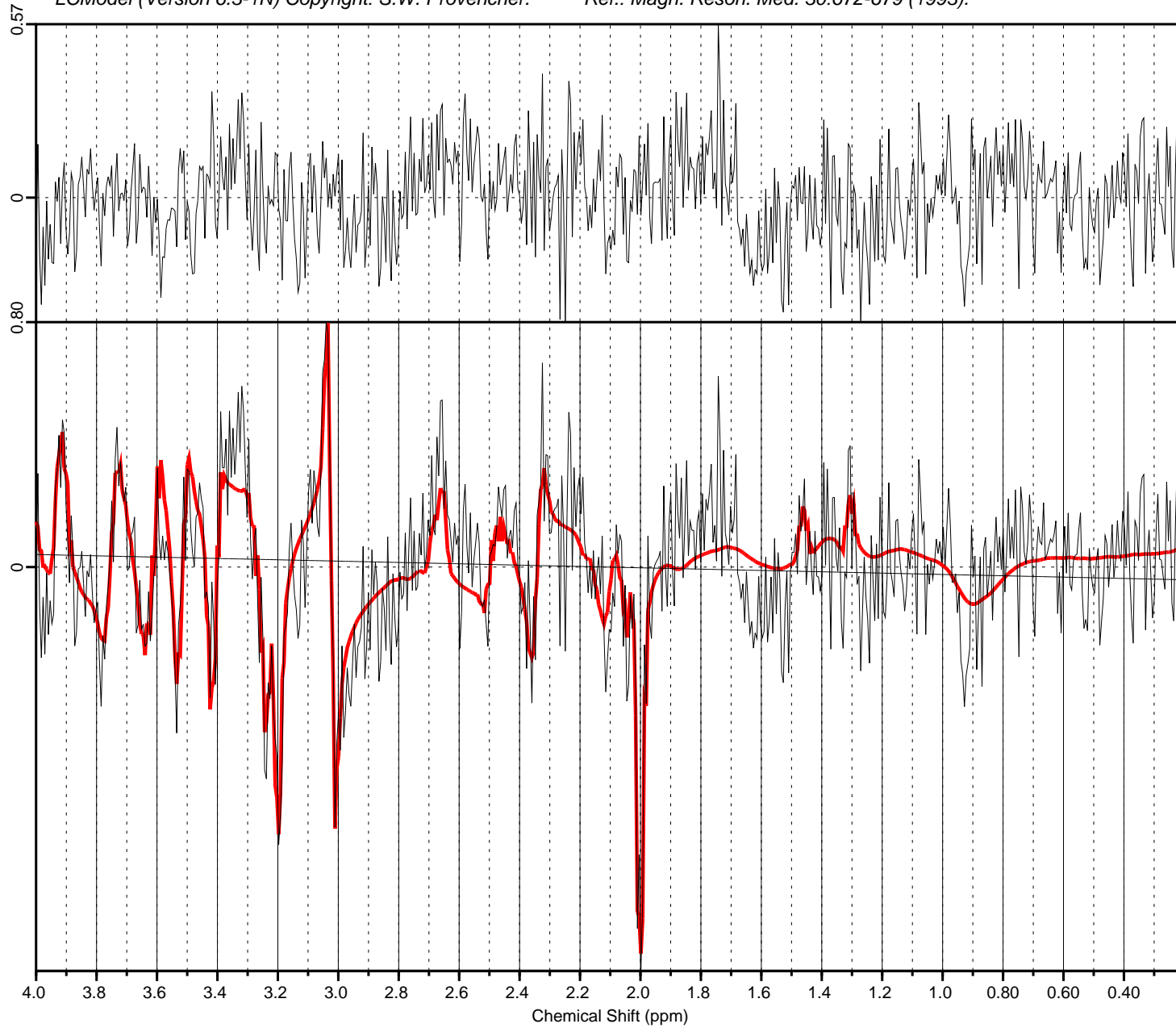# Slice_N1@22_14 02-Jun-2023 14:37:25

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Conc.	%SD	/Cr+PCr	Metabolite
1.41E-06	20%	2.0E-04	Mac
2.26E-02	30%	3.167	Cr
3.44E-02	19%	4.833	PCr
6.11E-02	11%	8.571	Ins
6.72E-02	8%	9.421	NAA
6.34E-02	10%	8.900	Tau
1.50E-02	11%	2.108	PCho
0.000	999%	0.000	GPC
5.54E-02	13%	7.774	Glu
7.34E-03	65%	1.029	Gln
1.03E-02	49%	1.446	Ala
3.93E-02	26%	5.514	Asc
3.29E-03	177%	0.462	Asp
1.63E-03	189%	0.229	GABA
6.32E-03	60%	0.886	Glc
2.84E-03	77%	0.398	GSH
1.11E-02	49%	1.551	Lac
6.26E-03	58%	0.878	NAAG
0.000	999%	0.000	PE
1.50E-02	11%	2.108	GPC+PCho
7.34E-02	8%	10.300	NAA+NAAG
6.28E-02	13%	8.803	Glu+Gln
5.70E-02	9%	8.000	Cr+PCr
7.34E-02	8%	10.300	NAA+NAAG
5.70E-02	9%	8.000	Cr+PCr
6.28E-02	13%	8.803	Glu+Gln

DIAGNOSTICS

```
 4 info's    RFALSI 11
 2 info's    RFALSI  4
 Doing Water-Scaling
```

MISCELLANEOUS OUTPUT

```
FWHM = 0.023 ppm    S/N =   4
Data shift = 0.023 ppm
Ph:  -9 deg       -4.2 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
```

Chemical Shift (ppm)

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Conc.	%SD	/Cr+PCr	Metabolite
1.41E-06	20%	2.0E-04	Mac
2.26E-02	30%	3.167	Cr
3.44E-02	19%	4.833	PCr
6.11E-02	**11%**	**8.571**	**Ins**
6.72E-02	**8%**	**9.421**	**NAA**
6.34E-02	**10%**	**8.900**	**Tau**
1.50E-02	**11%**	**2.108**	**PCho**
0.000	999%	0.000	GPC
5.54E-02	**13%**	**7.774**	**Glu**
7.34E-03	65%	1.029	Gln
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1.11E-02	49%	1.551	Lac
6.26E-03	58%	0.878	NAAG
0.000	999%	0.000	PE
1.50E-02	**11%**	**2.108**	**GPC+PCho**
7.34E-02	**8%**	**10.300**	**NAA+NAAG**
6.28E-02	**13%**	**8.803**	**Glu+Gln**
5.70E-02	**9%**	**8.000**	**Cr+PCr**
7.34E-02	**8%**	**10.300**	**NAA+NAAG**
5.70E-02	**9%**	**8.000**	**Cr+PCr**
6.28E-02	**13%**	**8.803**	**Glu+Gln**

DIAGNOSTICS

    4 info's   RFALSI 11
    2 info's   RFALSI 4
  Doing Water-Scaling

MISCELLANEOUS OUTPUT

 FWHM = 0.023 ppm   S/N =   4
 Data shift = 0.023 ppm
 Ph: -9 deg   -4.2 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_1avgT1\Slice_N1\Data\Slice_N1@22_14.RAW'
filps= 'Z:\Brayan\Data Processing\31052022_NewBa
   sis_1avgT1\Slice_N1\Data\Slice_N1@22_14.ps'
filh2o= 'Z:\Brayan\Data Processing\31052022_NewB
   asis_1avgT1\Slice_N1\Data\Slice_N1@22_14w.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_1avgT1\Slice_N1\Data\Slice_N1@22_14.coord
   '
filtab= 'Z:\Brayan\Data Processing\31052022_NewB
   asis_1avgT1\Slice_N1\Data\tables\Slice_N1@22_1
   4.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@22_14 02-Jun-2023 14:37:25

Mac   Conc. = 1.41E-06

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Chemical Shift (ppm)
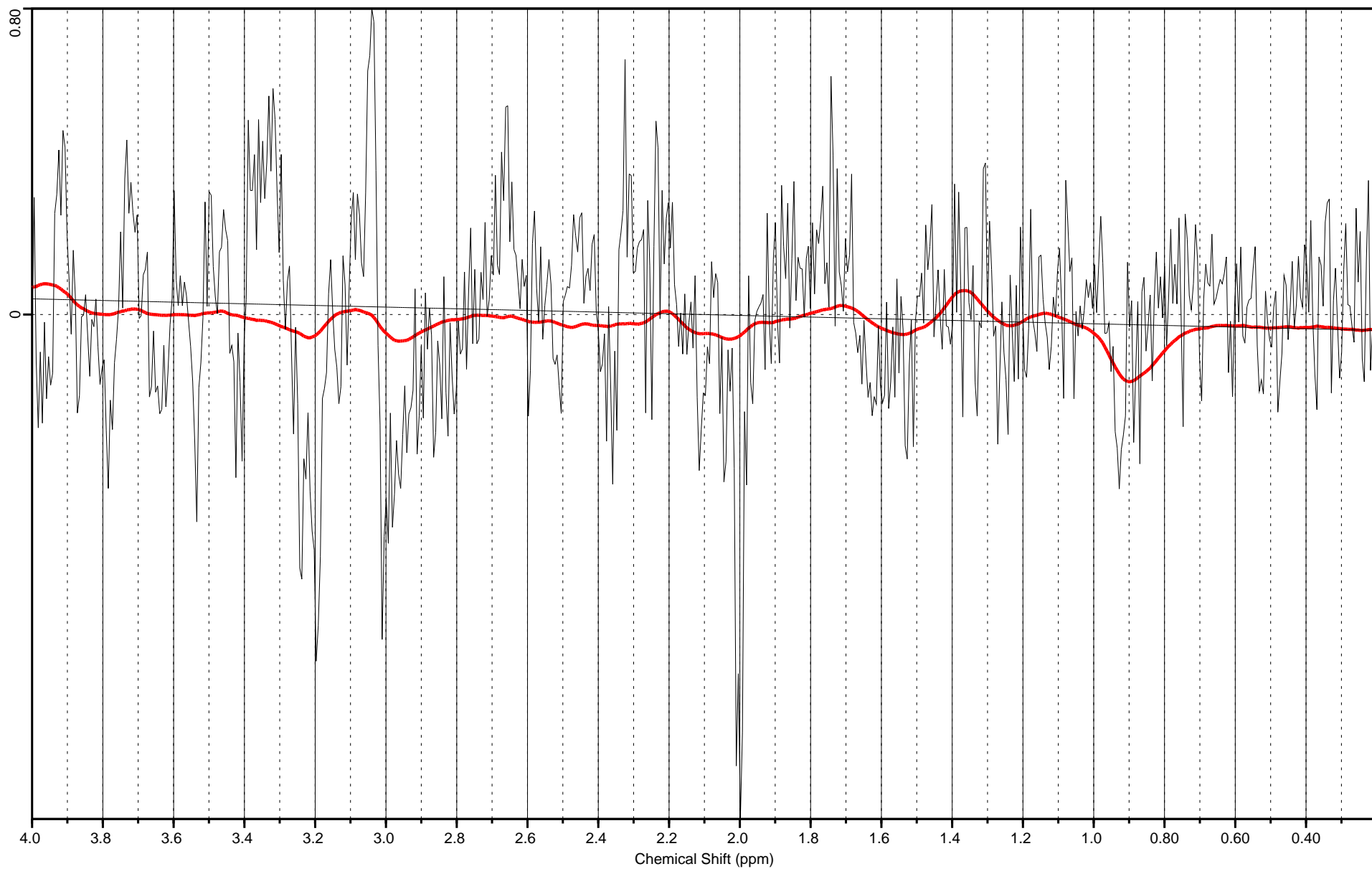
Slice_N1@22_14 02-Jun-2023 14:37:25

Cr   Conc. = 2.26E-02

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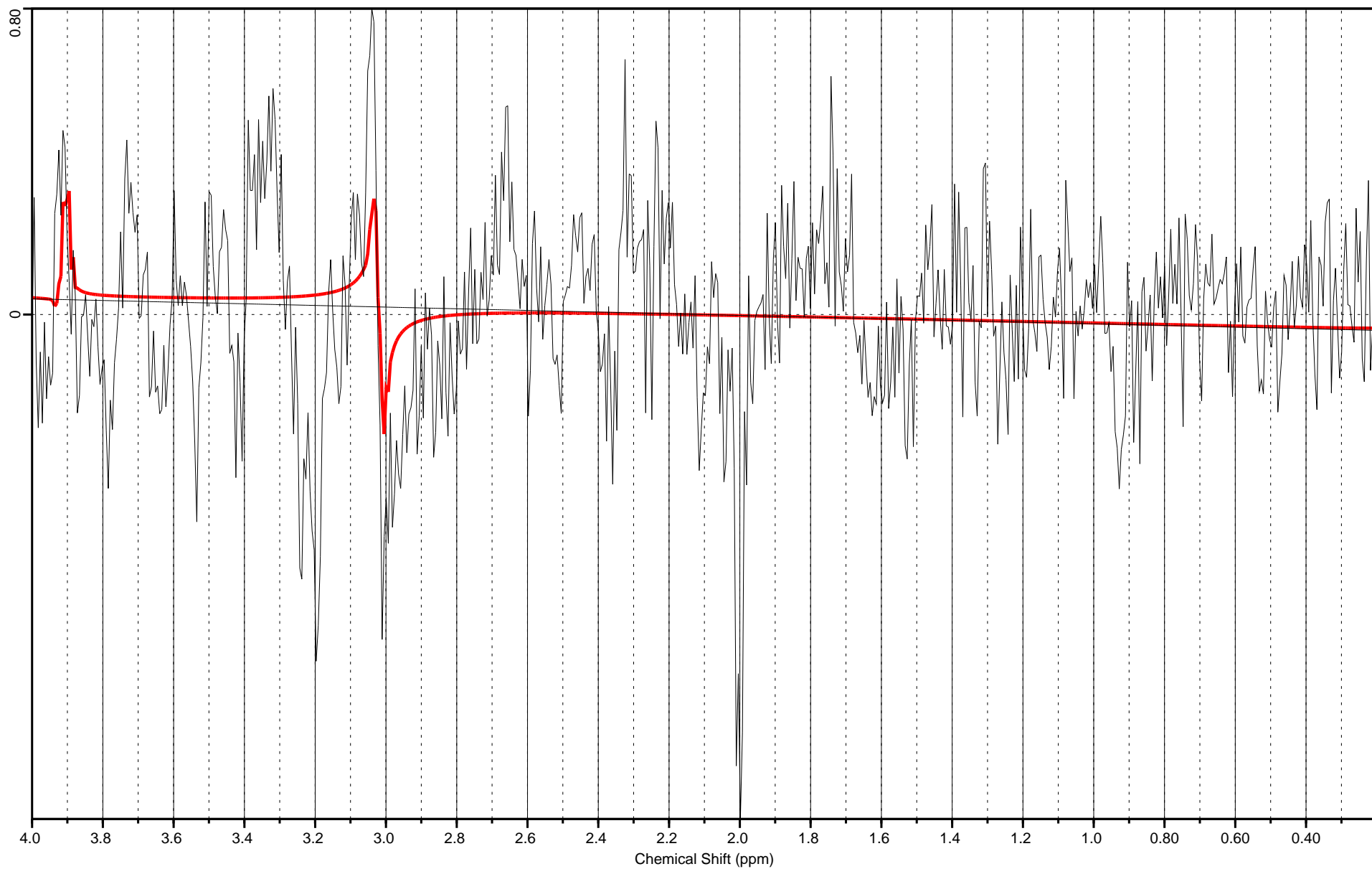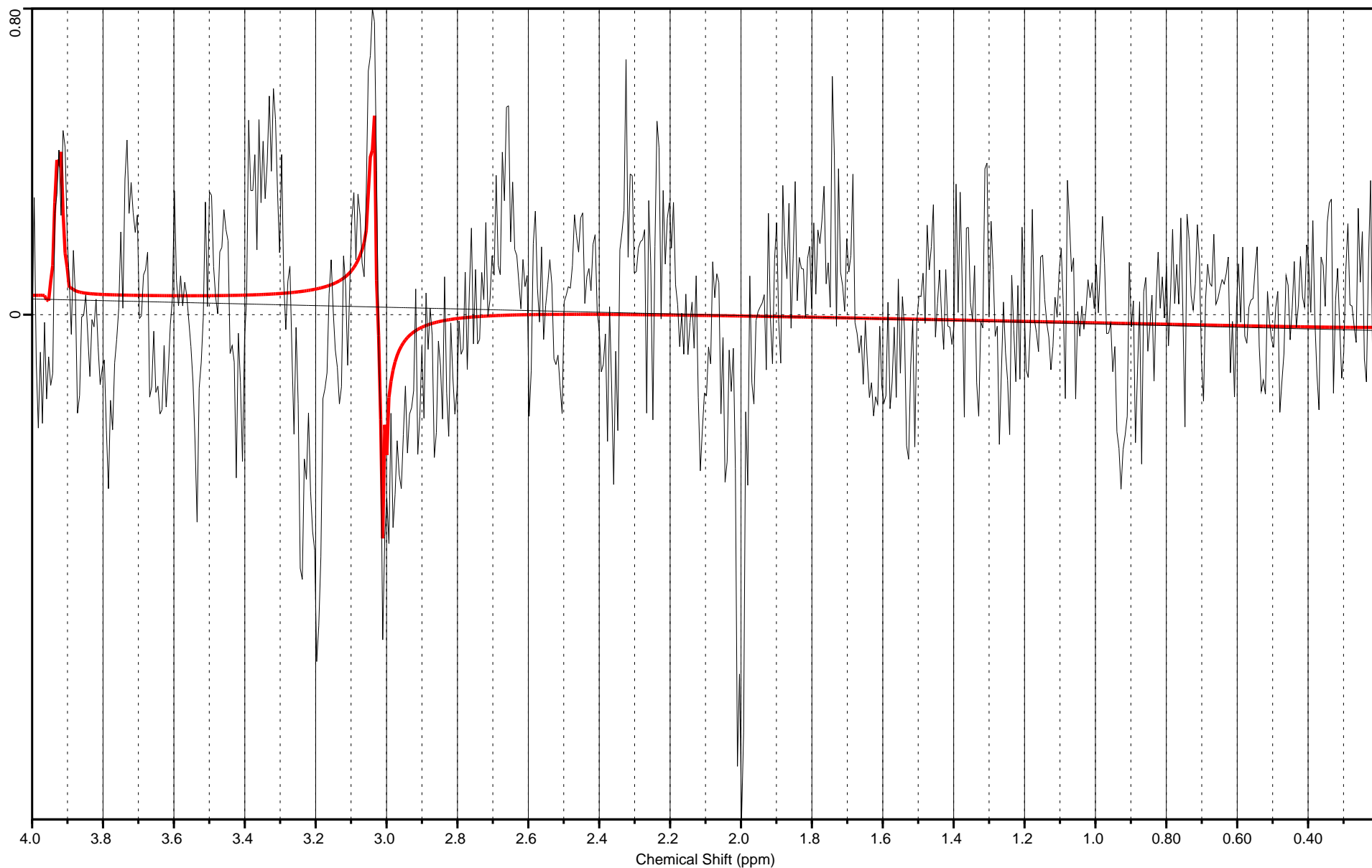
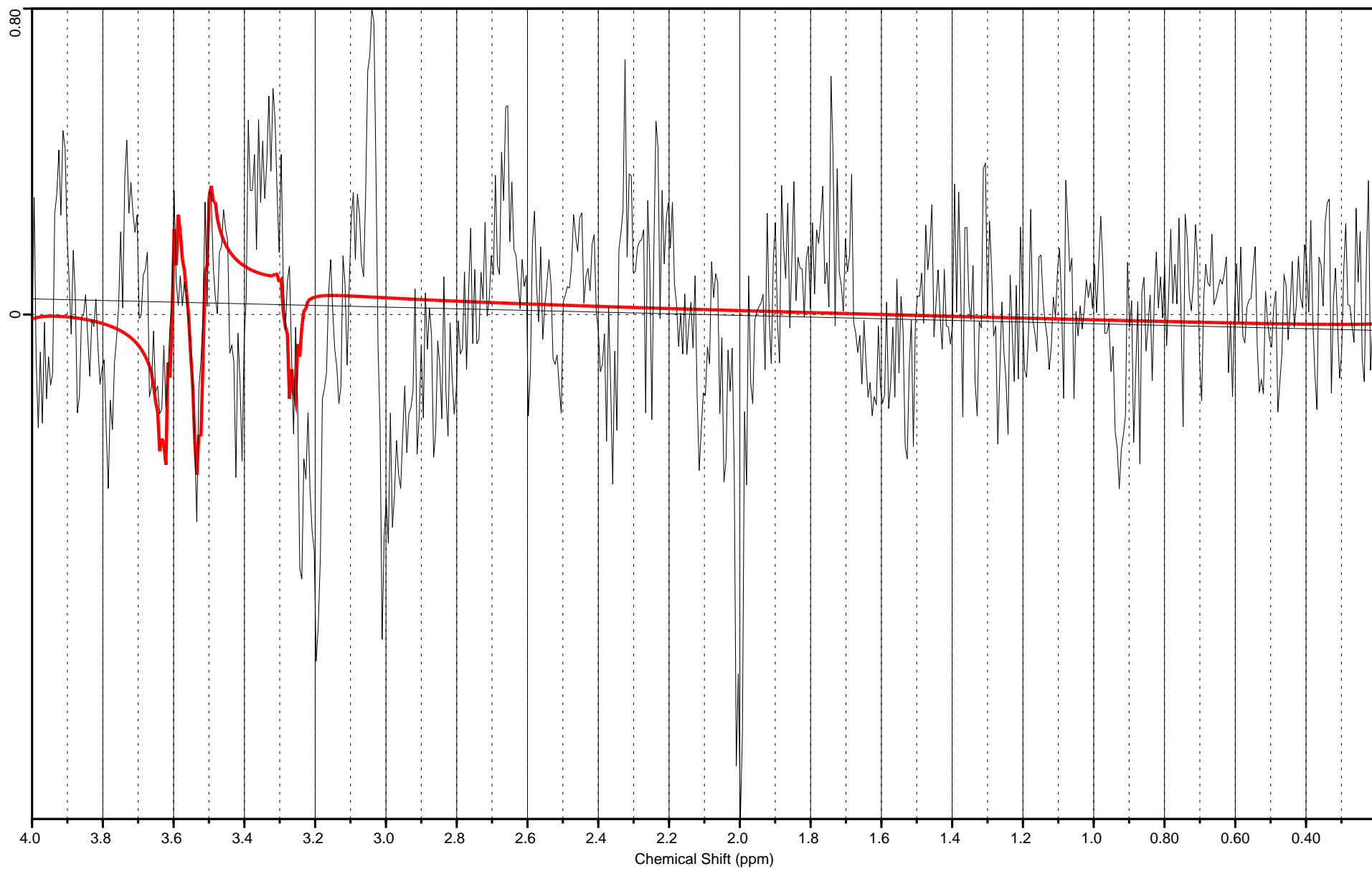Slice_N1@22_14 02-Jun-2023 14:37:25

PCr   Conc. = 3.44E-02

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Chemical Shift (ppm)

Slice_N1@22_14 02-Jun-2023 14:37:25

Ins   Conc. = 6.11E-02

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Chemical Shift (ppm)

Slice_N1@22_14 02-Jun-2023 14:37:25

NAA   Conc. = 6.72E-02

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Chemical Shift (ppm)
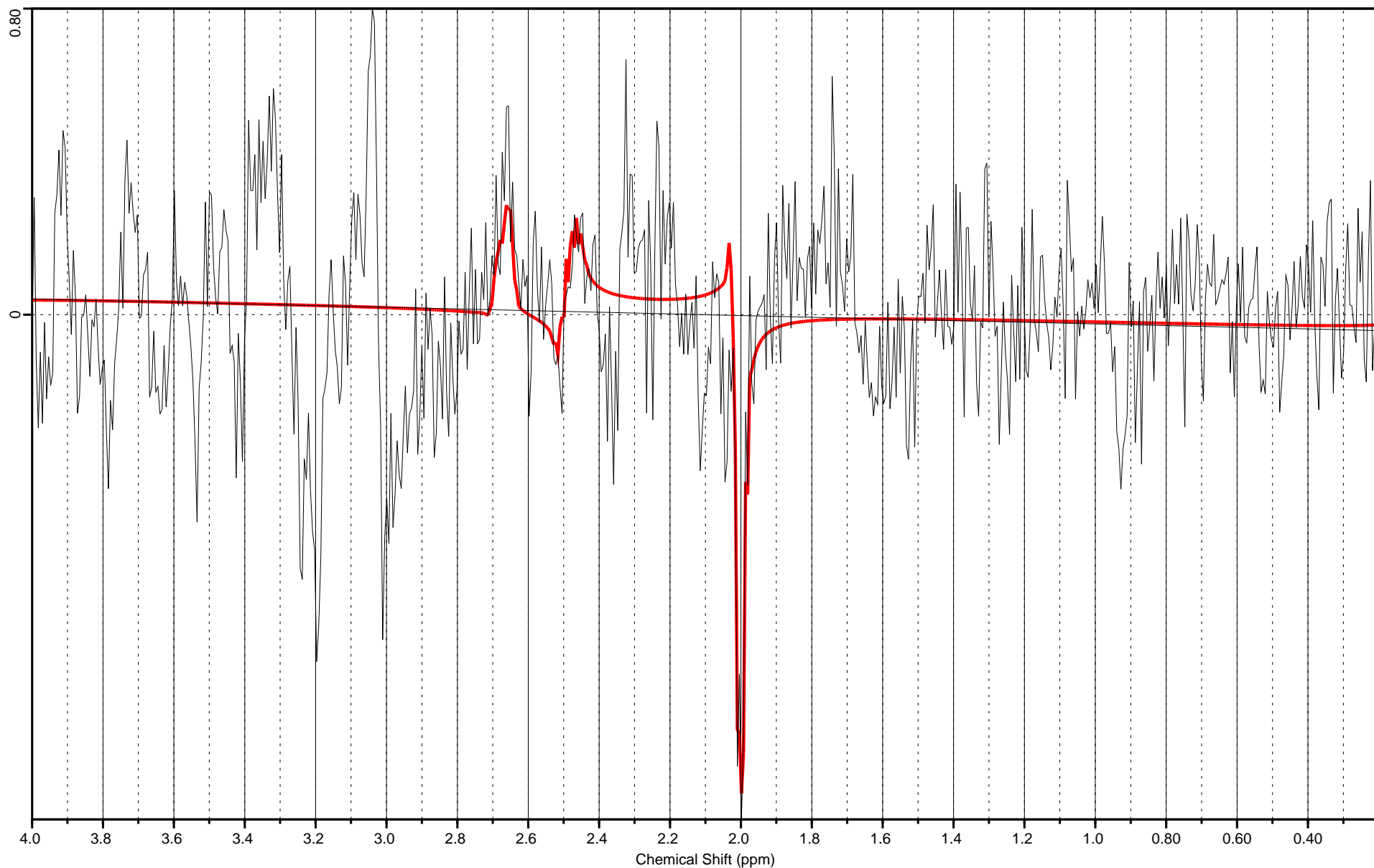
Slice_N1@22_14 02-Jun-2023 14:37:25

Tau   Conc. = 6.34E-02

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Chemical Shift (ppm)

Slice_N1@22_14 02-Jun-2023 14:37:25

PCho   Conc. = 1.50E-02

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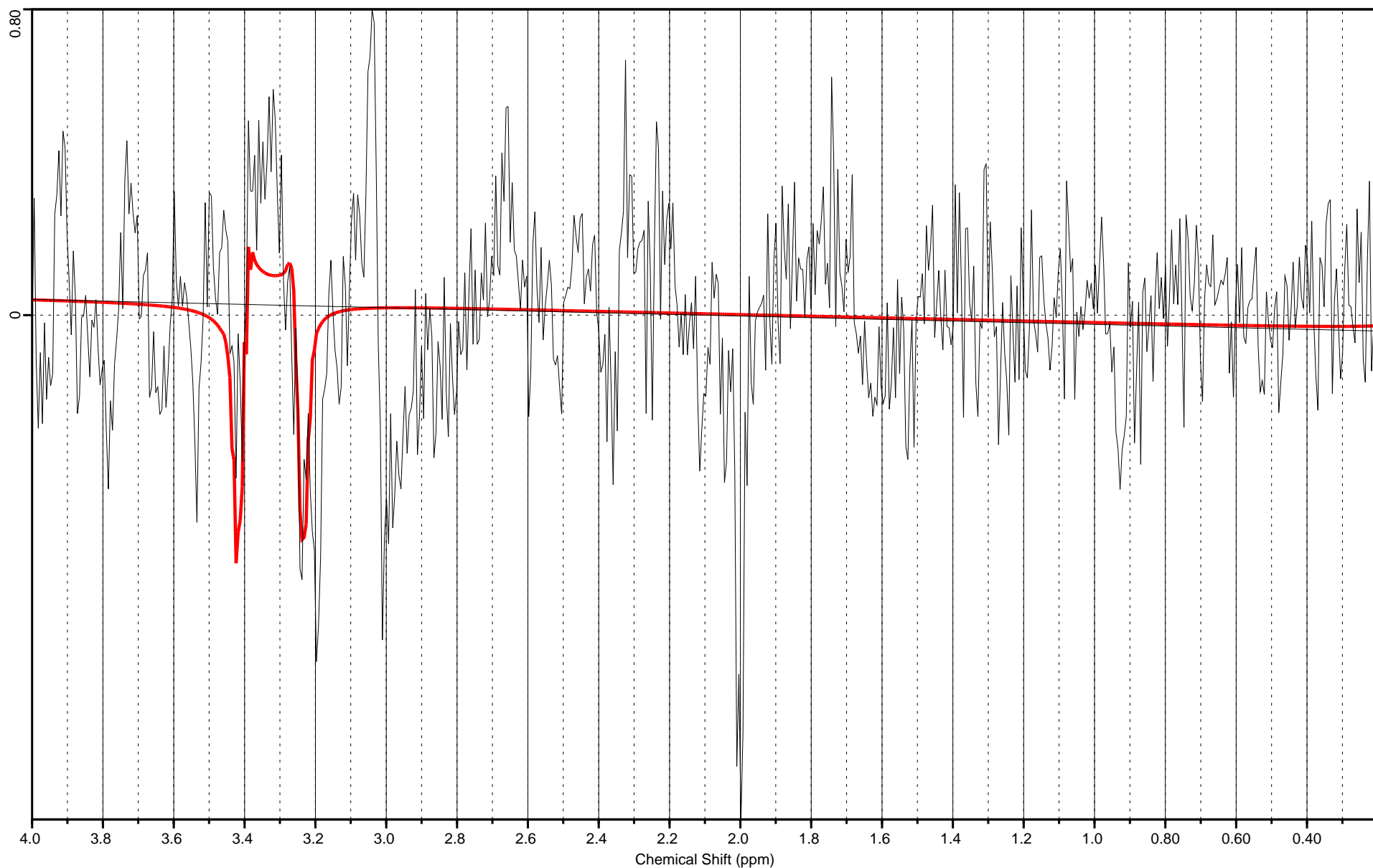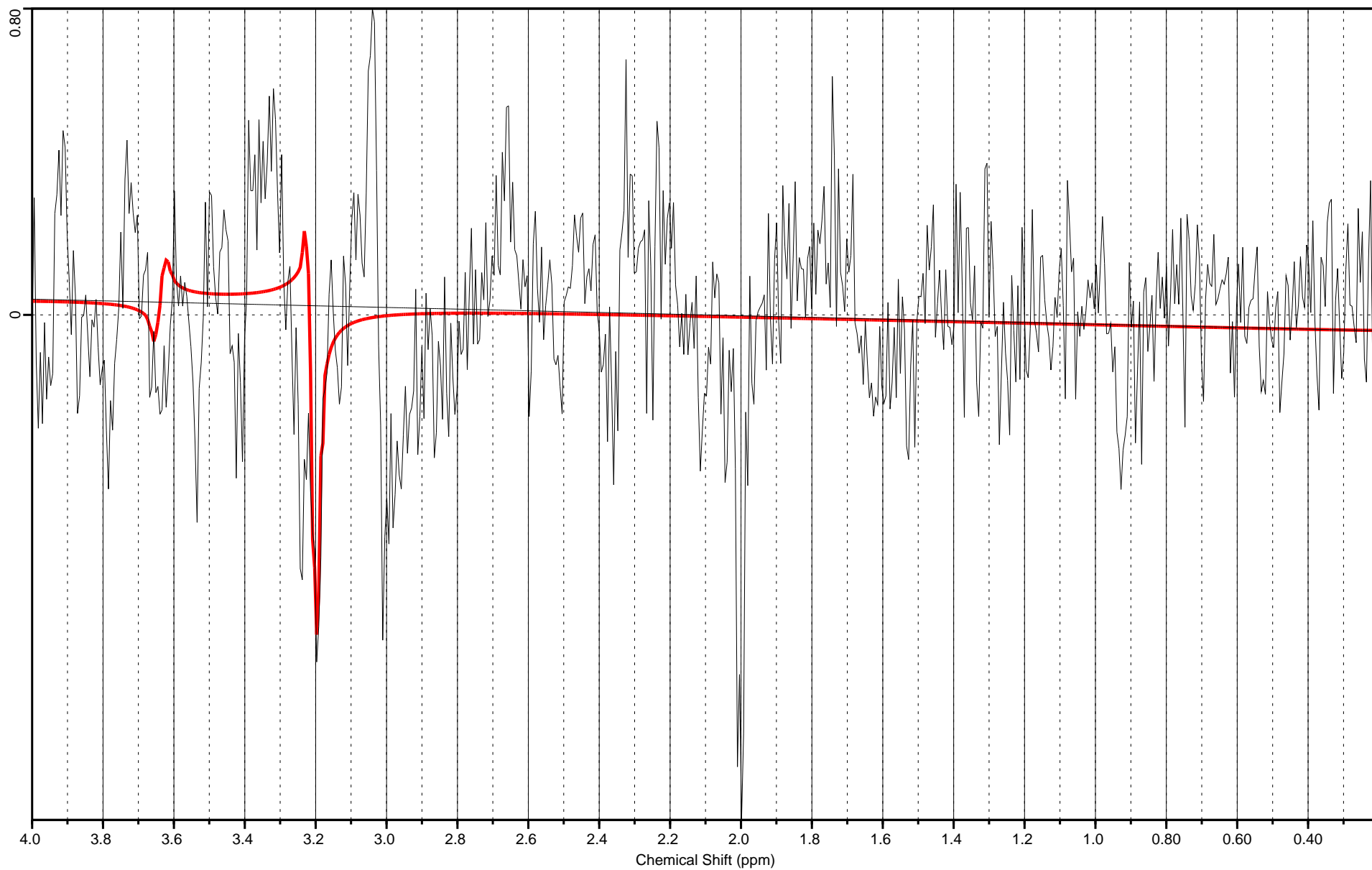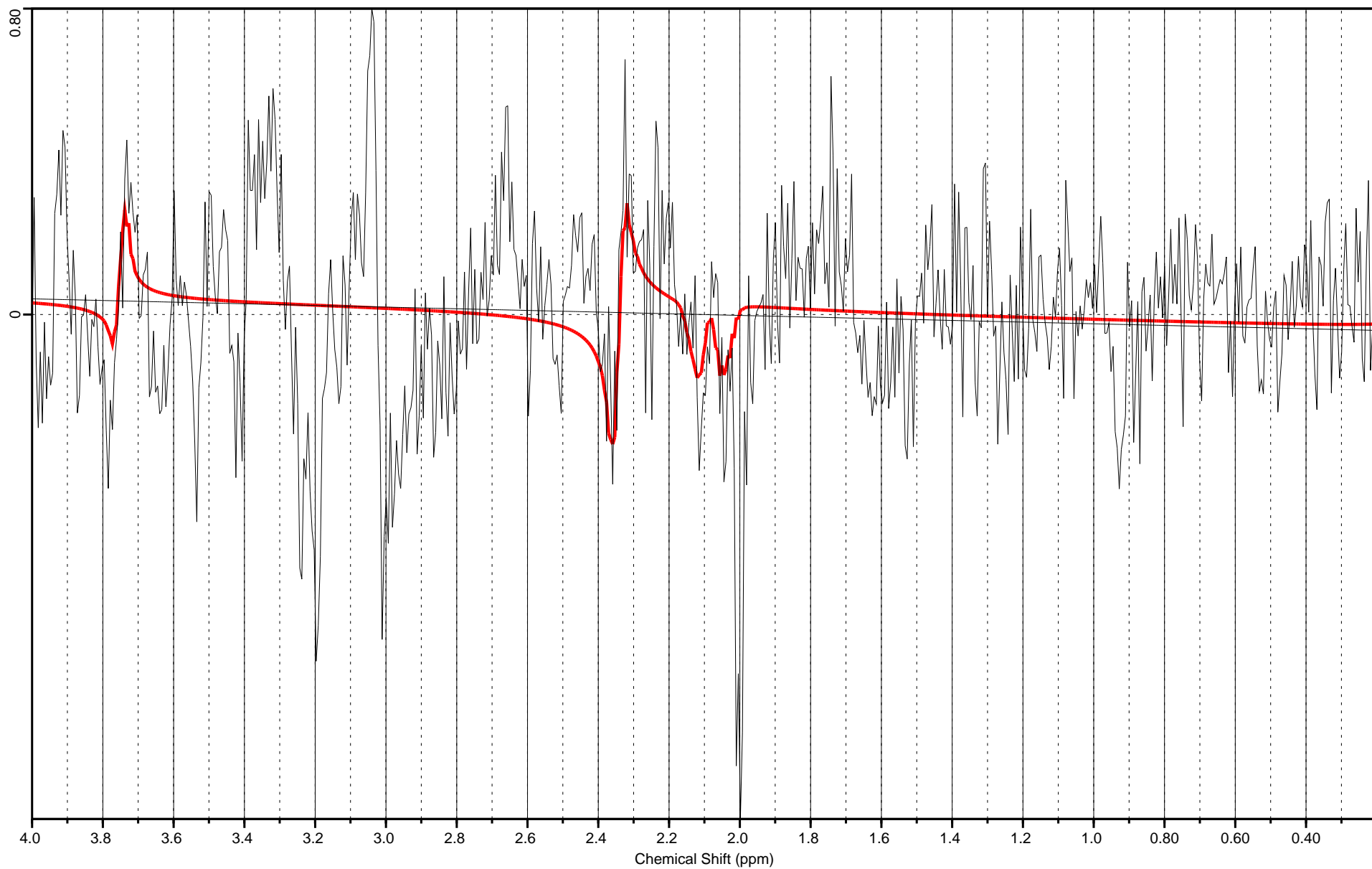
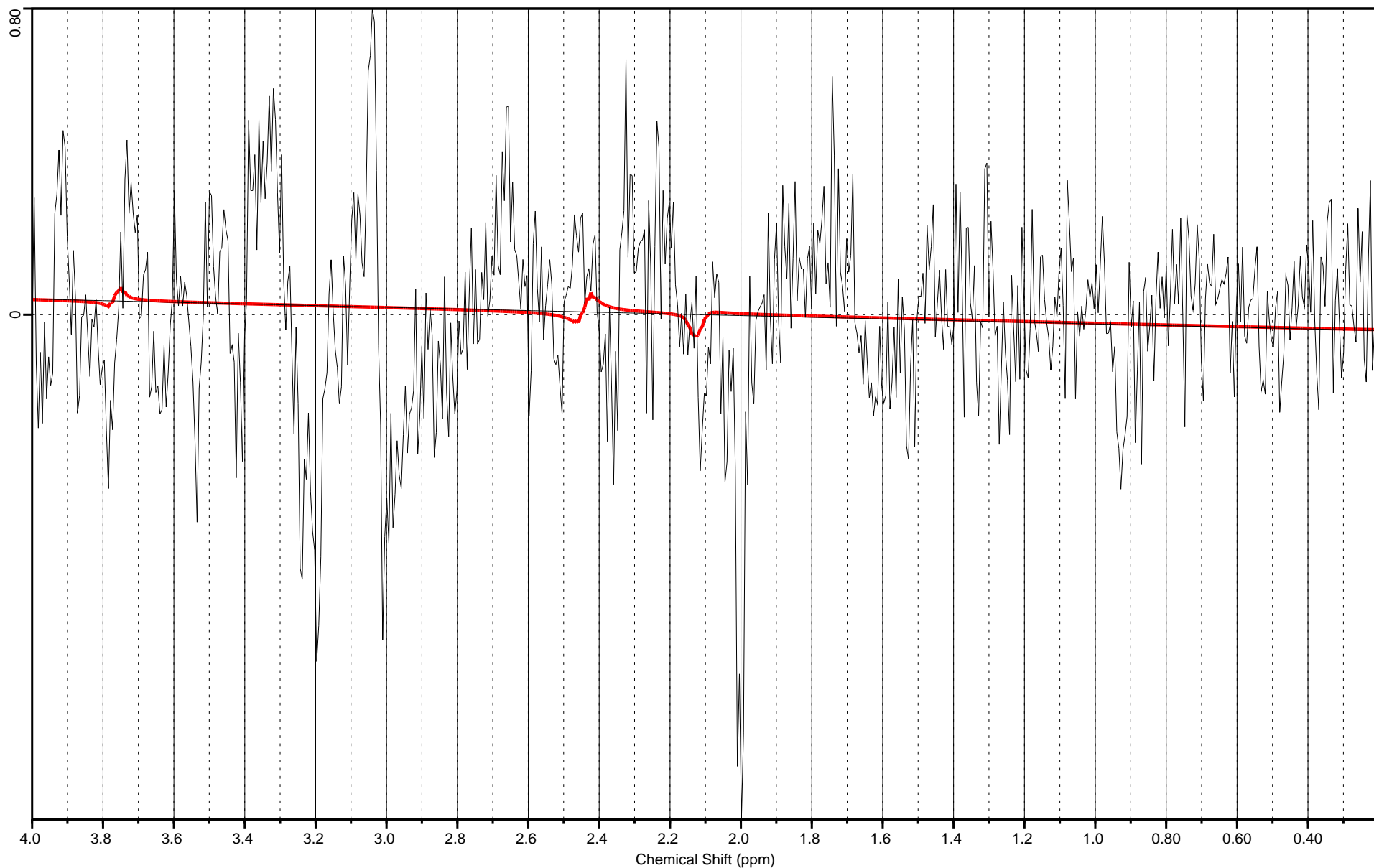Slice_N1@22_14 02-Jun-2023 14:37:25

Glu   Conc. = 5.54E-02

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Chemical Shift (ppm)

Slice_N1@22_14 02-Jun-2023 14:37:25

Gln   Conc. = 7.34E-03

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Chemical Shift (ppm)

Slice_N1@22_14 02-Jun-2023 14:37:25

Ala   Conc. = 1.03E-02

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Chemical Shift (ppm)
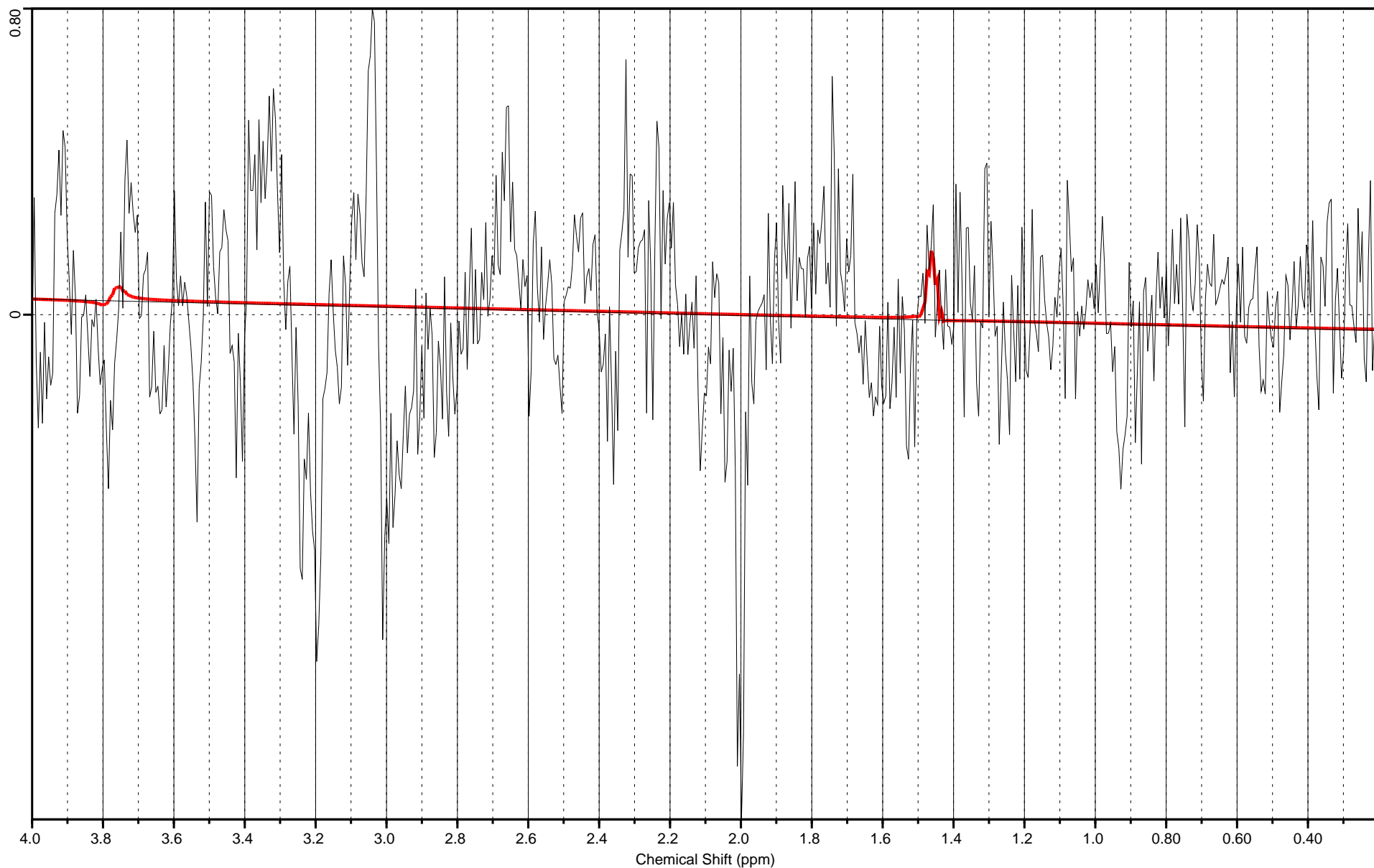
Slice_N1@22_14 02-Jun-2023 14:37:25

Asc   Conc. = 3.93E-02

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Chemical Shift (ppm)
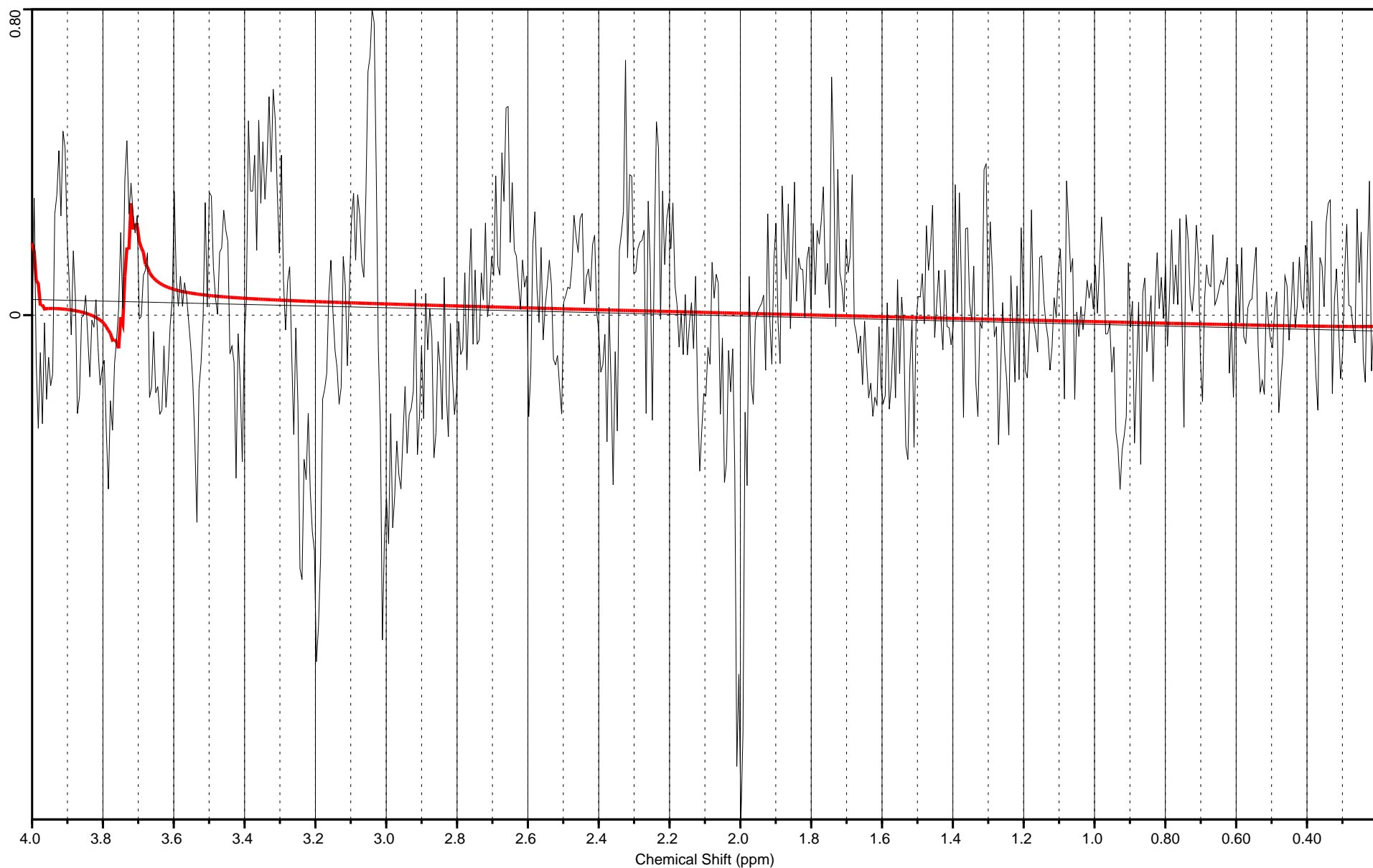
Slice_N1@22_14 02-Jun-2023 14:37:25

Asp   Conc. = 3.29E-03

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Chemical Shift (ppm)
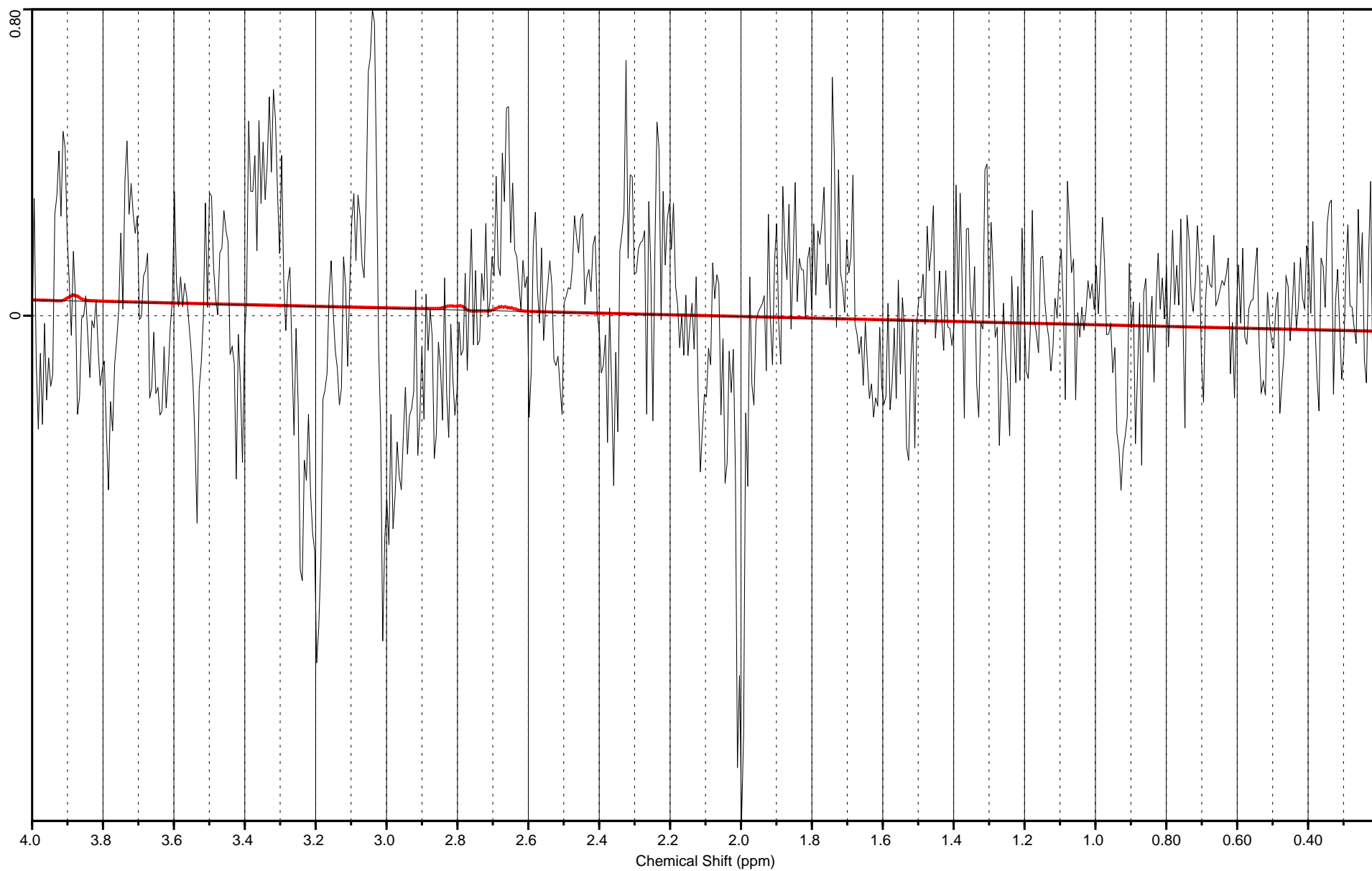
Slice_N1@22_14 02-Jun-2023 14:37:25

GABA   Conc. = 1.63E-03

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Chemical Shift (ppm)

Slice_N1@22_14 02-Jun-2023 14:37:25

Glc   Conc. = 6.32E-03

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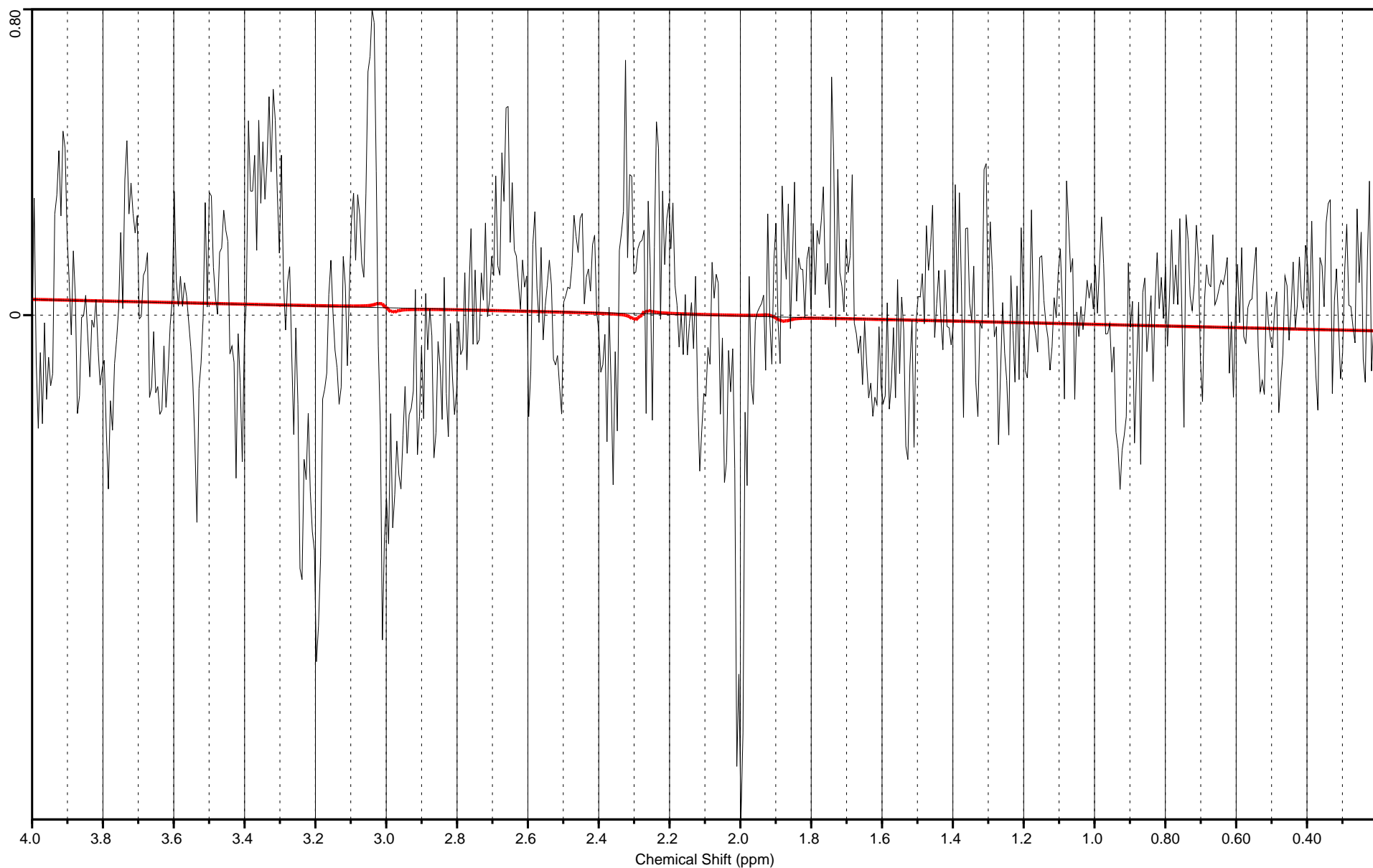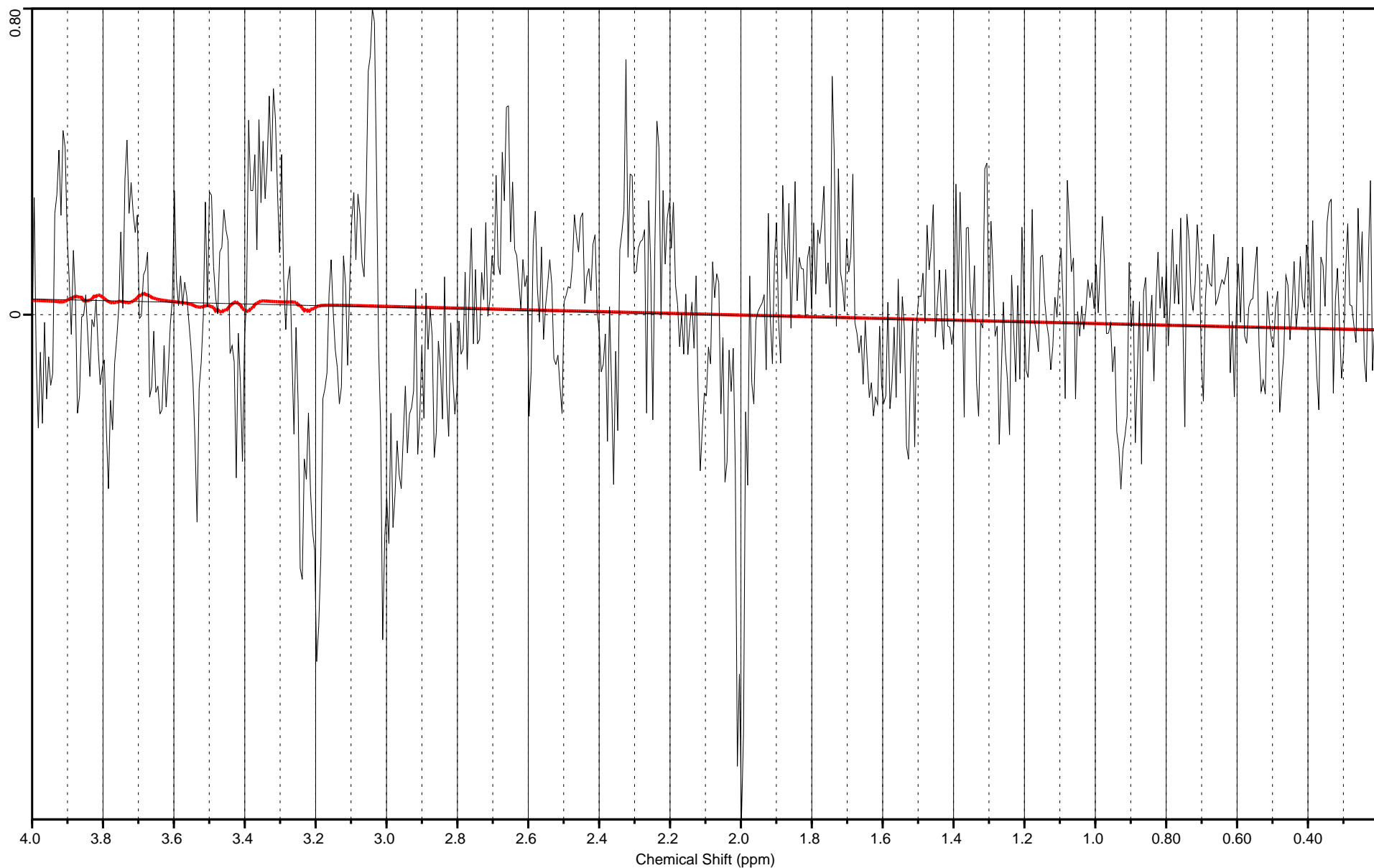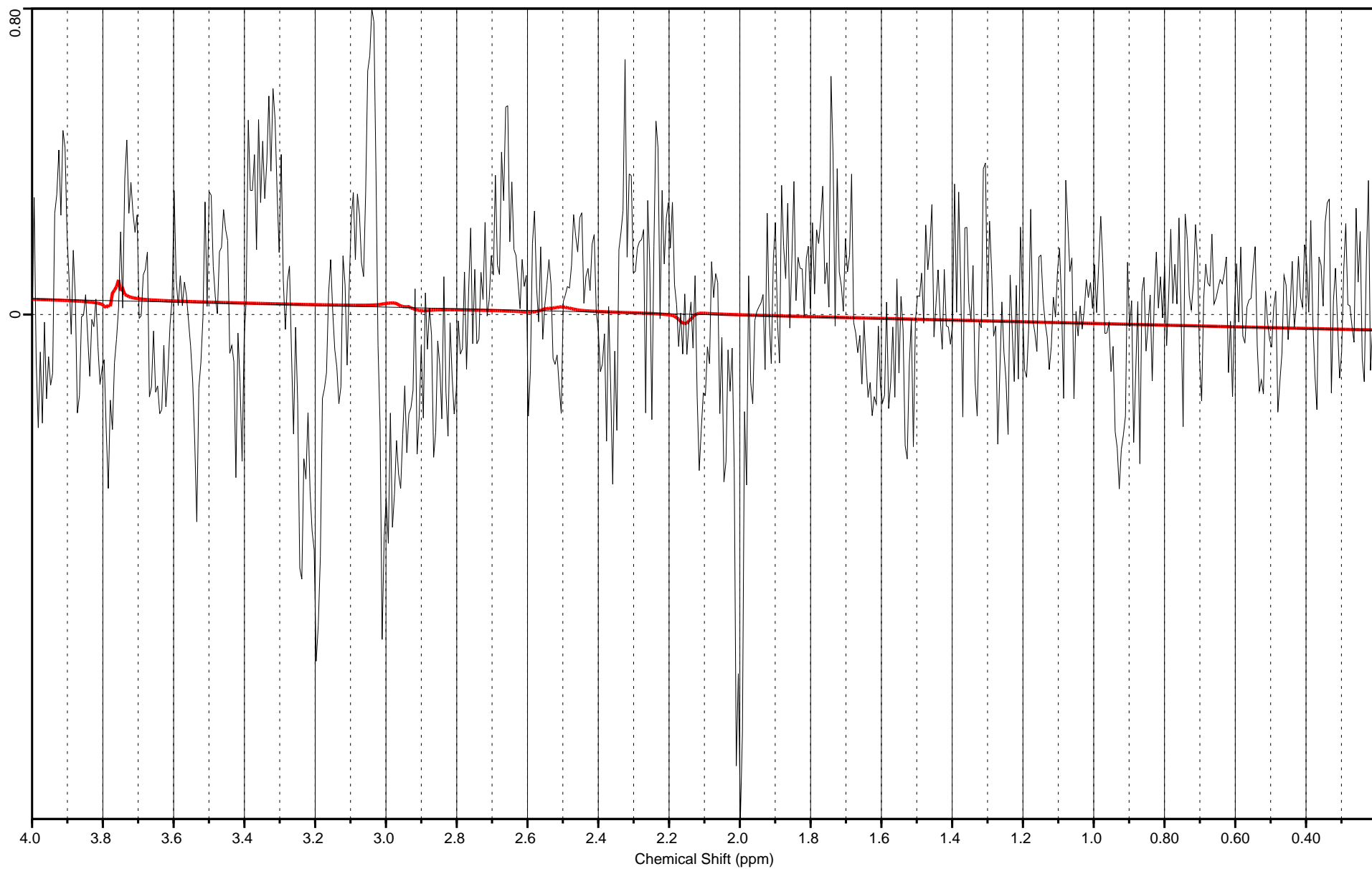
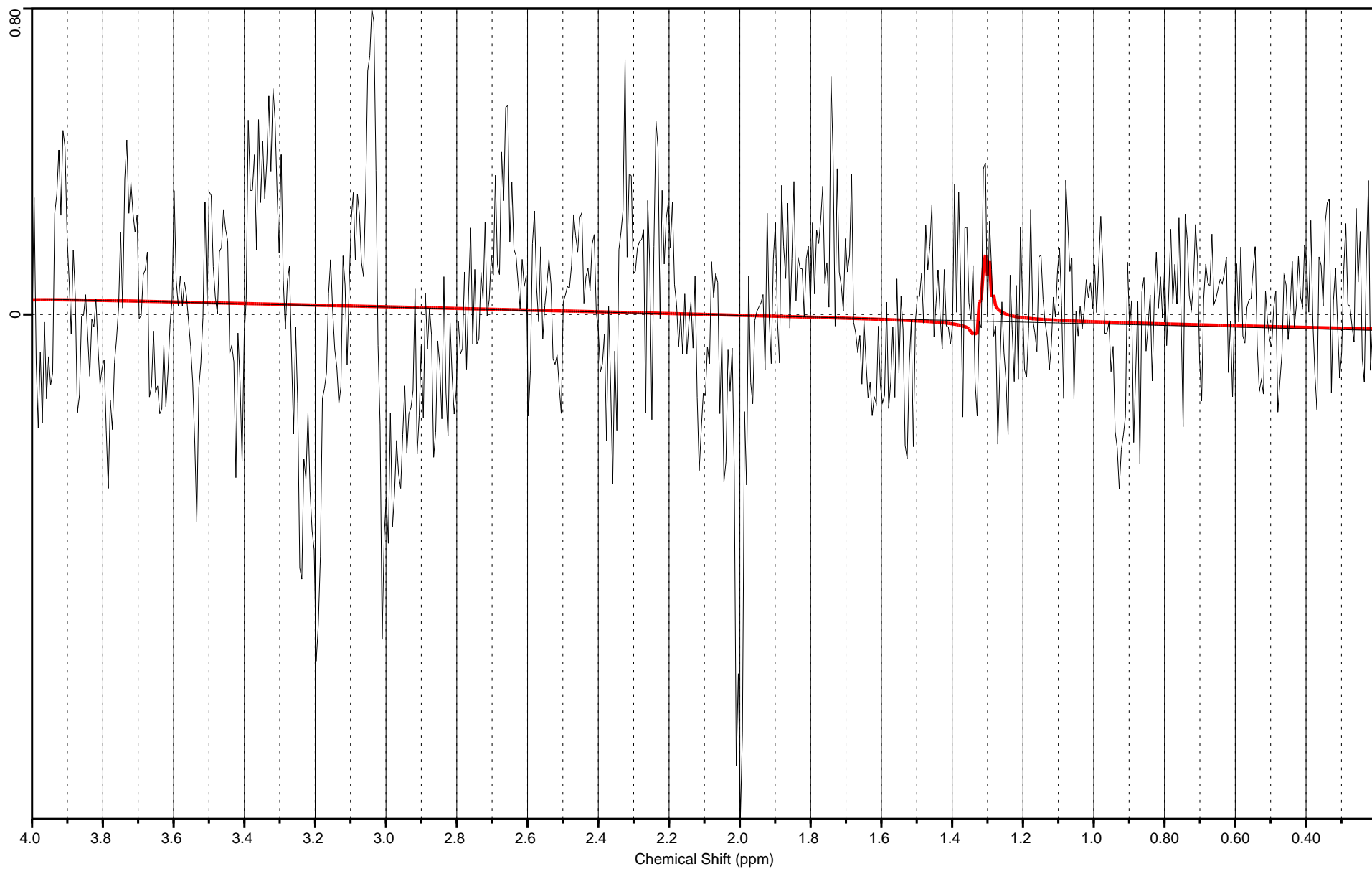Slice_N1@22_14 02-Jun-2023 14:37:25

GSH   Conc. = 2.84E-03

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Chemical Shift (ppm)

Slice_N1@22_14 02-Jun-2023 14:37:25

Lac   Conc. = 1.11E-02

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Chemical Shift (ppm)

Slice_N1@22_14 02-Jun-2023 14:37:25

NAAG   Conc. = 6.26E-03

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Chemical Shift (ppm)