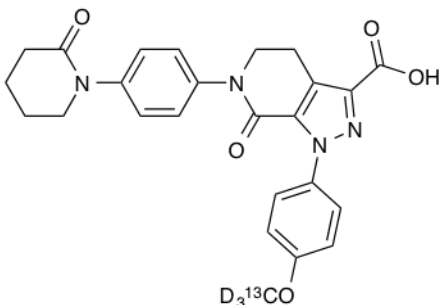




Name: Apixaban Acid-¹³CD₃
Lot#: GR-9-093
Test Date: 02/06/2024 (re-test date:02/06/2029)
CAS No.: 503614-92-4 (*unlabeled*)
MF: C₂₄¹³CH₂₁D₃N₄O₅
MW: 464.50
Appearance: Beige Solid
Purity: 99.0% by HPLC; 99% atom ¹³C; 99% atom D
¹H-NMR: Conforms
MS-ESI (+) Conforms (shows peak at m/z = 465.19 [M+H]⁺)
Storage Store at -18°C in a dry place away from direct sunlight

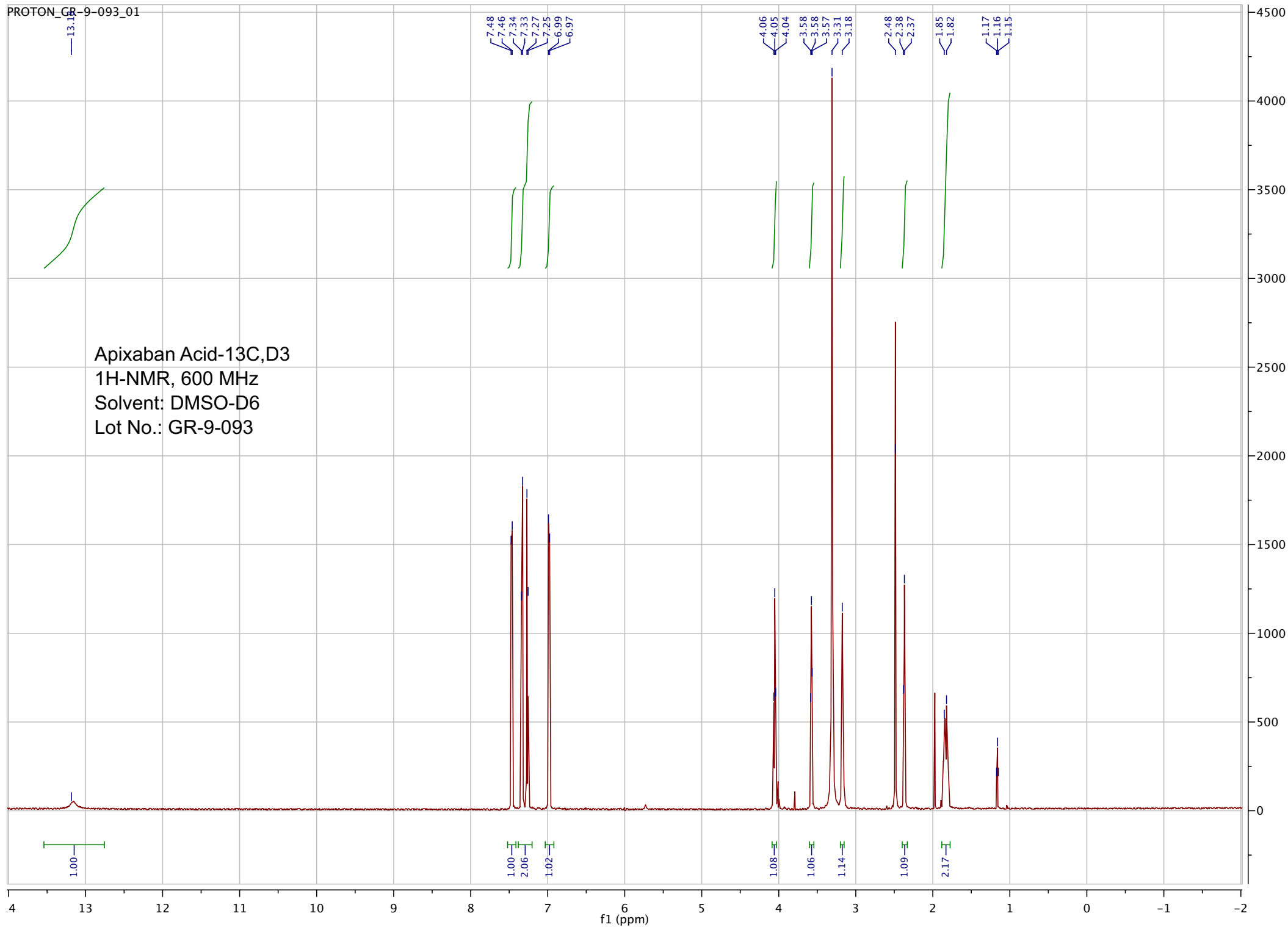
Approved by:

Date: 02/07/2024



Viorica Rusu, QC/QA Manager

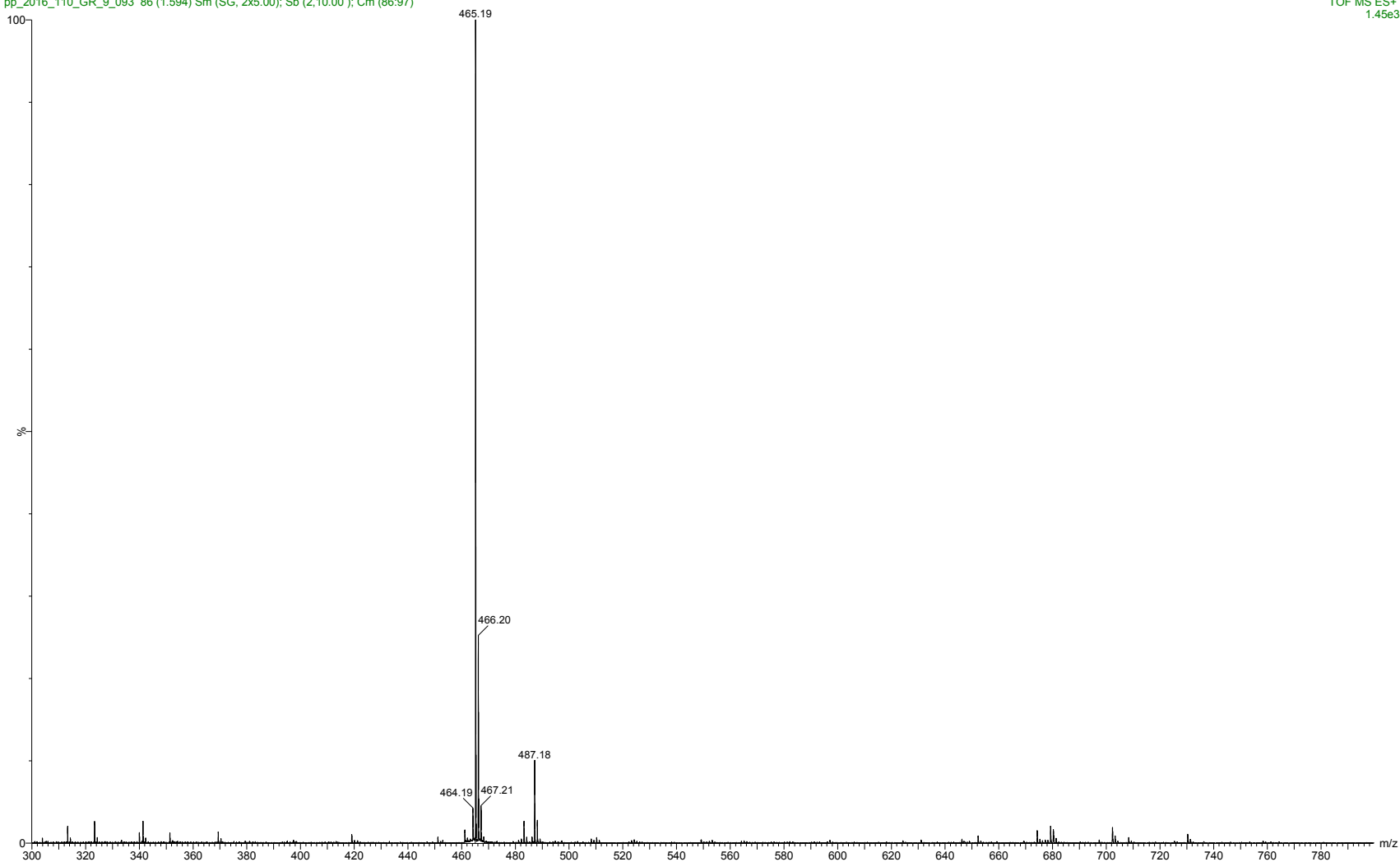
Apixaban Acid-13C,D3
 1H-NMR, 600 MHz
 Solvent: DMSO-D6
 Lot No.: GR-9-093



pp_2016_110_GR_9_093 86 (1.594) Sm (SG, 2x5.00); Sb (2,10.00); Cm (86.97)

7.00000000

21-Oct-2016, 16:02:54
TOF MS ES+
1.45e3



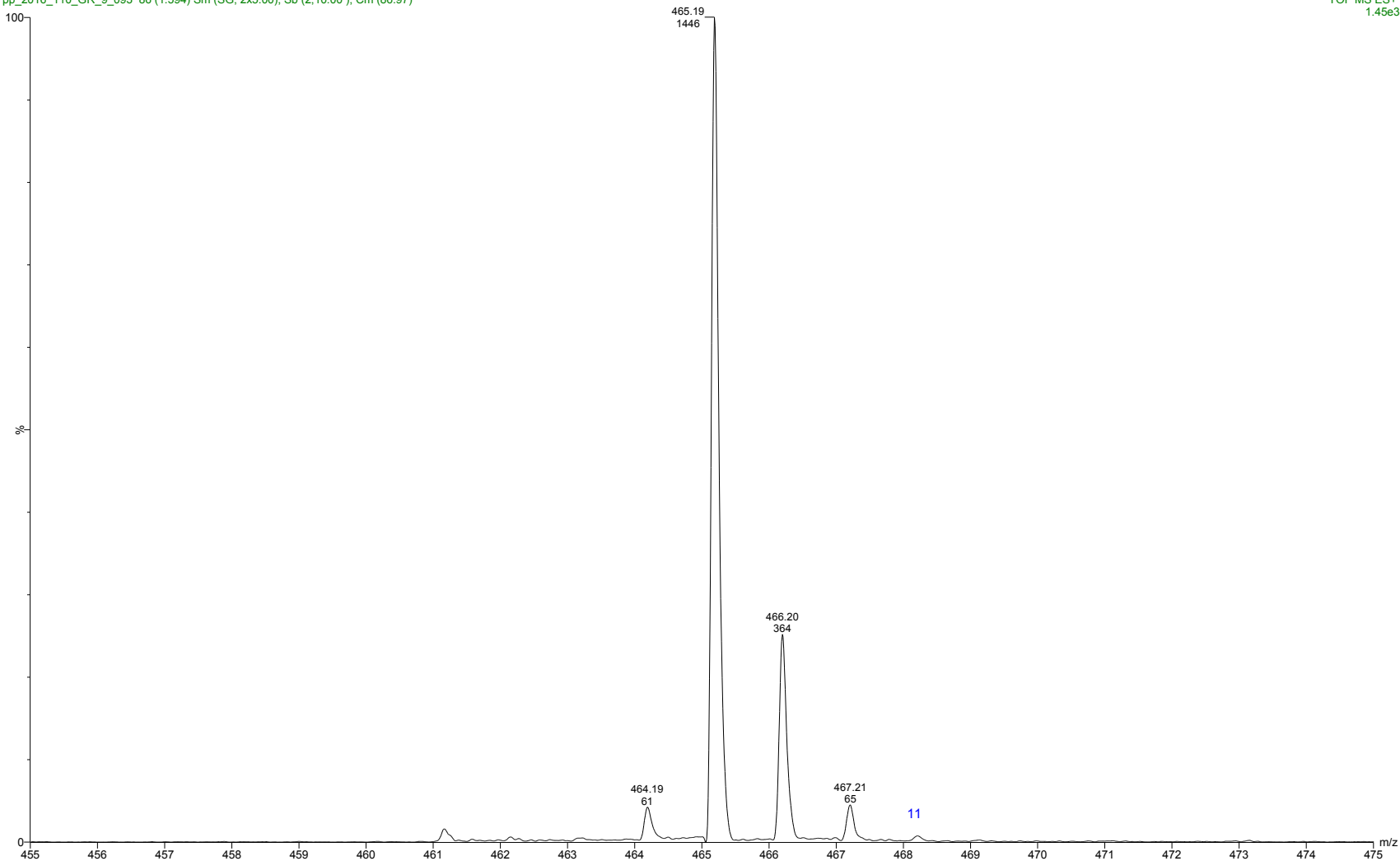
ESI-MS spectrum for sample GR-9-093. Shows monoisotopic [M+H]⁺ mass.

pp_2016_110_GR_9_093 86 (1.594) Sm (SG, 2x5.00); Sb (2,10.00); Cm (86:97)

7.00000000

21-Oct-2016, 16:02:54

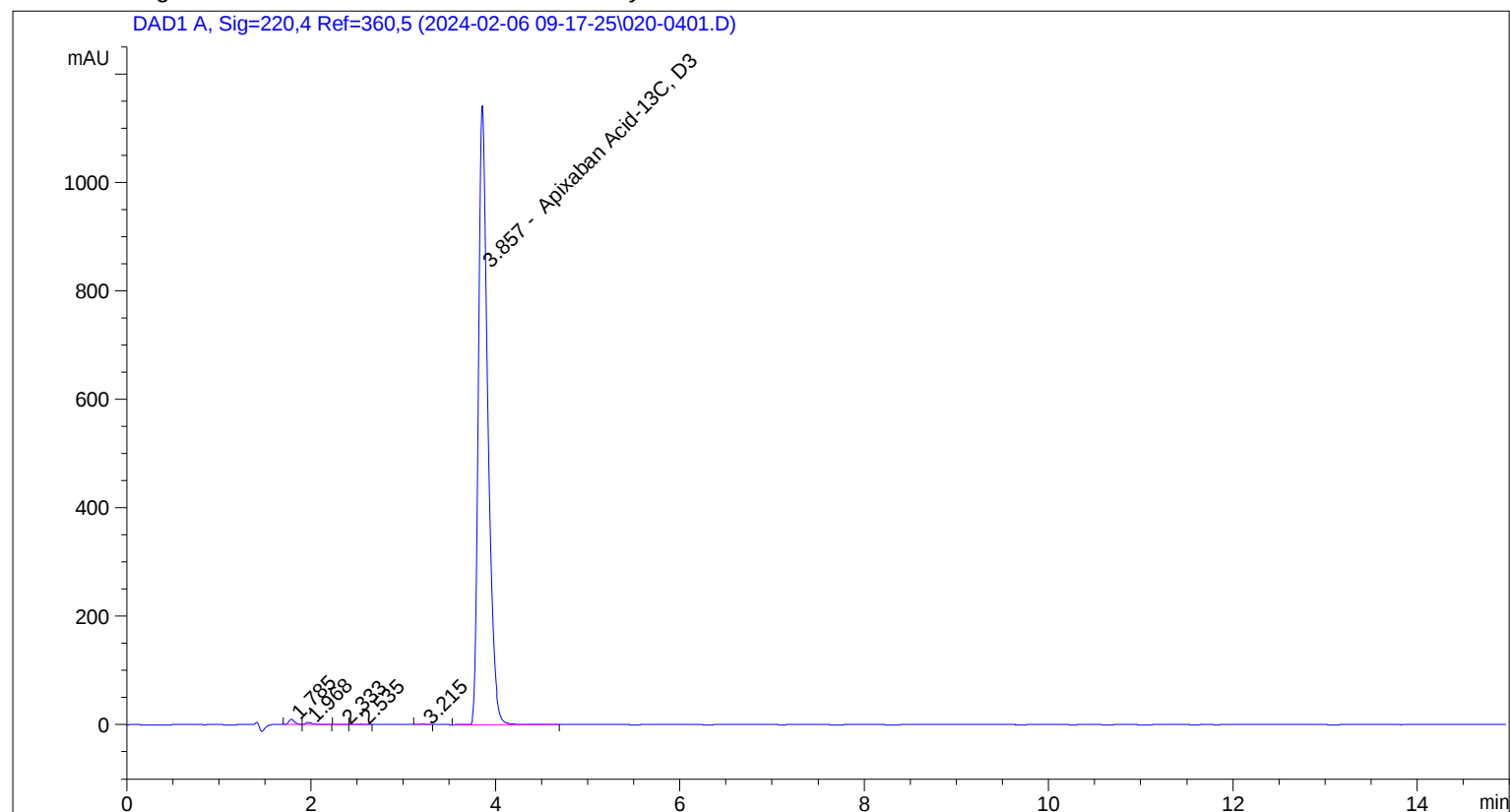
TOF MS ES+
1.45e3



Expansion of above with intensity labelling.

Sample Name: GR-09-093 spl-2

```
=====
Acq. Operator   : vrusu                      Seq. Line :    4
Acq. Instrument : Instrument 1                Location  : Vial 20
Injection Date  : 2/6/2024 10:07:25 AM        Inj       :    1
                                           Inj Volume: 3.0 µl
Acq. Method     : C:\CHEM32\1\DATA\2024-02-06 09-17-25\VR020624_093.M
Last changed    : 2/6/2024 9:15:34 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR020624_093_PM.M
Last changed    : 2/6/2024 2:10:34 PM by vrusu
=====
```



```
=====
                          Area Percent Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      2/6/2024 2:10:15 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: DAD1 A, Sig=220,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	3.857	BB	0.1056	7988.81592	99.0449	Apixaban Acid-13C, D3

Totals : 7988.81592 99.0449

Uncalibrated Peaks:

Sample Name: GR-09-093 spl-2

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.785	BV	0.0656	43.57359	0.5402	?
2	1.968	VB	0.0744	20.63608	0.2558	?
3	2.333	BB	0.0691	2.08525	0.0259	?
4	2.535	BB	0.0737	4.53053	0.0562	?
5	3.215	BB	0.0835	6.21433	0.0770	?

Uncalib. totals : 77.03977 0.9551

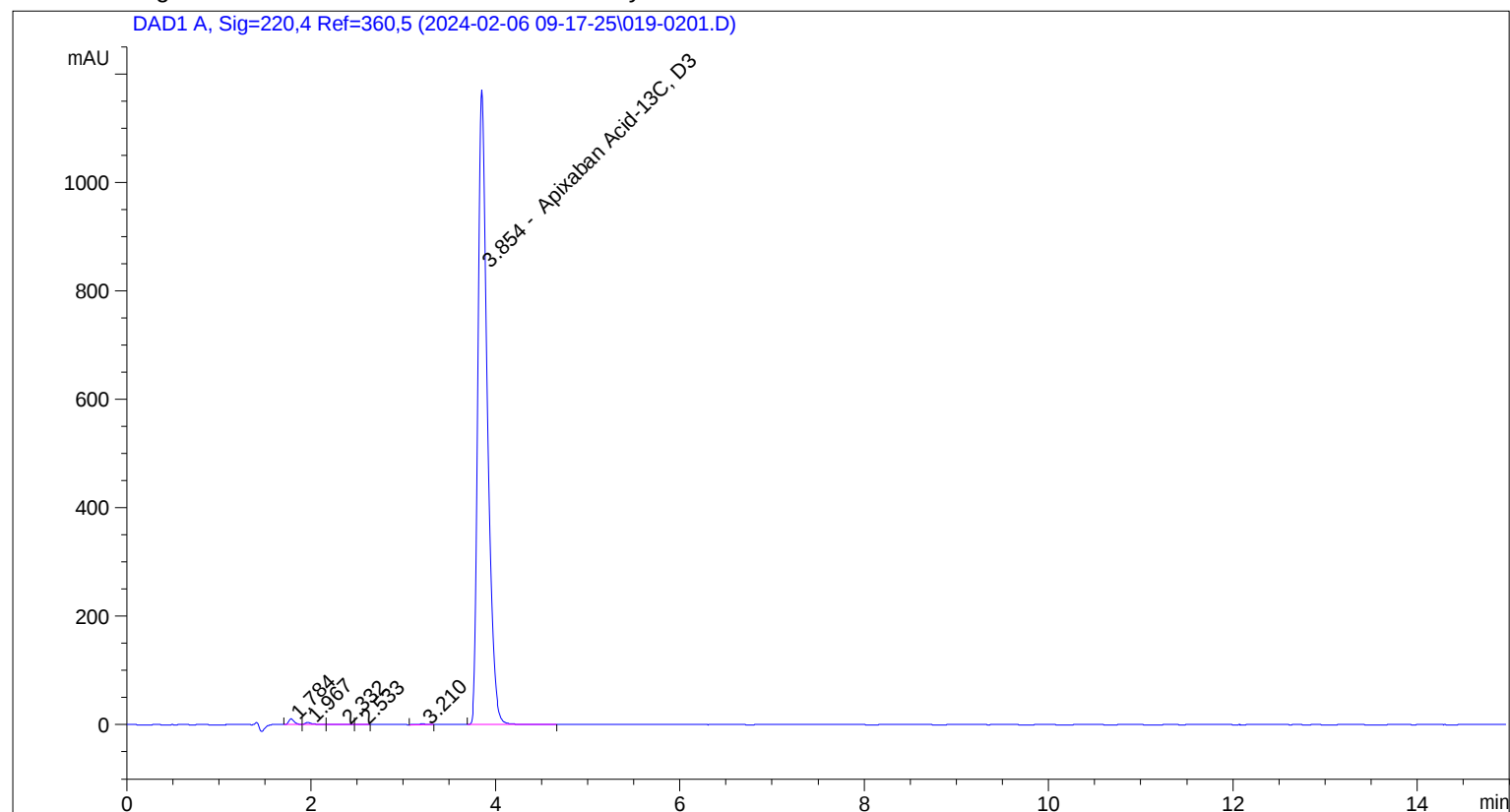
=====
*** End of Report ***

Sample Name: GR-09-093

```

=====
Acq. Operator   : vrusu                      Seq. Line :    2
Acq. Instrument : Instrument 1                Location  : Vial 19
Injection Date  : 2/6/2024 9:34:49 AM        Inj       :    1
                                           Inj Volume: 3.0 µl
Acq. Method     : C:\CHEM32\1\DATA\2024-02-06 09-17-25\VR020624_093.M
Last changed    : 2/6/2024 9:15:34 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR020624_093_PM.M
Last changed    : 2/6/2024 2:10:34 PM by vrusu
=====

```



```

=====
                          Area Percent Report
=====

```

```

Sorted By           :      Signal
Calib. Data Modified :      2/6/2024 2:10:15 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs

```

Signal 1: DAD1 A, Sig=220,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	3.854	BB	0.1035	8176.94092	98.9657	Apixaban Acid-13C, D3

Totals : 8176.94092 98.9657

Uncalibrated Peaks:

Sample Name: GR-09-093

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.784	BV	0.0660	45.22517	0.5474	?
2	1.967	VB	0.0774	21.72820	0.2630	?
3	2.332	BV	0.1078	6.47053	0.0783	?
4	2.533	VB	0.0759	4.40828	0.0534	?
5	3.210	BB	0.0864	7.62806	0.0923	?

Uncalib. totals : 85.46025 1.0343

=====
*** End of Report ***