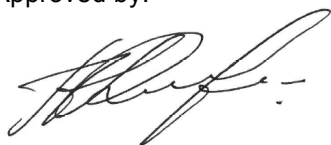


Name: Budesonide-D8
Lot#: GR-7-131
Test Date: 11/27/2019 (re-test date:11/27/2024)
CAS No.: 1105542-94-6
MF: C₂₅H₂₆D₈O₆
MW: 438.58
Appearance: White Solid
Purity: 97.6% by HPLC; >98% atom D
¹H-NMR: Conforms
MS-ESI (+) Conforms (shows peaks at m/z = 439.29 [M+H]⁺, 421.28 [M-H₂O+H]⁺)

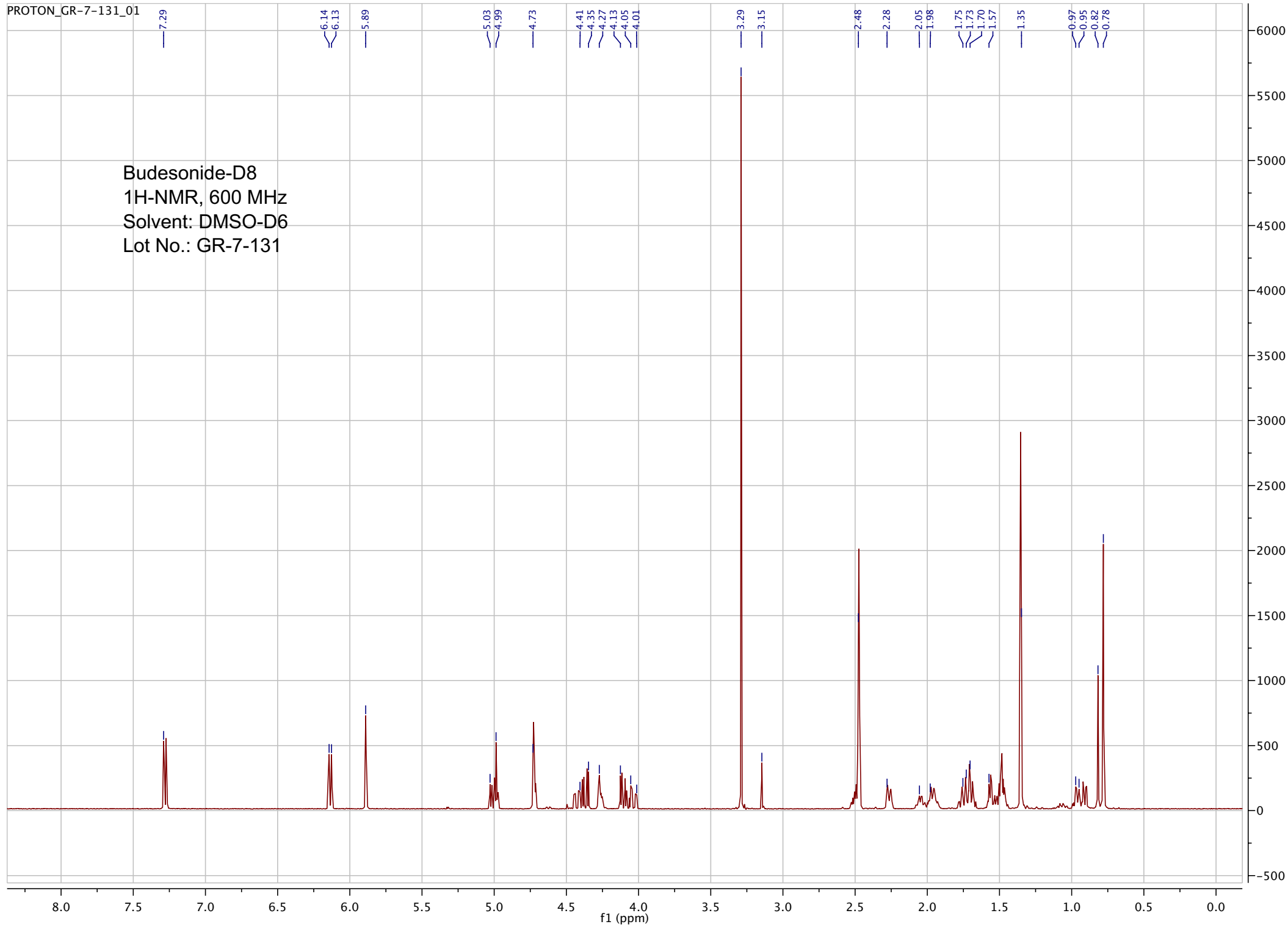
Approved by:

Date: 11/27/2019



Viorica Rusu, QC/QA Manager

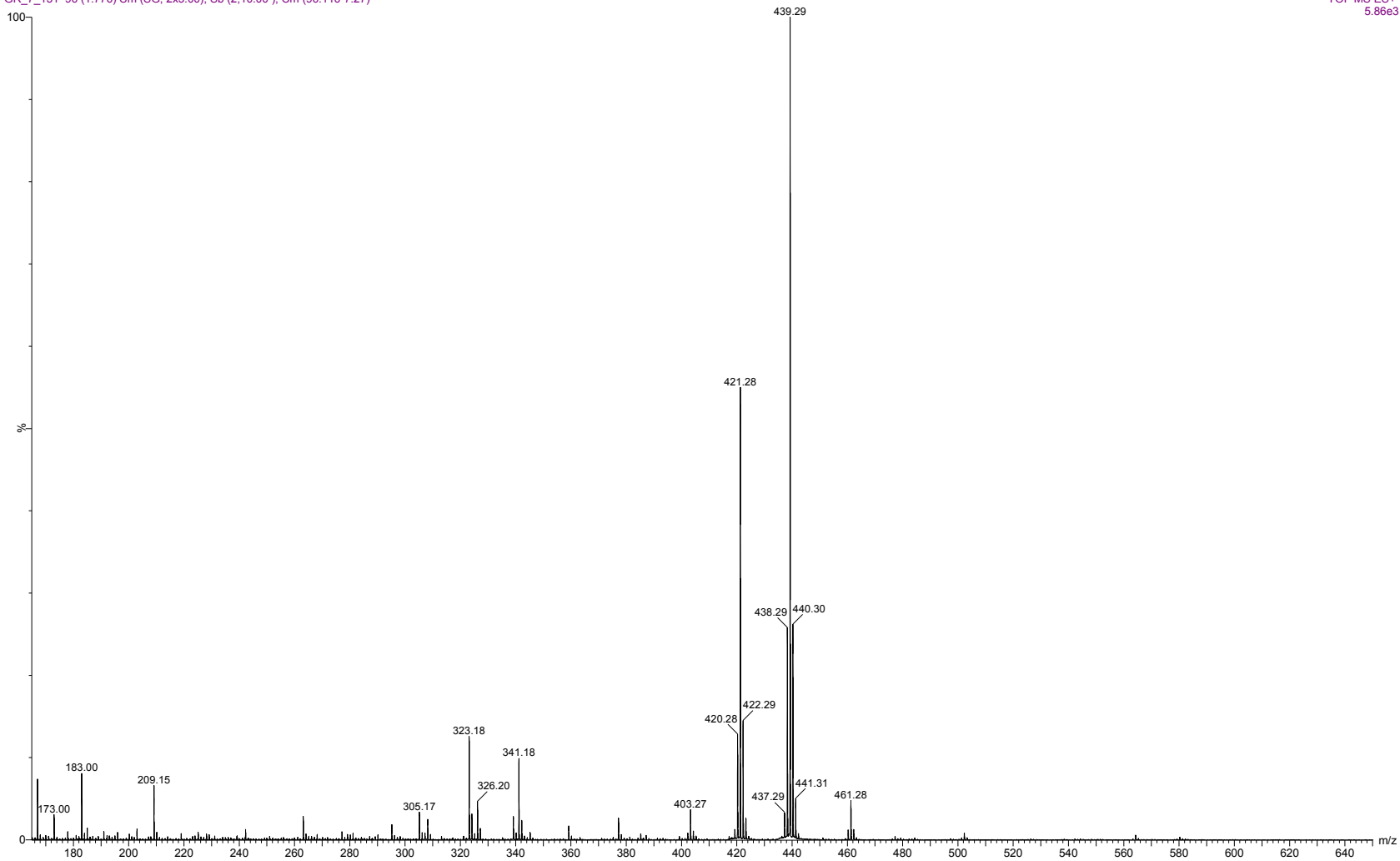
Budesonide-D8
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-7-131



GR_7_131 96 (1.776) Sm (SG, 2x5.00); Sb (2,10.00); Cm (96:116-7:27)

7.00000000

TOF MS ES+
5.86e3

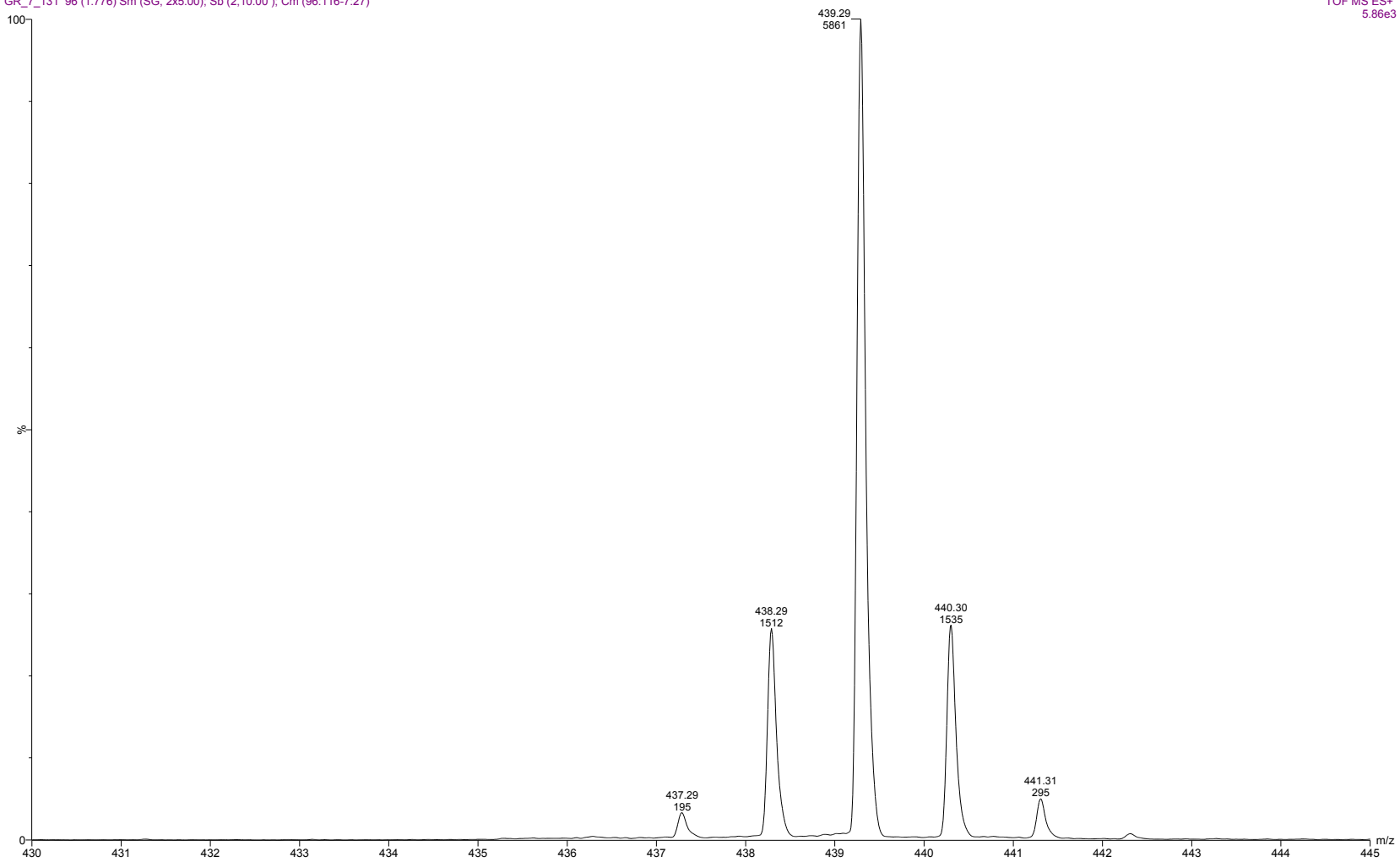


ESI-MS spectrum for sample GR-7-131. Shows monoisotopic [M+H]⁺ mass.

GR_7_131_96 (1.776) Sm (SG, 2x5.00); Sb (2,10.00); Cm (96:116-7:27)

7.0000000

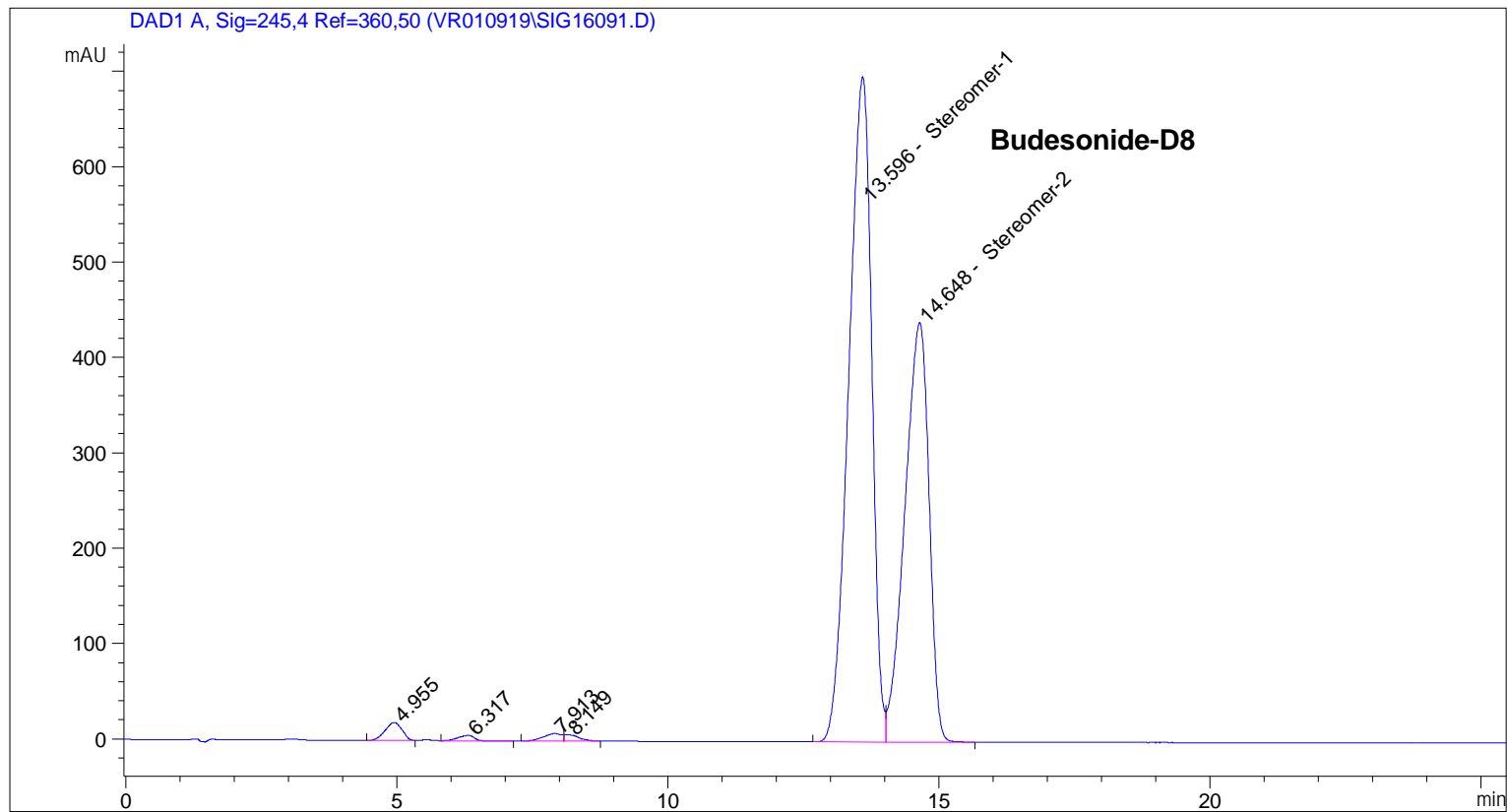
TOF MS ES+
5.86e3



Expansion of the above.

```

=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 66
Injection Date  : 11/27/2019 1:32:19 PM
                                           Inj Volume : 35.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR112719_131.M
Last changed    : 11/27/2019 1:24:59 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR112719_131PM.M
Last changed    : 11/27/2019 2:54:27 PM by rirusu
  
```



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

```

Sorted By           :      Signal
Calib. Data Modified :      11/27/2019 2:51:42 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=245,4 Ref=360,50

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	4.955	BB	0.3196	401.43872	1.1481	?
2	6.317	BB	0.3194	117.05132	0.3348	?
3	7.913	BV	0.3304	186.96437	0.5347	?
4	8.149	VB	0.2823	124.64899	0.3565	?
5	13.596	VV	0.4726	2.04791e4	58.5678	Stereomer-1
6	14.648	VB	0.4983	1.36572e4	39.0582	Stereomer-2

Totals : 3.49664e4

=====

*** End of Report ***