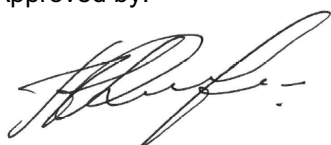


Name:	6α-Methylprednisolone-21-Acetate-D6 (major)
Lot#:	GR-9-291
Test Date:	02/12/2022 (re-test date: 02/12/2027)
CAS No.:	53-36-1 (unlabeled)
MF:	C ₂₄ H ₂₆ D ₆ O ₆
MW:	422.55
Appearance:	White Solid
Purity:	99.2% by HPLC; >98% atom D
¹H-NMR:	Conforms
MS-ESI (+)	Conforms (shows peaks at m/z = 405.10 [M-H ₂ O+H] ⁺ , 423.14 [M+H] ⁺)
Storage	Store at 0-8°C in a dry place away from direct sunlight

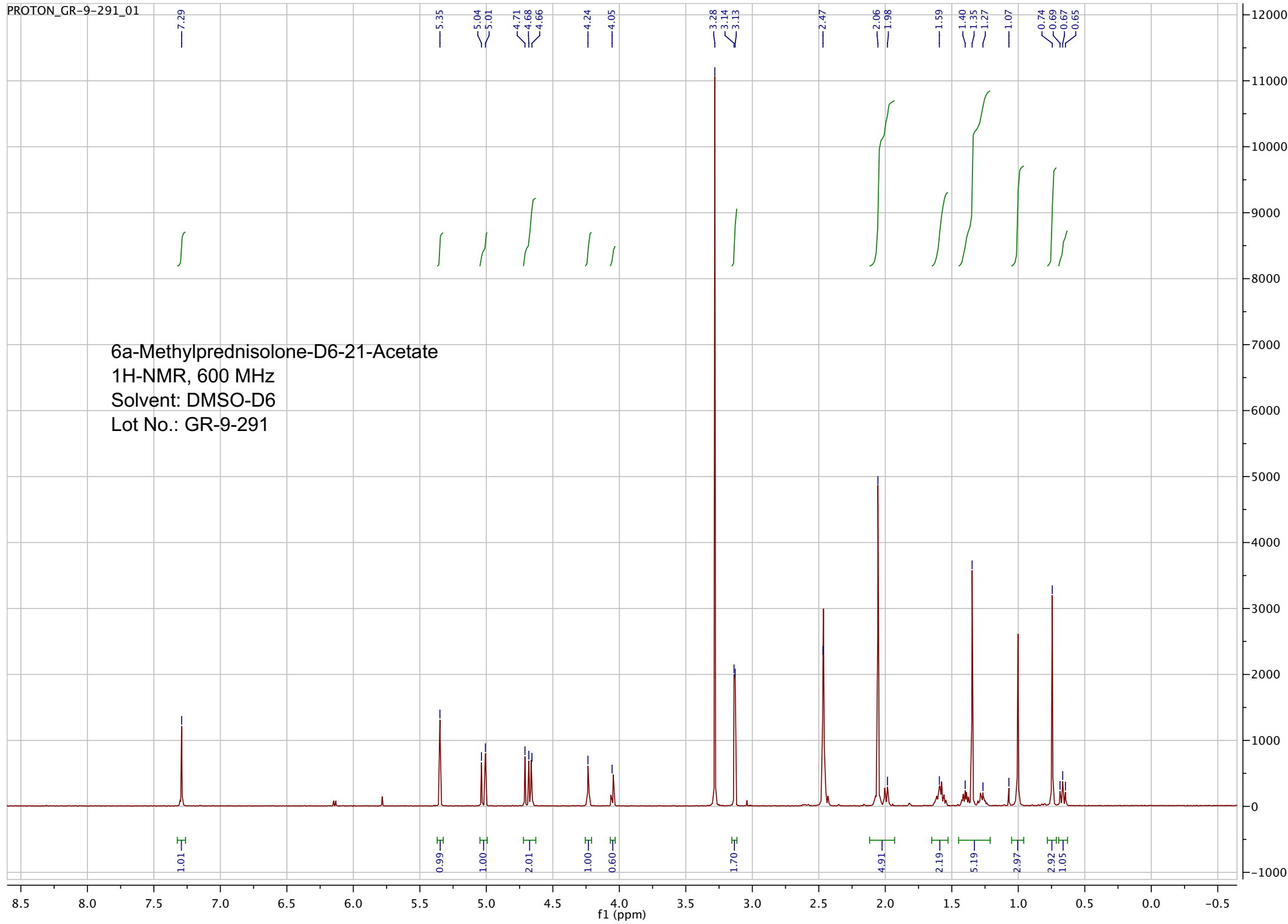
Approved by:

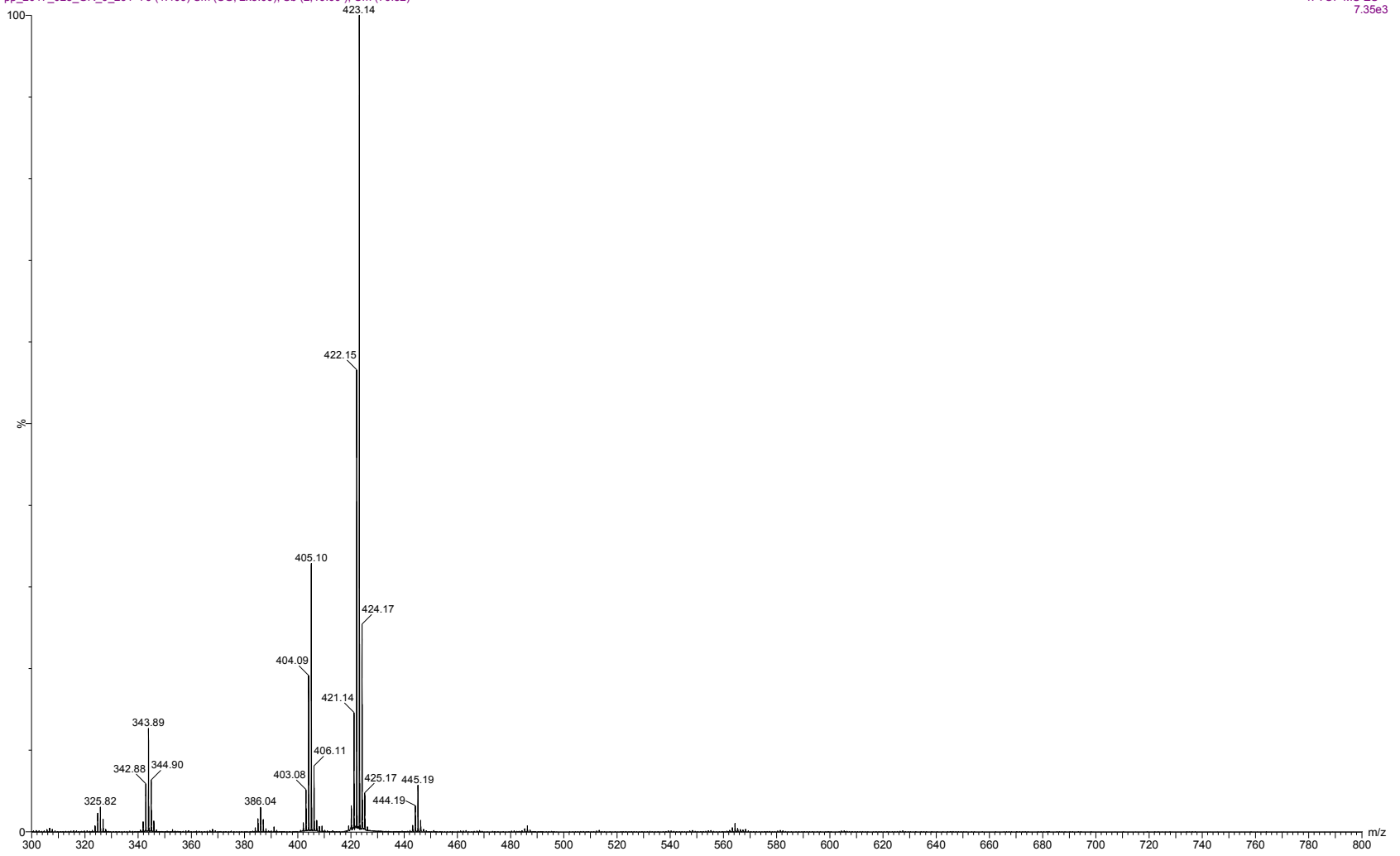
Date: 02/12/2022



Viorica Rusu, QC/QA Manager

6a-Methylprednisolone-D6-21-Acetate
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-9-291



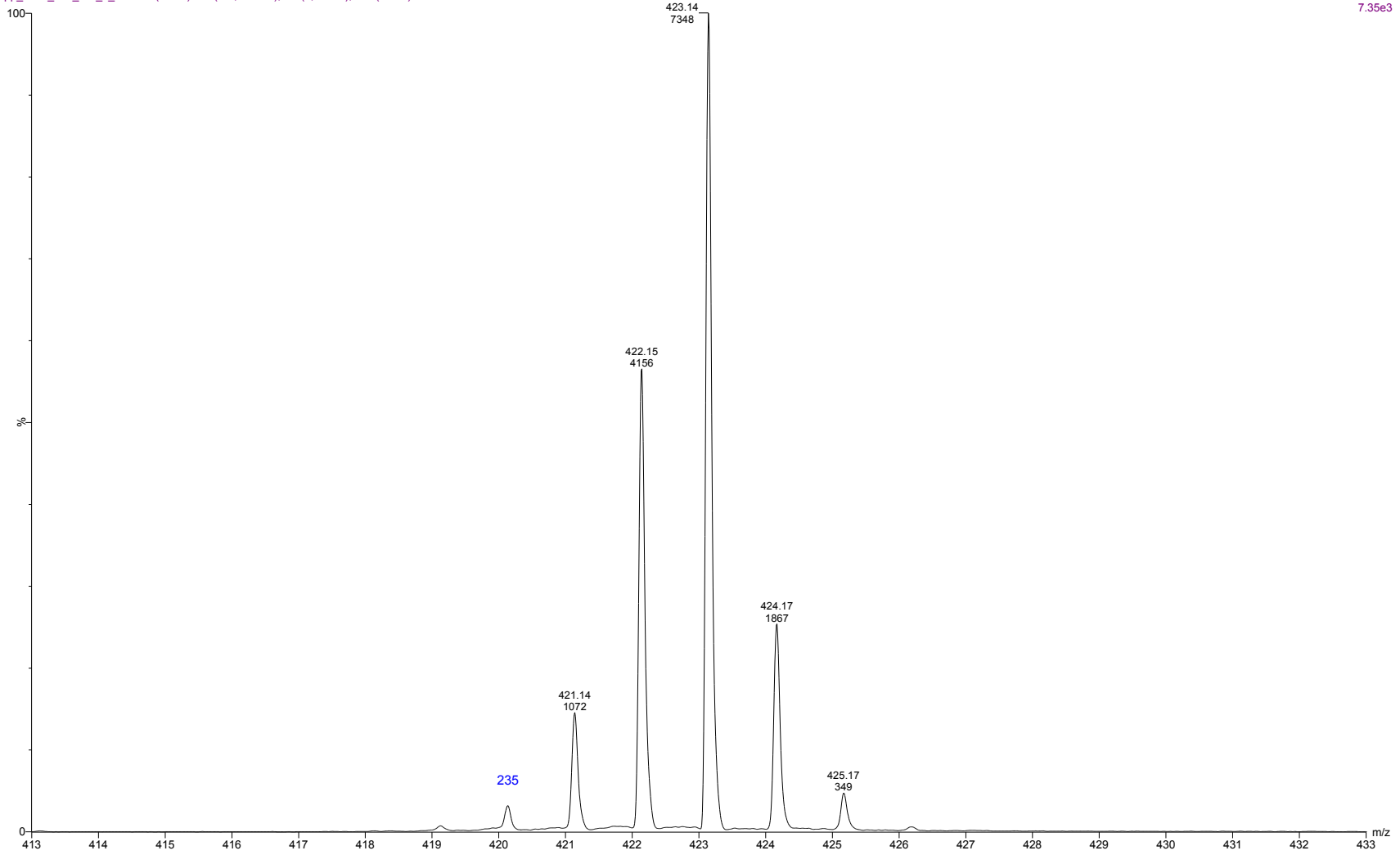


pp_2017_028_GR_9_291 76 (1.406) Sm (SG, 2x5.00); Sb (2,10.00); Cm (76.82)

7.0000000

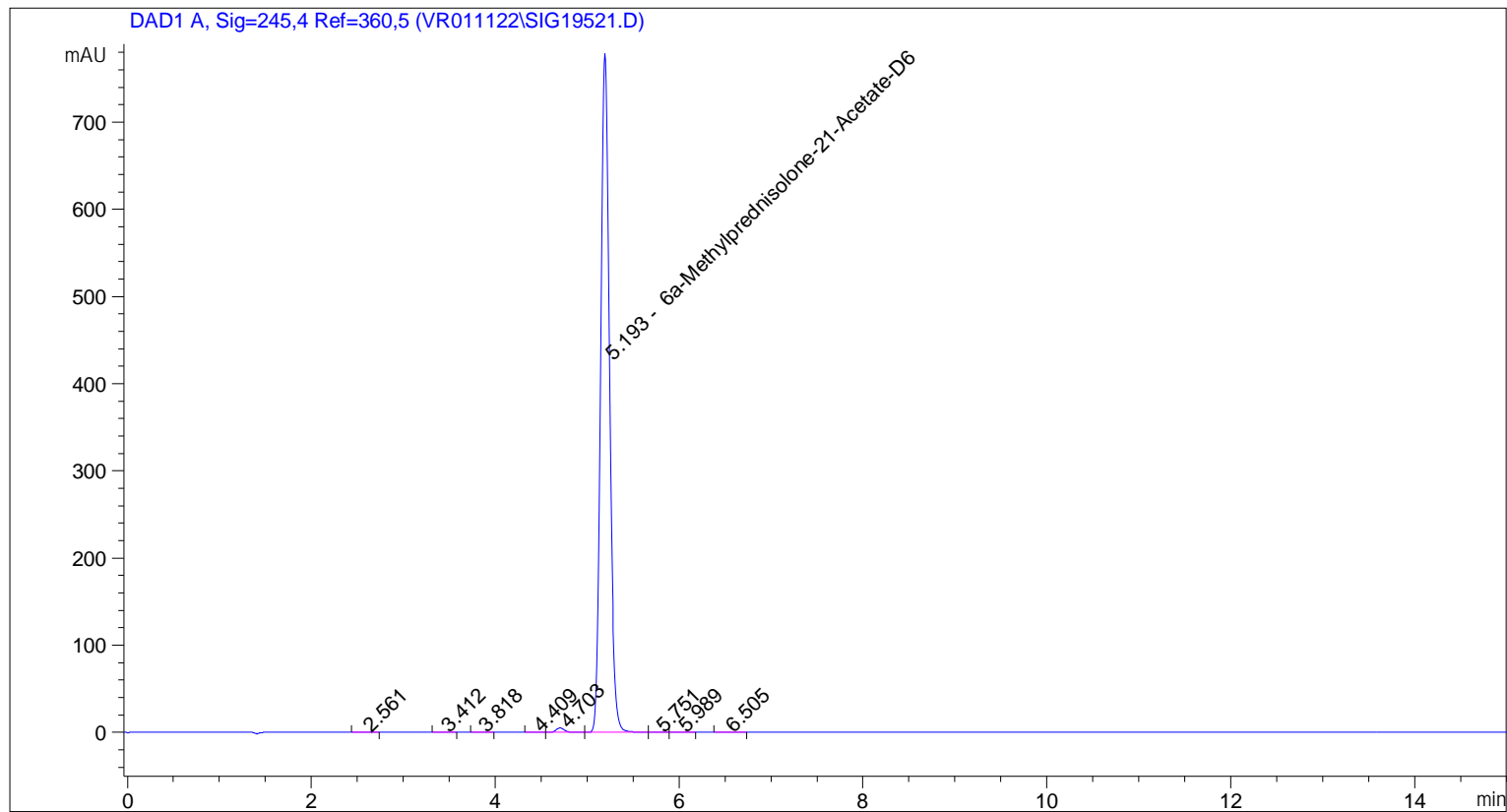
04-Apr-2017, 18:02:55

1: TOF MS ES+
7.35e3



```

=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 11
Injection Date  : 2/12/2022 10:29:43 AM
                                           Inj Volume : 5.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR021222_291.M
Last changed    : 2/12/2022 10:28:51 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR021222_291PM.M
Last changed    : 2/12/2022 11:07:55 AM by vrusu
  
```



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

```

Sorted By           :      Signal
Calib. Data Modified :      2/12/2022 11:07:09 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=245,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.561	BB	0.0713	1.76849	0.0342	?
2	3.412	BB	0.0777	1.39065	0.0269	?
3	3.818	BB	0.0767	1.21861	0.0236	?
4	4.409	BB	0.0786	5.22168e-1	0.0101	?
5	4.703	BB	0.0967	31.76455	0.6143	?
6	5.193	BV	0.1028	5128.04932	99.1706	6a-Methylprednisolone-21-Acetate-D6
7	5.751	VV	0.1219	2.89603	0.0560	?
8	5.989	VB	0.1181	1.90750	0.0369	?

Sample Name: GR-9-291

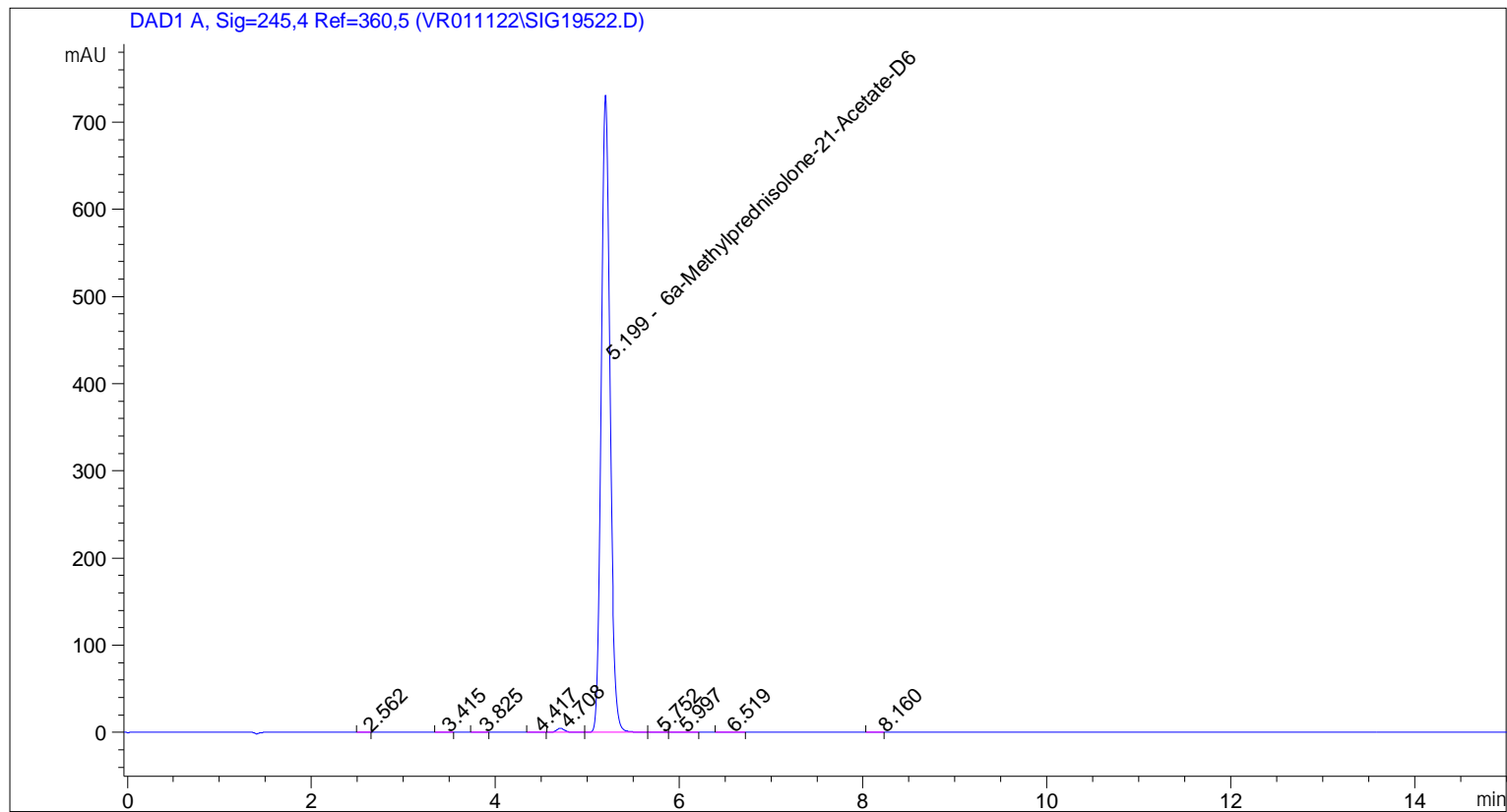
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	6.505	BB	0.1165	1.42126	0.0275	?

Totals : 5170.93858

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

```

=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 12
Injection Date  : 2/12/2022 10:47:41 AM
                                           Inj Volume : 5.0 µl
Acq. Method    : C:\CHEM32\1\METHODS\VR021222_291.M
Last changed   : 2/12/2022 10:46:54 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR021222_291PM.M
Last changed   : 2/12/2022 11:07:55 AM by vrusu
  
```



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

```

Sorted By      : Signal
Calib. Data Modified : 2/12/2022 11:07:09 AM
Multiplier:    : 1.0000
Dilution:      : 1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=245,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.562	BB	0.0629	1.00746	0.0208	?
2	3.415	BB	0.0740	1.09921	0.0227	?
3	3.825	BB	0.0843	5.76663e-1	0.0119	?
4	4.417	BB	0.0986	5.27859e-1	0.0109	?
5	4.708	BB	0.0961	28.92039	0.5961	?
6	5.199	BV	0.1028	4813.46729	99.2180	6a-Methylprednisolone-21-Acetate-D6
7	5.752	VV	0.1244	2.84715	0.0587	?
8	5.997	VB	0.1155	1.44352	0.0298	?

Sample Name: GR-9-291 spl-2

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	6.519	BB	0.0991	1.11046	0.0229	?
10	8.160	BB	0.0835	4.05979e-1	8.368e-3	?

Totals : 4851.40597

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