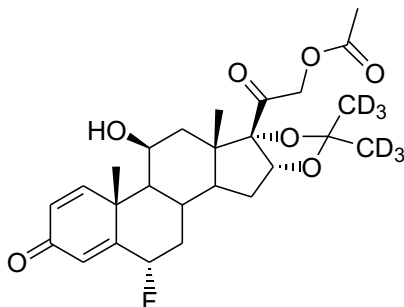




Name: Flunisolide Acetate-D6

Lot#: GR-15-017

Test Date: 05/14/2025 (re-test date: 05/14/2030)

CAS No.: 4533-89-5 (unlabelled)

MF: C₂₆H₂₇D₆FO₇

MW: 482.57

Appearance: White Solid

Purity: 97.6% by HPLC (average of two sample preparations); 99% atom D

¹H-NMR: Conforms (contains a trace of EtOAc)

MS-ESI (+) Conforms (shows peak at m/z = 483.26 [M+H]⁺)

Storage Store at -18°C in a dry place away from direct sunlight

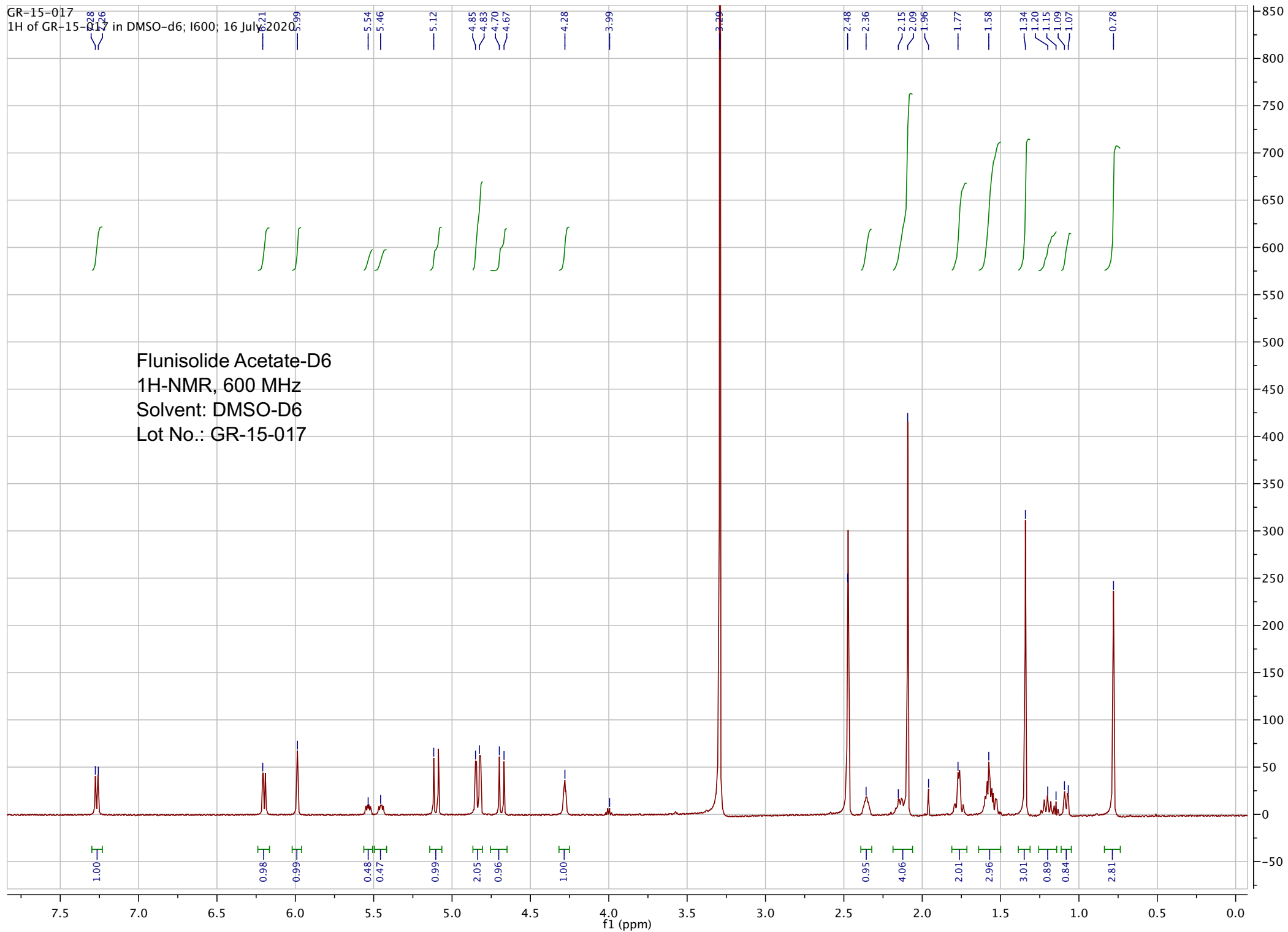
Approved by:

Date: 05/14/2025

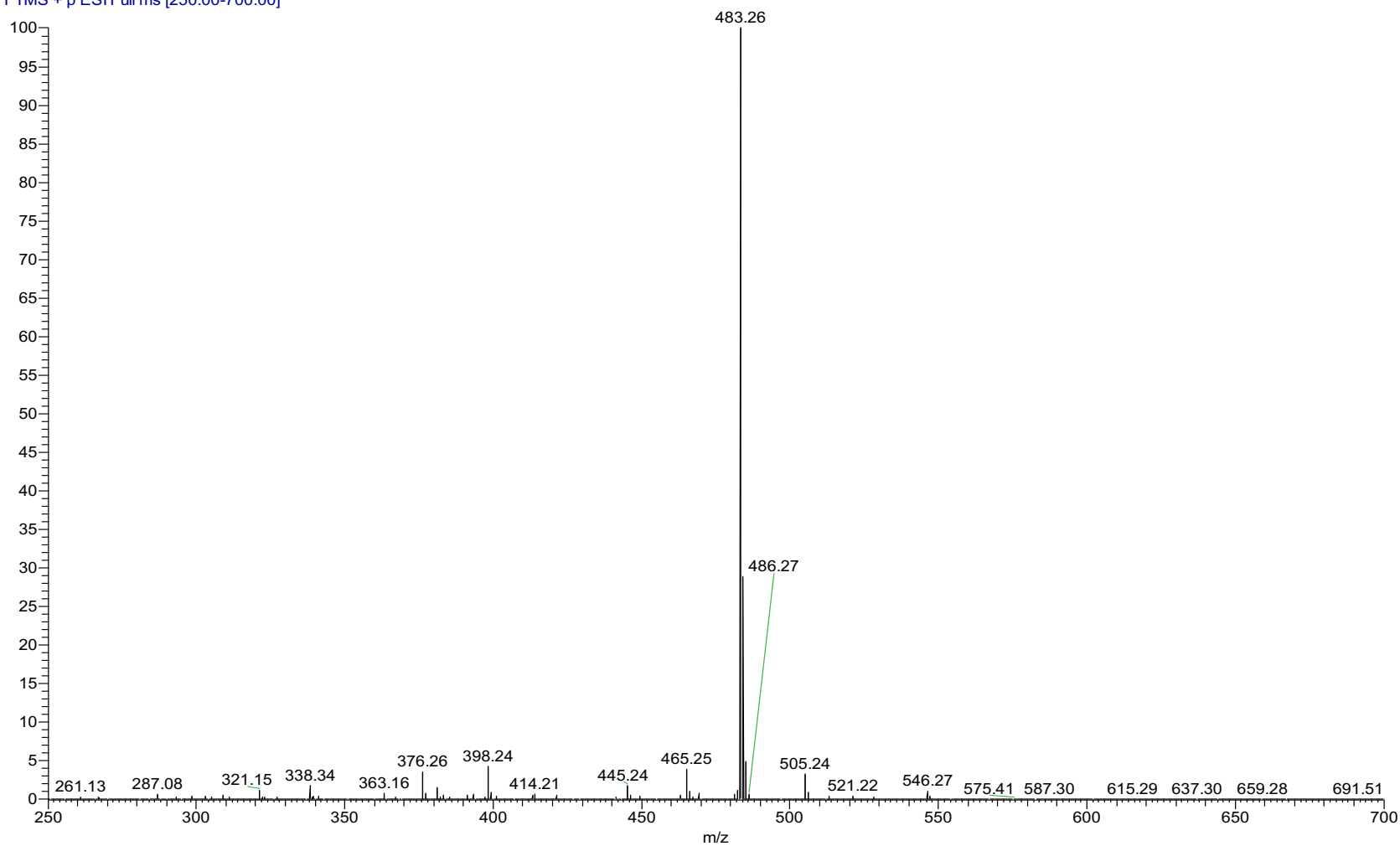
Viorica Rusu, QC/QA Manager

GR-15-017
1H of GR-15-017 in DMSO-d6; l600; 16 July 2020

Flunisolid Acetate-D6
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-15-017

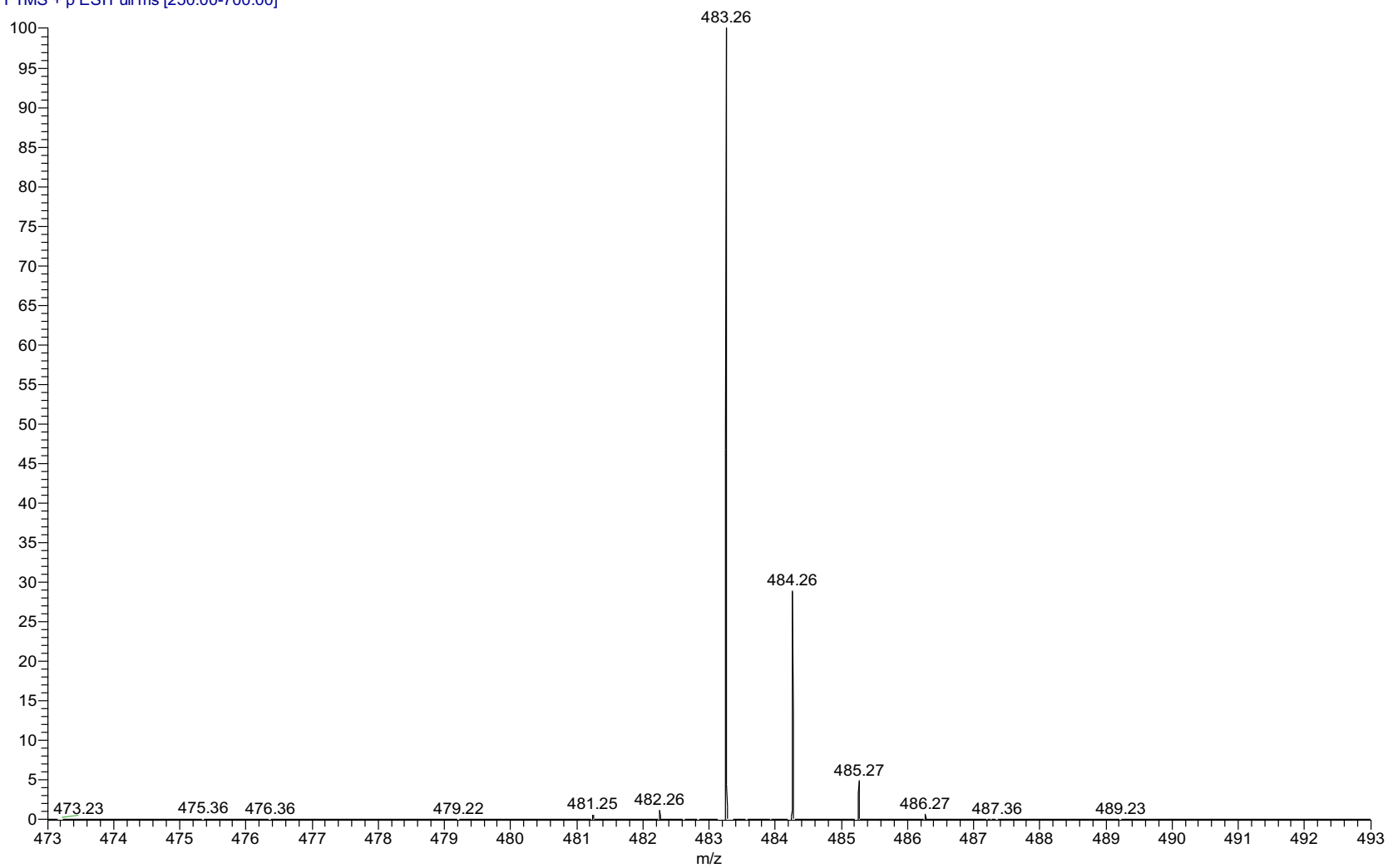


pp_2020_014_GR15017_004 #403 RT: 1.61 AV: 1 NL: 5.19E7
T: FTMS + p ESI Full ms [250.00-700.00]



ESI-MS spectrum for sample GR-15-017. Shows monoisotopic $[M+H]^+$ mass.

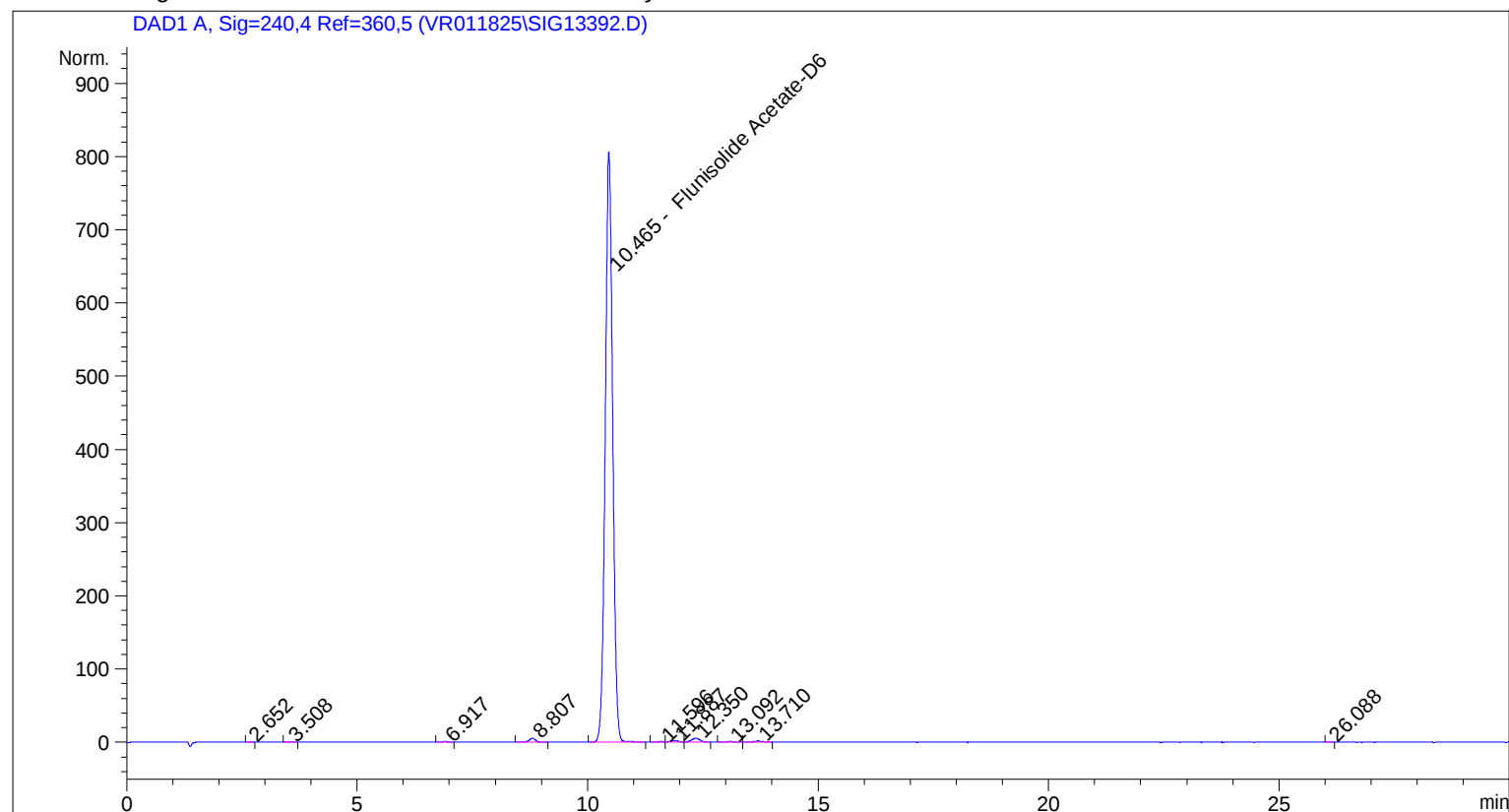
pp_2020_014_GR15017_004 #403 RT: 1.61 AV: 1 NL: 5.19E7
T: FTMS + p ESI Full ms [250.00-700.00]



Expansion of above.

Sample Name: GR-15-017 spl-2

```
=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 11
Injection Date  : 5/14/2025 2:18:54 PM
                                           Inj Volume : 10.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR051425_017.M
Last changed    : 5/14/2025 2:17:45 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR051425_017PM.M
Last changed    : 5/14/2025 3:10:50 PM by vrusu
=====
```



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

```
Sorted By           :      Signal
Calib. Data Modified :      5/14/2025 3:10:29 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: DAD1 A, Sig=240,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.652	BB	0.0686	2.78025	0.0298	?
2	3.508	BB	0.0879	2.54467	0.0273	?
3	6.917	BB	0.1349	8.55598	0.0917	?
4	8.807	BB	0.1547	56.52866	0.6062	?
5	10.465	BB	0.1758	9106.08008	97.6487	Flunisolid Acetate-D6
6	11.596	BV	0.1455	8.52527	0.0914	?
7	11.887	VV	0.1994	29.32910	0.3145	?
8	12.350	VB	0.2051	73.74593	0.7908	?

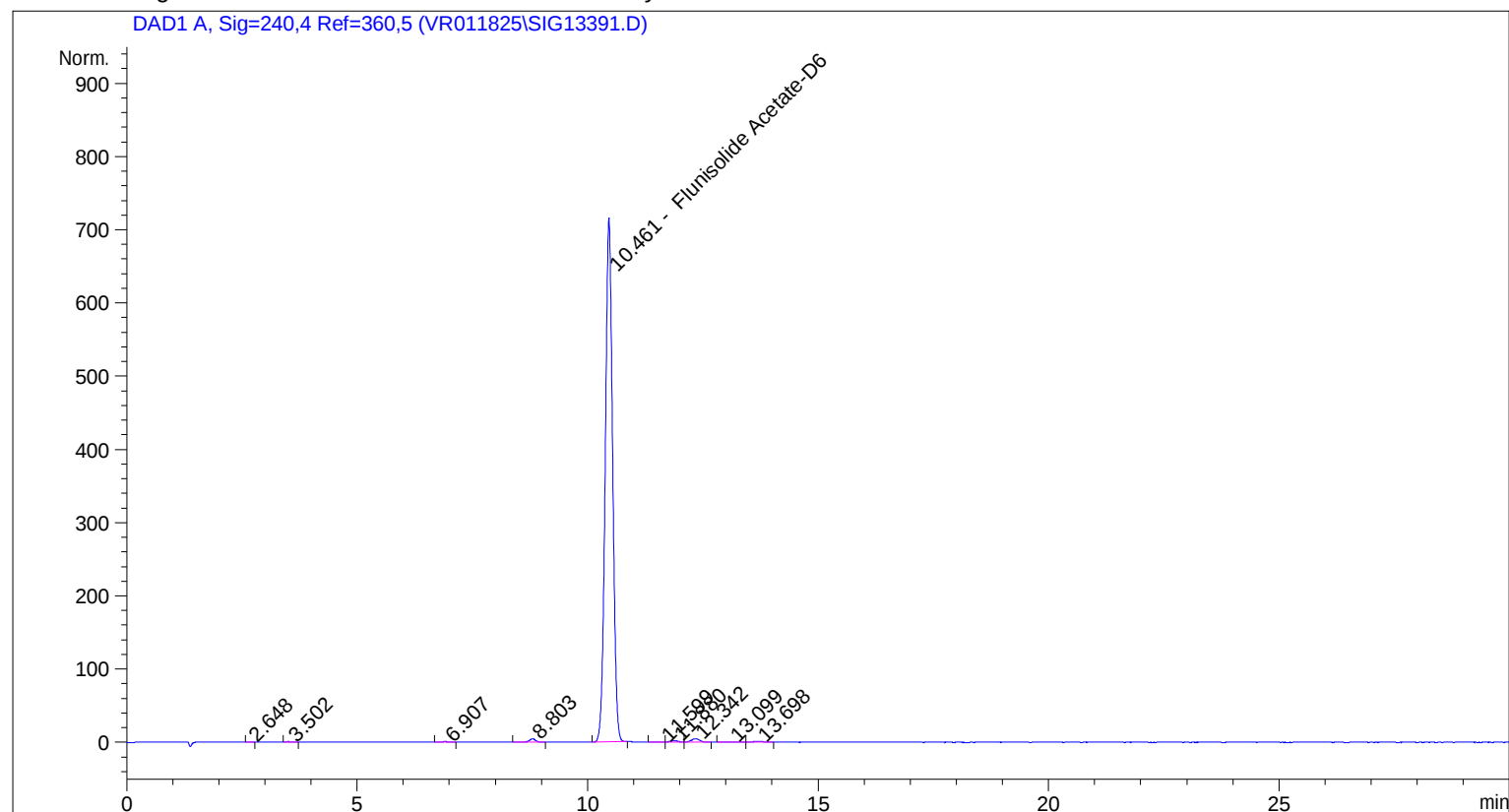
Sample Name: GR-15-017 spl-2

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	13.092	BV	0.1996	12.34087	0.1323	?
10	13.710	VB	0.2067	24.23750	0.2599	?
11	26.088	BB	0.0752	6.75011e-1	7.238e-3	?

Totals : 9325.34332

*** End of Report ***

=====
Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 10
Injection Date : 5/14/2025 1:46:27 PM Inj Volume : 10.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR051425_017.M
Last changed : 5/14/2025 1:45:18 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR051425_017PM.M
Last changed : 5/14/2025 3:10:50 PM by vrusu



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

Sorted By : Signal
Calib. Data Modified : 5/14/2025 3:10:29 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=240,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.648	BV	0.0665	2.35400	0.0286	?
2	3.502	BB	0.0840	5.18348	0.0630	?
3	6.907	BB	0.1456	8.05283	0.0978	?
4	8.803	BB	0.1587	49.19043	0.5975	?
5	10.461	BB	0.1748	8037.85986	97.6395	Flunisolid Acetate-D6
6	11.599	BV	0.1658	7.67455	0.0932	?
7	11.880	VV	0.1799	25.66022	0.3117	?
8	12.342	VB	0.1981	64.34189	0.7816	?

Sample Name: GR-15-017

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	13.099	BB	0.1803	10.43940	0.1268	?
10	13.698	BB	0.2060	21.41988	0.2602	?

Totals : 8232.17652

*** End of Report ***