

Name: Eplerenone-D3
Lot#: GR-9-051
Test Date: 04/15/2021 (re-test date: 04/15/2026)
CAS No.: 107724-20-9 (*unlabelled*)
MF: C₂₄H₂₇D₃O₆
MW: 417.51
Appearance: White solid
Purity: 99.5% by HPLC (average of two sample preparations); 99% atom D
¹H-NMR: Conforms (contains a trace of ACN)
MS-ESI (+) Conforms (shows peak at m/z = 418.23 [M+H]⁺)
Storage Store at -18°C in a dry place away from direct sunlight

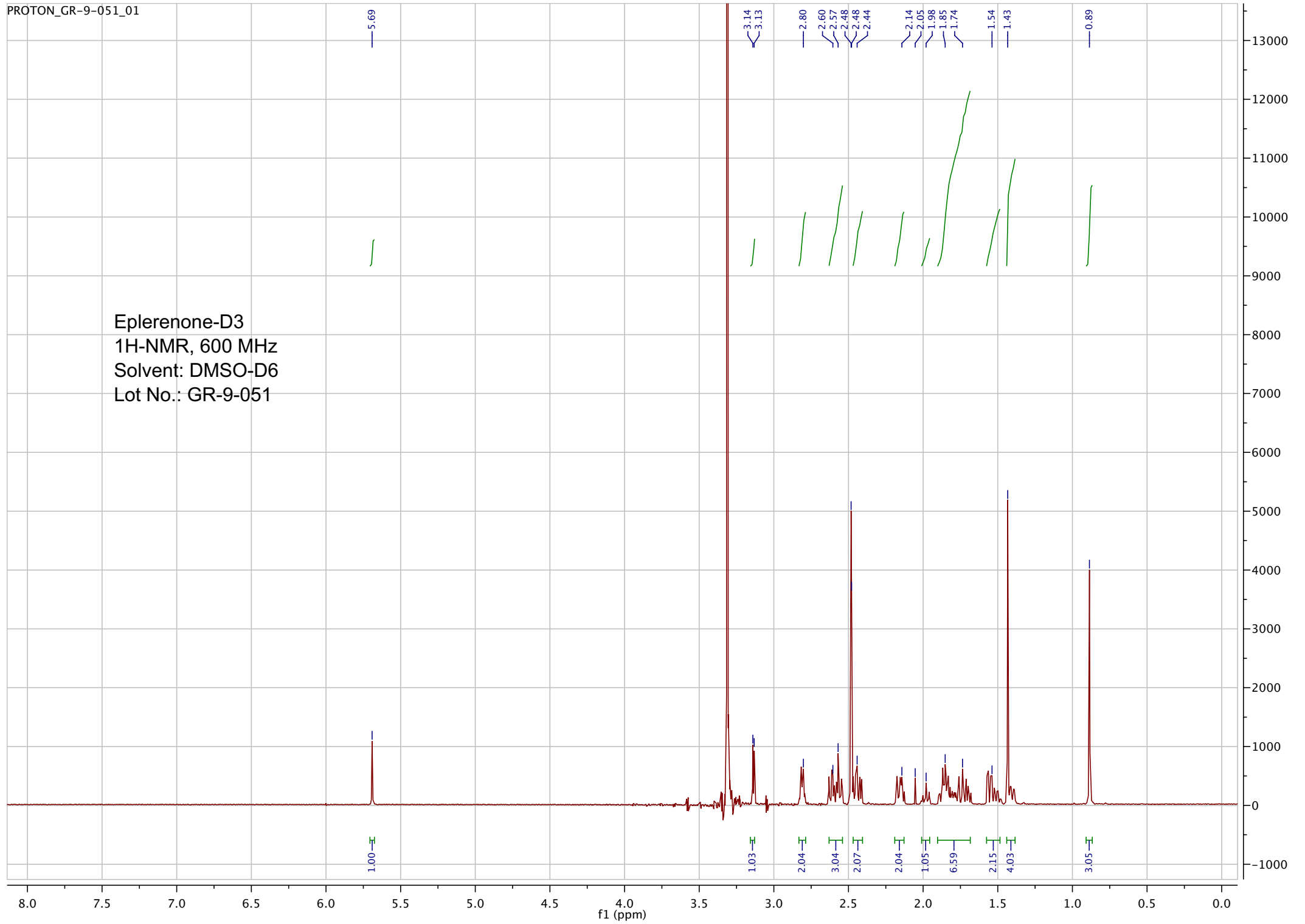
Approved by:

Date: 04/15/2021



Viorica Rusu, QC/QA Manager

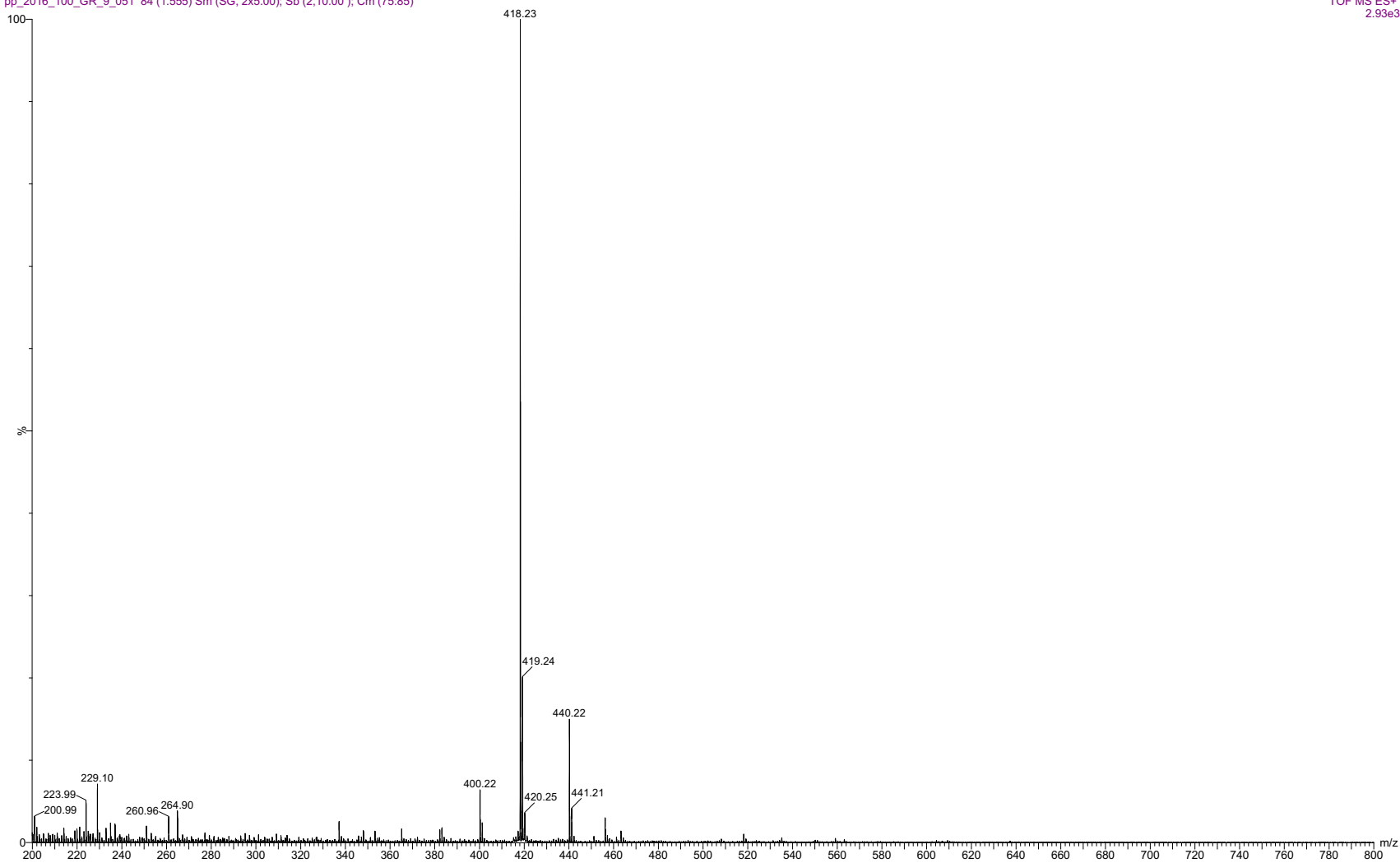
Eplerenone-D3
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-9-051



pp_2016_100_GR_9_051 84 (1.555) Sm (SG, 2x5.00); Sb (2,10.00); Cm (75:85)

7.00000000

04-Oct-2016, 10:51:38
TOF MS ES+
2.93e3

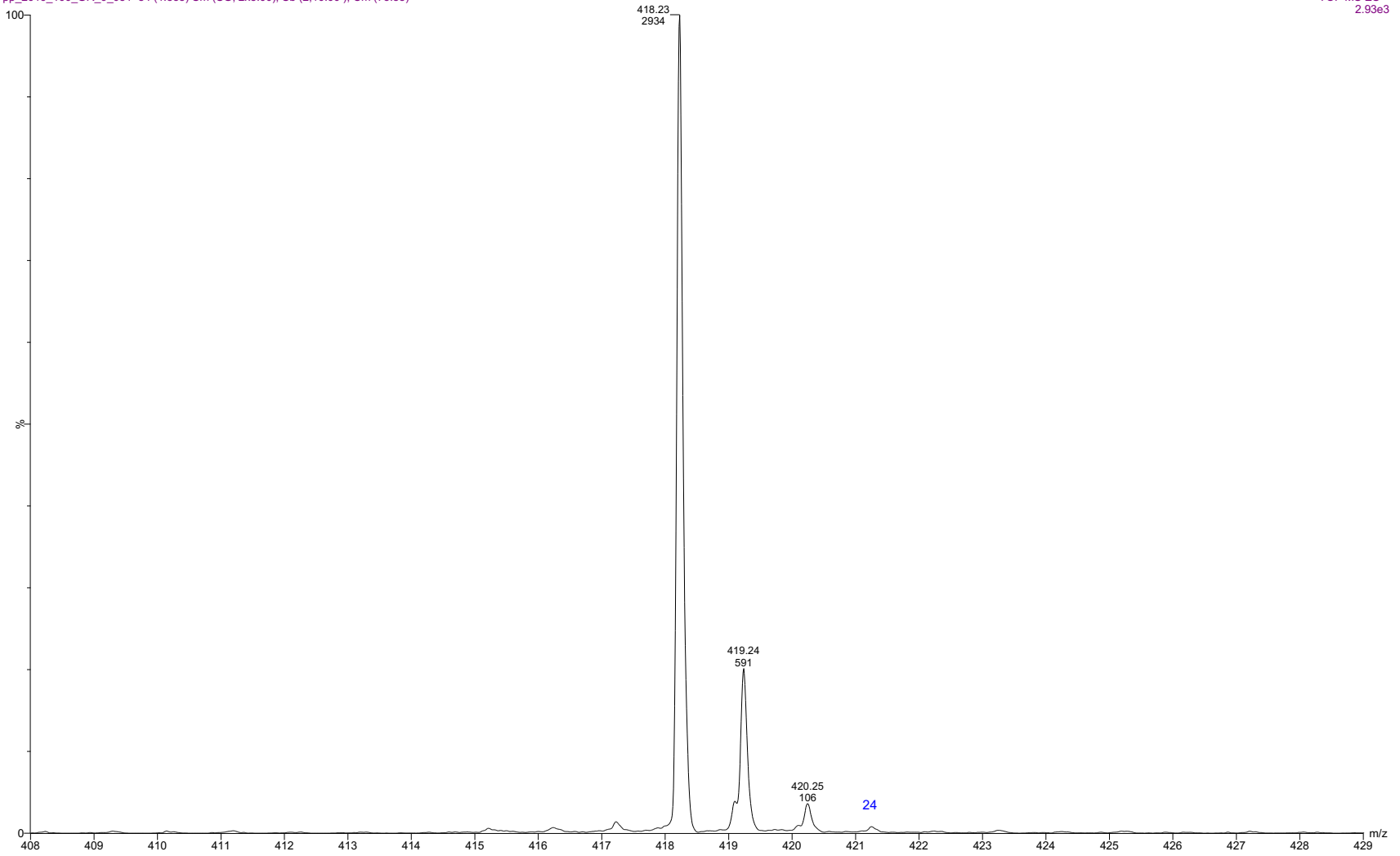


ESI-MS spectrum for sample GR-9-051. Shows monoisotopic [M+H]⁺ mass.

pp_2016_100_GR_9_051 84 (1.555) Sm (SG, 2x5.00); Sb (2,10.00); Cm (75:85)

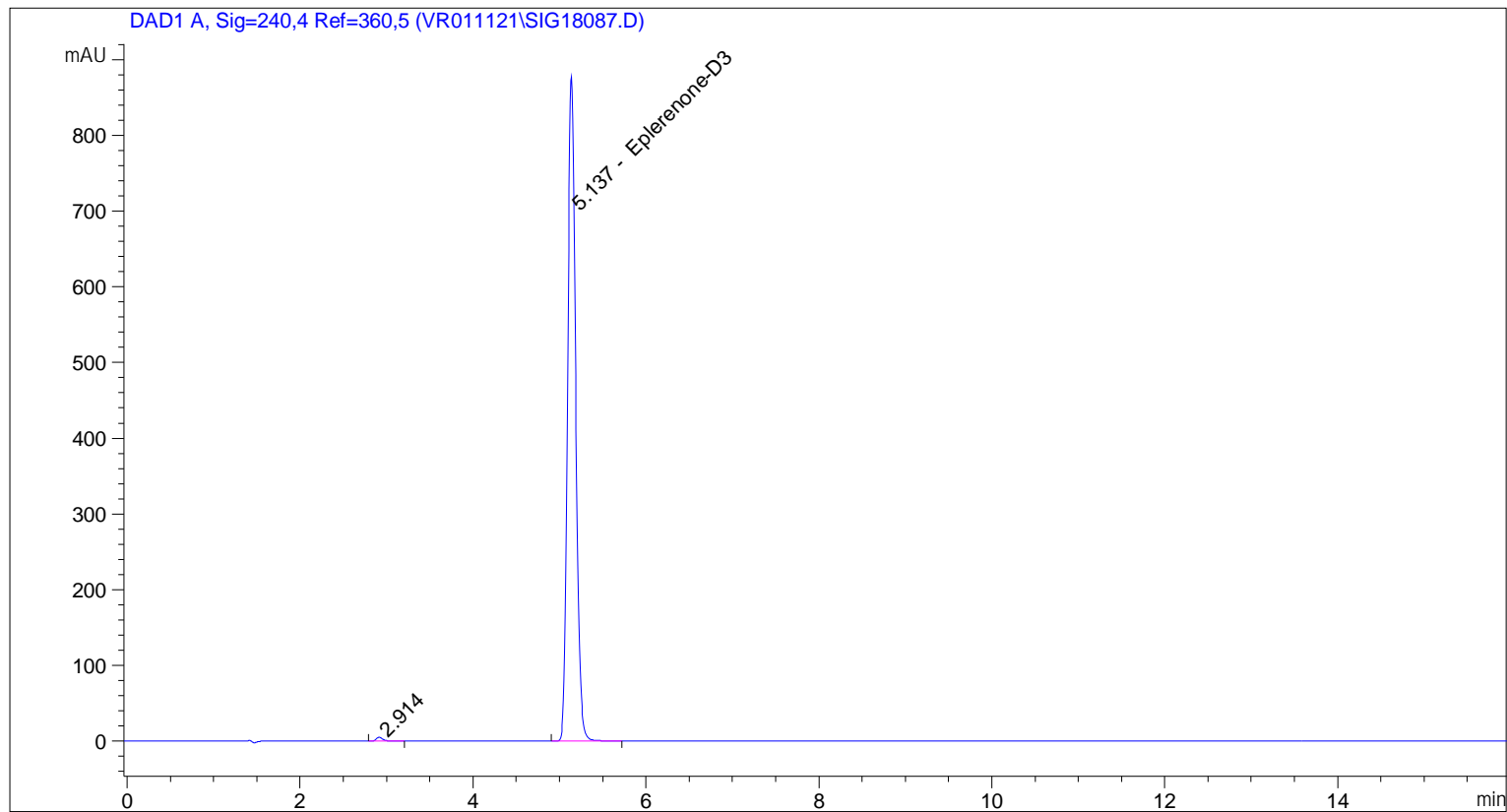
7.00000000

04-Oct-2016, 10:51:38
TOF MS ES+
2.93e3



Expansion of above showing peak intensities.

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 87
Injection Date : 4/15/2021 9:43:43 AM Inj Volume : 4.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR041521_051.M
Last changed : 4/15/2021 9:42:49 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR041521_051PM.M
Last changed : 4/15/2021 12:24:15 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 4/15/2021 12:23:52 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

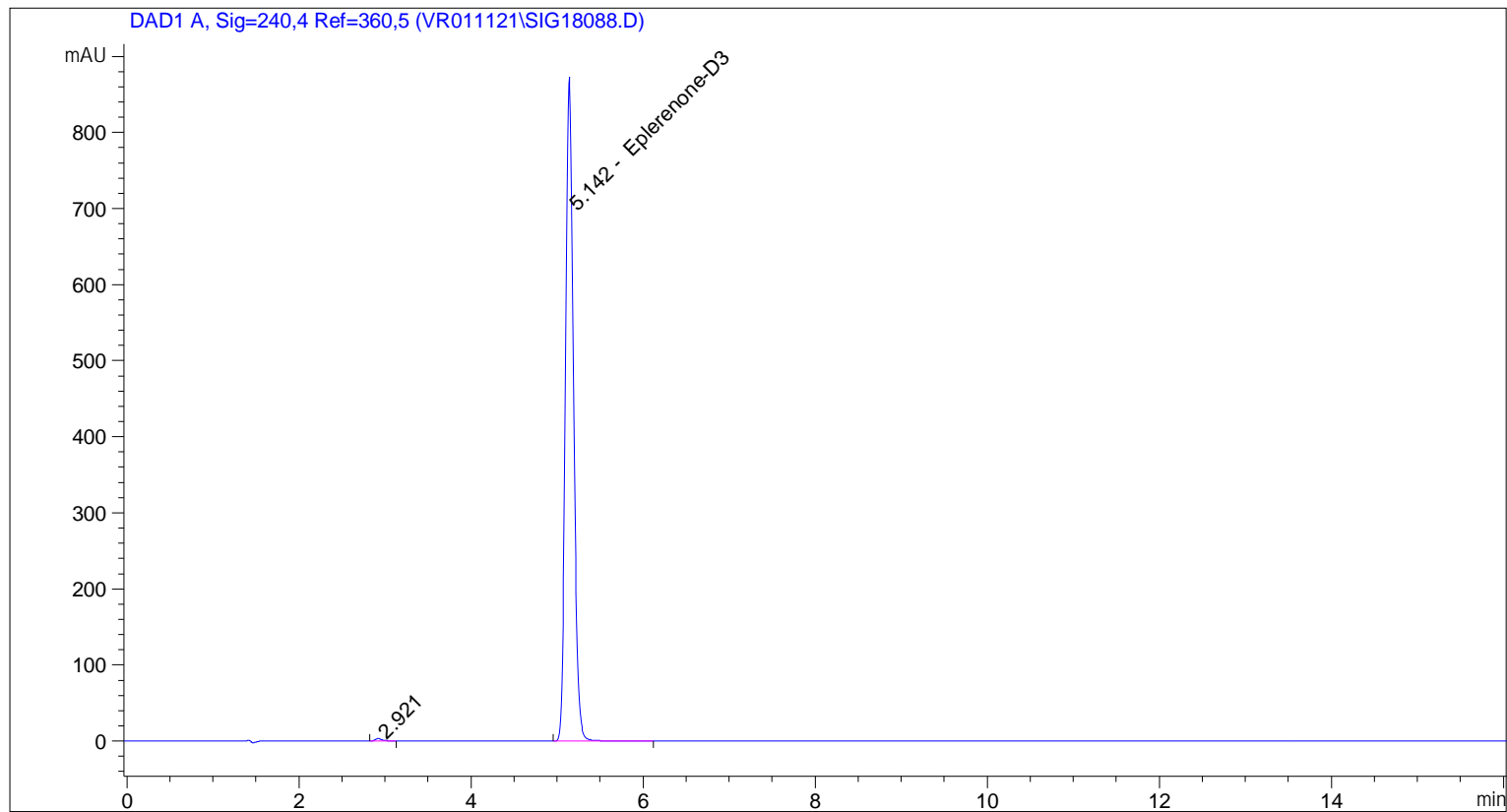
Signal 1: DAD1 A, Sig=240,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.914	BB	0.0795	27.83154	0.4864	?
2	5.137	BB	0.0997	5693.78809	99.5136	Eplerenone-D3

Totals : 5721.61963

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*** End of Report ***

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 88
Injection Date : 4/15/2021 10:01:29 AM Inj Volume : 4.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR041521_051.M
Last changed : 4/15/2021 10:00:32 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR041521_051PM.M
Last changed : 4/15/2021 12:24:15 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 4/15/2021 12:23:52 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	2.921	BB	0.0804	17.73128	0.3123	?
2	5.142	BB	0.1016	5659.36279	99.6877	Eplerenone-D3

Totals : 5677.09407

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*** End of Report ***