

Name:	Finasteride-D9
Lot#:	GR-3-073
Test Date:	03/21/2022 (re-test date: 03/21/2027)
CAS No.:	1131342-85-2
MF:	C ₂₃ H ₂₇ D ₉ N ₂ O ₂
MW:	381.60
Appearance:	Off-white solid
Purity:	98.6% by HPLC (average of two sample preparations); 99% atom D
¹H-NMR:	Conforms (contains some MeOH)
MS-ESI (-)	Conforms (shows peak at m/z = 426.25 [M-H+HCOOH] ⁻)
Storage	Store at -18°C in a dry place away from direct sunlight

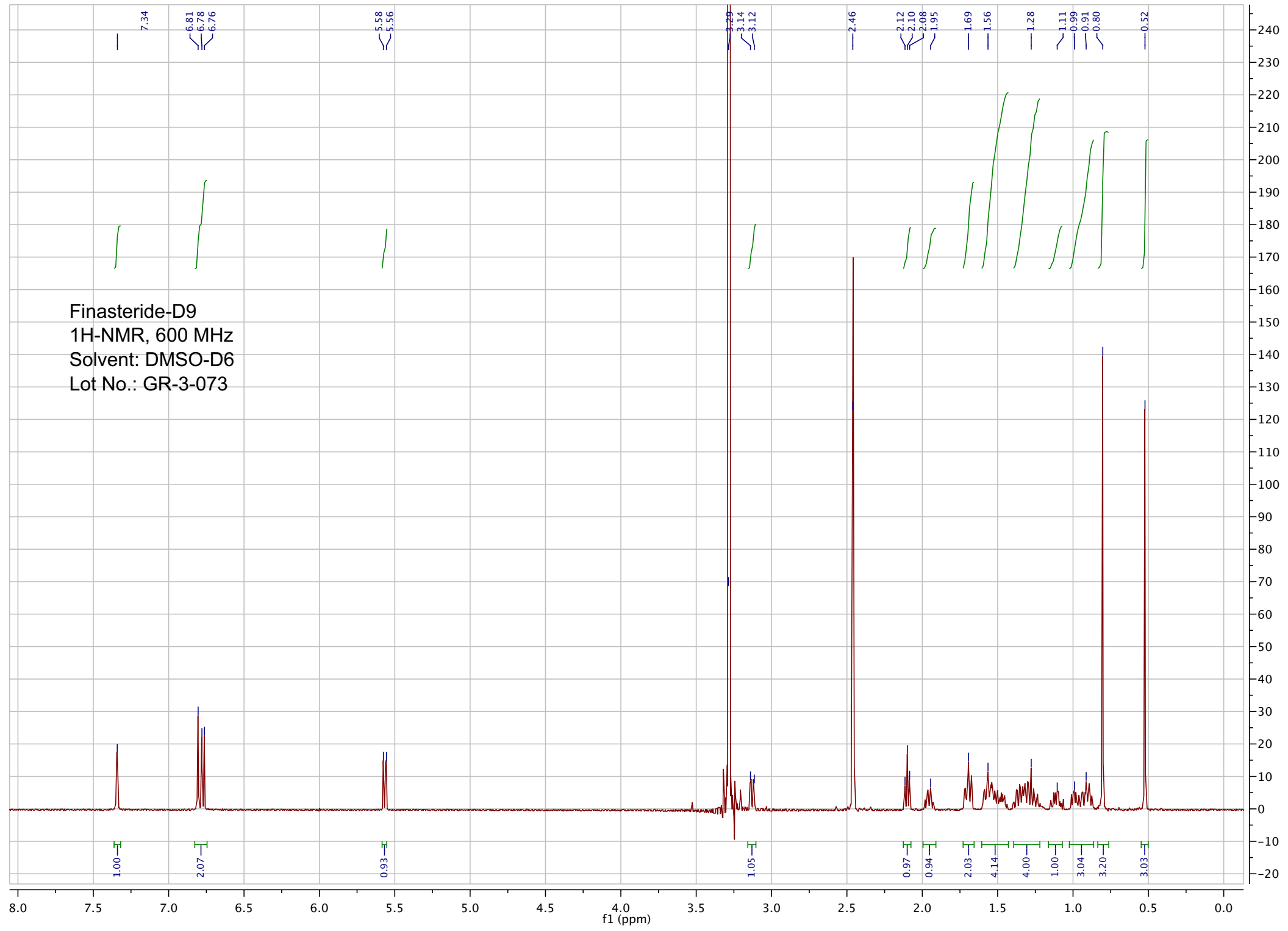
Approved by:

Date: 03/17/2025

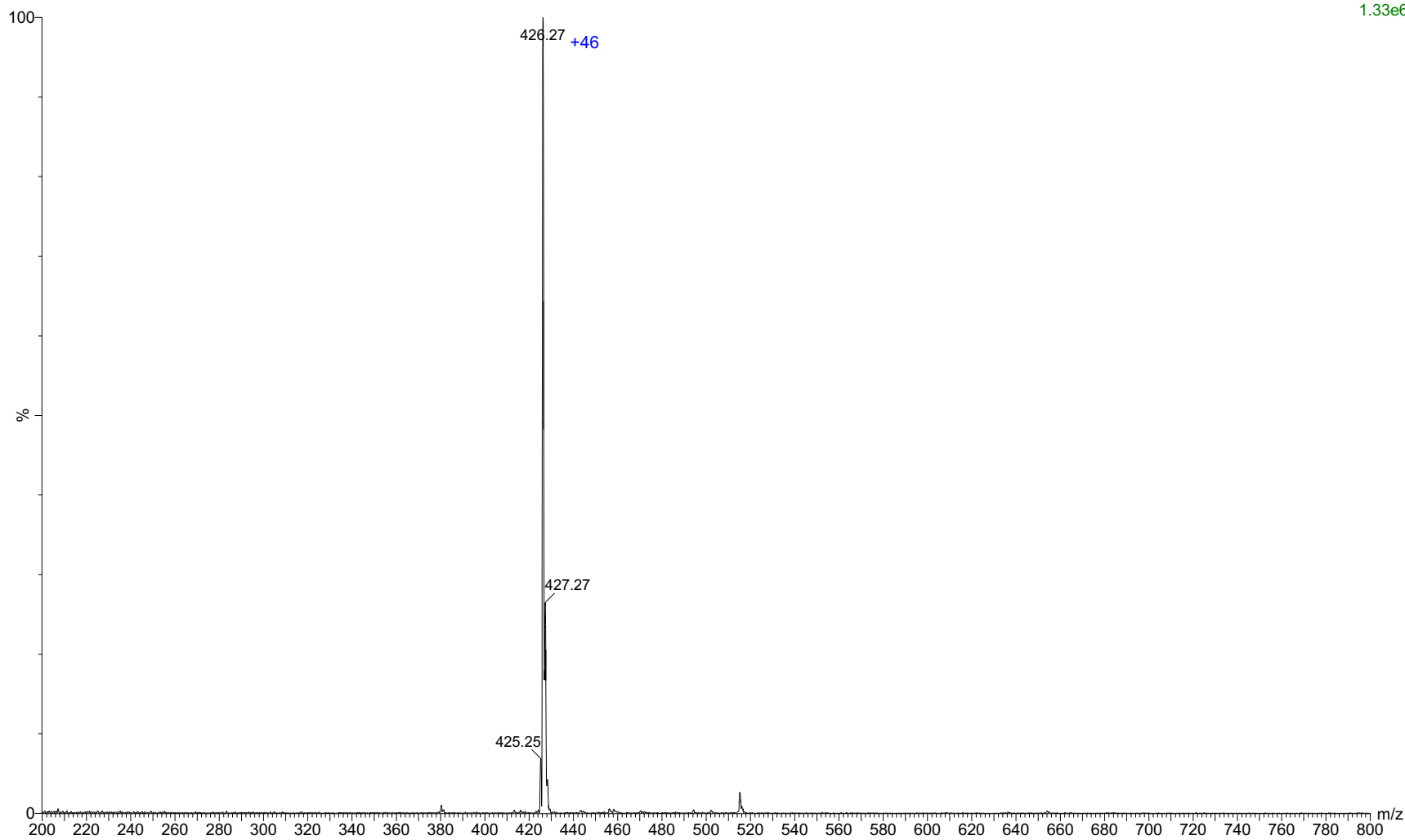


Viorica Rusu, QC/QA Manager

Finasteride-D9
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-3-073



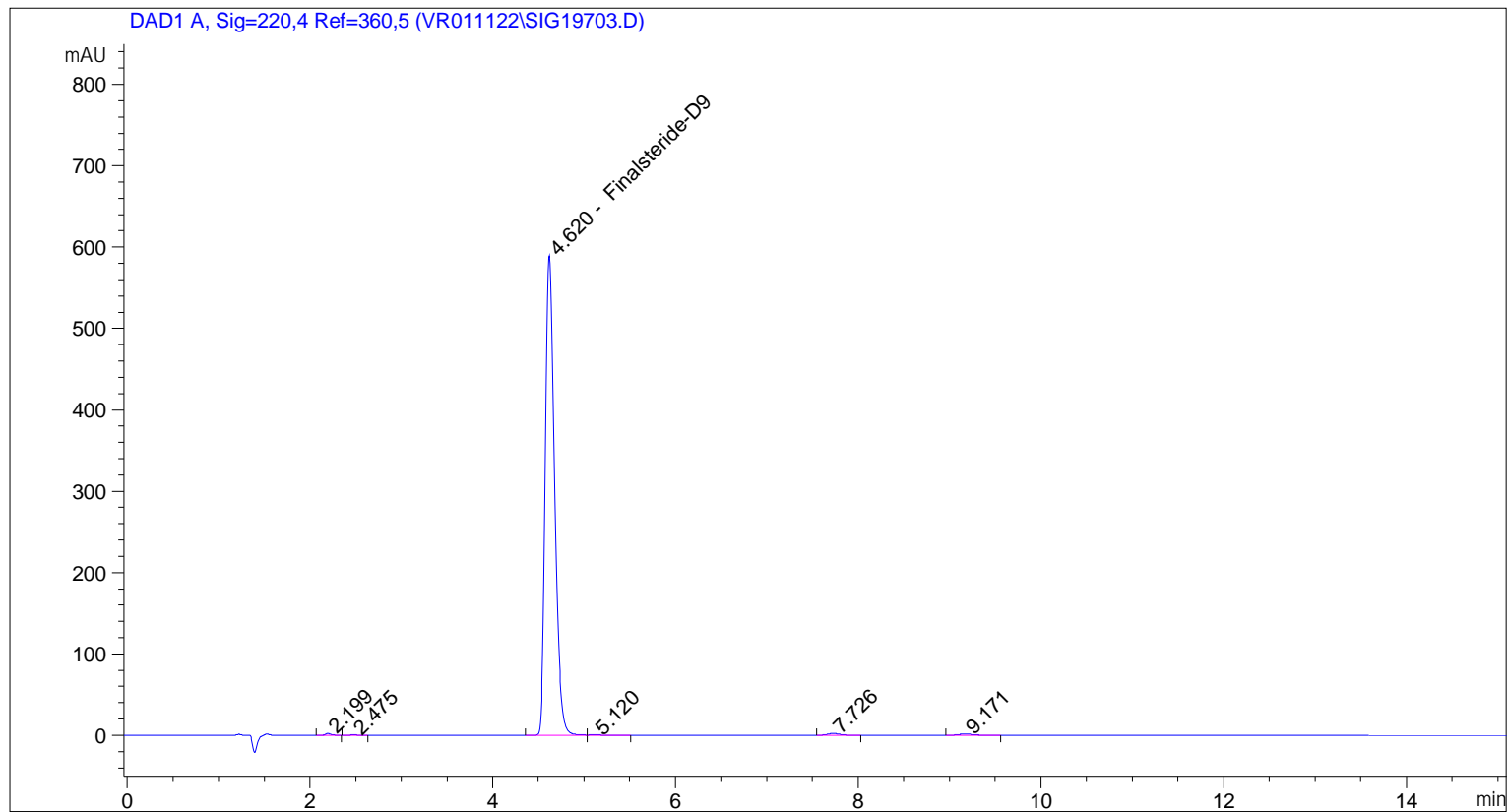
Scan ES-
1.33e6



ESI-MS data for sample GR-3-073. Shows monoisotopic [M-H]⁻ mass.

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 87
Injection Date  : 3/21/2022 1:31:22 PM
                                           Inj Volume : 5.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR032122_073.M
Last changed    : 3/21/2022 1:30:24 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR032122_073PM.M
Last changed    : 3/21/2022 2:07:11 PM by vrusu
  
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 Area Percent Report
 =====

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Sorted By           :      Signal
Calib. Data Modified :      3/21/2022 2:06:54 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

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

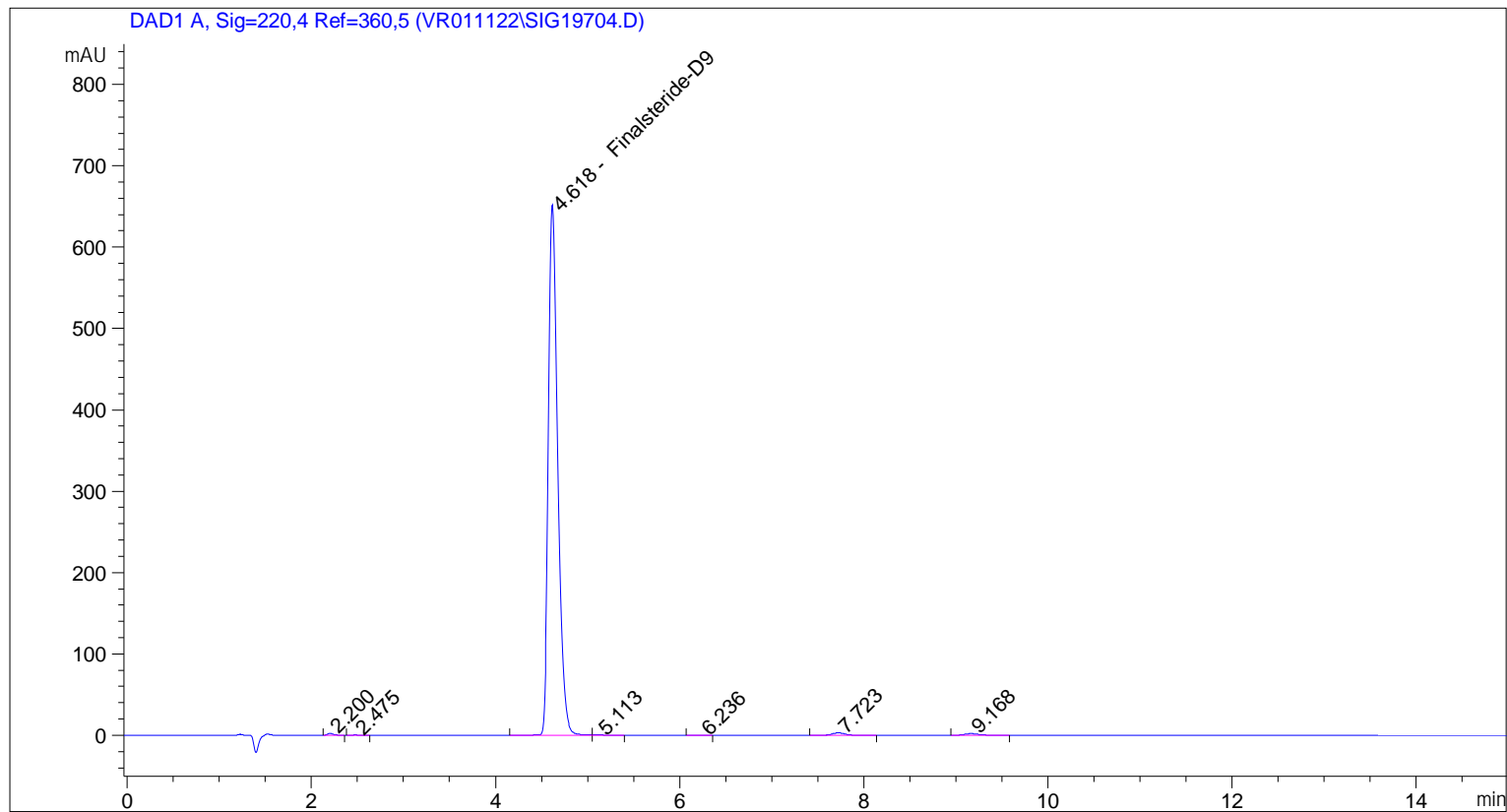
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.199	BB	0.0679	9.11039	0.2179	?
2	2.475	BB	0.0845	2.82516	0.0676	?
3	4.620	BV	0.1076	4124.54736	98.6697	Finalsteride-D9
4	5.120	VB	0.1494	5.23163	0.1252	?
5	7.726	BB	0.1451	21.18731	0.5069	?
6	9.171	BB	0.1701	17.25273	0.4127	?

Totals : 4180.15458

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*** End of Report ***

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 88
Injection Date : 3/21/2022 1:48:11 PM Inj Volume : 5.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR032122_073.M
Last changed : 3/21/2022 1:47:11 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR032122_073PM.M
Last changed : 3/21/2022 2:07:11 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 3/21/2022 2:06:54 PM
Multiplier: : 1.0000
Dilution: : 1.0000
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	2.200	BB	0.0665	10.03723	0.2159	?
2	2.475	BB	0.0738	1.61948	0.0348	?
3	4.618	BV	0.1058	4578.97949	98.4883	Finalsteride-D9
4	5.113	VB	0.1214	4.96040	0.1067	?
5	6.236	BB	0.1138	2.05512	0.0442	?
6	7.723	BB	0.1509	29.04862	0.6248	?
7	9.168	BB	0.1760	22.56393	0.4853	?

Sample Name: GR-3-073 spl-2

Totals : 4649.26427

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*** End of Report ***