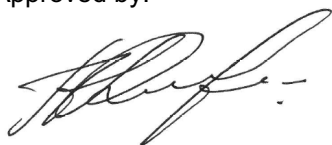


Name:	Deflazacort-D7 (major)
Lot#:	GR-12-155
Test Date:	02/09/2024 (re-test date: 02/09/2029)
CAS No.:	14484-47-0 (unlabeled)
MF:	C ₂₅ H ₂₄ D ₇ NO ₆
MW:	448.57
Appearance:	Off-White Solid
Purity:	97.3% by HPLC (average of two sample preparations); >98% atom D
¹H-NMR:	Conforms (shows mostly the D8 form)
MS-ESI (+)	Conforms (shows peak at m/z = 449.26 [M+H ⁺] ⁺)
Storage	Store at -18°C in a dry place away from direct sunlight

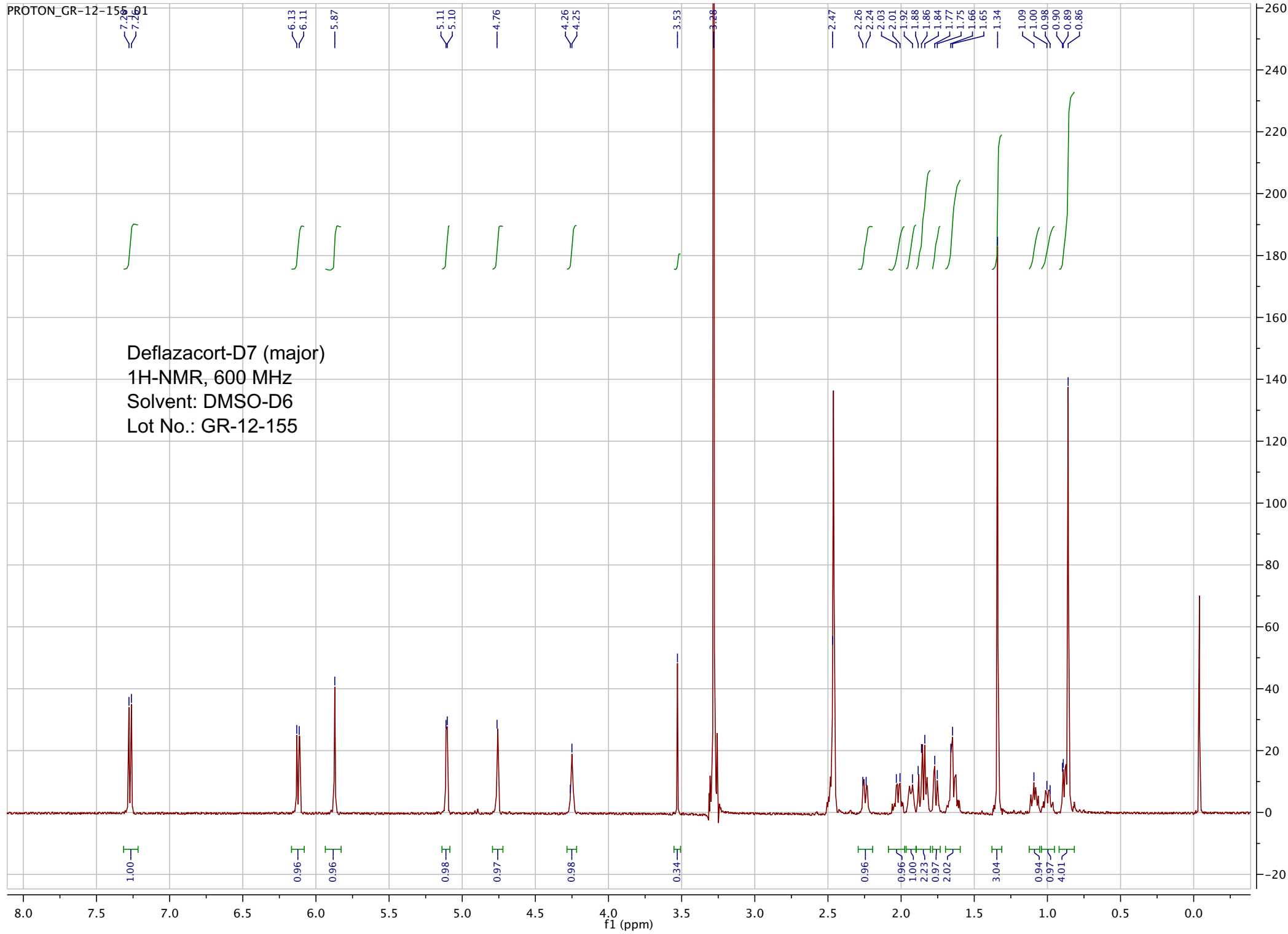
Approved by:

Date: 02/09/2024



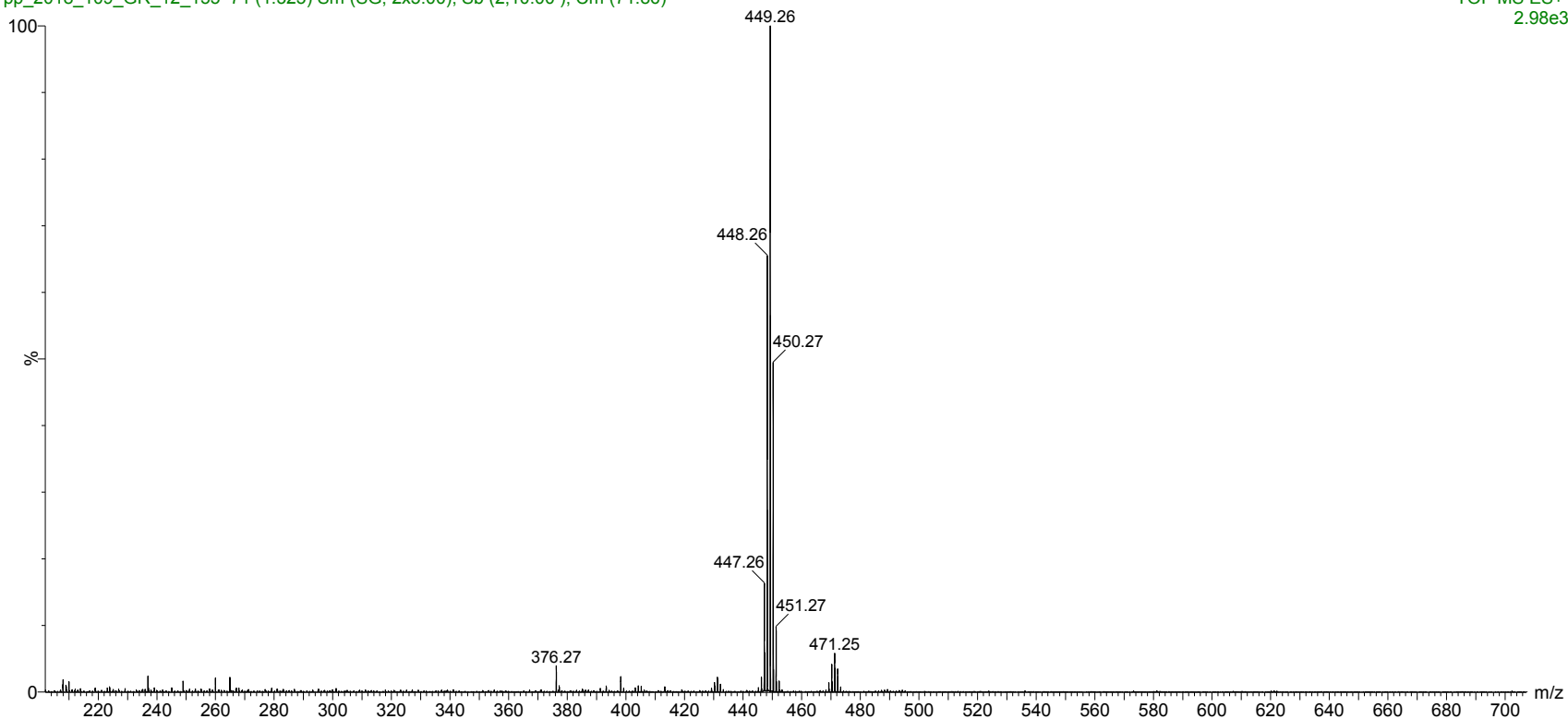
Viorica Rusu, QC/QA Manager

Deflazacort-D7 (major)
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-12-155



pp_2018_109_GR_12_155 71 (1.325) Sm (SG, 2x5.00); Sb (2,10.00); Cm (71:86)

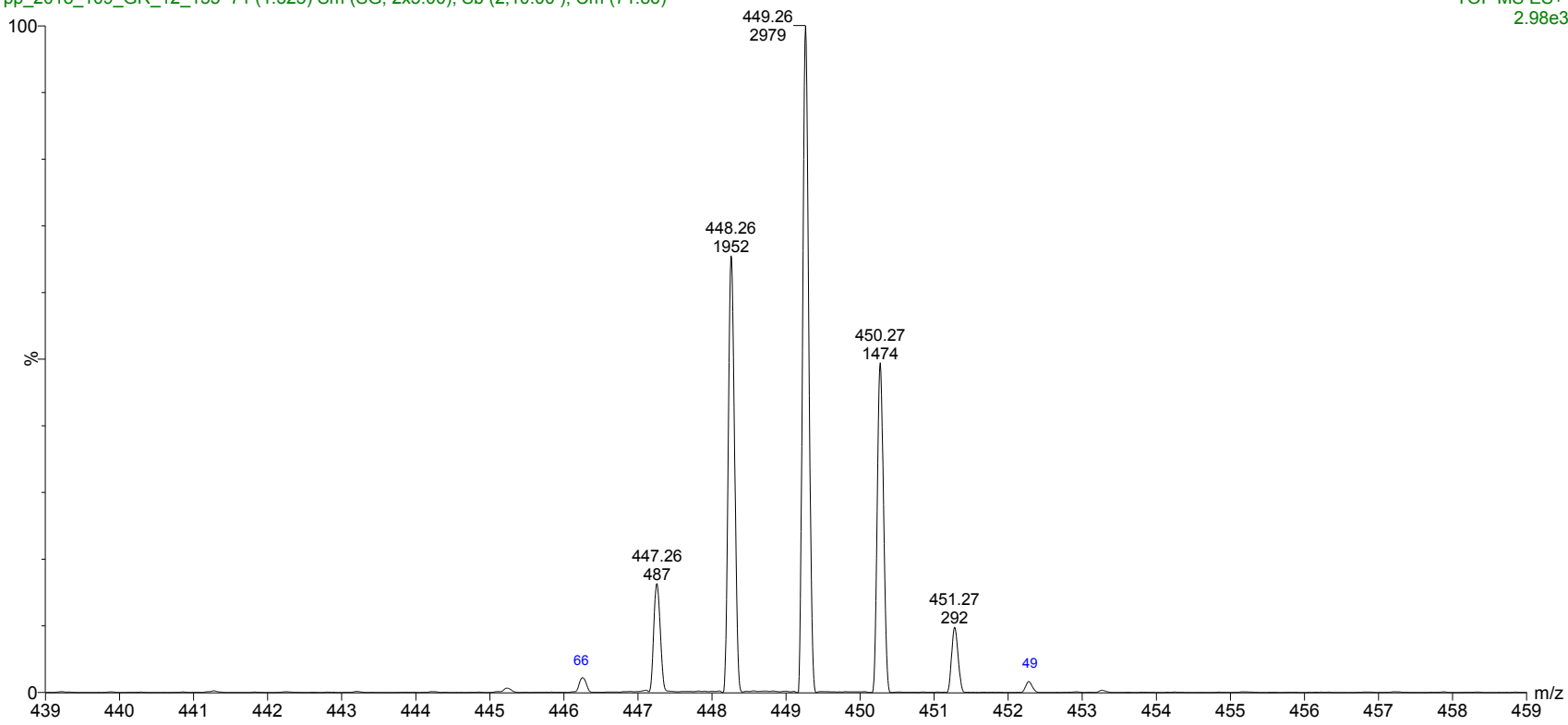
TOF MS ES+
2.98e3



ESI-MS spectrum for sample GR-12-155. Shows monoisotopic $[M+H]^+$ mass.

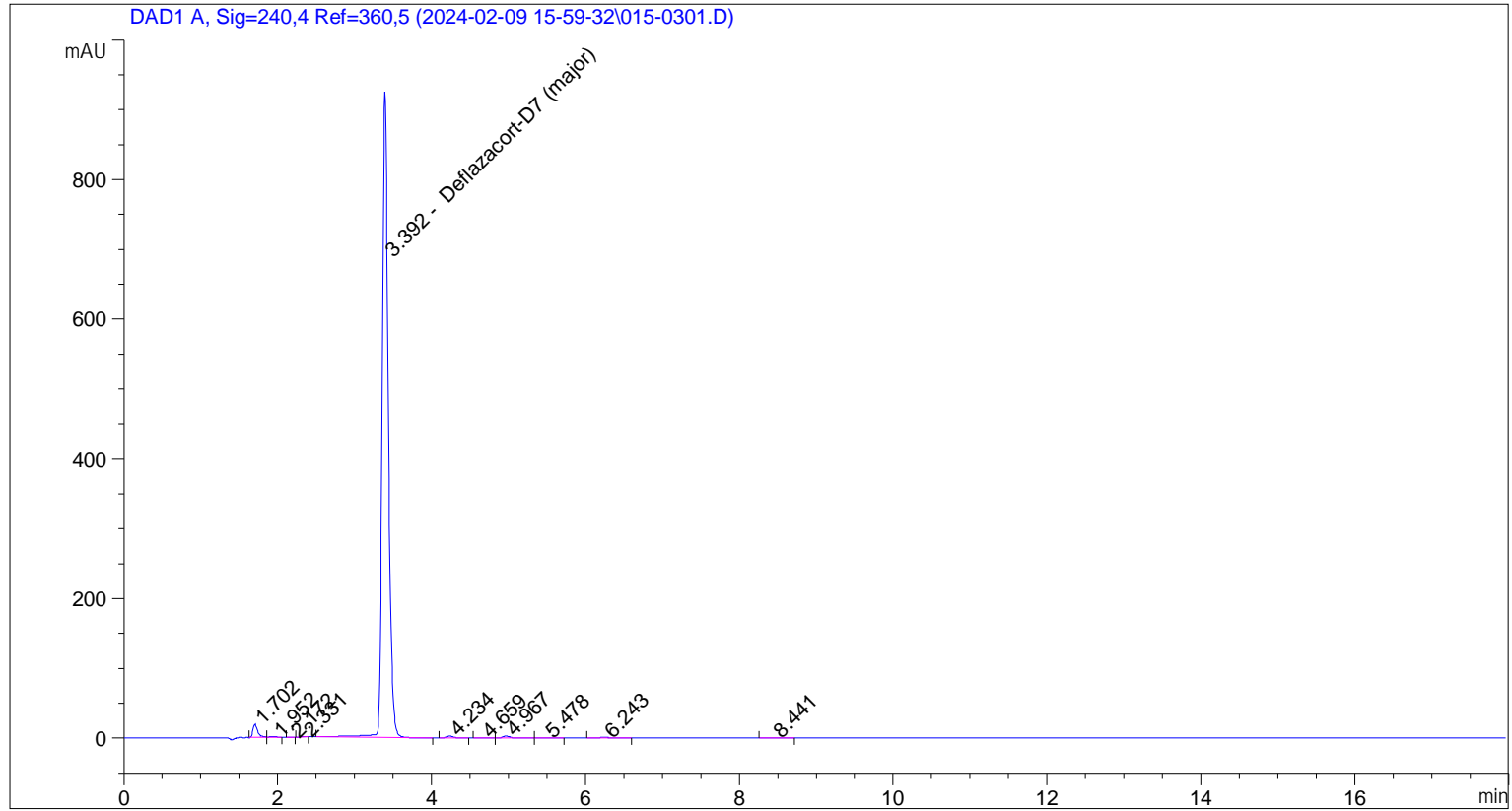
pp_2018_109_GR_12_155 71 (1.325) Sm (SG, 2x5.00); Sb (2,10.00); Cm (71:86)

TOF MS ES+
2.98e3



Expansion of above showing intensity labels.

=====
Acq. Operator : vrusu Seq. Line : 3
Acq. Instrument : Instrument 1 Location : Vial 15
Injection Date : 2/9/2024 4:39:25 PM Inj : 1
Inj Volume : 5.0 µl
Acq. Method : C:\CHEM32\1\DATA\2024-02-09 15-59-32\VR020924_155.M
Last changed : 2/9/2024 3:59:24 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR021024_155_PM.M
Last changed : 2/10/2024 7:14:57 AM by vrusu



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

Sorted By : Signal
Calib. Data Modified : 2/10/2024 7:14:13 AM
Multiplier: : 1.0000
Dilution: : 1.0000
Do not 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	3.392	BB	0.0823	5098.58398	97.3027	Deflazacort-D7 (major)

Totals : 5098.58398 97.3027

Uncalibrated Peaks:

Sample Name: GR-12-155 spl-2

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.702	BV	0.0662	81.93204	1.5636	?
2	1.952	VB	0.0837	7.37438	0.1407	?
3	2.172	BB	0.0549	8.21066e-1	0.0157	?
4	2.331	BB	0.0649	1.99987	0.0382	?
5	4.234	BB	0.0917	16.29324	0.3109	?
6	4.659	BV	0.1051	2.29128	0.0437	?
7	4.967	VB	0.0988	16.96490	0.3238	?
8	5.478	BB	0.1252	1.82772	0.0349	?
9	6.243	BB	0.1464	9.42969	0.1800	?
10	8.441	BB	0.1660	2.40388	0.0459	?

Uncalib. totals : 141.33807 2.6973

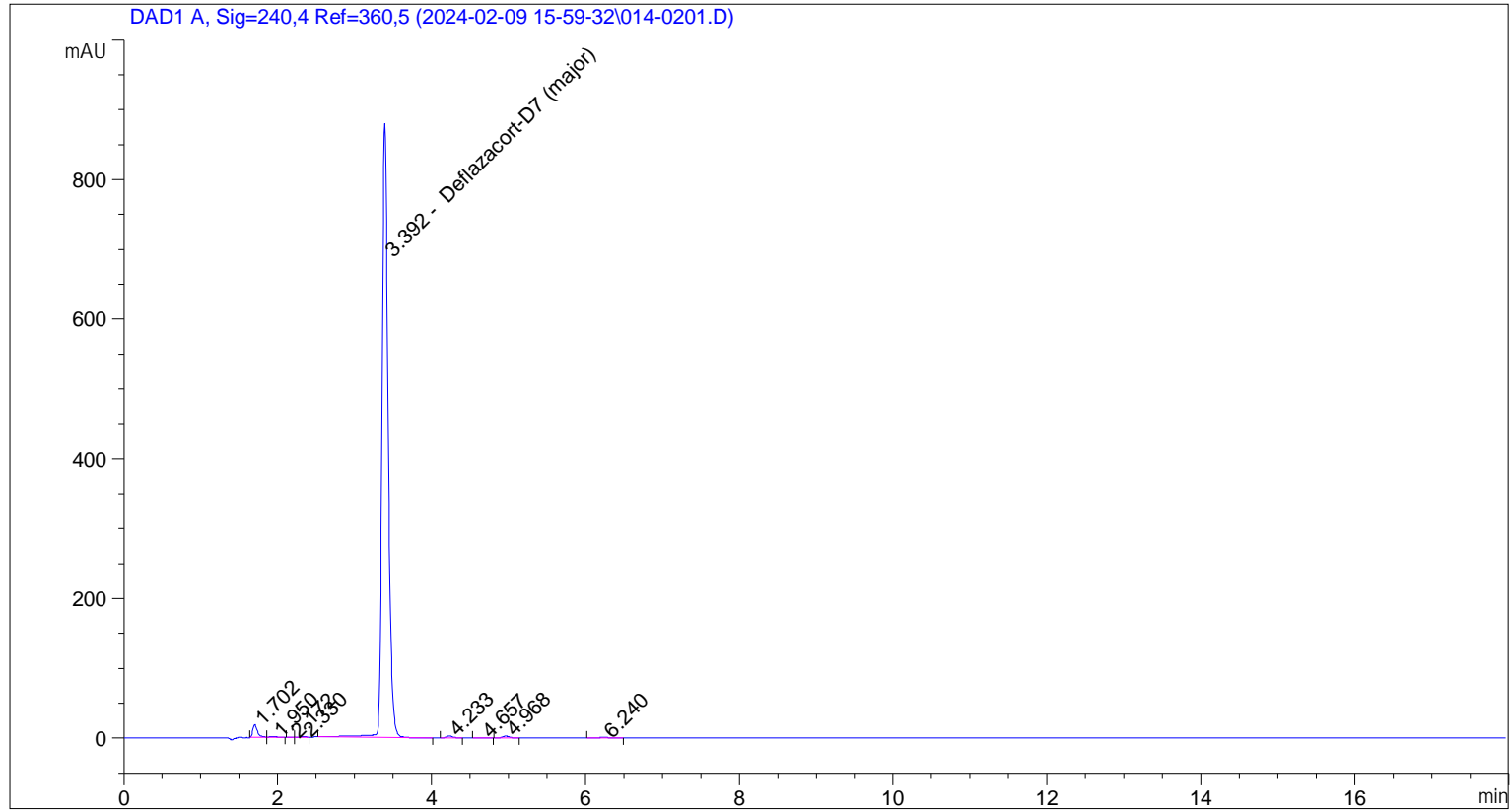
=====
*** End of Report ***

Sample Name: GR-12-155

```

=====
Acq. Operator   : vrusu                               Seq. Line :    2
Acq. Instrument : Instrument 1                         Location  : Vial 14
Injection Date  : 2/9/2024 4:20:02 PM                 Inj       :    1
                                                    Inj Volume: 5.0 µl
Acq. Method     : C:\CHEM32\1\DATA\2024-02-09 15-59-32\VR020924_155.M
Last changed    : 2/9/2024 3:59:24 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR021024_155_PM.M
Last changed    : 2/10/2024 7:14:57 AM by vrusu
=====

```



```

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

```

```

Sorted By           :      Signal
Calib. Data Modified :      2/10/2024 7:14:13 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Do not 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	3.392	BB	0.0842	4842.97559	97.3334	Deflazacort-D7 (major)

```
Totals :                               4842.97559  97.3334
```

Uncalibrated Peaks:

Sample Name: GR-12-155

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.702	BV	0.0643	79.28310	1.5934	?
2	1.950	VB	0.0875	7.99824	0.1607	?
3	2.172	BV	0.0544	8.17423e-1	0.0164	?
4	2.330	VB	0.0691	2.38763	0.0480	?
5	4.233	BB	0.0908	15.58514	0.3132	?
6	4.657	BB	0.1047	2.26078	0.0454	?
7	4.968	BB	0.0964	16.03832	0.3223	?
8	6.240	BB	0.1310	8.30860	0.1670	?

Uncalib. totals : 132.67923 2.6666

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