

Name:	cis-4-Amino-N-(1-carbethoxy-3-methoxy-4-piperidiny)-5-chloro-2-methoxybenzamide (Cisapride Benzamide Carbethoxy; CQ RC 3)
Lot#:	GR-15-095
Test Date:	08/11/2025 (re-test date: 08/11/2030)
CAS No.:	351003-35-5
MF:	C ₁₇ H ₂₄ ClN ₃ O ₅
MW:	385.84
Appearance:	White solid
Purity:	98.8% by HPLC (average of two sample preparations)
¹H-NMR:	Conforms (shows a trace of ACN)
MS-ESI (+)	Conforms (shows peaks at m/z = 386.15 and 388.15 [M+H] ⁺ ; exhibits the expected isotope pattern for mono-chloro compounds)
Storage	Long term store at 0 - 5° C in a dry place away from direct sunlight

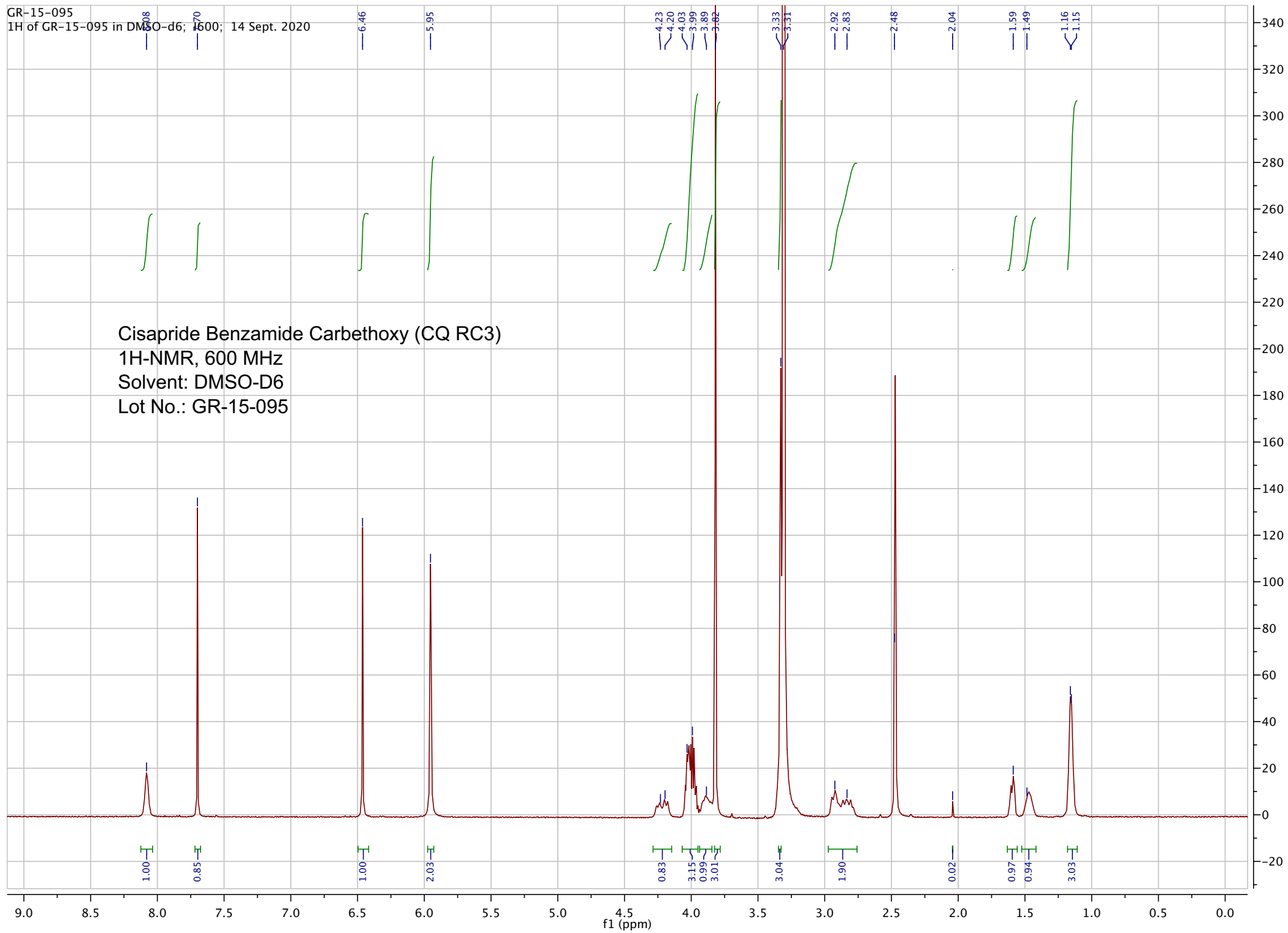
Approved by:

Date: 08/11/2025

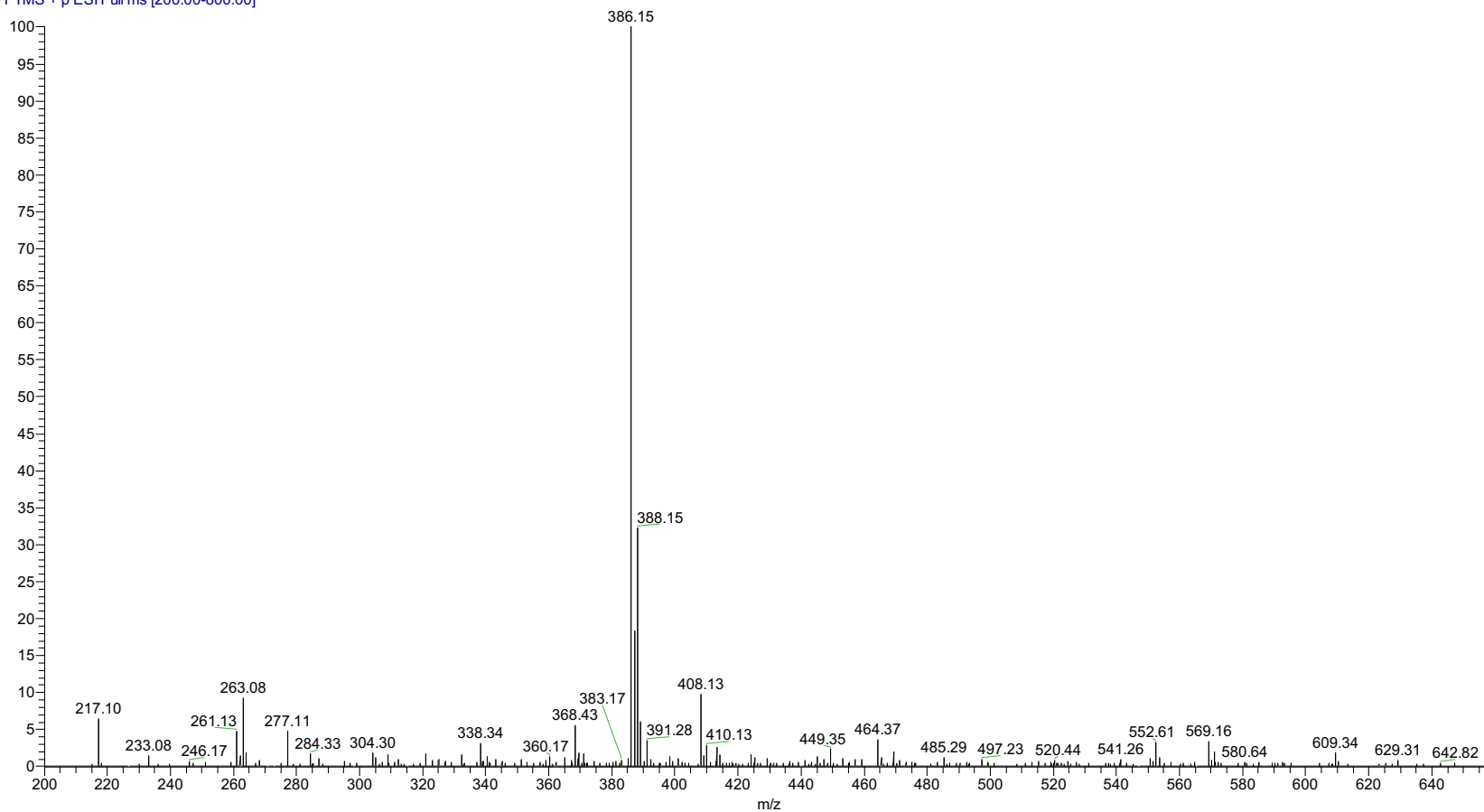


Viorica Rusu, QC/QA Manager

GR-15-095
1H of GR-15-095 in DMSO-d6; 1600; 14 Sept. 2020



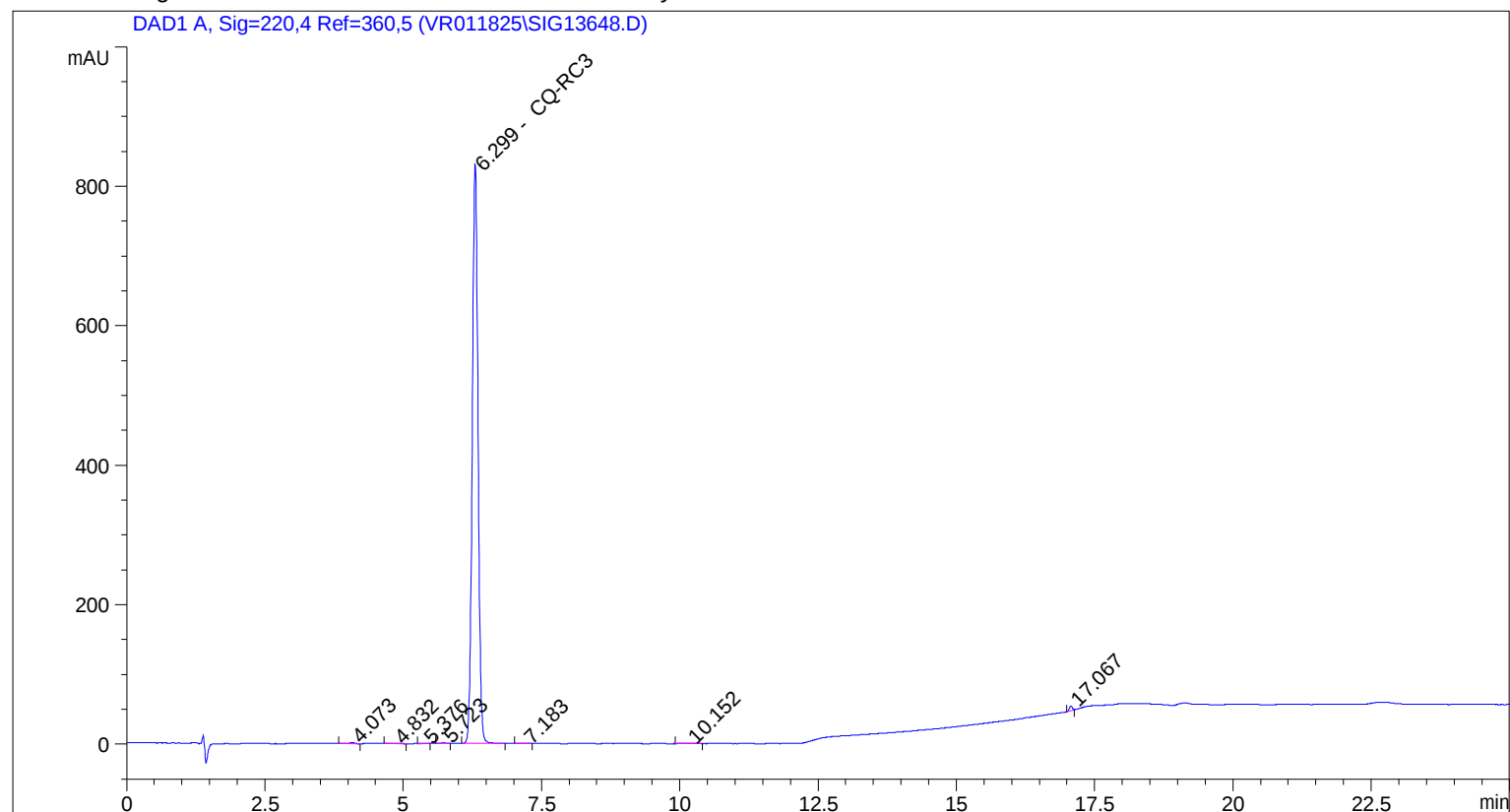
pp_2020_024_GR_15_095_001 #1046 RT: 3.26 AV: 1 NL: 1.50E5
T: FTMS + p ESI Full ms [200.00-800.00]



ESI-MS spectrum for sample GR-15-095. Shows monoisotopic $[M+H]^+$ mass.

Sample Name: GR-15-095 spl-2

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 14
Injection Date  : 8/8/2025 11:33:21 AM
                                           Inj Volume : 5.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR080825_095.M
Last changed    : 8/8/2025 11:32:18 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR081125_095PM.M
Last changed    : 8/11/2025 10:48:12 AM by vrusu
=====
```



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                        Area Percent Report
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```

```
Sorted By           :      Signal
Calib. Data Modified :      8/11/2025 10:43:01 AM
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	4.073	BB	0.1020	10.34851	0.1707	?
2	4.832	BB	0.1755	7.12957	0.1176	?
3	5.376	VV	0.1152	3.44733	0.0569	?
4	5.723	BB	0.0904	5.78718	0.0955	?
5	6.299	BV	0.1120	5993.89404	98.8986	CQ-RC3
6	7.183	VB	0.1320	3.55454	0.0586	?
7	10.152	BV	0.1698	12.55188	0.2071	?
8	17.067	BB	0.0557	23.93433	0.3949	?

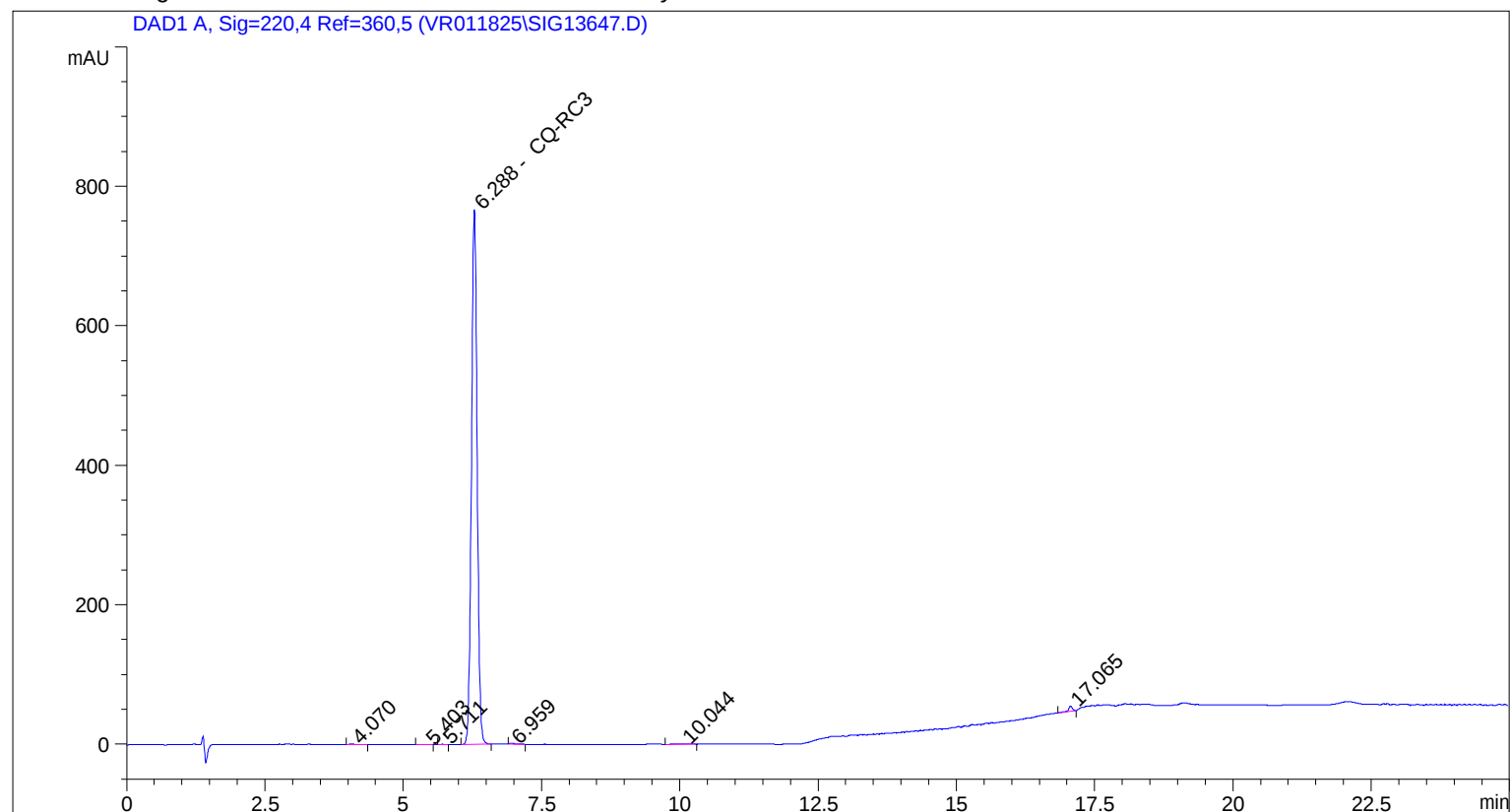
Sample Name: GR-15-095 spl-2

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
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Totals :				6060.64739		

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*** End of Report ***

Sample Name: GR-15-095

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=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 13
Injection Date  : 8/8/2025 11:01:06 AM
                                           Inj Volume : 5.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR080825_095.M
Last changed    : 8/8/2025 11:00:04 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR081125_095PM.M
Last changed    : 8/11/2025 10:48:12 AM by vrusu
=====
```



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

```
Sorted By           :      Signal
Calib. Data Modified :      8/11/2025 10:43:01 AM
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	4.070	BB	0.0935	6.92883	0.1245	?
2	5.403	VV	0.1520	8.55399	0.1537	?
3	5.711	BB	0.0841	3.74095	0.0672	?
4	6.288	BB	0.1095	5492.90869	98.6675	CQ-RC3
5	6.959	BV	0.1056	11.17688	0.2008	?
6	10.044	BB	0.1909	12.11462	0.2176	?
7	17.065	BB	0.0668	31.66710	0.5688	?

Sample Name: GR-15-095

Totals : 5567.09107

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*** End of Report ***