

Name: Triamcinolone Acetonide-17-Carboxylic Acid
Lot#: GR-17-209
Test Date: 09/13/2022 (re-test date: 09/13/2027)
CAS No.: 3800-28-0
MF: C₂₃H₂₉FO₆
MW: 420.47
Appearance: White Solid
Purity: 99.3% by HPLC (average of two sample preparations)
¹H-NMR: Conforms
MS-ESI (-) Conforms (shows peak at m/z = 419.28 [M-H]⁻)
Storage Store at 0-5°C in a dry place away from direct sunlight

Approved by:

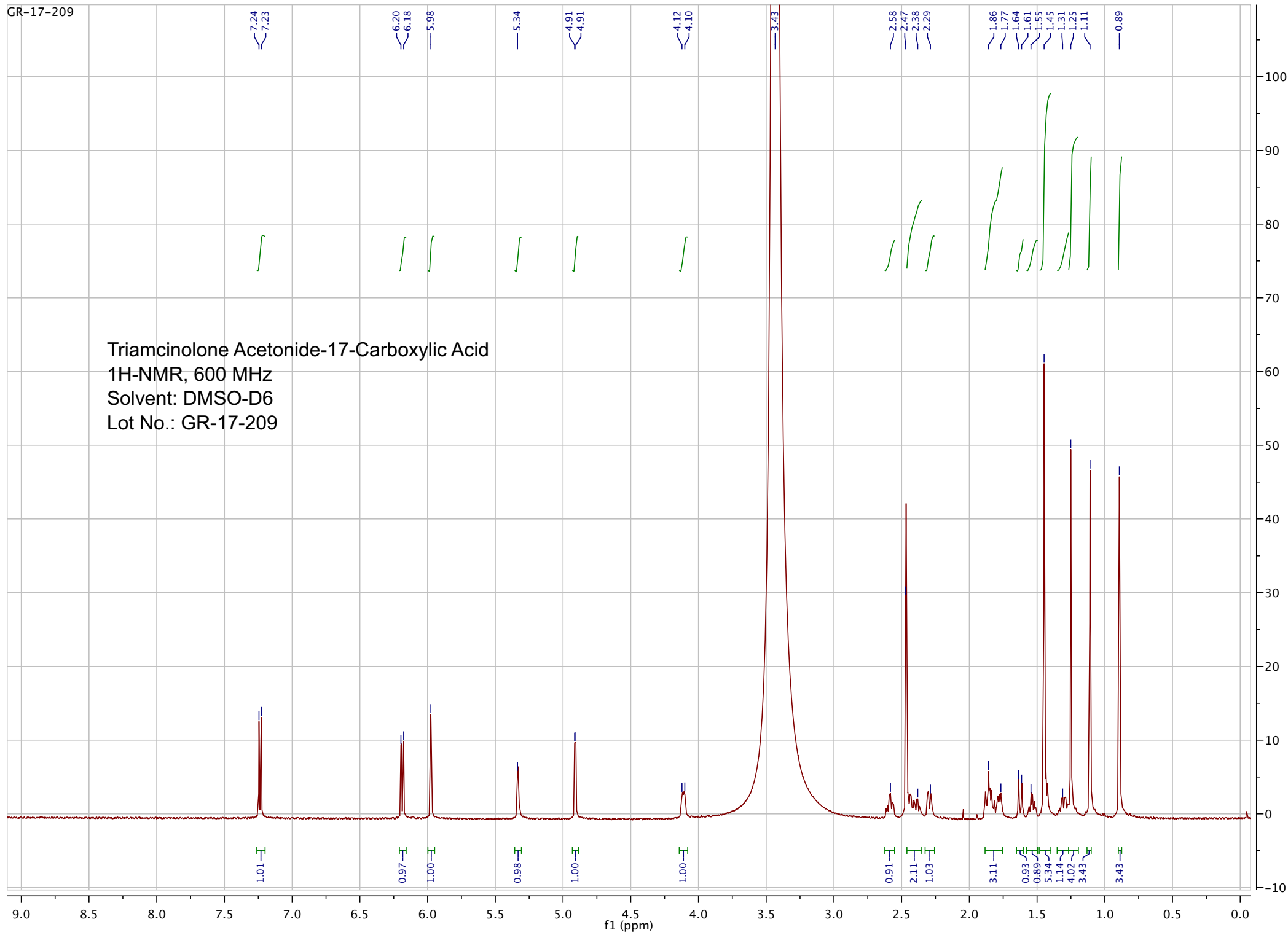
Date: 09/26/2022



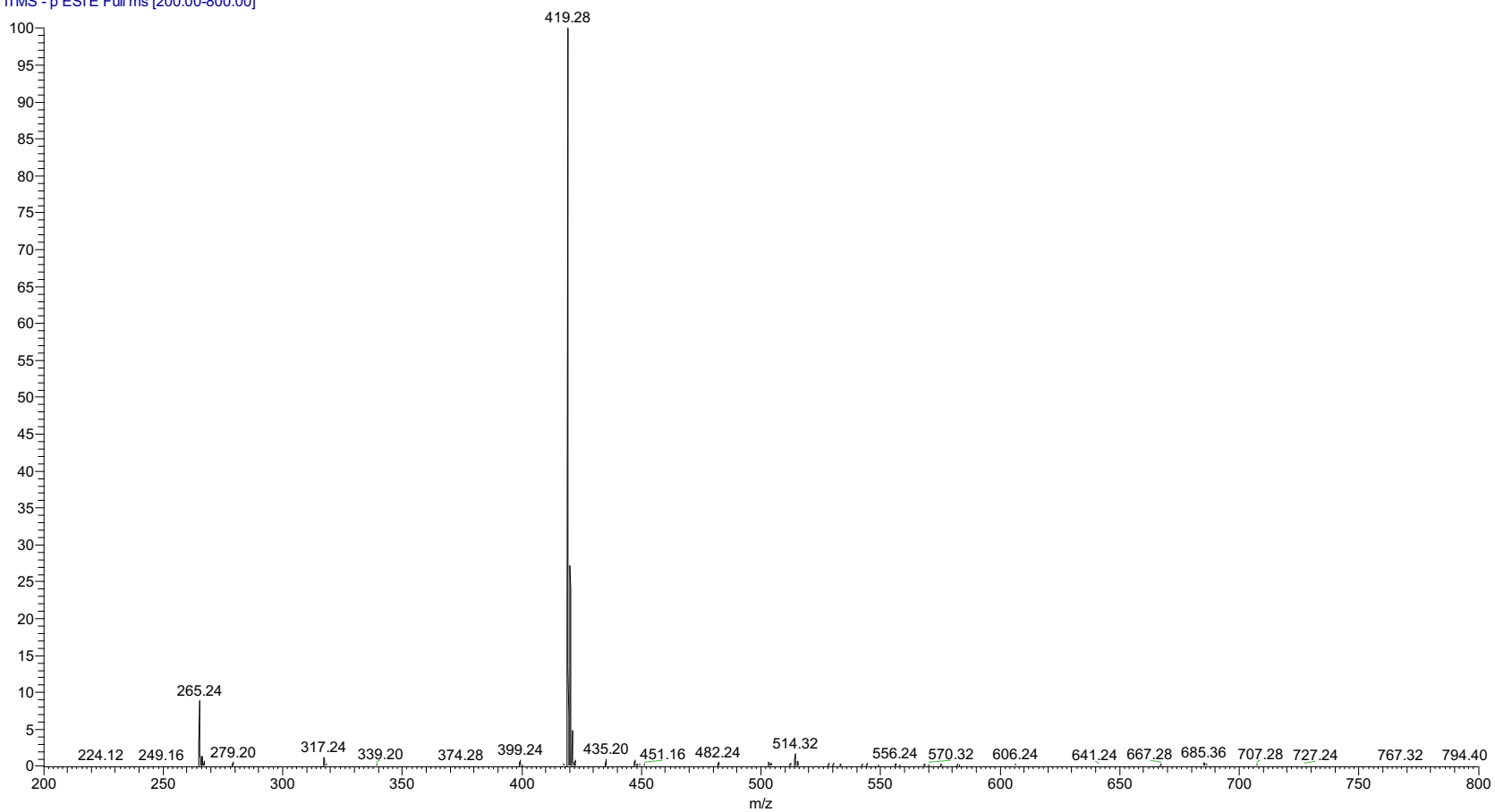
Viorica Rusu, QC/QA Manager

GR-17-209

Triamcinolone Acetonide-17-Carboxylic Acid
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-17-209

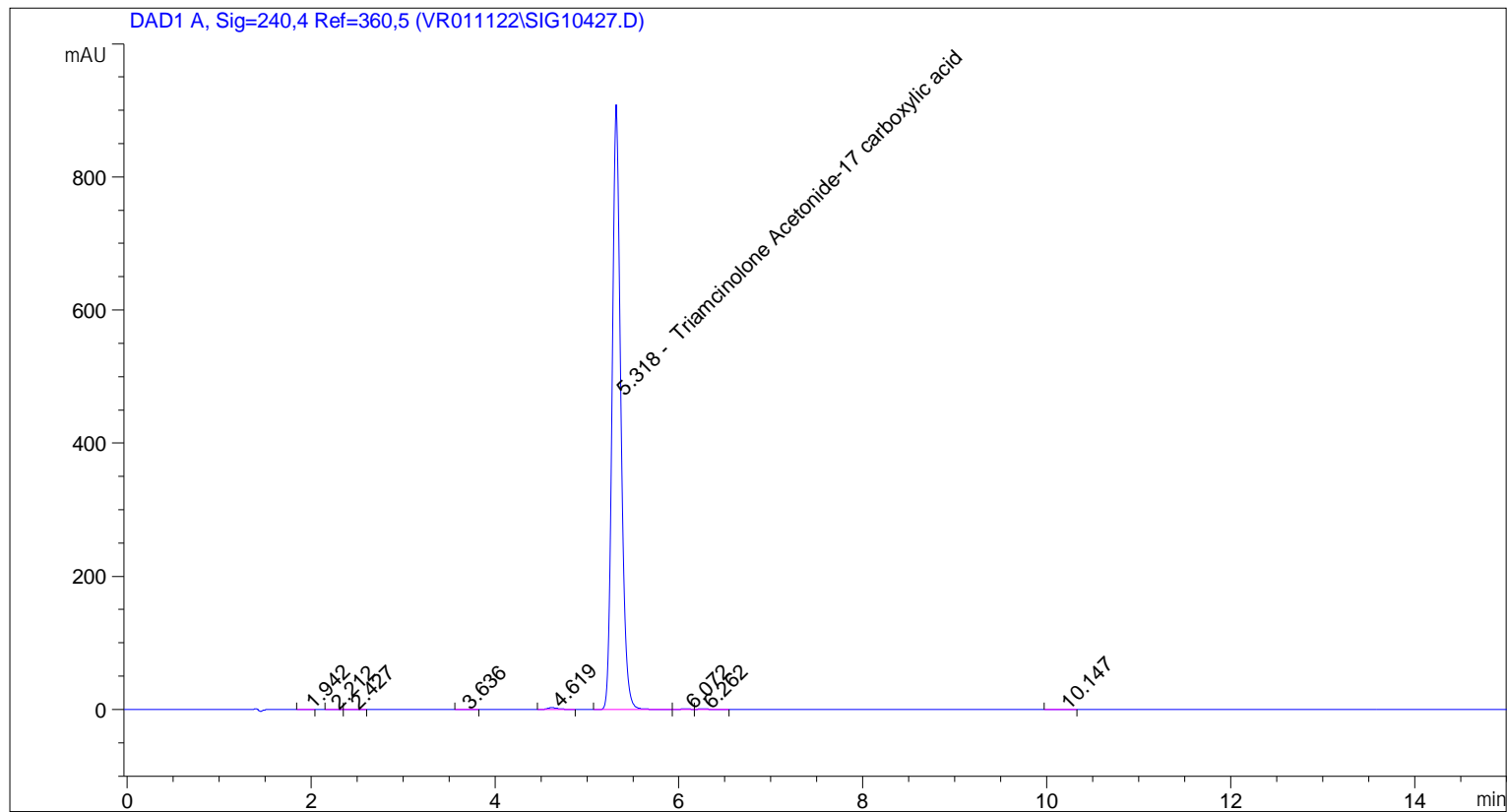


pp_2022_061_GR_17_209_10 #137 RT: 0.42 AV: 1 NL: 3.30E6
T: FTMS - p ESI E Full ms [200.00-800.00]



ESI-MS spectrum for sample GR-17-209. Shows monoisotopic [M-H]⁻ mass.

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 55
Injection Date : 9/13/2022 3:43:57 PM
Inj Volume : 5.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR091322_209.M
Last changed : 9/13/2022 3:42:53 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR091422_209PM.M
Last changed : 9/14/2022 10:02:59 AM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 9/14/2022 10:02:30 AM
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	1.942	BB	0.0594	1.34489	0.0218	?
2	2.212	BV	0.0719	1.10238	0.0178	?
3	2.427	VB	0.0821	1.74157	0.0282	?
4	3.636	BB	0.0917	1.17813	0.0191	?
5	4.619	BB	0.1224	20.65878	0.3344	?
6	5.318	BV	0.1026	6137.05469	99.3332	Triamcinolone Acetonide-17 carboxylic acid
7	6.072	VV	0.1172	6.04103	0.0978	?
8	6.262	VB	0.1247	6.27040	0.1015	?

Sample Name: GR-17-209

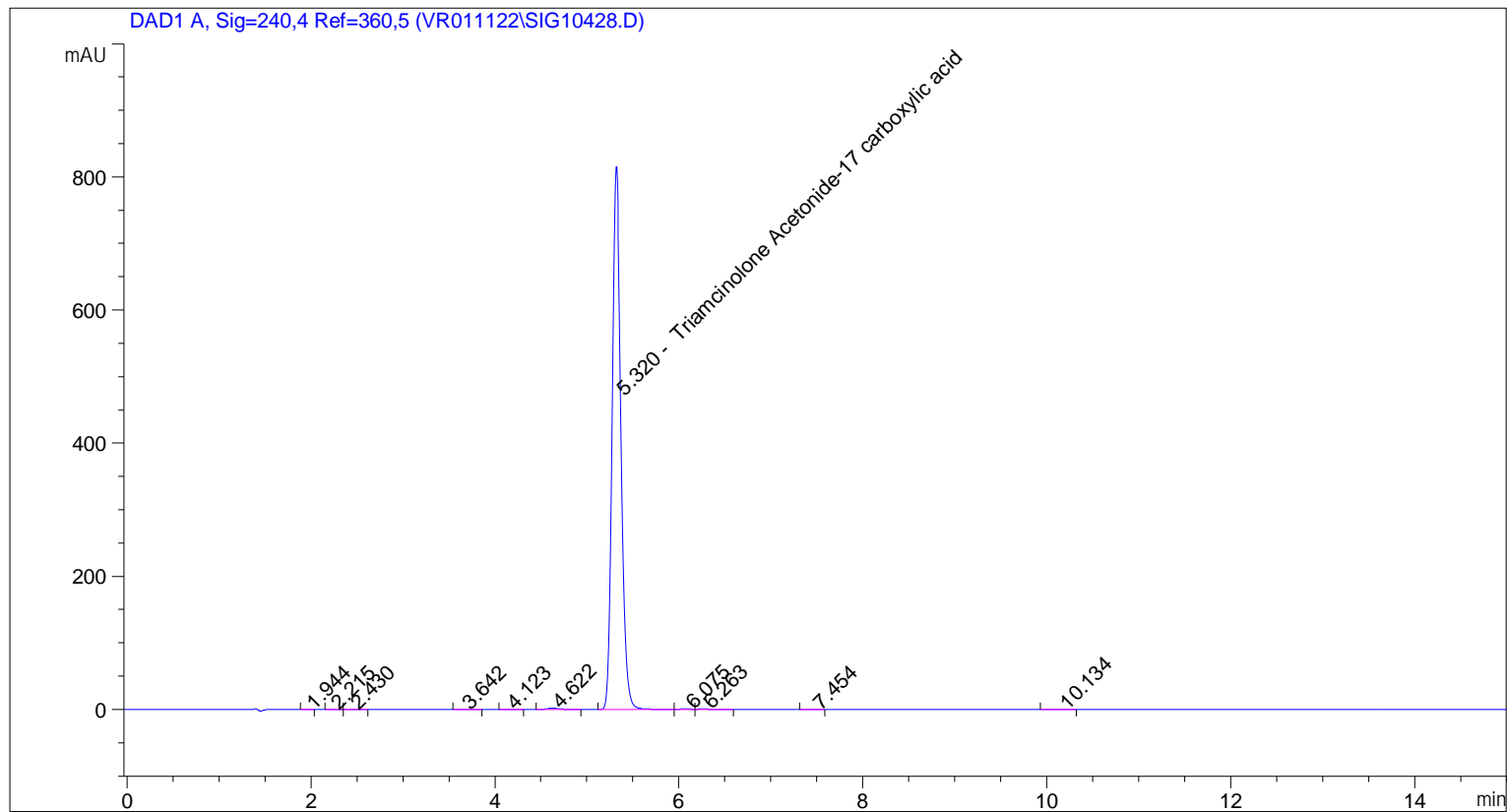
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	10.147	BB	0.1516	2.86217	0.0463	?

Totals : 6178.25403

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*** End of Report ***

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 56
Injection Date  : 9/13/2022 4:02:38 PM
                                           Inj Volume : 5.0 µl
Acq. Method    : C:\CHEM32\1\METHODS\VR091322_209.M
Last changed   : 9/13/2022 4:01:31 PM by vrusu
Analysis Method: C:\CHEM32\1\METHODS\VR091422_209PM.M
Last changed   : 9/14/2022 10:02:59 AM by vrusu
  
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 Area Percent Report
 =====

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Sorted By      :      Signal
Calib. Data Modified :      9/14/2022 10:02:30 AM
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	1.944	BB	0.0598	1.20296	0.0217	?
2	2.215	BV	0.0669	1.04419	0.0189	?
3	2.430	VB	0.0745	1.17834	0.0213	?
4	3.642	BB	0.0927	9.16100e-1	0.0165	?
5	4.123	BB	0.0939	8.61168e-1	0.0155	?
6	4.622	BB	0.1241	16.54461	0.2987	?
7	5.320	BV	0.1025	5502.04199	99.3300	Triamcinolone Acetonide-17 carboxylic acid
8	6.075	VV	0.1196	6.12909	0.1107	?

Sample Name: GR-17-209 spl-2

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	6.263	VB	0.1263	5.30652	0.0958	?
10	7.454	BB	0.1153	8.32891e-1	0.0150	?
11	10.134	BB	0.1566	3.09753	0.0559	?

Totals : 5539.15541

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*** End of Report ***