

Name: 21-Desacetyl Anecortave

Lot#: GR-17-227

Test Date: 09/15/2022 (re-test date: 09/15/2027)

CAS No.: 10184-70-0

MF: C₂₁H₂₈O₄

MW: 344.44

Appearance: Off-White Solid

Purity: 97.3% by HPLC (average of two sample preparations)

¹H-NMR: Conforms (contains a trace of MeOH)

MS-ESI (+) Conforms (shows peak at m/z = 345.24 [M+H]⁺)

Storage Store at 0-5°C in a dry place away from direct sunlight

Approved by:

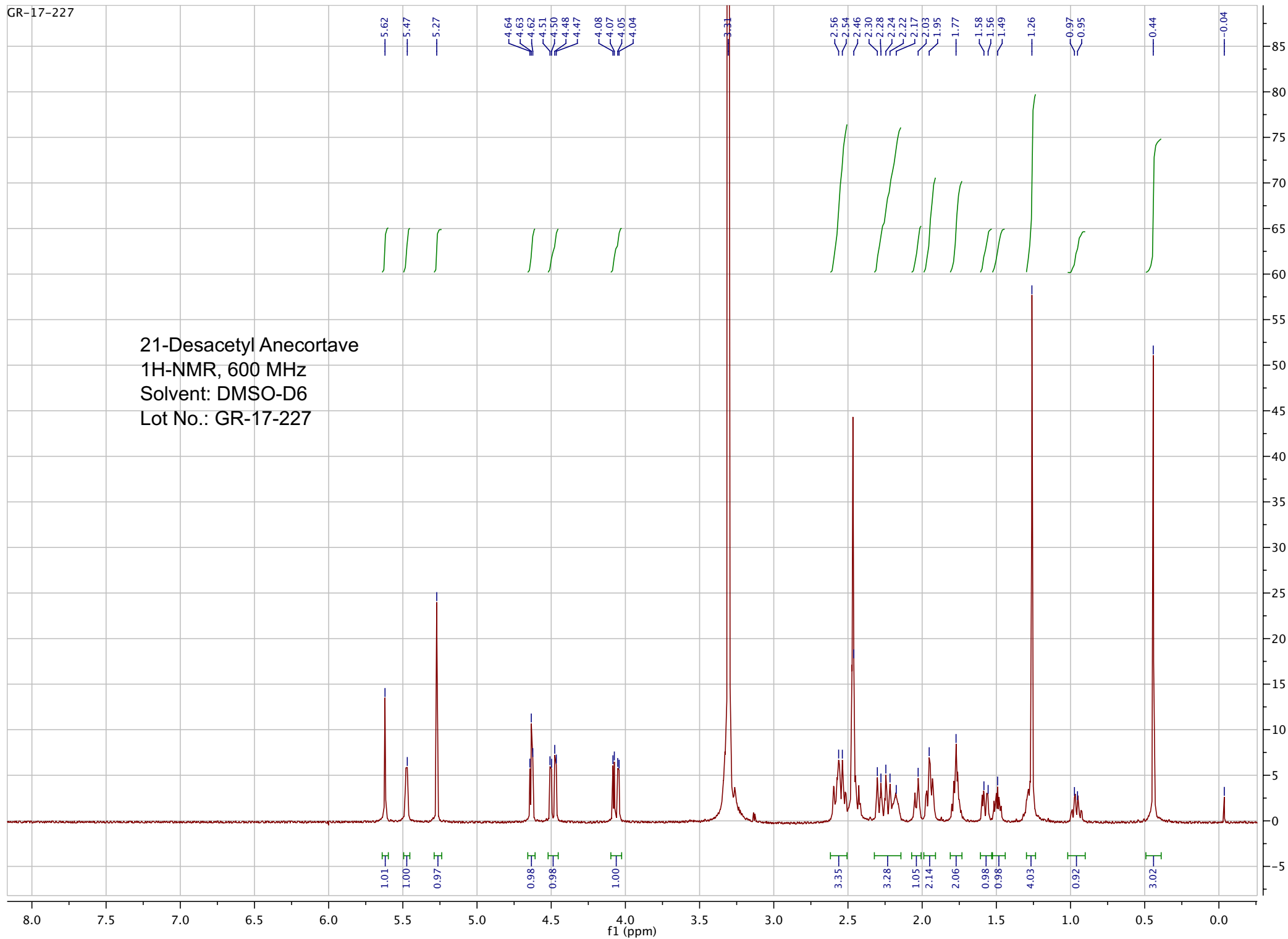
Date: 09/26/2022

A handwritten signature in black ink, appearing to read "Viorica Rusu", is written over a horizontal line.

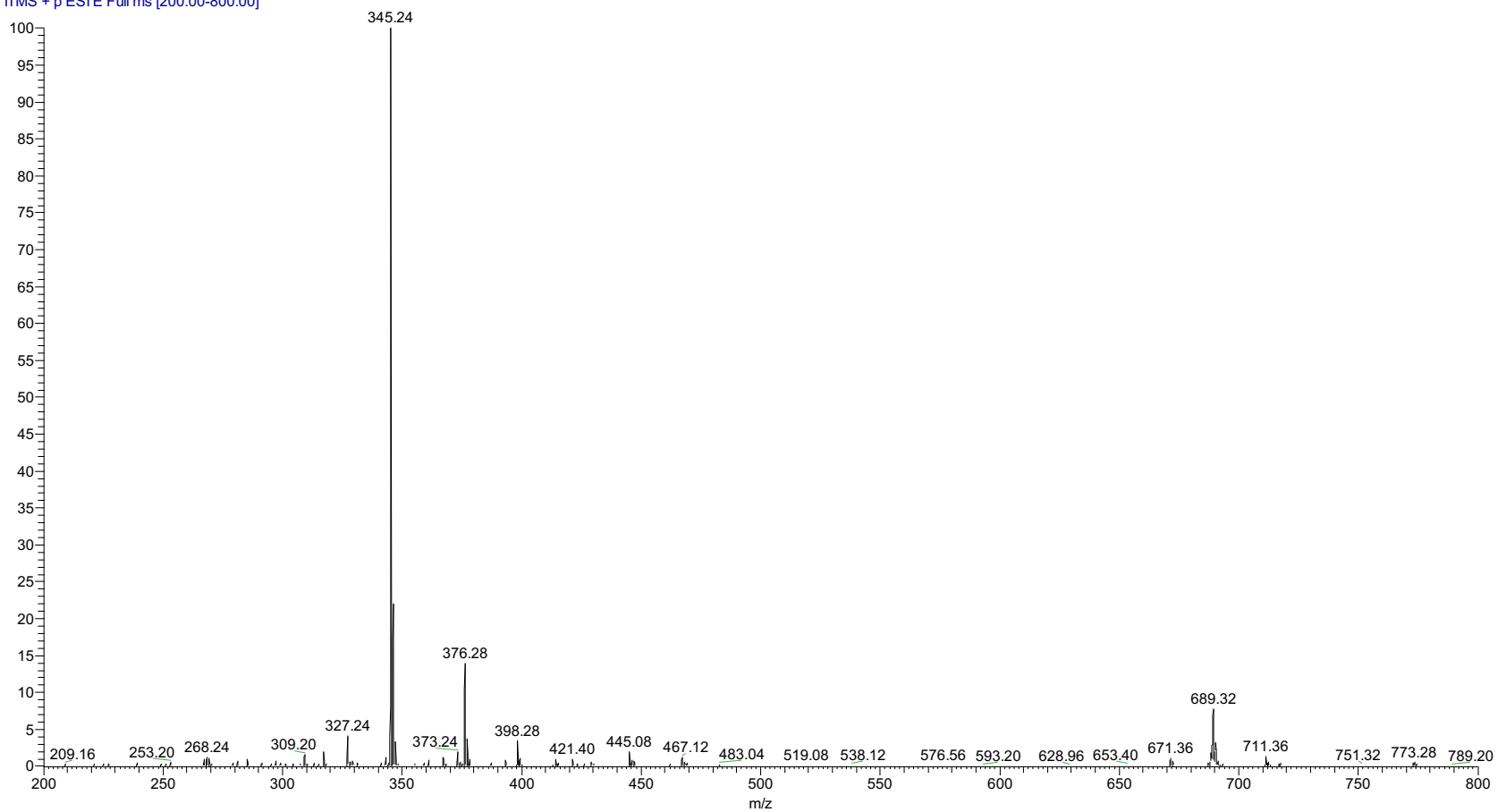
Viorica Rusu, QC/QA Manager

GR-17-227

21-Desacetyl Anecortave
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-17-227



pp_2022_061_GR_17_227_10 #383 RT: 1.17 AV: 1 NL: 3.95E7
T: ITMS + p ESI E Full ms [200.00-800.00]



ESI-MS spectrum for sample GR-17-227. Shows monoisotopic $[M+H]^+$ mass.

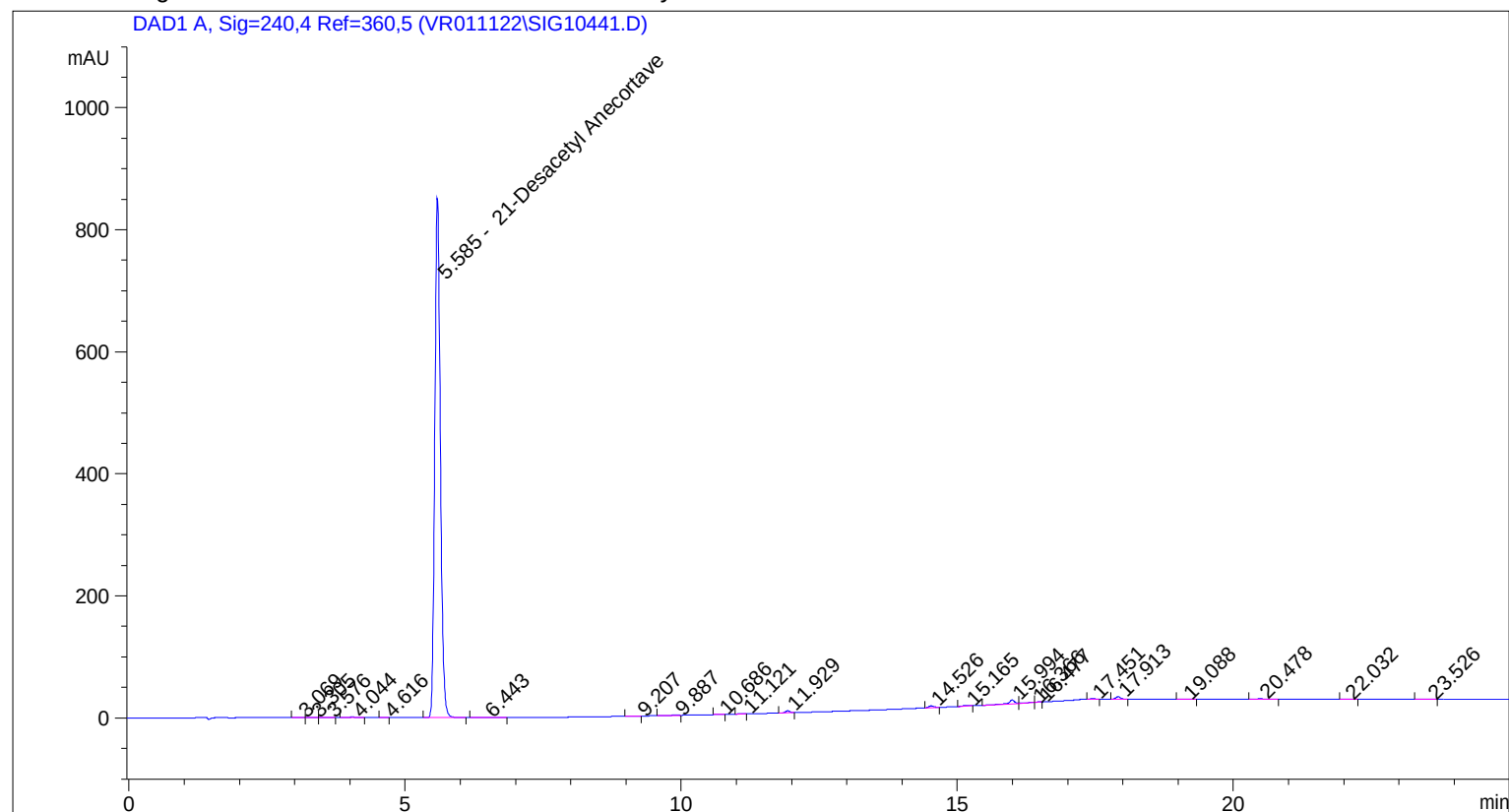
Sample Name: GR-17-227

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1
Injection Date  : 9/15/2022 10:46:11 AM
Location       : Vial 6
Inj Volume     : 5.0 µl

Acq. Method    : C:\CHEM32\1\METHODS\VR091522_227.M
Last changed   : 9/15/2022 10:45:10 AM by vrusu
Analysis Method: C:\CHEM32\1\METHODS\VR091522_227PM.M
Last changed   : 9/15/2022 11:35:34 AM by vrusu
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                        Area Percent Report
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Sorted By           :      Signal
Calib. Data Modified :      9/15/2022 11:34:22 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs

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

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	3.069	VV	0.1137	2.17555	0.0354	?
2	3.305	VB	0.1071	2.48403	0.0404	?
3	3.576	BV	0.0952	1.85179	0.0301	?
4	4.044	BB	0.1080	9.59610	0.1560	?
5	4.616	BB	0.0910	1.44203	0.0234	?
6	5.585	BB	0.1079	5982.18652	97.2457	21-Desacetyl Anecortave
7	6.443	BB	0.2462	4.99401	0.0812	?
8	9.207	BB	0.1060	1.51150	0.0246	?

Sample Name: GR-17-227

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	9.887	BB	0.0954	5.83803	0.0949	?
10	10.686	BB	0.0884	2.21023	0.0359	?
11	11.121	BB	0.1109	2.52853	0.0411	?
12	11.929	BB	0.0803	17.29189	0.2811	?
13	14.526	BB	0.0953	20.01887	0.3254	?
14	15.165	BB	0.1162	9.20892	0.1497	?
15	15.994	BV	0.0977	41.53984	0.6753	?
16	16.366	VV	0.1201	4.56258	0.0742	?
17	16.477	VB	0.0766	2.36463	0.0384	?
18	17.451	BB	0.0810	8.45907	0.1375	?
19	17.913	BB	0.0913	22.64849	0.3682	?
20	19.088	BB	0.1151	1.32999	0.0216	?
21	20.478	BB	0.1502	3.73729	0.0608	?
22	22.032	BB	0.1087	1.05448	0.0171	?
23	23.526	BB	0.1506	2.58598	0.0420	?

Totals : 6151.62038

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*** End of Report ***

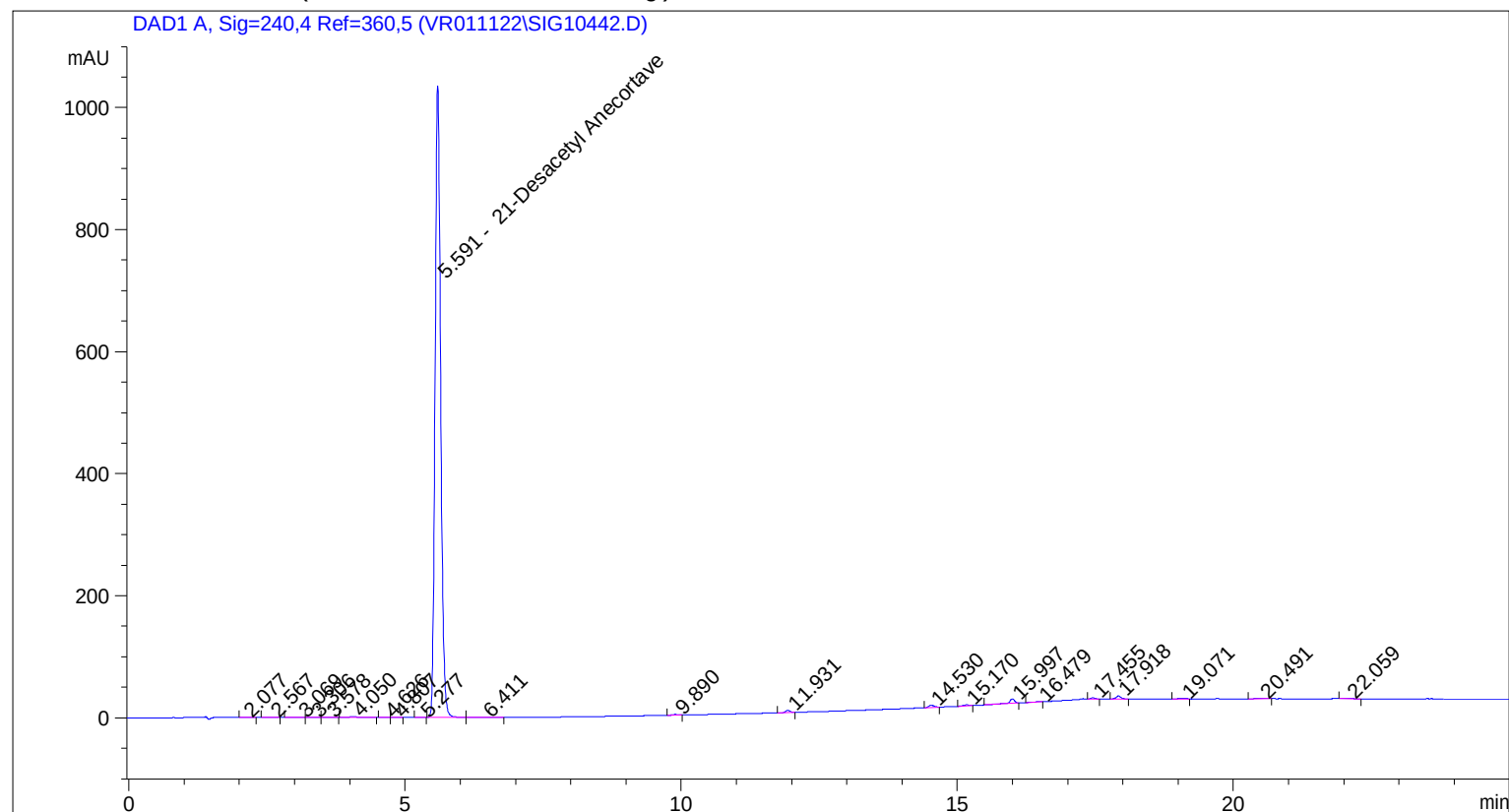
Sample Name: GR-17-227 spl-2

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1
Injection Date  : 9/15/2022 11:16:11 AM
Location       : Vial 7
Inj Volume     : 5.0 µl

Acq. Method    : C:\CHEM32\1\METHODS\VR091522_227.M
Last changed   : 9/15/2022 11:15:06 AM by vrusu
Analysis Method: C:\CHEM32\1\METHODS\VR091522_227PM.M
Last changed   : 9/15/2022 11:39:28 AM by vrusu
                (modified after loading)
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Area Percent Report
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Sorted By      : Signal
Calib. Data Modified : 9/15/2022 11:34:22 AM
Multiplier:    : 1.0000
Dilution:      : 1.0000
Use Multiplier & Dilution Factor with ISTDs

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

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.077	VB	0.1033	8.16840e-1	0.0110	?
2	2.567	BB	0.1455	7.96623e-1	0.0107	?
3	3.069	VV	0.1345	3.15389	0.0423	?
4	3.306	VB	0.1231	3.59894	0.0483	?
5	3.578	BB	0.0928	2.34623	0.0315	?
6	4.050	BB	0.1277	14.93854	0.2003	?
7	4.626	BB	0.0848	1.55029	0.0208	?

Sample Name: GR-17-227 spl-2

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
8	4.807	BB	0.1052	7.16649e-1	9.608e-3	?
9	5.277	BB	0.0908	5.05447e-1	6.776e-3	?
10	5.591	BB	0.1079	7265.59766	97.4083	21-Desacetyl Anecortave
11	6.411	BB	0.2608	6.86154	0.0920	?
12	9.890	BB	0.0922	7.23451	0.0970	?
13	11.931	BB	0.0810	19.91917	0.2671	?
14	14.530	BB	0.0975	23.89177	0.3203	?
15	15.170	BB	0.1250	11.01972	0.1477	?
16	15.997	BB	0.0923	43.33205	0.5809	?
17	16.479	BB	0.1433	6.93722	0.0930	?
18	17.455	BB	0.0805	9.75175	0.1307	?
19	17.918	BB	0.0900	27.57587	0.3697	?
20	19.071	BV	0.1313	1.63703	0.0219	?
21	20.491	BB	0.1420	4.55718	0.0611	?
22	22.059	BB	0.1252	2.17276	0.0291	?

Totals : 7458.91168

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*** End of Report ***