

Name:	Fludrocortisone-D6 (major)
Lot#:	GR-4-129
Test Date:	03/15/2022 (re-test date: 03/15/2027)
CAS No.:	127-31-1 (unlabeled)
MF:	C ₂₁ H ₂₃ D ₆ FO ₅
MW:	386.45
Appearance:	Off-white solid
Purity:	99.1% by HPLC; >98% atom D
¹H-NMR:	Conforms
MS-ESI (+)	Conforms (shows peaks at m/z = 386.36, 387.38 [M+H] ⁺ for D5 and D6 forms)
Storage	Store at -18°C in a dry place away from direct sunlight

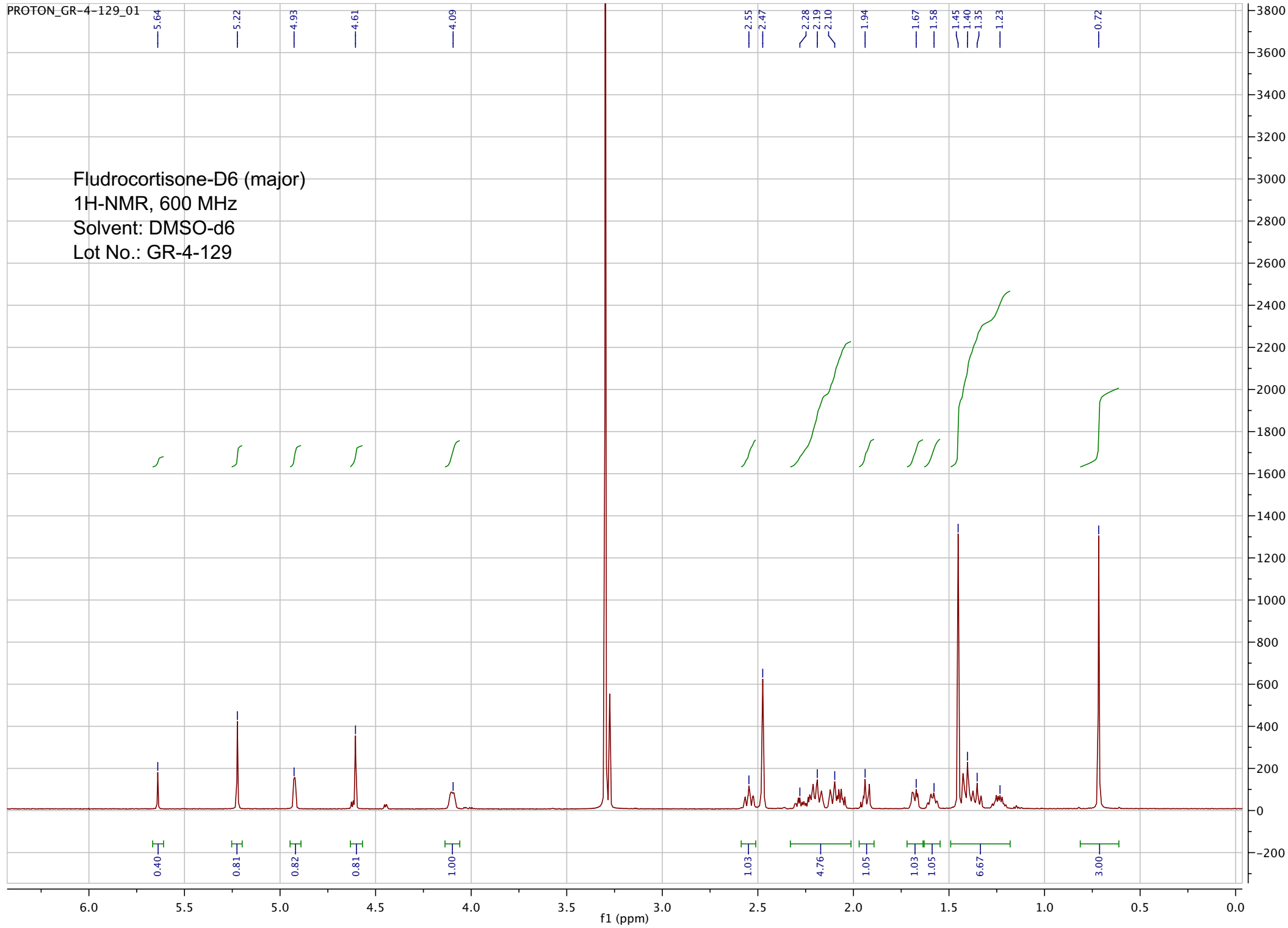
Approved by:

Date: 03/15/2022

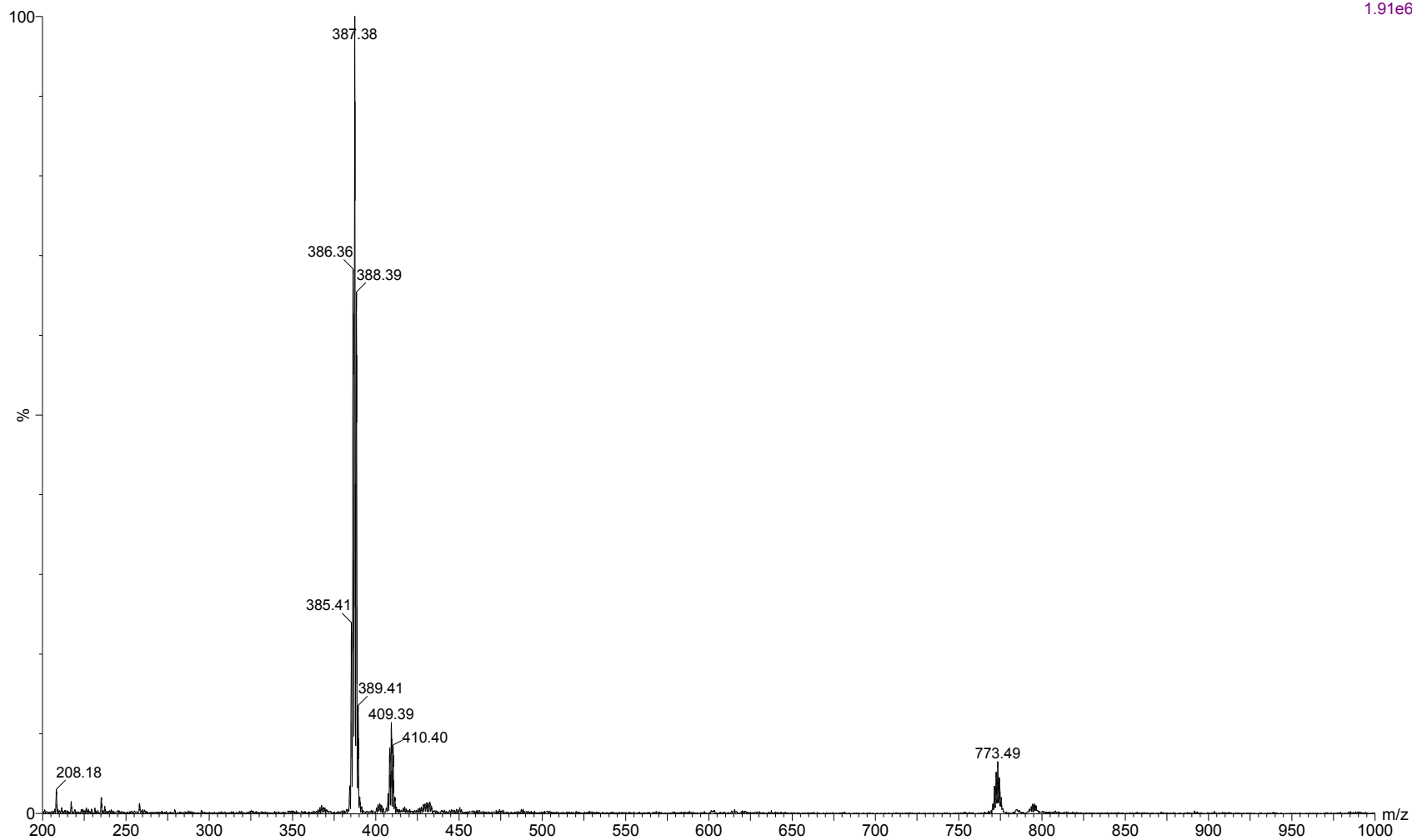


Viorica Rusu, QC/QA Manager

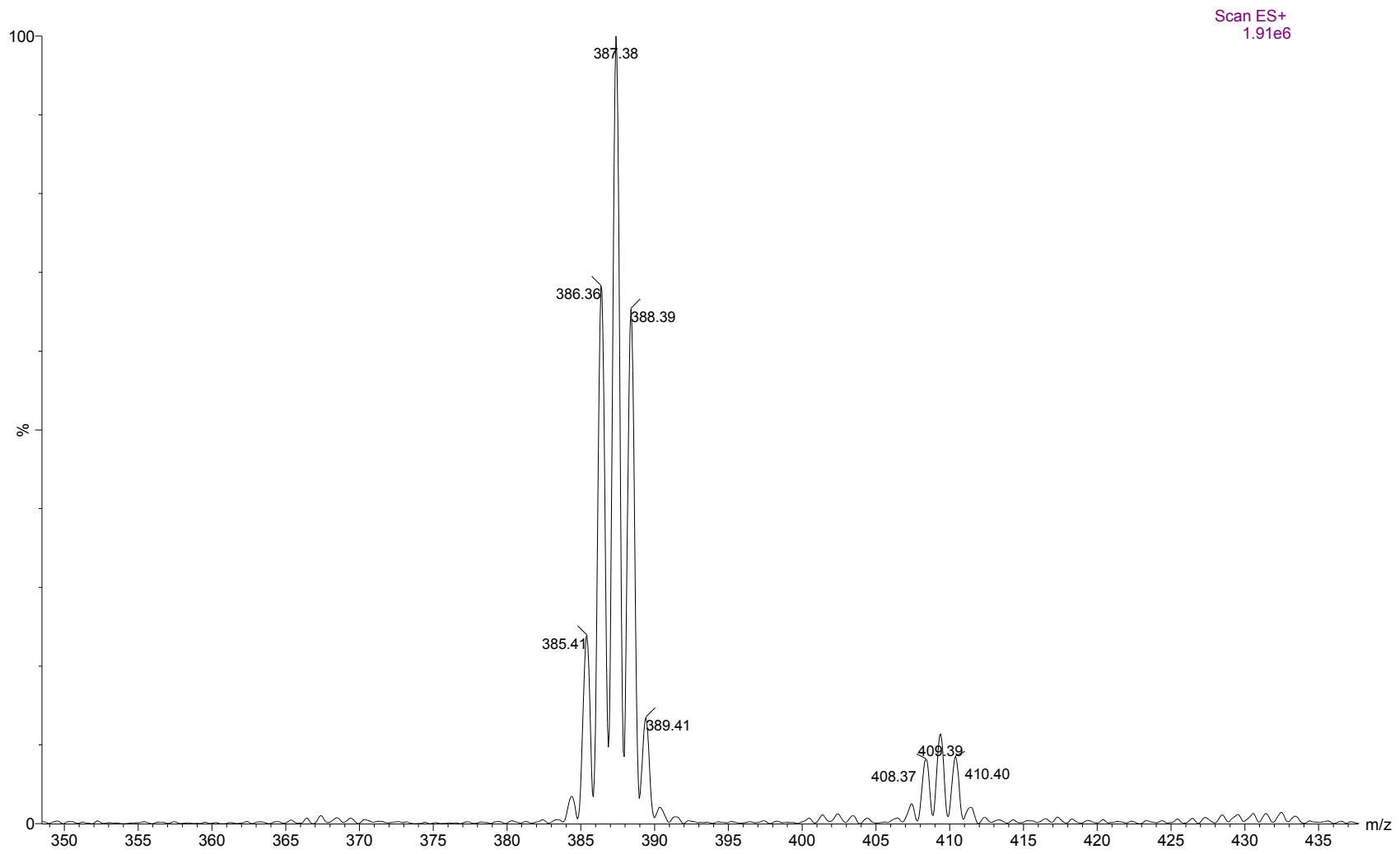
Fludrocortisone-D6 (major)
1H-NMR, 600 MHz
Solvent: DMSO-d6
Lot No.: GR-4-129



Scan ES+
1.91e6



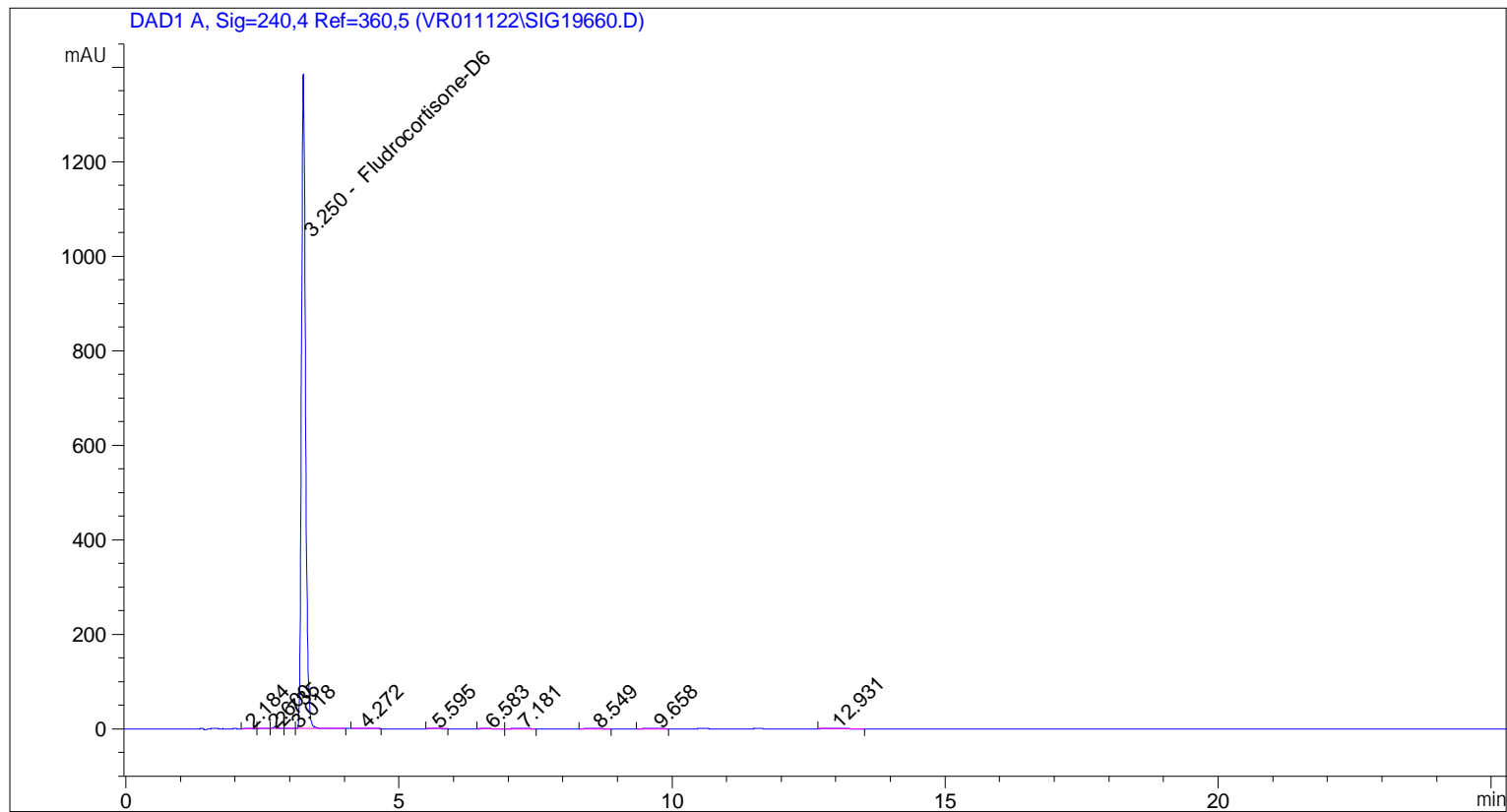
ESI-MS spectrum for sample GR-4-129. Shows monoisotopic $[M+H]^+$ mass.



Expansion of above.

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 54
Injection Date  : 3/15/2022 8:54:20 AM
                                           Inj Volume : 5.0 µl
Acq. Method    : C:\CHEM32\1\METHODS\VR031522_129.M
Last changed   : 3/15/2022 8:53:15 AM by vrusu
Analysis Method: C:\CHEM32\1\METHODS\VR031522_129PM.M
Last changed   : 3/15/2022 9:53:53 AM by vrusu
  
```



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 Area Percent Report
 =====

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Sorted By           :      Signal
Calib. Data Modified :      3/15/2022 9:43:21 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	2.184	BB	0.0955	1.45550	0.0200	?
2	2.600	BV	0.0879	2.29058	0.0315	?
3	2.735	VV	0.0894	23.07440	0.3172	?
4	3.018	VB	0.1096	1.04874	0.0144	?
5	3.250	BB	0.0804	7203.30713	99.0084	Fludrocortisone-D6
6	4.272	BB	0.1734	4.97665	0.0684	?
7	5.595	BB	0.1387	1.53856	0.0211	?
8	6.583	BB	0.1374	1.79005	0.0246	?

Sample Name: GR-4-129

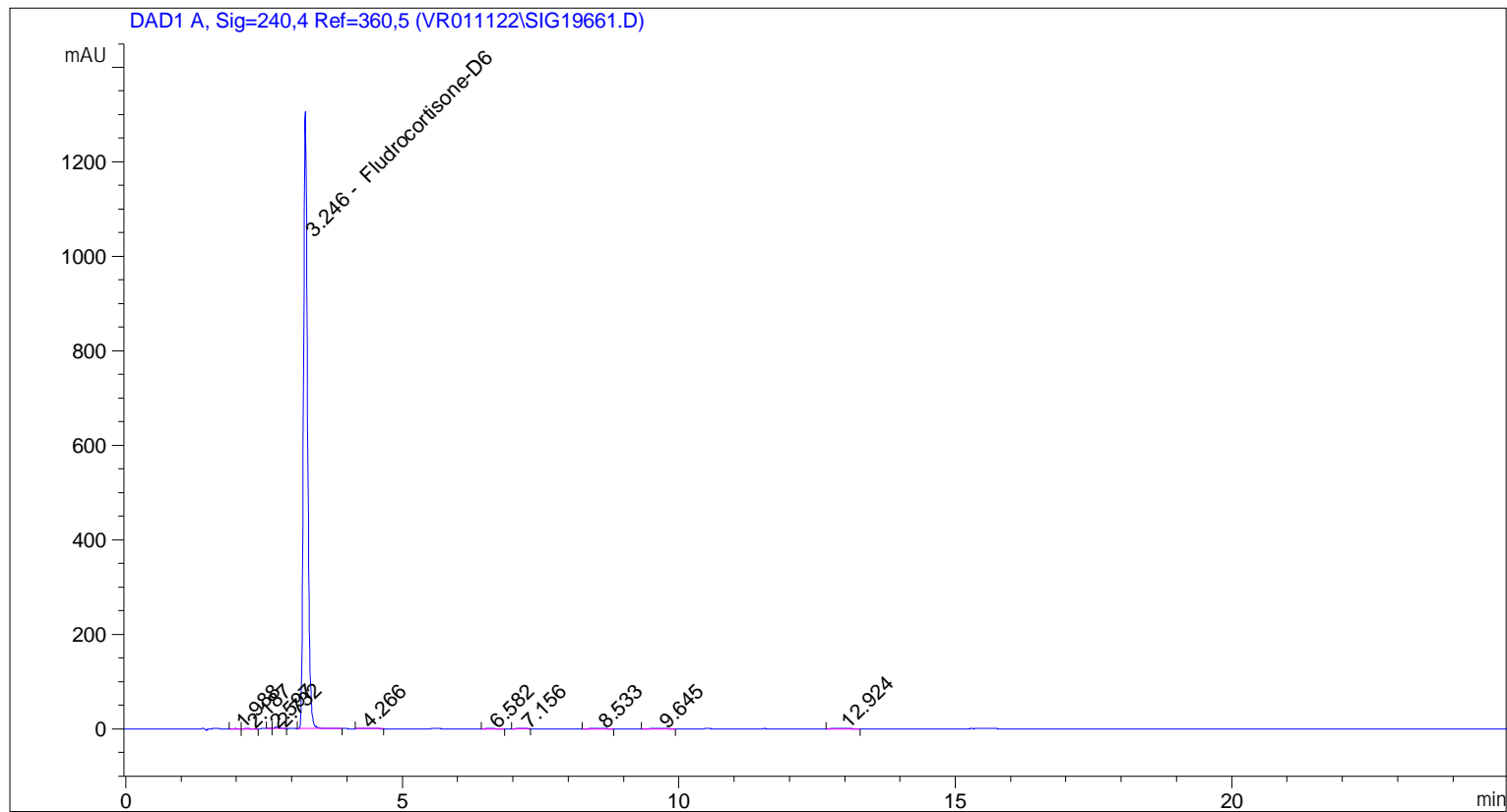
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	7.181	BB	0.1744	5.10822	0.0702	?
10	8.549	BB	0.1756	13.31408	0.1830	?
11	9.658	BB	0.2074	9.94196	0.1367	?
12	12.931	BB	0.2374	7.60529	0.1045	?

Totals : 7275.45117

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*** End of Report ***

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 55
Injection Date  : 3/15/2022 9:22:33 AM
                                           Inj Volume : 5.0 µl
Acq. Method    : C:\CHEM32\1\METHODS\VR031522_129.M
Last changed   : 3/15/2022 9:21:28 AM by vrusu
Analysis Method: C:\CHEM32\1\METHODS\VR031522_129PM.M
Last changed   : 3/15/2022 9:53:53 AM by vrusu
  
```



Area Percent Report

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Sorted By      : Signal
Calib. Data Modified : 3/15/2022 9:43:21 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	1.988	BV	0.0783	6.03056e-1	8.855e-3	?
2	2.187	VB	0.0904	1.37955	0.0203	?
3	2.597	BV	0.0548	7.92039e-1	0.0116	?
4	2.732	VB	0.0856	20.16219	0.2960	?
5	3.246	VB	0.0783	6751.62988	99.1369	Fludrocortisone-D6
6	4.266	BB	0.1898	4.71935	0.0693	?
7	6.582	BB	0.1300	1.74952	0.0257	?
8	7.156	BB	0.1190	2.34320	0.0344	?

Sample Name: GR-4-129 spl-2

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	8.533	BB	0.1837	12.23688	0.1797	?
10	9.645	BB	0.1968	9.05647	0.1330	?
11	12.924	BB	0.2125	5.73626	0.0842	?

Totals : 6810.40839

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*** End of Report ***