

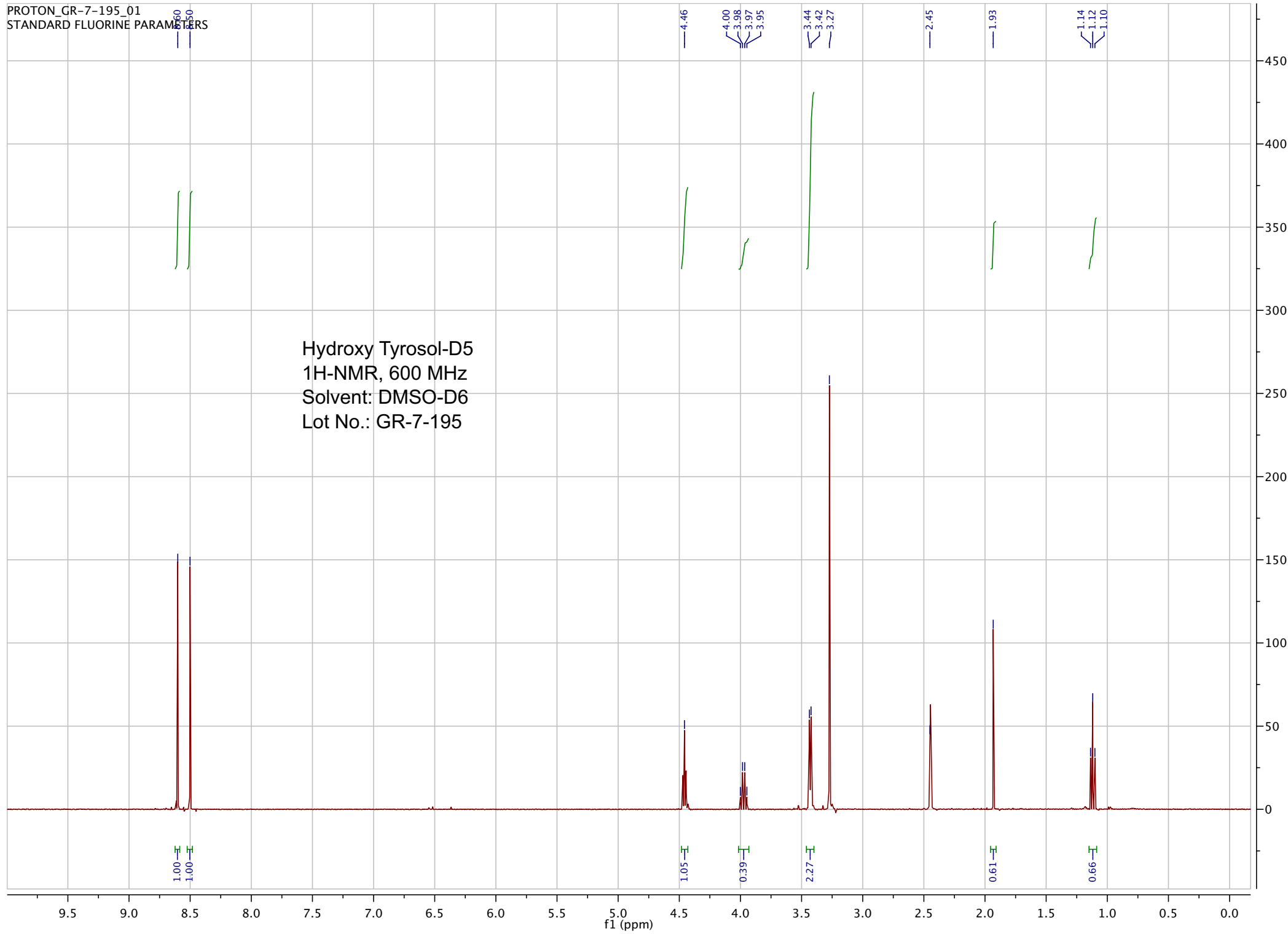
Name:	Hydroxy Tyrosol-D5 (4-(2-Hydroxyethyl)-1,2-benzenediol-d5; 2-(3,4-Dihydroxyphenyl)ethanol-d5; 2-(3,4-Dihydroxyphenyl)ethyl Alcohol-d5; 3-Hydroxytyrosol-d5; Homoprotocatechuy Alcohol-d5; β-(3,4-Dihydroxyphenyl)ethanol-d5; 3,4-DHPEA-d5)
Lot#:	GR-7-195
Test Date:	11/09/2020 (re-test date: 11/09/2025)
CAS No.:	10597-60-1 (unlabelled)
MF:	C ₈ H ₅ D ₅ O ₃
MW:	159.13
Appearance:	Yellow oil
Purity:	98.3% by HPLC (average of two sample preparations)
¹H-NMR:	Conforms (contains 10.8% EtOAc)
MS-ESI (-)	Conforms (shows peak at m/z = 158.20 [M-H] ⁻)
Storage	Store at -18°C in a dry place away from direct sunlight

Approved by:

Date: 11/10/2020



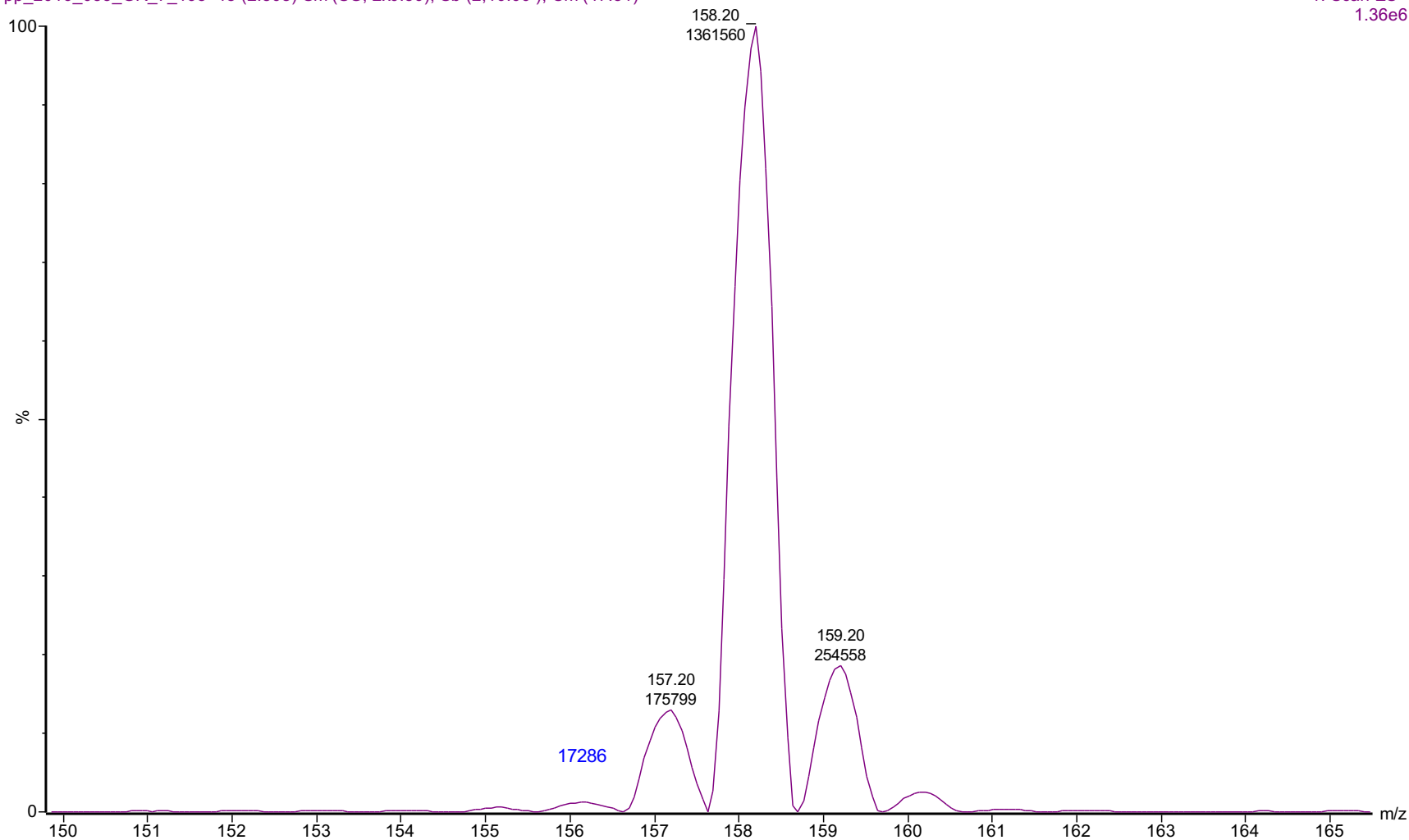
Viorica Rusu, QC/QA Manager



12-Apr-2016, 09:37:12

1: Scan ES-
1.36e6

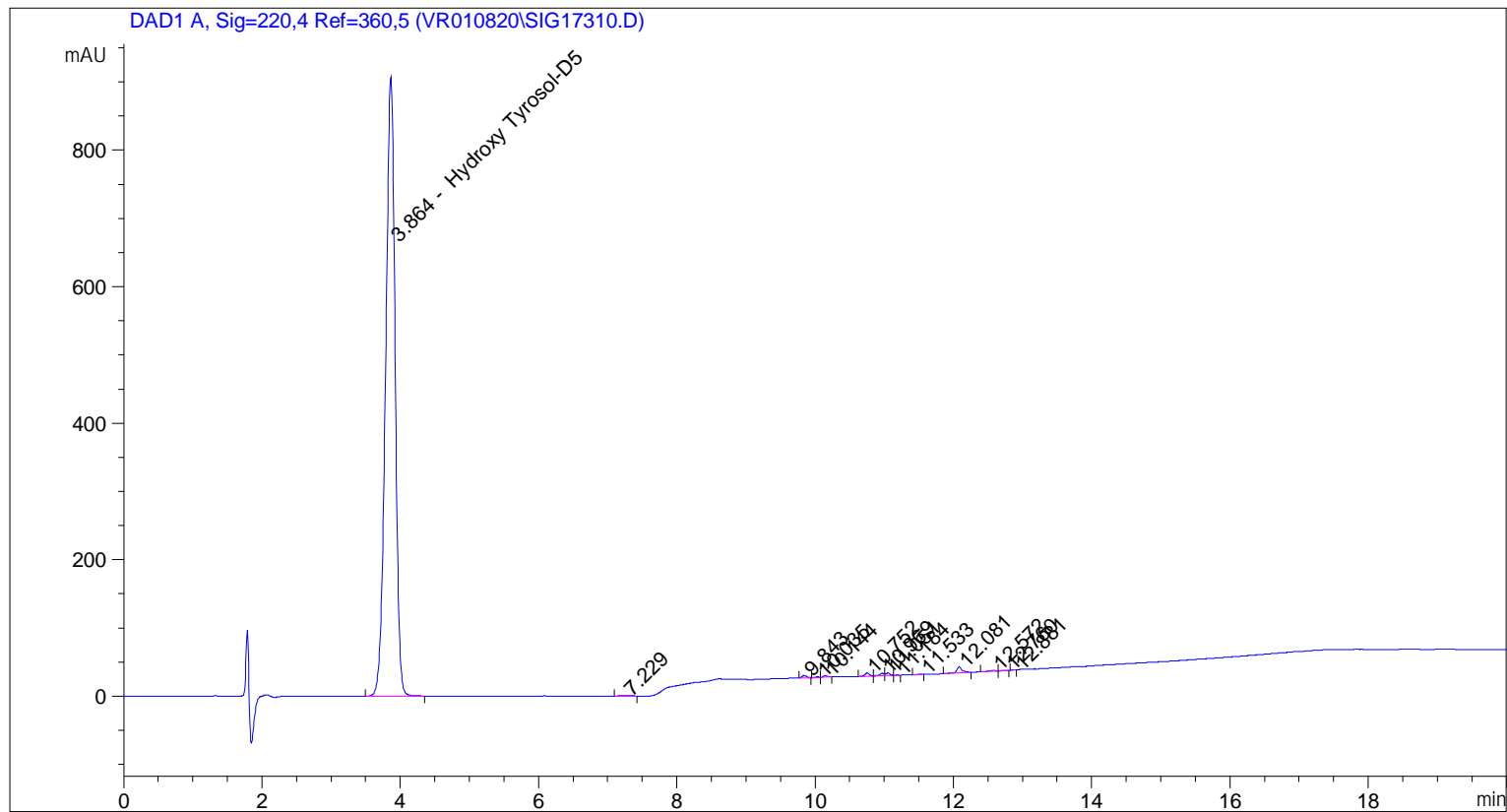
pp_2016_035_GR_7_195 48 (2.808) Sm (SG, 2x0.50); Sb (2,10.00); Cm (47:51)



ESI-MS spectrum for sample GR-7-195. Shows monoisotopic [M-H]⁻ mass.

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 19
Injection Date  : 11/9/2020 10:13:36 AM
                                           Inj Volume : 5.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR110620_195.M
Last changed    : 11/9/2020 10:12:20 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR110920_195PM.M
Last changed    : 11/9/2020 1:29:28 PM by vrusu
  
```



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 Area Percent Report
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Sorted By           :      Signal
Calib. Data Modified :      11/9/2020 1:25:23 PM
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	3.864	BB	0.1473	8660.09473	98.3029	Hydroxy Tyrosol-D5
2	7.229	BB	0.1412	7.03011	0.0798	?
3	9.843	BB	0.0643	14.34999	0.1629	?
4	10.035	BV	0.0623	2.98398	0.0339	?
5	10.144	VB	0.0660	9.91880	0.1126	?
6	10.752	BV	0.0715	22.30835	0.2532	?
7	10.969	VV	0.0648	15.63708	0.1775	?
8	11.051	VB	0.0662	14.45588	0.1641	?

Sample Name: GR-7-195

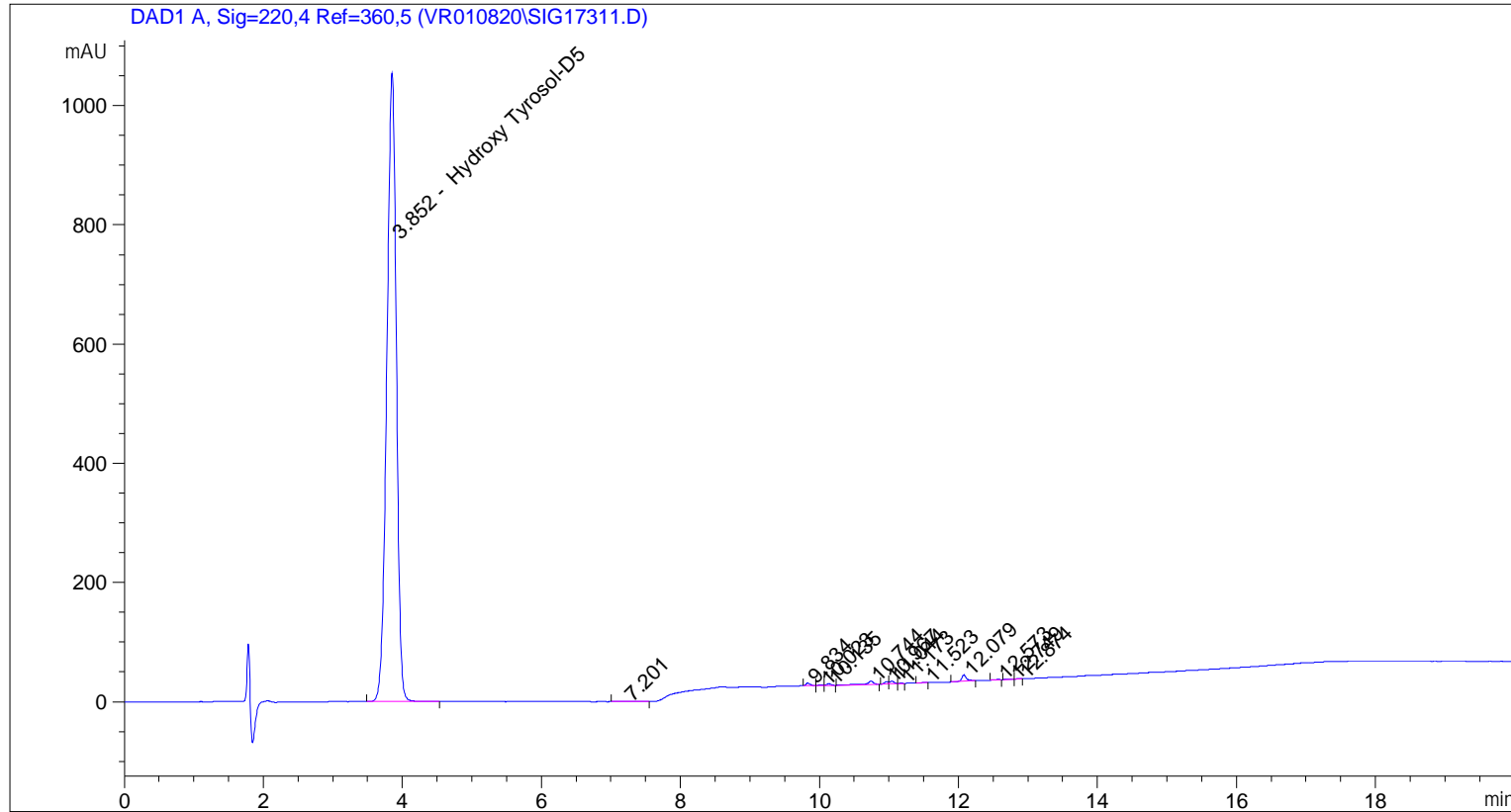
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	11.184	BB	0.0443	6.86591e-1	7.794e-3	?
10	11.533	BB	0.0812	1.73298	0.0197	?
11	12.081	BB	0.0788	49.12682	0.5577	?
12	12.572	BV	0.0971	7.23115	0.0821	?
13	12.760	VB	0.0807	2.50743	0.0285	?
14	12.881	BB	0.0507	1.53714	0.0174	?

Totals : 8809.60101

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*** End of Report ***

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 20
Injection Date  : 11/9/2020 10:43:40 AM
                                           Inj Volume : 5.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR110620_195.M
Last changed    : 11/9/2020 10:40:28 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR110920_195PM.M
Last changed    : 11/9/2020 1:29:28 PM by vrusu
  
```



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 Area Percent Report
 =====

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Sorted By           :      Signal
Calib. Data Modified :      11/9/2020 1:25:23 PM
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	3.852	BB	0.1471	1.00397e4	98.2377	Hydroxy Tyrosol-D5
2	7.201	BB	0.1721	11.29484	0.1105	?
3	9.834	BV	0.0682	18.17279	0.1778	?
4	10.023	VV	0.0663	4.50262	0.0441	?
5	10.135	VB	0.0656	11.42994	0.1118	?
6	10.744	BB	0.0956	38.08639	0.3727	?
7	10.967	BV	0.0589	14.87646	0.1456	?
8	11.044	VB	0.0667	17.34678	0.1697	?

Sample Name: GR-7-195 spl 2

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	11.173	BB	0.0445	7.56786e-1	7.405e-3	?
10	11.523	BB	0.0637	1.59992	0.0157	?
11	12.079	BB	0.0748	53.33709	0.5219	?
12	12.573	BB	0.0713	3.24558	0.0318	?
13	12.749	BV	0.0823	3.20615	0.0314	?
14	12.874	VB	0.0496	2.24915	0.0220	?

Totals : 1.02198e4

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*** End of Report ***