

Data file: D:\Chem32\6\Data\khlv498 2019-08-01 19-17-03\005-3-Spl 2614579.D

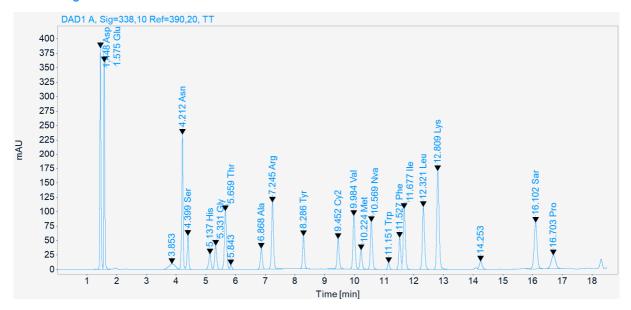
Sample name: Spl 2614579

**Description:** 

Sample amount: 0.000 Sample type: Sample

**Instrument:** LC\_QC\_HPLC-500025 **Location:** 3 8/1/2019 9:34:27 PM Injection: 1 of 1 Injection date: Acq. method: AAA\_ISTD.M Injection volume: Inj. program **Analysis method:** AAA ISTD.M Acq. operator: Seal, Christopher

Last changed: 8/2/2019 9:30:16 AM





Signal:	DAD	1 A, Sig=338,1	0 Ref=390,20	0, TT		
RT [min]	Type	Width [min]	Area	Height	Area%	Name
1.448	BV	0.0386	971.8366	383.4493	10.4612	Asp
1.575	VV	0.0401	894.7125	359.0154	9.6310	Glu
3.853	BV	0.2024	150.5239	9.7912	1.6203	
4.212	VV	0.0465	731.8390	234.2023	7.8778	Asn
4.399	VB	0.0558	218.6860	58.2513	2.3540	Ser
5.137	BV	0.0811	140.2018	26.3289	1.5092	His
5.331	VB	0.0752	200.3327	40.8382	2.1564	Gly
5.659	BV	0.0777	508.2786	101.0147	5.4713	Thr
5.843	VB	0.0702	33.6668	7.3868	0.3624	
6.868	BV	0.0712	167.1379	36.0065	1.7991	Ala
7.245	VV	0.0702	527.0401	115.5228	5.6732	Arg
8.286	BB	0.0673	249.9877	56.8293	2.6909	Tyr
9.452	BV	0.0768	264.7233	52.5534	2.8496	Cy2
9.984	BV	0.0730	444.4607	92.5163	4.7843	Val
10.224	VB	0.0728	158.3266	33.0968	1.7043	Met
10.569	BV	0.0750	399.6324	81.7759	4.3018	Nva
11.151	VB	0.0709	51.9563	11.2421	0.5593	Trp
11.527	BV	0.0718	257.2868	54.7995	2.7695	Phe
11.677	VB	0.0787	537.3911	105.0754	5.7847	lle
12.321	BB	0.0795	562.4610	108.3952	6.0545	Leu
12.809	BB	0.0836	927.8177	170.2618	9.9873	Lys
14.253	VV	0.1055	94.5594	13.8714	1.0179	
16.102	VV	0.1072	557.4307	80.0470	6.0004	Sar
16.703	VB	0.1733	239.6537	23.0459	2.5797	Pro
		Sum	9289.9433			



Data file: D:\Chem32\6\Data\khlv498 2019-08-01 19-17-03\006-4-Spl 2614580.D

Sample name: Spl 2614580

**Description:** 

Sample amount: 0.000 Sample type: Sample

**Instrument:** LC\_QC\_HPLC-500025 **Location:** 4 8/1/2019 10:10:07 PM Injection: 1 of 1 Injection date: Acq. method: AAA\_ISTD.M Injection volume: Inj. program **Analysis method:** AAA ISTD.M Acq. operator: Seal, Christopher 8/2/2019 9:30:16 AM Last changed:

DAD1 A, Sig=338,10 Ref=390,20, TT 425 400 375 350 325 300 275 250 225 200 175 150 125 →16.703 Pro 100 75 50 25 2 9 10 17 8 12 15 16 18

Time [min]



Signal:	DAD	1 A, Sig=338,1	0 Ref=390,20	O, TT		
RT [min]	Туре	Width [min]	Area	Height	Area%	Name
1.449	BV	0.0400	1036.2435	403.5240	11.0139	Asp
1.574	VV	0.0415	931.2974	368.1276	9.8985	Glu
3.854	BV	0.2003	151.8448	9.8272	1.6139	
4.213	VV	0.0475	726.7691	232.4973	7.7246	Asn
4.401	VB	0.0568	225.9558	60.1759	2.4016	Ser
5.142	BV	0.0803	150.0433	28.1014	1.5948	His
5.335	VB	0.0752	207.9072	42.4343	2.2098	Gly
5.662	BV	0.0769	565.2659	111.9558	6.0080	Thr
5.845	VB	0.0684	37.6644	8.3857	0.4003	
6.864	ВВ	0.0708	175.0640	37.9628	1.8607	Ala
7.240	BV	0.0690	545.4363	119.9760	5.7973	Arg
8.287	VV	0.0670	257.8739	58.9942	2.7409	Tyr
9.450	VV	0.0742	261.3719	53.3134	2.7780	Cy2
9.978	BV	0.0728	459.6139	96.0490	4.8851	Val
10.218	VB	0.0729	146.4060	30.5322	1.5561	Met
10.561	BV	0.0736	401.7856	82.7905	4.2705	Nva
11.137	VB	0.0705	53.4833	11.6674	0.5685	Trp
11.511	BV	0.0717	277.2046	59.0808	2.9463	Phe
11.662	VB	0.0781	565.7433	109.8984	6.0131	lle
12.310	ВВ	0.0794	523.8690	101.1943	5.5680	Leu
12.801	ВВ	0.0843	840.6227	154.8317	8.9347	Lys
14.255	VB	0.1051	51.9523	7.4709	0.5522	
16.101	VB	0.1053	568.3636	82.5584	6.0410	Sar
16.703	BP	0.1621	246.7050	23.7748	2.6222	Pro
		Sum	9408.4868			



Data file: D:\Chem32\6\Data\khlv498 2019-08-01 19-17-03\007-5-Spl 2614581.D

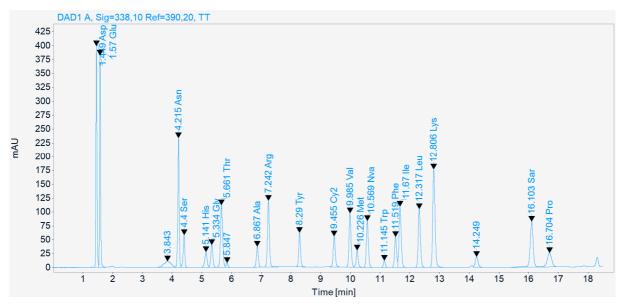
Sample name: Spl 2614581

**Description:** 

Sample amount: 0.000 Sample type: Sample

**Instrument:** LC\_QC\_HPLC-500025 **Location:** 5 8/1/2019 10:45:47 PM Injection: 1 of 1 Injection date: Acq. method: AAA\_ISTD.M Injection volume: Inj. program **Analysis method:** AAA ISTD.M Acq. operator: Seal, Christopher

**Last changed:** 8/2/2019 9:30:16 AM





Signal: D.	AD1 A, Sig=338,1	10 Ref=390,20	), TT		
RT [min] Ty	pe Width [min]	Area	Height	Area%	Name
1.449 BV	0.0400	1024.1375	398.6437	10.5621	Asp
1.570 VV	0.0395	935.0362	382.4635	9.6432	Glu
3.843 BV	0.2218	189.0331	11.4390	1.9495	
4.215 VV	0.0471	722.7501	233.7700	7.4538	Asn
4.400 VB	0.0579	225.9092	58.7160	2.3298	Ser
5.141 BV	0.0821	151.5944	27.6092	1.5634	His
5.334 VB	0.0755	200.4552	40.6497	2.0673	Gly
5.661 BV	0.0785	570.0090	111.7803	5.8786	Thr
5.847 VB	0.0692	38.3819	8.4104	0.3958	
6.867 BB	0.0708	172.1892	37.3567	1.7758	Ala
7.242 BV	0.0701	543.2687	119.4455	5.6028	Arg
8.290 BV	0.0669	267.9586	61.4588	2.7635	Tyr
9.455 VV	0.0742	272.8489	55.6846	2.8139	Cy2
9.985 BV	0.0741	466.3104	97.0568	4.8091	Val
10.226 VB	0.0729	145.8871	30.4334	1.5046	Met
10.569 BV	0.0745	404.9445	83.6157	4.1762	Nva
11.145 VB	0.0705	55.0127	11.9863	0.5674	Trp
11.519 BV	0.0726	257.8521	55.1360	2.6593	Phe
11.670 VB	0.0789	563.8232	109.7620	5.8148	lle
12.317 BB	0.0794	544.2391	105.1732	5.6128	Leu
12.806 BB	0.0852	974.1140	176.9637	10.0462	Lys
14.249 VV	0.1038	130.8054	19.3665	1.3490	
16.103 BV	0.1090	583.6584	82.0396	6.0193	Sar
16.704 VB	0.1731	256.1527	24.6695	2.6417	Pro
	Sum	9696.3715			



Data file: D:\Chem32\6\Data\khlv498 2019-08-01 19-17-03\008-6-Spl 2622599.D

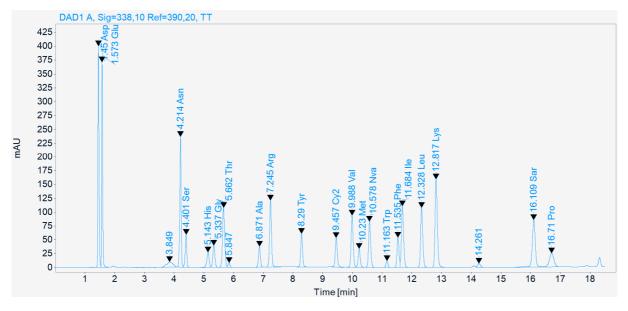
Sample name: Spl 2622599

**Description:** 

Sample amount: 0.000 Sample type: Sample

**Instrument:** LC\_QC\_HPLC-500025 **Location:** 6 8/1/2019 11:21:28 PM Injection: 1 of 1 Injection date: Acq. method: AAA\_ISTD.M Injection volume: Inj. program **Analysis method:** AAA ISTD.M Acq. operator: Seal, Christopher

**Last changed:** 8/2/2019 9:30:16 AM





Signal:	DAD	1 A, Sig=338,1	0 Ref=390,20	0, TT		
RT [min]	Type	Width [min]	Area	Height	Area%	Name
1.450	BV	0.0400	1028.0231	399.5944	10.9132	Asp
1.573	VV	0.0400	921.3306	370.6469	9.7806	Glu
3.849	ВВ	0.2001	144.7542	9.6451	1.5367	
4.214	BV	0.0469	726.9725	236.4281	7.7174	Asn
4.401	VB	0.0561	216.8439	58.6427	2.3020	Ser
5.143	BV	0.0812	147.6479	27.2536	1.5674	His
5.337	VB	0.0752	193.1967	39.4117	2.0509	Gly
5.662	BV	0.0769	542.9643	107.5257	5.7640	Thr
5.847	VB	0.0690	37.1707	8.1877	0.3946	
6.871	ВВ	0.0710	172.5411	37.3117	1.8317	Ala
7.245	BV	0.0700	546.8115	120.2850	5.8048	Arg
8.290	BV	0.0671	264.0733	60.2464	2.8033	Tyr
9.457	VV	0.0757	262.0844	52.9528	2.7822	Cy2
9.988	BV	0.0741	450.3476	93.6280	4.7808	Val
10.230	VB	0.0741	159.8615	33.2180	1.6971	Met
10.578	ВВ	0.0753	405.6294	82.6376	4.3061	Nva
11.163	VB	0.0711	52.1877	11.4679	0.5540	Trp
11.535	BV	0.0710	250.7974	54.1392	2.6624	Phe
11.684	VB	0.0786	566.2347	110.8959	6.0110	lle
12.328	BB	0.0792	556.7803	107.8884	5.9106	Leu
12.817	ВВ	0.0845	865.0807	158.9559	9.1835	Lys
14.261	VV	0.1066	49.8068	7.0388	0.5287	
16.109	BV	0.1079	602.3119	84.7681	6.3940	Sar
16.710	VB	0.1743	256.5085	24.5345	2.7230	Pro
		Sum	9419.9606			



Data file: D:\Chem32\6\Data\khlv498 2019-08-01 19-17-03\009-7-Spl 2622600.D

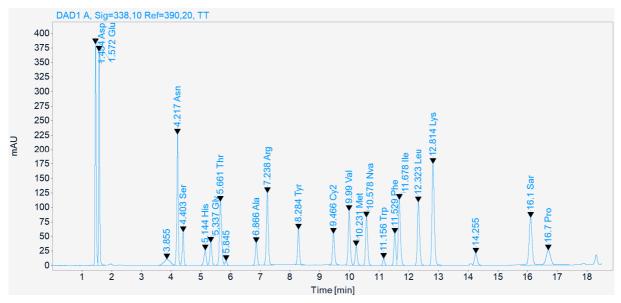
Sample name: Spl 2622600

**Description:** 

Sample amount: 0.000 Sample type: Sample

**Instrument:** LC\_QC\_HPLC-500025 **Location:** 7 8/1/2019 11:57:11 PM Injection: 1 of 1 Injection date: Acq. method: AAA\_ISTD.M Injection volume: Inj. program **Analysis method:** AAA ISTD.M Acq. operator: Seal, Christopher

**Last changed:** 8/2/2019 9:30:16 AM





Signal:	DAD	1 A, Sig=338,1	0 Ref=390,20	), TT		
RT [min]	Туре	Width [min]	Area	Height	Area%	Name
1.454	BV	0.0408	1004.4466	380.6895	10.3933	Asp
1.572	VV	0.0404	927.6144	368.5541	9.5983	Glu
3.855	BV	0.2042	164.9321	10.6164	1.7066	
4.217	VV	0.0464	705.3300	226.3637	7.2982	Asn
4.403	VB	0.0563	217.5446	57.3362	2.2510	Ser
5.144	BV	0.0827	142.6019	26.0973	1.4755	His
5.337	VB	0.0753	192.1449	39.1487	1.9882	Gly
5.661	BV	0.0780	555.2210	109.8015	5.7450	Thr
5.845	VB	0.0687	36.5955	8.0992	0.3787	
6.866	BV	0.0710	177.8825	38.4144	1.8406	Ala
7.238	BV	0.0696	558.6201	123.9010	5.7802	Arg
8.284	VV	0.0674	269.4187	61.1779	2.7877	Tyr
9.466	VV	0.0743	267.1779	54.4085	2.7646	Cy2
9.990	BV	0.0729	448.2490	93.4814	4.6381	Val
10.231	VB	0.0729	157.3790	32.8369	1.6284	Met
10.578	BB	0.0740	403.9716	82.6446	4.1800	Nva
11.156	VB	0.0700	52.9691	11.6511	0.5481	Trp
11.529	BV	0.0712	254.4364	54.7741	2.6327	Phe
11.678	VB	0.0787	579.3058	113.1654	5.9942	lle
12.323	BB	0.0795	566.2347	109.1040	5.8590	Leu
12.814	BB	0.0852	962.1344	174.7094	9.9554	Lys
14.255	VV	0.1042	138.9538	20.4684	1.4378	
16.100	VV	0.1092	585.4880	82.1020	6.0582	Sar
16.700	VB	0.1934	295.7592	25.4886	3.0603	Pro
		Sum	9664.4110			



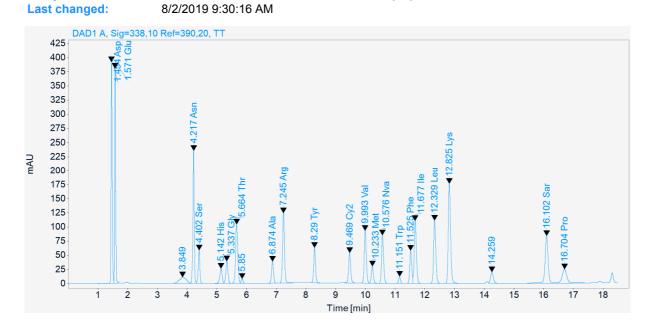
Data file: D:\Chem32\6\Data\khlv498 2019-08-01 19-17-03\010-8-Spl 2622601.D

Sample name: Spl 2622601

**Description:** 

Sample amount: 0.000 Sample type: Sample

**Instrument:** LC\_QC\_HPLC-500025 **Location:** 8 8/2/2019 12:32:55 AM Injection: 1 of 1 Injection date: Acq. method: AAA\_ISTD.M Injection volume: Inj. program **Analysis method:** AAA ISTD.M Acq. operator: Seal, Christopher





Signal:	DAD	1 A, Sig=338,1	0 Ref=390,20	D, TT		
RT [min]	Type	Width [min]	Area	Height	Area%	Name
1.454	BV	0.0408	1032.4993	391.2181	10.5559	Asp
1.571	VB	0.0411	946.8340	380.1844	9.6801	Glu
3.849	BV	0.2157	182.7342	11.2952	1.8682	
4.217	VV	0.0470	725.5134	235.1417	7.4174	Asn
4.402	VB	0.0567	225.0520	58.7741	2.3009	Ser
5.142	BV	0.0835	147.2100	26.2191	1.5050	His
5.337	VB	0.0770	194.4969	39.1184	1.9885	Gly
5.664	BV	0.0782	529.8620	104.3852	5.4171	Thr
5.850	VB	0.0691	36.0985	7.9317	0.3691	
6.874	BB	0.0708	177.3410	38.4521	1.8131	Ala
7.245	BV	0.0696	558.4557	123.7820	5.7095	Arg
8.290	BV	0.0672	273.8592	62.3611	2.7998	Tyr
9.469	VV	0.0754	263.3664	53.5201	2.6926	Cy2
9.993	BV	0.0729	445.2475	92.8630	4.5521	Val
10.233	VB	0.0728	143.5189	29.9859	1.4673	Met
10.576	BV	0.0745	410.8538	84.8574	4.2004	Nva
11.151	VB	0.0703	53.9267	11.8149	0.5513	Trp
11.525	BV	0.0728	272.5400	58.0010	2.7864	Phe
11.677	VB	0.0793	572.5886	110.8002	5.8539	lle
12.329	BB	0.0801	583.4448	111.4792	5.9649	Leu
12.825	BB	0.0850	967.9020	176.4694	9.8955	Lys
14.259	VV	0.1038	134.6086	19.9293	1.3762	
16.102	BV	0.1120	616.8057	83.7022	6.3060	Sar
16.704	VB	0.1957	286.4892	24.4004	2.9290	Pro
		Sum	9781.2483			