

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090719\
 Data File : FF005464.D
 Signal(s) : FID2B.ch
 Acq On : 07 Sep 2019 15:32
 Sample : K4762-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090319.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.357	2.324	2.376	BV	116	773	0.01%	0.000%
2	2.381	2.376	2.389	PV	95	409	0.00%	0.000%
3	2.395	2.389	2.431	VV	114	2869	0.02%	0.001%
4	2.446	2.431	2.486	VV	248	5685	0.05%	0.003%
5	2.499	2.486	2.521	VV	603	7027	0.06%	0.003%
6	2.535	2.521	2.572	VV	587	5839	0.05%	0.003%
7	2.594	2.572	2.612	PV	386	4301	0.04%	0.002%
8	2.623	2.612	2.659	VV	304	5135	0.04%	0.002%
9	2.663	2.659	2.678	VV	195	1643	0.01%	0.001%
10	2.687	2.678	2.711	VV	187	2858	0.02%	0.001%
11	2.719	2.711	2.737	VV	236	3150	0.03%	0.002%
12	2.742	2.737	2.758	VV	311	2055	0.02%	0.001%
13	2.762	2.758	2.775	PV	139	898	0.01%	0.000%
14	2.780	2.775	2.792	VV	142	595	0.01%	0.000%
15	2.815	2.792	2.851	VV	495	9435	0.08%	0.005%
16	2.854	2.851	2.874	VV	214	2034	0.02%	0.001%
17	2.885	2.874	2.902	VV	303	3733	0.03%	0.002%
18	2.917	2.902	2.935	VV	273	3933	0.03%	0.002%
19	2.938	2.935	2.975	VV	196	3062	0.03%	0.001%
20	2.992	2.975	3.002	VV	291	3068	0.03%	0.001%
21	3.007	3.002	3.016	VV	225	1368	0.01%	0.001%
22	3.036	3.016	3.056	VV	377	5373	0.05%	0.003%
23	3.063	3.056	3.067	VV	186	899	0.01%	0.000%
24	3.078	3.067	3.099	VV	280	4188	0.04%	0.002%
25	3.104	3.099	3.155	VV	342	5206	0.04%	0.003%
26	3.164	3.155	3.172	VV	149	896	0.01%	0.000%
27	3.184	3.172	3.190	VV	161	1505	0.01%	0.001%
28	3.211	3.190	3.216	VV	238	3028	0.03%	0.001%
29	3.235	3.216	3.272	VV	423	8963	0.08%	0.004%
30	3.287	3.272	3.297	VV	444	4333	0.04%	0.002%
31	3.304	3.297	3.316	VV	310	2229	0.02%	0.001%
32	3.319	3.316	3.347	VV	190	1358	0.01%	0.001%
33	3.351	3.347	3.391	VV	76	1462	0.01%	0.001%
34	3.393	3.391	3.401	VV	120	549	0.00%	0.000%
35	3.408	3.401	3.422	VV	169	1537	0.01%	0.001%
36	3.430	3.422	3.434	VV	175	902	0.01%	0.000%

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37	3.436	3.434	3.441	VV	180	570	0.00%	0.000%
38	3.446	3.441	3.459	VV	153	1074	0.01%	0.001%
39	3.471	3.459	3.477	VV	236	1734	0.01%	0.001%
40	3.486	3.477	3.532	VV	252	3719	0.03%	0.002%
41	3.551	3.532	3.556	PV	312	2689	0.02%	0.001%
42	3.560	3.556	3.565	VV	359	1591	0.01%	0.001%
43	3.582	3.565	3.611	VV	890	12050	0.10%	0.006%
44	3.617	3.611	3.637	VV	273	2222	0.02%	0.001%
45	3.661	3.637	3.697	VV	537	10660	0.09%	0.005%
46	3.703	3.697	3.707	VV	239	1304	0.01%	0.001%
47	3.730	3.707	3.748	VV	340	5985	0.05%	0.003%
48	3.753	3.748	3.766	VV	253	2339	0.02%	0.001%
49	3.782	3.766	3.813	VV	352	6667	0.06%	0.003%
50	3.821	3.813	3.847	VV	315	3400	0.03%	0.002%
51	3.868	3.847	3.898	VV	441	8285	0.07%	0.004%
52	3.903	3.898	3.912	VV	186	1209	0.01%	0.001%
53	3.915	3.912	3.921	VV	148	466	0.00%	0.000%
54	3.936	3.921	3.940	VV	205	1527	0.01%	0.001%
55	3.963	3.940	4.039	VV	6262	161952	1.38%	0.078%
56	4.045	4.039	4.092	VV	1415	33144	0.28%	0.016%
57	4.123	4.092	4.145	VV	942	24550	0.21%	0.012%
58	4.160	4.145	4.185	VV	908	17917	0.15%	0.009%
59	4.190	4.185	4.207	VV	650	7816	0.07%	0.004%
60	4.213	4.207	4.229	VV	541	6460	0.06%	0.003%
61	4.237	4.229	4.244	VV	504	3905	0.03%	0.002%
62	4.249	4.244	4.261	VV	485	4624	0.04%	0.002%
63	4.267	4.261	4.274	VV	522	3617	0.03%	0.002%
64	4.276	4.274	4.288	VV	490	3399	0.03%	0.002%
65	4.304	4.288	4.339	VV	542	13842	0.12%	0.007%
66	4.356	4.339	4.381	VV	1058	16239	0.14%	0.008%
67	4.392	4.381	4.412	VV	677	9182	0.08%	0.004%
68	4.418	4.412	4.420	VV	493	2121	0.02%	0.001%
69	4.425	4.420	4.443	VV	559	6559	0.06%	0.003%
70	4.456	4.443	4.487	VV	497	9828	0.08%	0.005%
71	4.505	4.487	4.537	VV	1657	23338	0.20%	0.011%
72	4.553	4.537	4.568	VV	644	8683	0.07%	0.004%
73	4.579	4.568	4.597	VV	480	6736	0.06%	0.003%
74	4.610	4.597	4.624	VV	695	7356	0.06%	0.004%
75	4.639	4.624	4.699	VV	523	13400	0.11%	0.006%
76	4.705	4.699	4.710	VV	209	1166	0.01%	0.001%
77	4.726	4.710	4.746	VV	418	5684	0.05%	0.003%
78	4.768	4.746	4.778	VV	432	6537	0.06%	0.003%
79	4.783	4.778	4.807	VV	317	4461	0.04%	0.002%
80	4.825	4.807	4.874	VV	581	11876	0.10%	0.006%
81	4.878	4.874	4.906	VV	239	3037	0.03%	0.001%
82	4.908	4.906	4.910	VV	163	334	0.00%	0.000%
83	4.915	4.910	4.926	VV	221	1261	0.01%	0.001%
84	4.951	4.926	4.958	PV	476	4755	0.04%	0.002%
85	4.962	4.958	4.972	VV	469	3250	0.03%	0.002%
86	4.979	4.972	4.994	VV	371	4035	0.03%	0.002%
87	5.002	4.994	5.025	VV	319	4393	0.04%	0.002%
88	5.044	5.025	5.057	VV	436	6243	0.05%	0.003%
89	5.072	5.057	5.086	VV	749	8490	0.07%	0.004%

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90	5.094	5.086	5.113	VV	584	7111	0.06%	0.003%
91	5.120	5.113	5.136	VV	378	3316	0.03%	0.002%
92	5.164	5.136	5.178	VV	215	3159	0.03%	0.002%
93	5.195	5.178	5.206	PV	259	2150	0.02%	0.001%
94	5.226	5.206	5.247	VV	613	9912	0.08%	0.005%
95	5.251	5.247	5.264	VV	394	2743	0.02%	0.001%
96	5.281	5.264	5.298	VV	1181	12072	0.10%	0.006%
97	5.311	5.298	5.337	VV	229	3810	0.03%	0.002%
98	5.352	5.337	5.366	VV	239	1817	0.02%	0.001%
99	5.394	5.366	5.402	PV	763	7889	0.07%	0.004%
100	5.415	5.402	5.433	VV	1343	13968	0.12%	0.007%
101	5.449	5.433	5.494	VV	1747	21323	0.18%	0.010%
102	5.514	5.494	5.534	VV	449	6114	0.05%	0.003%
103	5.538	5.534	5.550	VV	251	1732	0.01%	0.001%
104	5.575	5.550	5.611	VV	2644	35371	0.30%	0.017%
105	5.632	5.611	5.662	VV	679	12392	0.11%	0.006%
106	5.692	5.662	5.719	VV	614	12335	0.11%	0.006%
107	5.761	5.719	5.772	VV	476	10431	0.09%	0.005%
108	5.804	5.772	5.827	VV	825	17590	0.15%	0.008%
109	5.848	5.827	5.869	PV	1057	16748	0.14%	0.008%
110	5.905	5.869	5.930	VV	2656	53171	0.45%	0.026%
111	5.946	5.930	5.960	VV	1554	23940	0.20%	0.011%
112	5.988	5.960	6.004	VV	2281	44688	0.38%	0.021%
113	6.037	6.004	6.061	VV	3529	72827	0.62%	0.035%
114	6.086	6.061	6.103	VV	2940	55399	0.47%	0.027%
115	6.129	6.103	6.161	VV	2510	76699	0.66%	0.037%
116	6.180	6.161	6.197	VV	2979	47198	0.40%	0.023%
117	6.213	6.197	6.231	VV	2080	37633	0.32%	0.018%
118	6.267	6.231	6.287	VV	12284	193027	1.65%	0.093%
119	6.296	6.287	6.313	VV	4147	56873	0.49%	0.027%
120	6.328	6.313	6.362	VV	4936	99759	0.85%	0.048%
121	6.375	6.362	6.384	VV	2687	32715	0.28%	0.016%
122	6.420	6.384	6.447	VV	3414	107238	0.92%	0.052%
123	6.465	6.447	6.477	VV	4414	61003	0.52%	0.029%
124	6.482	6.477	6.490	VV	3472	27133	0.23%	0.013%
125	6.524	6.490	6.540	VV	7442	150935	1.29%	0.072%
126	6.562	6.540	6.584	VV	6023	125634	1.07%	0.060%
127	6.596	6.584	6.601	VV	3614	32493	0.28%	0.016%
128	6.638	6.601	6.666	VV	5823	164531	1.41%	0.079%
129	6.700	6.666	6.722	VV	6193	165396	1.41%	0.079%
130	6.734	6.722	6.746	VV	5040	66433	0.57%	0.032%
131	6.773	6.746	6.792	VV	6439	151285	1.29%	0.073%
132	6.799	6.792	6.811	VV	4464	47152	0.40%	0.023%
133	6.833	6.811	6.850	VV	7511	136351	1.16%	0.065%
134	6.869	6.850	6.883	VV	8109	133303	1.14%	0.064%
135	6.896	6.883	6.909	VV	7922	110817	0.95%	0.053%
136	6.930	6.909	6.954	VV	11022	218611	1.87%	0.105%
137	6.983	6.954	6.999	VV	9065	191683	1.64%	0.092%
138	7.025	6.999	7.048	VV	8978	212041	1.81%	0.102%
139	7.074	7.048	7.088	VV	13515	225826	1.93%	0.108%
140	7.094	7.088	7.113	VV	9455	121864	1.04%	0.059%
141	7.129	7.113	7.144	VV	8616	133275	1.14%	0.064%

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142	7.174	7.144	7.191	VV	11480	243249	2.08%	0.117%
143	7.202	7.191	7.234	VV	8455	195588	1.67%	0.094%
144	7.258	7.234	7.274	VV	10020	205010	1.75%	0.098%
145	7.306	7.274	7.323	VV	9520	252949	2.16%	0.121%
146	7.339	7.323	7.358	VV	8790	181282	1.55%	0.087%
147	7.364	7.358	7.373	VV	8596	72872	0.62%	0.035%
148	7.386	7.373	7.396	VV	9722	124223	1.06%	0.060%
149	7.426	7.396	7.439	VV	11356	265625	2.27%	0.128%
150	7.468	7.439	7.500	VV	13243	419068	3.58%	0.201%
151	7.516	7.500	7.534	VV	8915	172400	1.47%	0.083%
152	7.553	7.534	7.565	VV	11520	186309	1.59%	0.089%
153	7.585	7.565	7.612	VV	21146	404608	3.46%	0.194%
154	7.633	7.612	7.659	VV	11358	291425	2.49%	0.140%
155	7.675	7.659	7.695	VV	11548	222385	1.90%	0.107%
156	7.725	7.695	7.747	VV	17087	409403	3.50%	0.197%
157	7.772	7.747	7.789	VV	14145	322306	2.75%	0.155%
158	7.808	7.789	7.813	VV	12669	175459	1.50%	0.084%
159	7.865	7.813	7.881	VV	16142	564615	4.82%	0.271%
160	7.903	7.881	7.946	VV	24615	640365	5.47%	0.308%
161	7.988	7.946	8.021	VV	20902	689874	5.89%	0.331%
162	8.043	8.021	8.062	VV	17472	392167	3.35%	0.188%
163	8.088	8.062	8.099	VV	14900	309330	2.64%	0.149%
164	8.113	8.099	8.118	VV	15081	162813	1.39%	0.078%
165	8.133	8.118	8.151	VV	15820	302892	2.59%	0.145%
166	8.171	8.151	8.196	VV	17597	434678	3.71%	0.209%
167	8.227	8.196	8.279	VV	44322	1116510	9.54%	0.536%
168	8.286	8.279	8.297	VV	16903	179184	1.53%	0.086%
169	8.325	8.297	8.368	VV	38453	977272	8.35%	0.469%
170	8.381	8.368	8.395	VV	15847	249722	2.13%	0.120%
171	8.415	8.395	8.445	VV	18357	509953	4.36%	0.245%
172	8.451	8.445	8.479	VV	16796	304501	2.60%	0.146%
173	8.501	8.479	8.508	VV	15878	252159	2.15%	0.121%
174	8.522	8.508	8.534	VV	18133	267294	2.28%	0.128%
175	8.555	8.534	8.580	VV	23626	525000	4.48%	0.252%
176	8.588	8.580	8.602	VV	16899	209711	1.79%	0.101%
177	8.621	8.602	8.647	VV	33607	639783	5.47%	0.307%
178	8.657	8.647	8.667	VV	19999	231403	1.98%	0.111%
179	8.686	8.667	8.694	VV	26540	375285	3.21%	0.180%
180	8.702	8.694	8.731	VV	27496	470760	4.02%	0.226%
181	8.741	8.731	8.762	VV	16435	284719	2.43%	0.137%
182	8.782	8.762	8.804	VV	18353	397946	3.40%	0.191%
183	8.823	8.804	8.832	VV	16517	261223	2.23%	0.125%
184	8.850	8.832	8.871	VV	17031	357235	3.05%	0.172%
185	8.890	8.871	8.895	VV	15928	222232	1.90%	0.107%
186	8.907	8.895	8.946	VV	18071	488082	4.17%	0.234%
187	8.952	8.946	8.961	VV	14171	120326	1.03%	0.058%
188	8.970	8.961	8.986	VV	14127	207460	1.77%	0.100%
189	8.997	8.986	9.047	VV	14023	487188	4.16%	0.234%
190	9.073	9.047	9.104	VV	15991	451609	3.86%	0.217%
191	9.122	9.104	9.131	VV	12184	189439	1.62%	0.091%
192	9.140	9.131	9.158	VV	11704	181831	1.55%	0.087%
193	9.197	9.158	9.213	VV	12748	379085	3.24%	0.182%
194	9.221	9.213	9.241	VV	12158	198207	1.69%	0.095%

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195	9.246	9.241	9.254	VV	11134	85303	0.73%	0.041%
196	9.296	9.254	9.319	VV	13245	463009	3.96%	0.222%
197	9.326	9.319	9.332	VV	10826	81511	0.70%	0.039%
198	9.375	9.332	9.407	VV	18685	618807	5.29%	0.297%
199	9.435	9.407	9.474	VV	15573	511780	4.37%	0.246%
200	9.489	9.474	9.503	VV	11162	185779	1.59%	0.089%
201	9.523	9.503	9.569	VV	12865	403883	3.45%	0.194%
202	9.586	9.569	9.590	VV	8738	108689	0.93%	0.052%
203	9.606	9.590	9.627	VV	9087	191472	1.64%	0.092%
204	9.642	9.627	9.660	VV	8821	166053	1.42%	0.080%
205	9.680	9.660	9.694	VV	8288	159996	1.37%	0.077%
206	9.722	9.694	9.753	VV	10150	325627	2.78%	0.156%
207	9.769	9.753	9.792	VV	10591	215145	1.84%	0.103%
208	9.819	9.792	9.838	VV	8962	227937	1.95%	0.109%
209	9.849	9.838	9.859	VV	8530	103950	0.89%	0.050%
210	9.870	9.859	9.908	VV	8955	235959	2.02%	0.113%
211	9.936	9.908	9.953	VV	8887	209786	1.79%	0.101%
212	9.963	9.953	9.996	VV	8802	215951	1.84%	0.104%
213	10.036	9.996	10.055	VV	12914	373105	3.19%	0.179%
214	10.062	10.055	10.082	VV	8749	126130	1.08%	0.061%
215	10.118	10.082	10.134	VV	9864	265704	2.27%	0.128%
216	10.156	10.134	10.180	VV	12550	275458	2.35%	0.132%
217	10.212	10.180	10.218	VV	9585	193542	1.65%	0.093%
218	10.221	10.218	10.266	VV	9378	242023	2.07%	0.116%
219	10.291	10.266	10.327	VV	26775	489606	4.18%	0.235%
220	10.352	10.327	10.385	VV	39849	645674	5.52%	0.310%
221	10.414	10.385	10.430	VV	61205	819412	7.00%	0.394%
222	10.441	10.430	10.454	VV	31374	364739	3.12%	0.175%
223	10.482	10.454	10.522	VV	33297	831383	7.10%	0.399%
224	10.572	10.522	10.591	VV	31073	832351	7.11%	0.400%
225	10.607	10.591	10.648	VV	35740	769483	6.57%	0.370%
226	10.672	10.648	10.694	VV	47291	664736	5.68%	0.319%
227	10.729	10.694	10.755	VV	31583	690395	5.90%	0.332%
228	10.768	10.755	10.809	VV	11364	308787	2.64%	0.148%
229	10.844	10.809	10.866	VV	10512	302447	2.58%	0.145%
230	10.906	10.866	10.956	VV	223590	3135870	26.79%	1.506%
231	10.962	10.956	10.976	VV	12930	148770	1.27%	0.071%
232	10.989	10.976	11.007	VV	13863	227671	1.94%	0.109%
233	11.016	11.007	11.034	VV	10482	155377	1.33%	0.075%
234	11.053	11.034	11.077	VV	12054	271904	2.32%	0.131%
235	11.085	11.077	11.114	VV	10305	204279	1.75%	0.098%
236	11.117	11.114	11.121	VV	8467	35058	0.30%	0.017%
237	11.141	11.121	11.164	VV	8745	215253	1.84%	0.103%
238	11.182	11.164	11.190	VV	9288	136768	1.17%	0.066%
239	11.208	11.190	11.251	VV	9691	315717	2.70%	0.152%
240	11.254	11.251	11.265	VV	7547	63206	0.54%	0.030%
241	11.301	11.265	11.332	VV	11379	350663	3.00%	0.168%
242	11.342	11.332	11.358	VV	6980	105388	0.90%	0.051%
243	11.375	11.358	11.389	VV	7080	126776	1.08%	0.061%
244	11.408	11.389	11.427	VV	7626	163253	1.39%	0.078%
245	11.447	11.427	11.457	VV	7367	127072	1.09%	0.061%
246	11.463	11.457	11.467	VV	7118	39537	0.34%	0.019%

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247	11.478	11.467	11.482	VV	7671	66059	0.56%	0.032%
248	11.490	11.482	11.498	VV	8103	76143	0.65%	0.037%
249	11.502	11.498	11.556	VV	7932	226864	1.94%	0.109%
250	11.591	11.556	11.638	VV	15100	458124	3.91%	0.220%
251	11.646	11.638	11.665	VV	7102	111730	0.95%	0.054%
252	11.683	11.665	11.704	VV	7760	169867	1.45%	0.082%
253	11.724	11.704	11.731	VV	7360	114648	0.98%	0.055%
254	11.735	11.731	11.746	VV	7324	64684	0.55%	0.031%
255	11.759	11.746	11.787	VV	7573	172626	1.47%	0.083%
256	11.824	11.787	11.838	VV	6673	185159	1.58%	0.089%
257	11.867	11.838	11.921	VV	8988	347205	2.97%	0.167%
258	11.941	11.921	11.949	VV	5745	92898	0.79%	0.045%
259	11.982	11.949	12.005	VV	7262	209207	1.79%	0.100%
260	12.009	12.005	12.020	VV	6186	52845	0.45%	0.025%
261	12.043	12.020	12.069	VV	6951	180033	1.54%	0.086%
262	12.078	12.069	12.110	VV	5710	136592	1.17%	0.066%
263	12.135	12.110	12.176	VV	43083	676535	5.78%	0.325%
264	12.183	12.176	12.199	VV	6528	85714	0.73%	0.041%
265	12.204	12.199	12.208	VV	5770	29800	0.25%	0.014%
266	12.212	12.208	12.221	VV	5775	43367	0.37%	0.021%
267	12.249	12.221	12.327	VV	96777	1496598	12.78%	0.719%
268	12.342	12.327	12.350	VV	5576	73553	0.63%	0.035%
269	12.373	12.350	12.424	VV	6902	232471	1.99%	0.112%
270	12.445	12.424	12.459	VV	5508	106451	0.91%	0.051%
271	12.471	12.459	12.490	VV	5266	90559	0.77%	0.043%
272	12.494	12.490	12.499	VV	4493	25208	0.22%	0.012%
273	12.522	12.499	12.560	VV	6705	179707	1.54%	0.086%
274	12.587	12.560	12.621	VV	19163	342680	2.93%	0.165%
275	12.626	12.621	12.667	VV	5178	112057	0.96%	0.054%
276	12.672	12.667	12.709	VV	3776	77050	0.66%	0.037%
277	12.714	12.709	12.733	VV	2704	35096	0.30%	0.017%
278	12.741	12.733	12.750	VV	2899	25849	0.22%	0.012%
279	12.754	12.750	12.758	VV	2797	13395	0.11%	0.006%
280	12.781	12.758	12.809	VV	3582	96429	0.82%	0.046%
281	12.814	12.809	12.837	VV	2705	41397	0.35%	0.020%
282	12.849	12.837	12.854	VV	2485	23632	0.20%	0.011%
283	12.884	12.854	12.934	VV	20124	383943	3.28%	0.184%
284	12.940	12.934	12.962	VV	4628	60031	0.51%	0.029%
285	12.975	12.962	12.979	VV	3356	28636	0.24%	0.014%
286	12.983	12.979	13.010	VV	3242	54020	0.46%	0.026%
287	13.022	13.010	13.046	VV	2642	50703	0.43%	0.024%
288	13.050	13.046	13.055	VV	2245	12705	0.11%	0.006%
289	13.071	13.055	13.094	VV	2958	50668	0.43%	0.024%
290	13.108	13.094	13.120	VV	2100	28217	0.24%	0.014%
291	13.159	13.120	13.234	VV	24444	536657	4.58%	0.258%
292	13.240	13.234	13.257	VV	2486	27910	0.24%	0.013%
293	13.263	13.257	13.272	VV	1916	15761	0.13%	0.008%
294	13.278	13.272	13.285	VV	1705	12382	0.11%	0.006%
295	13.293	13.285	13.298	VV	2082	15555	0.13%	0.007%
296	13.301	13.298	13.328	VV	1986	27942	0.24%	0.013%
297	13.368	13.328	13.402	VV	5891	128412	1.10%	0.062%
298	13.410	13.402	13.434	VV	2297	33613	0.29%	0.016%
299	13.451	13.434	13.463	VV	2289	32806	0.28%	0.016%

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300	13.480	13.463	13.515	VV	5752	97634	0.83%	0.047%
301	13.519	13.515	13.524	VV	1537	7696	0.07%	0.004%
302	13.532	13.524	13.537	VV	1704	11790	0.10%	0.006%
303	13.543	13.537	13.563	VV	1460	20506	0.18%	0.010%
304	13.587	13.563	13.609	VV	2473	50976	0.44%	0.024%
305	13.630	13.609	13.654	VV	2379	49605	0.42%	0.024%
306	13.663	13.654	13.689	VV	1917	28581	0.24%	0.014%
307	13.723	13.689	13.746	VV	3504	73452	0.63%	0.035%
308	13.755	13.746	13.786	VV	2678	48369	0.41%	0.023%
309	13.805	13.786	13.810	VV	2004	23693	0.20%	0.011%
310	13.829	13.810	13.851	VV	3214	58974	0.50%	0.028%
311	13.873	13.851	13.892	VV	1732	35867	0.31%	0.017%
312	13.905	13.892	13.914	VV	1117	13077	0.11%	0.006%
313	13.937	13.914	13.961	VV	2488	47177	0.40%	0.023%
314	13.965	13.961	13.980	VV	1042	8302	0.07%	0.004%
315	14.001	13.980	14.011	VV	1413	18186	0.16%	0.009%
316	14.014	14.011	14.032	VV	1069	11599	0.10%	0.006%
317	14.035	14.032	14.044	VV	912	5241	0.04%	0.003%
318	14.050	14.044	14.067	VV	733	8347	0.07%	0.004%
319	14.085	14.067	14.097	VV	1347	18942	0.16%	0.009%
320	14.116	14.097	14.147	VV	3405	68870	0.59%	0.033%
321	14.160	14.147	14.166	VV	1620	16474	0.14%	0.008%
322	14.197	14.166	14.216	VV	2684	58581	0.50%	0.028%
323	14.234	14.216	14.267	VV	2300	46907	0.40%	0.023%
324	14.288	14.267	14.304	PV	2200	30583	0.26%	0.015%
325	14.316	14.304	14.331	VV	1564	22087	0.19%	0.011%
326	14.351	14.331	14.371	VV	2953	45269	0.39%	0.022%
327	14.382	14.371	14.387	VV	1426	12322	0.11%	0.006%
328	14.400	14.387	14.418	VV	2366	30827	0.26%	0.015%
329	14.422	14.418	14.439	VV	1174	9795	0.08%	0.005%
330	14.464	14.439	14.488	VV	2560	41979	0.36%	0.020%
331	14.492	14.488	14.502	VV	543	3568	0.03%	0.002%
332	14.527	14.502	14.532	VV	1188	12788	0.11%	0.006%
333	14.539	14.532	14.562	VV	1258	16680	0.14%	0.008%
334	14.577	14.562	14.594	VV	980	11859	0.10%	0.006%
335	14.628	14.594	14.717	VV	111757	1567871	13.39%	0.753%
336	14.722	14.717	14.728	VV	332	1529	0.01%	0.001%
337	14.777	14.728	14.797	PV	8072	130009	1.11%	0.062%
338	14.817	14.797	14.862	VV	10477	210689	1.80%	0.101%
339	14.874	14.862	14.908	VV	2320	40768	0.35%	0.020%
340	14.931	14.908	14.948	VV	2488	39561	0.34%	0.019%
341	14.954	14.948	14.962	VV	1404	10324	0.09%	0.005%
342	14.971	14.962	14.997	VV	1380	18749	0.16%	0.009%
343	15.010	14.997	15.059	VV	818	18305	0.16%	0.009%
344	15.078	15.059	15.083	PV	1154	9728	0.08%	0.005%
345	15.092	15.083	15.103	VV	1341	13307	0.11%	0.006%
346	15.110	15.103	15.114	VV	1199	6019	0.05%	0.003%
347	15.122	15.114	15.126	VV	1521	9900	0.08%	0.005%
348	15.129	15.126	15.136	VV	1439	6765	0.06%	0.003%
349	15.151	15.136	15.172	VV	1214	18005	0.15%	0.009%
350	15.214	15.172	15.313	VV	33867	590822	5.05%	0.284%
351	15.319	15.313	15.325	VV	873	4251	0.04%	0.002%

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352	15.369	15.325	15.391	VV	5289	107556	0.92%	0.052%
353	15.424	15.391	15.442	VV	7450	123219	1.05%	0.059%
354	15.452	15.442	15.473	VV	3304	47626	0.41%	0.023%
355	15.488	15.473	15.530	VV	2136	44540	0.38%	0.021%
356	15.540	15.530	15.549	VV	1276	11218	0.10%	0.005%
357	15.573	15.549	15.579	VV	1503	22992	0.20%	0.011%
358	15.615	15.579	15.636	VV	3238	76496	0.65%	0.037%
359	15.645	15.636	15.659	VV	2093	23535	0.20%	0.011%
360	15.663	15.659	15.666	VV	2021	8049	0.07%	0.004%
361	15.683	15.666	15.708	VV	2360	42998	0.37%	0.021%
362	15.737	15.708	15.760	VV	3405	69860	0.60%	0.034%
363	15.766	15.760	15.769	VV	1768	7738	0.07%	0.004%
364	15.776	15.769	15.796	VV	2147	30126	0.26%	0.014%
365	15.804	15.796	15.809	VV	2450	16224	0.14%	0.008%
366	15.823	15.809	15.827	VV	2351	22836	0.20%	0.011%
367	15.831	15.827	15.839	VV	2139	14069	0.12%	0.007%
368	15.859	15.839	15.883	VV	6506	116086	0.99%	0.056%
369	15.887	15.883	15.899	VV	3549	29292	0.25%	0.014%
370	15.921	15.899	15.935	VV	3764	68115	0.58%	0.033%
371	15.951	15.935	15.968	VV	2898	53779	0.46%	0.026%
372	15.977	15.968	15.979	VV	2740	15739	0.13%	0.008%
373	15.988	15.979	15.994	VV	3077	25827	0.22%	0.012%
374	15.999	15.994	16.013	VV	3162	32433	0.28%	0.016%
375	16.054	16.013	16.059	VV	5982	121703	1.04%	0.058%
376	16.062	16.059	16.077	VV	5629	50273	0.43%	0.024%
377	16.101	16.077	16.109	VV	4783	80847	0.69%	0.039%
378	16.155	16.109	16.172	VV	10251	268341	2.29%	0.129%
379	16.183	16.172	16.199	VV	8236	121022	1.03%	0.058%
380	16.233	16.199	16.289	VV	18870	546569	4.67%	0.263%
381	16.308	16.289	16.316	VV	7227	103881	0.89%	0.050%
382	16.344	16.316	16.402	VV	27282	725606	6.20%	0.349%
383	16.421	16.402	16.445	VV	10987	245192	2.09%	0.118%
384	16.476	16.445	16.516	VV	16187	485828	4.15%	0.233%
385	16.524	16.516	16.529	VV	10103	78225	0.67%	0.038%
386	16.541	16.529	16.546	VV	10256	100794	0.86%	0.048%
387	16.550	16.546	16.574	VV	10216	160234	1.37%	0.077%
388	16.623	16.574	16.638	VV	11337	394067	3.37%	0.189%
389	16.666	16.638	16.698	VV	21005	549872	4.70%	0.264%
390	16.726	16.698	16.767	VV	21185	617930	5.28%	0.297%
391	16.815	16.767	16.844	VV	23450	802807	6.86%	0.386%
392	16.859	16.844	16.881	VV	23566	434287	3.71%	0.209%
393	16.895	16.881	16.923	VV	16301	377266	3.22%	0.181%
394	16.939	16.923	16.965	VV	14327	347017	2.96%	0.167%
395	16.987	16.965	16.992	VV	15325	234086	2.00%	0.112%
396	17.000	16.992	17.009	VV	16020	163636	1.40%	0.079%
397	17.014	17.009	17.024	VV	16163	138447	1.18%	0.066%
398	17.044	17.024	17.074	VV	18195	498014	4.25%	0.239%
399	17.091	17.074	17.095	VV	16749	203985	1.74%	0.098%
400	17.121	17.095	17.154	VV	18673	624568	5.34%	0.300%
401	17.181	17.154	17.214	VV	24861	756533	6.46%	0.363%
402	17.228	17.214	17.236	VV	21603	274635	2.35%	0.132%
403	17.265	17.236	17.291	VV	33475	839256	7.17%	0.403%
404	17.296	17.291	17.314	VV	21047	277261	2.37%	0.133%

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405	17.321	17.314	17.325	VV	19928	136769	1.17%	0.066%
406	17.333	17.325	17.338	VV	20574	160961	1.38%	0.077%
407	17.355	17.338	17.358	VV	21054	246147	2.10%	0.118%
408	17.376	17.358	17.382	VV	22298	305901	2.61%	0.147%
409	17.388	17.382	17.411	VV	22376	369072	3.15%	0.177%
410	17.444	17.411	17.461	VV	22010	616293	5.26%	0.296%
411	17.467	17.461	17.494	VV	20055	384370	3.28%	0.185%
412	17.500	17.494	17.513	VV	20815	229986	1.96%	0.110%
413	17.540	17.513	17.551	VV	21937	472751	4.04%	0.227%
414	17.557	17.551	17.570	VV	22228	242305	2.07%	0.116%
415	17.613	17.570	17.617	VV	24595	657013	5.61%	0.316%
416	17.621	17.617	17.633	VV	24550	220444	1.88%	0.106%
417	17.639	17.633	17.644	VV	24034	155153	1.33%	0.075%
418	17.649	17.644	17.654	VV	24181	148080	1.27%	0.071%
419	17.704	17.654	17.734	VV	41118	1463543	12.50%	0.703%
420	17.757	17.734	17.764	VV	25670	451318	3.86%	0.217%
421	17.793	17.764	17.806	VV	28278	668205	5.71%	0.321%
422	17.848	17.806	17.857	VV	34550	960417	8.20%	0.461%
423	17.861	17.857	17.864	VV	35116	130017	1.11%	0.062%
424	17.872	17.864	17.878	VV	35847	308657	2.64%	0.148%
425	17.897	17.878	17.918	VV	38014	866955	7.41%	0.416%
426	17.935	17.918	17.964	VV	37879	1000384	8.55%	0.480%
427	17.970	17.964	17.977	VV	35384	288552	2.47%	0.139%
428	18.065	17.977	18.097	VV	71240	3562929	30.44%	1.711%
429	18.129	18.097	18.157	VV	70527	2188457	18.70%	1.051%
430	18.182	18.157	18.196	VV	59760	1367299	11.68%	0.657%
431	18.216	18.196	18.307	VV	60113	3107589	26.55%	1.493%
432	18.339	18.307	18.346	VV	37370	846710	7.23%	0.407%
433	18.368	18.346	18.400	VV	45731	1314853	11.23%	0.632%
434	18.416	18.400	18.432	VV	38301	721136	6.16%	0.346%
435	18.447	18.432	18.461	VV	37816	629676	5.38%	0.302%
436	18.547	18.461	18.581	VV	54226	3062633	26.16%	1.471%
437	18.607	18.581	18.624	VV	44822	1111539	9.50%	0.534%
438	18.645	18.624	18.671	VV	48674	1264514	10.80%	0.607%
439	18.696	18.671	18.724	VV	47276	1408999	12.04%	0.677%
440	18.744	18.724	18.783	VV	42660	1467704	12.54%	0.705%
441	18.808	18.783	18.819	VV	44030	897653	7.67%	0.431%
442	18.834	18.819	18.849	VV	43839	764416	6.53%	0.367%
443	18.854	18.849	18.858	VV	40253	211530	1.81%	0.102%
444	18.867	18.858	18.870	VV	42851	298483	2.55%	0.143%
445	18.899	18.870	18.929	VV	60863	1790964	15.30%	0.860%
446	18.962	18.929	18.999	VV	51834	2061302	17.61%	0.990%
447	19.019	18.999	19.053	VV	53241	1634907	13.97%	0.785%
448	19.074	19.053	19.089	VV	51619	1079439	9.22%	0.518%
449	19.099	19.089	19.124	VV	50158	1018349	8.70%	0.489%
450	19.129	19.124	19.134	VV	47630	292604	2.50%	0.141%
451	19.141	19.134	19.147	VV	46587	357309	3.05%	0.172%
452	19.176	19.147	19.195	VV	51039	1396308	11.93%	0.671%
453	19.209	19.195	19.216	VV	48624	601251	5.14%	0.289%
454	19.221	19.216	19.233	VV	48483	511735	4.37%	0.246%
455	19.243	19.233	19.258	VV	50664	717025	6.13%	0.344%
456	19.264	19.258	19.282	VV	48292	696110	5.95%	0.334%

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457	19.290	19.282	19.294	VV	47363	320225	2.74%	0.154%
458	19.301	19.294	19.309	VV	48845	415855	3.55%	0.200%
459	19.330	19.309	19.349	VV	51990	1213170	10.36%	0.583%
460	19.360	19.349	19.382	VV	53708	1016951	8.69%	0.488%
461	19.388	19.382	19.390	VV	51307	259073	2.21%	0.124%
462	19.396	19.390	19.414	VV	52021	720117	6.15%	0.346%
463	19.429	19.414	19.433	VV	51733	604248	5.16%	0.290%
464	19.448	19.433	19.470	VV	54269	1166850	9.97%	0.560%
465	19.483	19.470	19.497	VV	52712	823714	7.04%	0.396%
466	19.512	19.497	19.523	VV	53769	823962	7.04%	0.396%
467	19.545	19.523	19.562	VV	57009	1293350	11.05%	0.621%
468	19.571	19.562	19.576	VV	54802	468004	4.00%	0.225%
469	19.582	19.576	19.589	VV	55035	413262	3.53%	0.198%
470	19.620	19.589	19.649	VV	63253	2106009	17.99%	1.012%
471	19.680	19.649	19.704	VV	73773	2080104	17.77%	0.999%
472	19.709	19.704	19.724	VV	58692	667878	5.71%	0.321%
473	19.730	19.724	19.734	VV	57577	360719	3.08%	0.173%
474	19.744	19.734	19.749	VV	58214	520086	4.44%	0.250%
475	19.755	19.749	19.774	VV	59504	843936	7.21%	0.405%
476	19.782	19.774	19.787	VV	58433	455420	3.89%	0.219%
477	19.793	19.787	19.800	VV	58431	429337	3.67%	0.206%
478	19.810	19.800	19.827	VV	59352	964120	8.24%	0.463%
479	19.856	19.827	19.862	VV	60655	1241707	10.61%	0.596%
480	19.870	19.862	19.876	VV	61222	505325	4.32%	0.243%
481	19.885	19.876	19.890	VV	61483	480570	4.11%	0.231%
482	19.893	19.890	19.903	VV	61357	480424	4.10%	0.231%
483	19.926	19.903	19.933	VV	63724	1123047	9.59%	0.539%
484	19.937	19.933	19.947	VV	62538	510891	4.36%	0.245%
485	19.959	19.947	19.975	VV	61897	1037502	8.86%	0.498%
486	19.996	19.975	20.002	VV	61191	976325	8.34%	0.469%
487	20.015	20.002	20.031	VV	63547	1067233	9.12%	0.513%
488	20.048	20.031	20.058	VV	66117	1048440	8.96%	0.504%
489	20.076	20.058	20.080	VV	67441	861304	7.36%	0.414%
490	20.086	20.080	20.092	VV	68675	485637	4.15%	0.233%
491	20.129	20.092	20.166	VV	76391	3169566	27.08%	1.522%
492	20.178	20.166	20.184	VV	70000	763544	6.52%	0.367%
493	20.287	20.184	20.373	VV	153371	11705913	100.00%	5.622%
494	20.379	20.373	20.397	VV	72001	1017045	8.69%	0.488%
495	20.402	20.397	20.407	VV	70651	401297	3.43%	0.193%
496	20.414	20.407	20.422	VV	70884	639712	5.46%	0.307%
497	20.431	20.422	20.436	VV	70064	571083	4.88%	0.274%
498	20.441	20.436	20.465	VV	70421	1183129	10.11%	0.568%
499	20.474	20.465	20.481	VV	68983	658117	5.62%	0.316%
500	20.488	20.481	20.496	VV	68024	605709	5.17%	0.291%
501	20.499	20.496	20.509	VV	67511	507948	4.34%	0.244%
502	20.517	20.509	20.524	VV	66124	596290	5.09%	0.286%
503	20.559	20.524	20.574	VV	69228	2046142	17.48%	0.983%
504	20.590	20.574	20.597	VV	73192	964761	8.24%	0.463%
505	20.607	20.597	20.671	VV	75280	3054512	26.09%	1.467%
506	20.678	20.671	20.691	VV	63446	760398	6.50%	0.365%
507	20.716	20.691	20.736	VV	63083	1637327	13.99%	0.786%
508	20.751	20.736	20.759	VV	62137	853333	7.29%	0.410%
509	20.778	20.759	20.791	VV	62589	1175759	10.04%	0.565%

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510	20.811	20.791	20.817	VV	62576	944913	8.07%	0.454%
511	20.825	20.817	20.832	VV	64238	577571	4.93%	0.277%
512	20.838	20.832	20.846	VV	62880	507485	4.34%	0.244%
513	20.853	20.846	20.859	VV	62524	492851	4.21%	0.237%
514	20.867	20.859	20.872	VV	61367	480789	4.11%	0.231%
515	20.879	20.872	20.888	VV	62061	572962	4.89%	0.275%
516	20.896	20.888	20.901	VV	62098	479513	4.10%	0.230%
517	20.910	20.901	20.924	VV	63153	842639	7.20%	0.405%
518	20.936	20.924	20.943	VV	62833	676853	5.78%	0.325%
519	20.948	20.943	20.958	VV	61145	573391	4.90%	0.275%
520	20.963	20.958	20.985	VV	60903	931338	7.96%	0.447%
521	20.991	20.985	21.009	VV	57139	818154	6.99%	0.393%
522	21.017	21.009	21.048	VV	55958	1250797	10.69%	0.601%
523	21.054	21.048	21.071	VV	54749	734502	6.27%	0.353%
524	21.130	21.071	21.133	VV	61888	2101224	17.95%	1.009%
525	21.143	21.133	21.172	VV	63070	1386548	11.84%	0.666%
526	21.184	21.172	21.189	VV	56964	571636	4.88%	0.275%
527	21.194	21.189	21.204	VV	56630	506931	4.33%	0.243%
528	21.217	21.204	21.226	VV	56653	741935	6.34%	0.356%
529	21.230	21.226	21.233	VV	55864	217142	1.85%	0.104%
530	21.253	21.233	21.280	VV	58225	1589801	13.58%	0.764%
531	21.285	21.280	21.312	VV	55041	1047365	8.95%	0.503%
532	21.321	21.312	21.381	VV	53791	2127644	18.18%	1.022%
533	21.387	21.381	21.394	VV	49551	392749	3.36%	0.189%
534	21.440	21.394	21.444	VV	50361	1460042	12.47%	0.701%
535	21.466	21.444	21.471	VV	52395	816557	6.98%	0.392%
536	21.478	21.471	21.486	VV	53931	490439	4.19%	0.236%
537	21.493	21.486	21.522	VV	53742	1136539	9.71%	0.546%
538	21.528	21.522	21.544	VV	50901	648203	5.54%	0.311%
539	21.552	21.544	21.571	VV	49071	768667	6.57%	0.369%
540	21.714	21.571	21.821	VBA	102555	11074417	94.61%	5.319%

Sum of corrected areas: 208205713

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