

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051623\
 Data File : FF012608.D
 Signal(s) : FID2B.ch
 Acq On : 16 May 2023 14:30
 Sample : 02784-01MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF050523.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.052	2.000	2.137	BV	124363	1552537	2.27%	0.304%
2	2.141	2.137	2.185	VV	258	3633	0.01%	0.001%
3	2.189	2.185	2.274	PV	184	3811	0.01%	0.001%
4	2.285	2.274	2.315	VV	215	2992	0.00%	0.001%
5	2.323	2.315	2.328	PV	176	868	0.00%	0.000%
6	2.345	2.328	2.367	VV	681	8238	0.01%	0.002%
7	2.380	2.367	2.402	VV	345	3961	0.01%	0.001%
8	2.406	2.402	2.430	VV	149	1471	0.00%	0.000%
9	2.435	2.430	2.485	PV	145	1726	0.00%	0.000%
10	2.490	2.485	2.495	VV	51	232	0.00%	0.000%
11	2.500	2.495	2.517	VV	120	944	0.00%	0.000%
12	2.525	2.517	2.550	PV	140	1064	0.00%	0.000%
13	2.555	2.550	2.562	PV	97	320	0.00%	0.000%
14	2.584	2.562	2.624	VV	478	8003	0.01%	0.002%
15	2.630	2.624	2.645	VV	195	1503	0.00%	0.000%
16	2.653	2.645	2.683	VV	150	2207	0.00%	0.000%
17	2.687	2.683	2.704	VV	125	875	0.00%	0.000%
18	2.712	2.704	2.718	PV	101	344	0.00%	0.000%
19	2.744	2.718	2.775	PV	333	5881	0.01%	0.001%
20	2.784	2.775	2.794	VV	122	1087	0.00%	0.000%
21	2.797	2.794	2.802	VV	124	356	0.00%	0.000%
22	2.805	2.802	2.819	VV	85	569	0.00%	0.000%
23	2.827	2.819	2.844	VV	159	1686	0.00%	0.000%
24	2.855	2.844	2.873	VV	174	1865	0.00%	0.000%
25	2.877	2.873	2.880	PV	96	311	0.00%	0.000%
26	2.896	2.880	2.924	VV	281	4094	0.01%	0.001%
27	2.962	2.924	2.975	VV	260	5436	0.01%	0.001%
28	3.001	2.975	3.036	VV	589	11858	0.02%	0.002%
29	3.064	3.036	3.084	VV	459	8575	0.01%	0.002%
30	3.088	3.084	3.120	VV	314	4668	0.01%	0.001%
31	3.122	3.120	3.160	VV	239	2644	0.00%	0.001%
32	3.175	3.160	3.192	VV	157	1828	0.00%	0.000%
33	3.198	3.192	3.212	PV	133	917	0.00%	0.000%
34	3.216	3.212	3.252	VV	151	1902	0.00%	0.000%
35	3.257	3.252	3.268	VV	111	790	0.00%	0.000%
36	3.271	3.268	3.282	VV	131	611	0.00%	0.000%

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37	3.287	3.282	3.298	VV	92	512	0.00%	0.000%
38	3.314	3.298	3.342	VV	252	3505	0.01%	0.001%
39	3.360	3.342	3.371	VV	127	1318	0.00%	0.000%
40	3.376	3.371	3.385	VV	97	528	0.00%	0.000%
41	3.390	3.385	3.404	VV	91	612	0.00%	0.000%
42	3.424	3.404	3.432	VV	116	1364	0.00%	0.000%
43	3.435	3.432	3.441	VV	148	578	0.00%	0.000%
44	3.467	3.441	3.481	VV	210	2769	0.00%	0.001%
45	3.487	3.481	3.492	VV	132	513	0.00%	0.000%
46	3.496	3.492	3.503	VV	161	645	0.00%	0.000%
47	3.523	3.503	3.540	PV	208	2850	0.00%	0.001%
48	3.555	3.540	3.580	VV	183	2572	0.00%	0.001%
49	3.599	3.580	3.621	VV	341	5161	0.01%	0.001%
50	3.625	3.621	3.646	VV	208	2038	0.00%	0.000%
51	3.670	3.646	3.704	VV	1670	21185	0.03%	0.004%
52	3.716	3.704	3.737	VV	159	1807	0.00%	0.000%
53	3.747	3.737	3.753	VV	146	642	0.00%	0.000%
54	3.770	3.753	3.789	VV	298	3702	0.01%	0.001%
55	3.820	3.789	3.840	VV	506	7782	0.01%	0.002%
56	3.845	3.840	3.862	VV	228	1808	0.00%	0.000%
57	3.877	3.862	3.889	VV	222	2917	0.00%	0.001%
58	3.907	3.889	3.924	VV	302	4370	0.01%	0.001%
59	3.929	3.924	3.938	VV	157	1040	0.00%	0.000%
60	3.944	3.938	3.974	VV	189	2013	0.00%	0.000%
61	3.978	3.974	3.987	VV	94	470	0.00%	0.000%
62	4.000	3.987	4.007	VV	209	1329	0.00%	0.000%
63	4.028	4.007	4.037	VV	171	1870	0.00%	0.000%
64	4.041	4.037	4.055	VV	137	805	0.00%	0.000%
65	4.060	4.055	4.074	VV	65	618	0.00%	0.000%
66	4.130	4.074	4.142	PV	567	12250	0.02%	0.002%
67	4.150	4.142	4.173	VV	562	8867	0.01%	0.002%
68	4.189	4.173	4.199	VV	604	7649	0.01%	0.001%
69	4.215	4.199	4.234	VV	660	11137	0.02%	0.002%
70	4.239	4.234	4.246	VV	342	2283	0.00%	0.000%
71	4.251	4.246	4.266	VV	261	2637	0.00%	0.001%
72	4.310	4.266	4.328	VV	1437	25783	0.04%	0.005%
73	4.343	4.328	4.385	VV	661	14341	0.02%	0.003%
74	4.401	4.385	4.420	VV	306	3988	0.01%	0.001%
75	4.425	4.420	4.479	VV	159	3458	0.01%	0.001%
76	4.508	4.479	4.530	VV	200	3804	0.01%	0.001%
77	4.566	4.530	4.638	VV	214417	2226422	3.26%	0.435%
78	4.647	4.638	4.662	VV	584	7140	0.01%	0.001%
79	4.680	4.662	4.712	VV	1462	20772	0.03%	0.004%
80	4.743	4.712	4.866	VV	8335	275017	0.40%	0.054%
81	4.871	4.866	4.905	VV	1209	23982	0.04%	0.005%
82	4.911	4.905	4.919	VV	885	6815	0.01%	0.001%
83	4.939	4.919	4.951	VV	883	15528	0.02%	0.003%
84	4.955	4.951	4.967	VV	836	7449	0.01%	0.001%
85	4.971	4.967	4.977	VV	786	4549	0.01%	0.001%
86	4.983	4.977	5.009	VV	856	13716	0.02%	0.003%
87	5.028	5.009	5.058	VV	799	18904	0.03%	0.004%
88	5.077	5.058	5.095	VV	726	13338	0.02%	0.003%
89	5.098	5.095	5.109	VV	471	3862	0.01%	0.001%

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90	5.117	5.109	5.136	VV	525	6732	0.01%	0.001%
91	5.149	5.136	5.195	VV	432	8031	0.01%	0.002%
92	5.230	5.195	5.255	VV	408	11237	0.02%	0.002%
93	5.276	5.255	5.288	VV	605	8513	0.01%	0.002%
94	5.321	5.288	5.342	VV	637	17619	0.03%	0.003%
95	5.350	5.342	5.370	VV	568	6939	0.01%	0.001%
96	5.390	5.370	5.424	VV	748	16882	0.02%	0.003%
97	5.429	5.424	5.442	VV	451	4422	0.01%	0.001%
98	5.445	5.442	5.468	VV	387	4185	0.01%	0.001%
99	5.478	5.468	5.489	VV	324	3213	0.00%	0.001%
100	5.513	5.489	5.539	VV	902	15987	0.02%	0.003%
101	5.555	5.539	5.565	VV	585	8310	0.01%	0.002%
102	5.579	5.565	5.632	VV	675	15689	0.02%	0.003%
103	5.642	5.632	5.658	VV	321	3026	0.00%	0.001%
104	5.663	5.658	5.669	VV	134	648	0.00%	0.000%
105	5.672	5.669	5.677	VV	140	448	0.00%	0.000%
106	5.701	5.677	5.749	VV	1943	32936	0.05%	0.006%
107	5.754	5.749	5.767	VV	220	1998	0.00%	0.000%
108	5.779	5.767	5.804	VV	459	6159	0.01%	0.001%
109	5.817	5.804	5.839	VV	287	4176	0.01%	0.001%
110	5.842	5.839	5.847	VV	148	577	0.00%	0.000%
111	5.865	5.847	5.877	VV	737	8371	0.01%	0.002%
112	5.888	5.877	5.922	VV	769	11458	0.02%	0.002%
113	5.971	5.922	5.982	PV	640	11887	0.02%	0.002%
114	5.996	5.982	6.012	VV	801	10934	0.02%	0.002%
115	6.017	6.012	6.042	VV	592	6645	0.01%	0.001%
116	6.054	6.042	6.060	VV	317	2925	0.00%	0.001%
117	6.063	6.060	6.078	VV	305	1653	0.00%	0.000%
118	6.092	6.078	6.125	VV	710	10589	0.02%	0.002%
119	6.133	6.125	6.150	VV	193	1946	0.00%	0.000%
120	6.177	6.150	6.198	PV	709	9206	0.01%	0.002%
121	6.233	6.198	6.254	VV	521	9567	0.01%	0.002%
122	6.280	6.254	6.297	VV	1149	17128	0.03%	0.003%
123	6.312	6.297	6.355	VV	914	19007	0.03%	0.004%
124	6.374	6.355	6.398	VV	556	6423	0.01%	0.001%
125	6.439	6.398	6.486	PV	1323	35247	0.05%	0.007%
126	6.504	6.486	6.538	PV	745	11399	0.02%	0.002%
127	6.554	6.538	6.587	VV	761	12669	0.02%	0.002%
128	6.600	6.587	6.606	VV	315	2292	0.00%	0.000%
129	6.618	6.606	6.637	VV	491	6395	0.01%	0.001%
130	6.658	6.637	6.689	VV	1394	21160	0.03%	0.004%
131	6.729	6.689	6.799	VV	234844	2384562	3.49%	0.466%
132	6.817	6.799	6.831	VV	1048	14166	0.02%	0.003%
133	6.848	6.831	6.866	VV	915	15606	0.02%	0.003%
134	6.881	6.866	6.914	VV	1812	28154	0.04%	0.006%
135	6.931	6.914	6.945	VV	1083	13835	0.02%	0.003%
136	6.955	6.945	6.969	VV	455	4508	0.01%	0.001%
137	7.014	6.969	7.036	VV	2348	36587	0.05%	0.007%
138	7.058	7.036	7.064	PV	903	9417	0.01%	0.002%
139	7.074	7.064	7.104	VV	1054	15572	0.02%	0.003%
140	7.139	7.104	7.167	PV	5908	71792	0.11%	0.014%
141	7.180	7.167	7.193	VV	695	8277	0.01%	0.002%

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142	7.211	7.193	7.219	VV	922	11288	0.02%	0.002%
143	7.260	7.219	7.282	VV	2279	49734	0.07%	0.010%
144	7.305	7.282	7.333	VV	7611	102766	0.15%	0.020%
145	7.372	7.333	7.394	VV	6010	105480	0.15%	0.021%
146	7.403	7.394	7.428	VV	1975	25663	0.04%	0.005%
147	7.447	7.428	7.489	VV	4099	67832	0.10%	0.013%
148	7.509	7.489	7.533	VV	3090	45192	0.07%	0.009%
149	7.548	7.533	7.566	VV	1916	21609	0.03%	0.004%
150	7.580	7.566	7.605	VV	944	15432	0.02%	0.003%
151	7.655	7.605	7.661	VV	8881	99494	0.15%	0.019%
152	7.673	7.661	7.699	VV	12485	156852	0.23%	0.031%
153	7.715	7.699	7.736	VV	2956	50916	0.07%	0.010%
154	7.748	7.736	7.785	VV	2503	51573	0.08%	0.010%
155	7.799	7.785	7.817	VV	891	12484	0.02%	0.002%
156	7.850	7.817	7.862	VV	6783	84758	0.12%	0.017%
157	7.870	7.862	7.889	VV	4043	44781	0.07%	0.009%
158	7.905	7.889	7.925	VV	2727	31350	0.05%	0.006%
159	7.946	7.925	7.961	PV	1322	17276	0.03%	0.003%
160	7.967	7.961	7.975	VV	1042	7672	0.01%	0.001%
161	7.992	7.975	8.004	VV	3498	41052	0.06%	0.008%
162	8.011	8.004	8.029	VV	2711	28236	0.04%	0.006%
163	8.053	8.029	8.077	VV	2137	44440	0.07%	0.009%
164	8.109	8.077	8.126	VV	4752	79653	0.12%	0.016%
165	8.154	8.126	8.173	VV	3783	76444	0.11%	0.015%
166	8.199	8.173	8.221	VV	4565	65808	0.10%	0.013%
167	8.247	8.221	8.265	VV	5173	70304	0.10%	0.014%
168	8.287	8.265	8.299	VV	9273	113527	0.17%	0.022%
169	8.308	8.299	8.331	VV	7500	87282	0.13%	0.017%
170	8.372	8.331	8.418	VV	9273	173217	0.25%	0.034%
171	8.425	8.418	8.443	VV	2095	26627	0.04%	0.005%
172	8.464	8.443	8.474	VV	5859	67310	0.10%	0.013%
173	8.492	8.474	8.504	VV	8329	124562	0.18%	0.024%
174	8.509	8.504	8.523	VV	7225	77548	0.11%	0.015%
175	8.554	8.523	8.583	VV	269473	2866019	4.20%	0.560%
176	8.596	8.583	8.617	VV	6851	100807	0.15%	0.020%
177	8.668	8.617	8.693	VV	9135	247572	0.36%	0.048%
178	8.720	8.693	8.733	VV	6719	118572	0.17%	0.023%
179	8.745	8.733	8.758	VV	6212	70750	0.10%	0.014%
180	8.779	8.758	8.817	VV	9678	167775	0.25%	0.033%
181	8.848	8.817	8.872	VV	3333	62053	0.09%	0.012%
182	8.885	8.872	8.896	VV	2239	23415	0.03%	0.005%
183	8.930	8.896	8.942	VV	5710	113515	0.17%	0.022%
184	8.969	8.942	8.989	VV	10517	203336	0.30%	0.040%
185	9.014	8.989	9.030	VV	7892	168334	0.25%	0.033%
186	9.044	9.030	9.066	VV	7065	119413	0.17%	0.023%
187	9.091	9.066	9.119	VV	19698	296040	0.43%	0.058%
188	9.147	9.119	9.188	VV	5934	160092	0.23%	0.031%
189	9.207	9.188	9.229	VV	7121	121765	0.18%	0.024%
190	9.244	9.229	9.268	VV	6761	112897	0.17%	0.022%
191	9.278	9.268	9.290	VV	3500	43477	0.06%	0.008%
192	9.318	9.290	9.342	VV	6400	152161	0.22%	0.030%
193	9.379	9.342	9.408	VV	54284	706684	1.04%	0.138%
194	9.422	9.408	9.447	VV	7535	125230	0.18%	0.024%

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195	9.464	9.447	9.494	VV	5675	108726	0.16%	0.021%
196	9.535	9.494	9.554	VV	5379	114510	0.17%	0.022%
197	9.583	9.554	9.597	VV	5690	95795	0.14%	0.019%
198	9.614	9.597	9.647	VV	6577	122586	0.18%	0.024%
199	9.671	9.647	9.698	VV	7111	138051	0.20%	0.027%
200	9.714	9.698	9.732	VV	6588	95626	0.14%	0.019%
201	9.757	9.732	9.788	VV	19055	354895	0.52%	0.069%
202	9.799	9.788	9.811	VV	6695	79326	0.12%	0.016%
203	9.837	9.811	9.864	VV	12806	254293	0.37%	0.050%
204	9.884	9.864	9.899	VV	10483	162595	0.24%	0.032%
205	9.909	9.899	9.922	VV	7365	94556	0.14%	0.018%
206	9.938	9.922	9.965	VV	13748	204342	0.30%	0.040%
207	9.972	9.965	9.984	VV	3763	41526	0.06%	0.008%
208	9.994	9.984	10.009	VV	4443	54016	0.08%	0.011%
209	10.034	10.009	10.062	VV	35898	474222	0.69%	0.093%
210	10.078	10.062	10.087	VV	8492	111247	0.16%	0.022%
211	10.115	10.087	10.134	VV	10909	253422	0.37%	0.050%
212	10.161	10.134	10.212	VV	296358	3472049	5.09%	0.679%
213	10.242	10.212	10.254	VV	5209	110311	0.16%	0.022%
214	10.265	10.254	10.309	VV	4724	80834	0.12%	0.016%
215	10.336	10.309	10.386	PV	5251	111997	0.16%	0.022%
216	10.394	10.386	10.399	VV	1724	12504	0.02%	0.002%
217	10.408	10.399	10.416	VV	1753	16121	0.02%	0.003%
218	10.435	10.416	10.454	VV	3664	51635	0.08%	0.010%
219	10.505	10.454	10.521	VV	12973	214460	0.31%	0.042%
220	10.548	10.521	10.578	VV	30928	508656	0.75%	0.099%
221	10.600	10.578	10.623	VV	10188	191155	0.28%	0.037%
222	10.638	10.623	10.665	VV	14239	201532	0.30%	0.039%
223	10.689	10.665	10.725	VV	13885	230498	0.34%	0.045%
224	10.765	10.725	10.776	VV	3686	82082	0.12%	0.016%
225	10.821	10.776	10.864	VV	8343	282076	0.41%	0.055%
226	10.898	10.864	10.937	VV	86995	1145547	1.68%	0.224%
227	10.969	10.937	11.009	VV	39422	781611	1.14%	0.153%
228	11.023	11.009	11.049	VV	5839	101464	0.15%	0.020%
229	11.064	11.049	11.078	VV	3895	44321	0.06%	0.009%
230	11.122	11.078	11.137	VV	3639	92674	0.14%	0.018%
231	11.164	11.137	11.200	VV	169622	2038718	2.99%	0.399%
232	11.240	11.200	11.265	VV	50929	774951	1.14%	0.152%
233	11.293	11.265	11.332	VV	24145	474756	0.70%	0.093%
234	11.351	11.332	11.388	VV	9671	154804	0.23%	0.030%
235	11.405	11.388	11.437	VV	8849	120330	0.18%	0.024%
236	11.465	11.437	11.496	VV	10449	155778	0.23%	0.030%
237	11.525	11.496	11.540	VV	3646	72048	0.11%	0.014%
238	11.559	11.540	11.573	VV	4495	73678	0.11%	0.014%
239	11.602	11.573	11.643	VV	305249	3584579	5.25%	0.701%
240	11.651	11.643	11.665	VV	5634	67194	0.10%	0.013%
241	11.691	11.665	11.729	VV	38878	570176	0.84%	0.111%
242	11.758	11.729	11.776	VV	5348	74180	0.11%	0.015%
243	11.796	11.776	11.809	PV	4615	58822	0.09%	0.011%
244	11.815	11.809	11.829	VV	3746	39368	0.06%	0.008%
245	11.846	11.829	11.859	VV	7564	103228	0.15%	0.020%
246	11.863	11.859	11.879	VV	6494	64185	0.09%	0.013%

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247	11.896	11.879	11.939	VV	8787	197567	0.29%	0.039%
248	11.967	11.939	11.982	VV	31733	392142	0.57%	0.077%
249	11.999	11.982	12.024	VV	49428	621106	0.91%	0.121%
250	12.035	12.024	12.049	VV	7069	83402	0.12%	0.016%
251	12.082	12.049	12.101	VV	35410	568608	0.83%	0.111%
252	12.117	12.101	12.132	VV	21622	259156	0.38%	0.051%
253	12.149	12.132	12.190	VV	29060	452438	0.66%	0.088%
254	12.207	12.190	12.223	PV	2326	30032	0.04%	0.006%
255	12.272	12.223	12.295	VV	74048	1068873	1.57%	0.209%
256	12.331	12.295	12.361	VV	857418	10444191	15.30%	2.042%
257	12.375	12.361	12.415	VV	11059	206582	0.30%	0.040%
258	12.437	12.415	12.459	VV	23411	278308	0.41%	0.054%
259	12.470	12.459	12.488	VV	4807	67582	0.10%	0.013%
260	12.543	12.488	12.574	VV	214207	3485943	5.11%	0.682%
261	12.604	12.574	12.627	VV	19960	353439	0.52%	0.069%
262	12.644	12.627	12.661	VV	10010	165830	0.24%	0.032%
263	12.684	12.661	12.703	VV	14485	246814	0.36%	0.048%
264	12.714	12.703	12.722	VV	4416	49965	0.07%	0.010%
265	12.758	12.722	12.810	VV	29350	589615	0.86%	0.115%
266	12.834	12.810	12.852	VV	21479	304581	0.45%	0.060%
267	12.871	12.852	12.885	VV	30245	422844	0.62%	0.083%
268	12.912	12.885	12.953	VV	286279	3842183	5.63%	0.751%
269	12.993	12.953	13.041	VV	468160	5719652	8.38%	1.118%
270	13.060	13.041	13.076	VV	5457	71244	0.10%	0.014%
271	13.086	13.076	13.100	VV	3316	35729	0.05%	0.007%
272	13.140	13.100	13.151	VV	7962	147387	0.22%	0.029%
273	13.174	13.151	13.191	VV	21955	337732	0.49%	0.066%
274	13.208	13.191	13.226	VV	12293	224520	0.33%	0.044%
275	13.238	13.226	13.259	VV	9154	119816	0.18%	0.023%
276	13.291	13.259	13.316	PV	362976	4285335	6.28%	0.838%
277	13.376	13.316	13.399	VV	3359831	68268699	100.00%	13.347%
278	13.425	13.399	13.440	VV	2211678	27454846	40.22%	5.367%
279	13.445	13.440	13.487	VV	225395	2315843	3.39%	0.453%
280	13.500	13.487	13.505	VV	16126	143171	0.21%	0.028%
281	13.529	13.505	13.535	VV	62609	739027	1.08%	0.144%
282	13.585	13.535	13.602	VV	527892	10585942	15.51%	2.070%
283	13.614	13.602	13.677	VV	159629	2545551	3.73%	0.498%
284	13.696	13.677	13.715	VV	20021	307227	0.45%	0.060%
285	13.764	13.715	13.795	VV	95433	1744317	2.56%	0.341%
286	13.801	13.795	13.817	VV	13034	134882	0.20%	0.026%
287	13.833	13.817	13.849	VV	10541	160768	0.24%	0.031%
288	13.892	13.849	13.933	VV	60122	1382651	2.03%	0.270%
289	13.950	13.933	13.970	VV	18056	260372	0.38%	0.051%
290	13.995	13.970	14.015	VV	29751	506538	0.74%	0.099%
291	14.036	14.015	14.055	VV	39478	584526	0.86%	0.114%
292	14.070	14.055	14.086	VV	28113	372874	0.55%	0.073%
293	14.112	14.086	14.136	VV	247010	3377510	4.95%	0.660%
294	14.162	14.136	14.185	VV	50129	959469	1.41%	0.188%
295	14.204	14.185	14.267	VV	37540	923383	1.35%	0.181%
296	14.283	14.267	14.302	VV	10350	177325	0.26%	0.035%
297	14.331	14.302	14.340	VV	25248	400235	0.59%	0.078%
298	14.344	14.340	14.369	VV	23915	327270	0.48%	0.064%
299	14.396	14.369	14.406	VV	33812	562291	0.82%	0.110%

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300	14.411	14.406	14.454	VV	31078	549143	0.80%	0.107%
301	14.471	14.454	14.477	VV	13421	167011	0.24%	0.033%
302	14.500	14.477	14.536	VV	27134	764135	1.12%	0.149%
303	14.564	14.536	14.583	VV	38701	839452	1.23%	0.164%
304	14.592	14.583	14.607	VV	27495	383682	0.56%	0.075%
305	14.626	14.607	14.651	VV	54658	893222	1.31%	0.175%
306	14.674	14.651	14.703	VV	52822	1023745	1.50%	0.200%
307	14.733	14.703	14.770	VV	92315	1864448	2.73%	0.365%
308	14.795	14.770	14.833	VV	72970	1415202	2.07%	0.277%
309	14.857	14.833	14.889	VV	59605	1364707	2.00%	0.267%
310	14.902	14.889	14.911	VV	33588	428323	0.63%	0.084%
311	14.931	14.911	14.963	VV	61807	1148417	1.68%	0.225%
312	15.010	14.963	15.032	VV	84559	1739865	2.55%	0.340%
313	15.050	15.032	15.089	VV	57257	1152916	1.69%	0.225%
314	15.105	15.089	15.114	VV	21553	292907	0.43%	0.057%
315	15.130	15.114	15.139	VV	26503	362306	0.53%	0.071%
316	15.175	15.139	15.192	VV	220420	3211302	4.70%	0.628%
317	15.215	15.192	15.245	VV	447814	5958687	8.73%	1.165%
318	15.264	15.245	15.304	VV	37105	1020931	1.50%	0.200%
319	15.335	15.304	15.386	VV	45388	1525593	2.23%	0.298%
320	15.423	15.386	15.445	VV	36782	1049148	1.54%	0.205%
321	15.481	15.445	15.501	VV	46113	1102428	1.61%	0.216%
322	15.518	15.501	15.544	VV	38746	842245	1.23%	0.165%
323	15.559	15.544	15.576	VV	29014	514394	0.75%	0.101%
324	15.601	15.576	15.655	VV	77532	2278331	3.34%	0.445%
325	15.660	15.655	15.694	VV	35859	718377	1.05%	0.140%
326	15.698	15.694	15.704	VV	26915	147450	0.22%	0.029%
327	15.733	15.704	15.752	VV	56415	1213484	1.78%	0.237%
328	15.760	15.752	15.768	VV	41660	389826	0.57%	0.076%
329	15.791	15.768	15.824	VV	78415	1764085	2.58%	0.345%
330	15.846	15.824	15.867	VV	70399	1253359	1.84%	0.245%
331	15.883	15.867	15.900	VV	45513	767654	1.12%	0.150%
332	15.912	15.900	15.929	VV	40188	653645	0.96%	0.128%
333	15.959	15.929	15.972	VV	39599	934381	1.37%	0.183%
334	15.993	15.972	16.029	VV	50893	1546765	2.27%	0.302%
335	16.039	16.029	16.059	VV	42801	740309	1.08%	0.145%
336	16.081	16.059	16.102	VV	46495	1073813	1.57%	0.210%
337	16.121	16.102	16.147	VV	44201	1083111	1.59%	0.212%
338	16.165	16.147	16.188	VV	44974	966751	1.42%	0.189%
339	16.236	16.188	16.264	VV	239328	4393171	6.44%	0.859%
340	16.292	16.264	16.327	VV	56435	1734070	2.54%	0.339%
341	16.357	16.327	16.365	VV	35159	765785	1.12%	0.150%
342	16.373	16.365	16.385	VV	34891	418711	0.61%	0.082%
343	16.403	16.385	16.407	VV	44478	508114	0.74%	0.099%
344	16.413	16.407	16.417	VV	44863	261991	0.38%	0.051%
345	16.424	16.417	16.430	VV	45274	347745	0.51%	0.068%
346	16.446	16.430	16.465	VV	48327	940082	1.38%	0.184%
347	16.485	16.465	16.504	VV	52237	1066421	1.56%	0.208%
348	16.533	16.504	16.538	VV	54918	990214	1.45%	0.194%
349	16.555	16.538	16.579	VV	63037	1375965	2.02%	0.269%
350	16.611	16.579	16.638	VV	84084	2303935	3.37%	0.450%
351	16.646	16.638	16.669	VV	60176	984002	1.44%	0.192%

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352	16.687	16.669	16.699	VV	58078	962386	1.41%	0.188%
353	16.741	16.699	16.758	VV	220878	4324563	6.33%	0.845%
354	16.767	16.758	16.823	VV	126954	2763465	4.05%	0.540%
355	16.830	16.823	16.844	VV	43362	527404	0.77%	0.103%
356	16.872	16.844	16.897	VV	75013	1844955	2.70%	0.361%
357	16.902	16.897	16.917	VV	53816	596476	0.87%	0.117%
358	16.942	16.917	16.969	VV	53643	1559727	2.28%	0.305%
359	16.991	16.969	17.000	VV	51493	870537	1.28%	0.170%
360	17.020	17.000	17.032	VV	60550	1064503	1.56%	0.208%
361	17.062	17.032	17.095	VV	150919	3285898	4.81%	0.642%
362	17.122	17.095	17.156	VV	165028	3325673	4.87%	0.650%
363	17.185	17.156	17.208	VV	224159	3958305	5.80%	0.774%
364	17.221	17.208	17.247	VV	89560	1710065	2.50%	0.334%
365	17.264	17.247	17.284	VV	60430	1194381	1.75%	0.234%
366	17.333	17.284	17.337	VV	54653	1568267	2.30%	0.307%
367	17.362	17.337	17.389	VV	59103	1761408	2.58%	0.344%
368	17.404	17.389	17.409	VV	54585	626581	0.92%	0.122%
369	17.432	17.409	17.451	VV	56878	1384976	2.03%	0.271%
370	17.508	17.451	17.539	VV	70145	3163674	4.63%	0.619%
371	17.559	17.539	17.594	VV	73897	2012136	2.95%	0.393%
372	17.633	17.594	17.671	VV	89380	3061675	4.48%	0.599%
373	17.678	17.671	17.695	VV	53491	759432	1.11%	0.148%
374	17.712	17.695	17.727	VV	54953	1012336	1.48%	0.198%
375	17.748	17.727	17.756	VV	56132	943051	1.38%	0.184%
376	17.777	17.756	17.836	VV	61922	2619324	3.84%	0.512%
377	17.843	17.836	17.852	VV	48968	476485	0.70%	0.093%
378	17.880	17.852	17.893	VV	49475	1167434	1.71%	0.228%
379	17.913	17.893	17.923	VV	52943	924112	1.35%	0.181%
380	17.930	17.923	17.947	VV	54776	752018	1.10%	0.147%
381	17.958	17.947	17.973	VV	52409	774611	1.13%	0.151%
382	18.000	17.973	18.032	VV	56834	1890312	2.77%	0.370%
383	18.074	18.032	18.109	VV	225391	4857489	7.12%	0.950%
384	18.117	18.109	18.141	VV	56016	1028067	1.51%	0.201%
385	18.161	18.141	18.179	VV	68367	1376560	2.02%	0.269%
386	18.231	18.179	18.256	VV	77773	3063615	4.49%	0.599%
387	18.270	18.256	18.308	VV	67944	1966035	2.88%	0.384%
388	18.313	18.308	18.316	VV	57337	260928	0.38%	0.051%
389	18.322	18.316	18.337	VV	58847	726710	1.06%	0.142%
390	18.344	18.337	18.351	VV	57248	448437	0.66%	0.088%
391	18.354	18.351	18.358	VV	56191	255942	0.37%	0.050%
392	18.365	18.358	18.384	VV	58160	876329	1.28%	0.171%
393	18.404	18.384	18.418	VV	90882	1569008	2.30%	0.307%
394	18.434	18.418	18.466	VV	100411	2455469	3.60%	0.480%
395	18.500	18.466	18.531	VV	154990	3791769	5.55%	0.741%
396	18.535	18.531	18.568	VV	72161	1451693	2.13%	0.284%
397	18.597	18.568	18.612	VV	73321	1808788	2.65%	0.354%
398	18.630	18.612	18.643	VV	81413	1348662	1.98%	0.264%
399	18.660	18.643	18.681	VV	75716	1601994	2.35%	0.313%
400	18.685	18.681	18.720	VV	65785	1424106	2.09%	0.278%
401	18.724	18.720	18.731	VV	58996	378944	0.56%	0.074%
402	18.758	18.731	18.818	VV	122303	4055173	5.94%	0.793%
403	18.839	18.818	18.846	VV	63093	1032357	1.51%	0.202%
404	18.904	18.846	18.944	VV	259342	6644528	9.73%	1.299%

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405	18.958	18.944	18.967	VV	62409	856348	1.25%	0.167%
406	19.007	18.967	19.051	VV	95810	3909147	5.73%	0.764%
407	19.067	19.051	19.087	VV	78564	1634222	2.39%	0.319%
408	19.090	19.087	19.116	VV	71959	1169687	1.71%	0.229%
409	19.120	19.116	19.126	VV	66279	391341	0.57%	0.077%
410	19.135	19.126	19.139	VV	66589	537234	0.79%	0.105%
411	19.145	19.139	19.156	VV	67606	635995	0.93%	0.124%
412	19.192	19.156	19.216	VV	76605	2587315	3.79%	0.506%
413	19.237	19.216	19.242	VV	75347	1119379	1.64%	0.219%
414	19.274	19.242	19.308	VV	162899	4668290	6.84%	0.913%
415	19.323	19.308	19.369	VV	100601	3199941	4.69%	0.626%
416	19.393	19.369	19.407	VV	85702	1825425	2.67%	0.357%
417	19.412	19.407	19.421	VV	87864	670441	0.98%	0.131%
418	19.446	19.421	19.517	VV	101425	4723365	6.92%	0.923%
419	19.551	19.517	19.596	VV	97165	3907230	5.72%	0.764%
420	19.603	19.596	19.634	VV	78084	1678002	2.46%	0.328%
421	19.687	19.634	19.712	VV	197559	5214506	7.64%	1.019%
422	19.731	19.712	19.749	VV	102923	2085448	3.05%	0.408%
423	19.767	19.749	19.787	VV	103985	2111107	3.09%	0.413%
424	19.812	19.787	19.832	VV	91254	2366887	3.47%	0.463%
425	19.844	19.832	19.849	VV	84494	828838	1.21%	0.162%
426	19.852	19.849	19.859	VV	84584	490580	0.72%	0.096%
427	19.878	19.859	19.882	VV	92616	1227967	1.80%	0.240%
428	19.919	19.882	19.946	VV	106623	3597074	5.27%	0.703%
429	19.983	19.946	20.019	VV	118562	4389535	6.43%	0.858%
430	20.054	20.019	20.096	VV	211795	6153783	9.01%	1.203%
431	20.101	20.096	20.150	VV	100792	3096488	4.54%	0.605%
432	20.154	20.150	20.161	VV	86205	564315	0.83%	0.110%
433	20.171	20.161	20.184	VV	86462	1180701	1.73%	0.231%
434	20.208	20.184	20.217	VV	97061	1813401	2.66%	0.355%
435	20.223	20.217	20.229	VV	94242	676630	0.99%	0.132%
436	20.235	20.229	20.264	VV	94124	1900177	2.78%	0.371%
437	20.304	20.264	20.331	VV	122961	4259906	6.24%	0.833%
438	20.365	20.331	20.370	VV	107166	2484985	3.64%	0.486%
439	20.376	20.370	20.398	VV	108327	1745058	2.56%	0.341%
440	20.428	20.398	20.461	VV	195183	5254853	7.70%	1.027%
441	20.471	20.461	20.475	VV	103909	887536	1.30%	0.174%
442	20.484	20.475	20.488	VV	107273	831207	1.22%	0.163%
443	20.506	20.488	20.556	VV	116573	4455735	6.53%	0.871%
444	20.573	20.556	20.611	VV	110001	3482198	5.10%	0.681%
445	20.650	20.611	20.667	VV	122010	3836031	5.62%	0.750%
446	20.676	20.667	20.686	VV	116256	1261621	1.85%	0.247%
447	20.691	20.686	20.696	VV	118233	700211	1.03%	0.137%
448	20.703	20.696	20.716	VV	120764	1419405	2.08%	0.277%
449	20.744	20.716	20.764	VV	129431	3623886	5.31%	0.708%
450	20.781	20.764	20.826	VV	127043	4356549	6.38%	0.852%
451	20.830	20.826	20.872	VV	103762	2726862	3.99%	0.533%
452	20.876	20.872	20.879	VV	93969	360748	0.53%	0.071%
453	20.893	20.879	20.909	VV	96184	1674094	2.45%	0.327%
454	20.915	20.909	20.922	VV	93120	768817	1.13%	0.150%
455	20.936	20.922	20.947	VV	96060	1411293	2.07%	0.276%
456	20.956	20.947	20.966	VV	99916	1132219	1.66%	0.221%

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457	20.972	20.966	20.977	VV	98536	624634	0.91%	0.122%
458	20.993	20.977	21.019	VV	100685	2470352	3.62%	0.483%
459	21.027	21.019	21.032	VV	95409	733830	1.07%	0.143%
460	21.036	21.032	21.061	VV	95910	1587216	2.32%	0.310%
461	21.071	21.061	21.100	VV	90984	2053021	3.01%	0.401%
462	21.109	21.100	21.114	VV	84199	730034	1.07%	0.143%
463	21.164	21.114	21.212	VV	152294	5887053	8.62%	1.151%
464	21.217	21.212	21.228	VV	71732	659039	0.97%	0.129%
465	21.236	21.228	21.240	VV	70796	534842	0.78%	0.105%
466	21.245	21.240	21.265	VV	71008	1040911	1.52%	0.203%
467	21.282	21.265	21.317	VV	74338	2265762	3.32%	0.443%
468	21.322	21.317	21.337	VV	72810	835214	1.22%	0.163%
469	21.345	21.337	21.389	VV	72930	2141242	3.14%	0.419%
470	21.422	21.389	21.439	VV	69246	2009987	2.94%	0.393%
471	21.454	21.439	21.479	VV	65944	1527000	2.24%	0.299%
472	21.484	21.479	21.496	VV	60884	579770	0.85%	0.113%
473	21.544	21.496	21.550	VV	62289	1937424	2.84%	0.379%
474	21.588	21.550	21.673	VV	66584	4187480	6.13%	0.819%
475	21.677	21.673	21.682	VV	44127	246085	0.36%	0.048%
476	21.687	21.682	21.721	VV	45247	995749	1.46%	0.195%
477	21.735	21.721	21.742	VV	44042	555545	0.81%	0.109%
478	21.745	21.742	21.764	VV	42706	535970	0.79%	0.105%
479	21.773	21.764	21.779	VV	41085	363881	0.53%	0.071%
480	21.785	21.779	21.842	VV	41436	1480900	2.17%	0.290%
481	21.847	21.842	21.872	VV	36088	601070	0.88%	0.118%
482	21.894	21.872	21.904	VV	32505	583988	0.86%	0.114%
483	21.926	21.904	21.939	VV	33147	669976	0.98%	0.131%
484	21.947	21.939	21.961	VV	33565	418755	0.61%	0.082%
485	21.966	21.961	21.973	VV	31616	219025	0.32%	0.043%
486	21.979	21.973	22.012	VV	29506	622485	0.91%	0.122%
487	22.022	22.012	22.027	VV	24676	209783	0.31%	0.041%
488	22.071	22.027	22.121	VV	72967	2378485	3.48%	0.465%
489	22.140	22.121	22.155	VV	20892	399283	0.58%	0.078%
490	22.187	22.155	22.210	VV	22696	661074	0.97%	0.129%
491	22.215	22.210	22.281	VV	20161	465102	0.68%	0.091%
492	22.286	22.281	22.307	VV	4667	50250	0.07%	0.010%
493	22.321	22.307	22.341	VV	5372	73971	0.11%	0.014%
					Sum of corrected areas: 511506117			

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