

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012623\
 Data File : FG011316.D
 Signal(s) : FID1A.ch
 Acq On : 26 Jan 2023 14:50
 Sample : 01243-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG123022.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.622	1.598	1.637	BV	2437	26224	0.59%	0.017%
2	1.643	1.637	1.656	VV	1132	10504	0.23%	0.007%
3	1.671	1.656	1.706	VV	2336	32142	0.72%	0.021%
4	1.714	1.706	1.726	VV	511	5335	0.12%	0.003%
5	1.746	1.726	1.754	VV	632	9023	0.20%	0.006%
6	1.761	1.754	1.813	VV	595	17598	0.39%	0.011%
7	1.818	1.813	1.826	VV	469	3282	0.07%	0.002%
8	1.846	1.826	1.887	VV	951	23992	0.54%	0.015%
9	1.907	1.887	1.953	VV	837	20448	0.46%	0.013%
10	1.969	1.953	1.996	VV	537	10882	0.24%	0.007%
11	2.014	1.996	2.026	VV	392	6248	0.14%	0.004%
12	2.030	2.026	2.043	VV	356	3229	0.07%	0.002%
13	2.078	2.043	2.085	VV	399	8654	0.19%	0.006%
14	2.091	2.085	2.101	VV	382	3316	0.07%	0.002%
15	2.105	2.101	2.115	VV	339	2637	0.06%	0.002%
16	2.119	2.115	2.130	VV	302	2629	0.06%	0.002%
17	2.149	2.130	2.176	VV	485	9278	0.21%	0.006%
18	2.180	2.176	2.186	VV	253	1573	0.04%	0.001%
19	2.191	2.186	2.206	VV	294	2990	0.07%	0.002%
20	2.210	2.206	2.217	VV	287	1743	0.04%	0.001%
21	2.233	2.217	2.238	VV	301	3491	0.08%	0.002%
22	2.255	2.238	2.271	VV	489	7450	0.17%	0.005%
23	2.287	2.271	2.329	VV	1638	27788	0.62%	0.018%
24	2.367	2.329	2.411	VV	1254	26146	0.58%	0.017%
25	2.426	2.411	2.468	VV	1352	22711	0.51%	0.015%
26	2.471	2.468	2.477	VV	341	1682	0.04%	0.001%
27	2.485	2.477	2.504	VV	373	5050	0.11%	0.003%
28	2.543	2.504	2.556	VV	363	9681	0.22%	0.006%
29	2.559	2.556	2.566	VV	401	1904	0.04%	0.001%
30	2.573	2.566	2.587	VV	371	4019	0.09%	0.003%
31	2.594	2.587	2.618	VV	317	5085	0.11%	0.003%
32	2.651	2.618	2.666	VV	374	8737	0.20%	0.006%
33	2.675	2.666	2.696	VV	325	5185	0.12%	0.003%
34	2.705	2.696	2.713	VV	311	2907	0.06%	0.002%
35	2.716	2.713	2.728	VV	314	2212	0.05%	0.001%
36	2.762	2.728	2.795	VV	550	14959	0.33%	0.010%

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37	2.798	2.795	2.805	VV	335	1946	0.04%	0.001%
38	2.810	2.805	2.816	VV	328	1903	0.04%	0.001%
39	2.824	2.816	2.828	VV	331	2140	0.05%	0.001%
40	2.848	2.828	2.857	VV	442	6026	0.13%	0.004%
41	2.874	2.857	2.883	VV	464	6392	0.14%	0.004%
42	2.896	2.883	2.936	VV	566	13866	0.31%	0.009%
43	2.957	2.936	2.998	VV	667	18187	0.41%	0.012%
44	3.007	2.998	3.014	VV	426	3772	0.08%	0.002%
45	3.038	3.014	3.060	VV	608	13245	0.30%	0.008%
46	3.082	3.060	3.125	VV	747	20552	0.46%	0.013%
47	3.129	3.125	3.137	VV	468	3103	0.07%	0.002%
48	3.147	3.137	3.168	VV	456	8039	0.18%	0.005%
49	3.204	3.168	3.244	VV	782	23961	0.54%	0.015%
50	3.254	3.244	3.292	VV	553	14484	0.32%	0.009%
51	3.296	3.292	3.301	VV	502	2501	0.06%	0.002%
52	3.307	3.301	3.317	VV	527	4641	0.10%	0.003%
53	3.349	3.317	3.361	VV	661	15088	0.34%	0.010%
54	3.366	3.361	3.373	VV	601	3745	0.08%	0.002%
55	3.376	3.373	3.399	VV	556	7927	0.18%	0.005%
56	3.408	3.399	3.451	VV	901	19535	0.44%	0.012%
57	3.455	3.451	3.475	VV	530	6265	0.14%	0.004%
58	3.481	3.475	3.508	VV	379	6796	0.15%	0.004%
59	3.518	3.508	3.527	VV	359	3717	0.08%	0.002%
60	3.535	3.527	3.550	VV	387	4650	0.10%	0.003%
61	3.552	3.550	3.560	VV	346	1820	0.04%	0.001%
62	3.571	3.560	3.596	VV	344	6264	0.14%	0.004%
63	3.603	3.596	3.610	VV	243	2070	0.05%	0.001%
64	3.618	3.610	3.626	VV	249	2200	0.05%	0.001%
65	3.631	3.626	3.642	VV	274	2413	0.05%	0.002%
66	3.646	3.642	3.650	VV	280	1301	0.03%	0.001%
67	3.656	3.650	3.673	VV	313	3838	0.09%	0.002%
68	3.688	3.673	3.717	VV	527	9335	0.21%	0.006%
69	3.722	3.717	3.726	VV	259	1222	0.03%	0.001%
70	3.742	3.726	3.759	VV	340	5562	0.12%	0.004%
71	3.794	3.759	3.827	VV	465	12366	0.28%	0.008%
72	3.832	3.827	3.851	VV	315	3621	0.08%	0.002%
73	3.884	3.851	3.900	VV	304	7148	0.16%	0.005%
74	3.925	3.900	3.963	VV	341	9917	0.22%	0.006%
75	3.969	3.963	3.978	VV	247	1758	0.04%	0.001%
76	3.984	3.978	3.989	VV	228	1202	0.03%	0.001%
77	3.995	3.989	4.001	VV	185	1193	0.03%	0.001%
78	4.004	4.001	4.011	VV	210	1058	0.02%	0.001%
79	4.022	4.011	4.039	VV	277	3746	0.08%	0.002%
80	4.045	4.039	4.078	VV	213	4400	0.10%	0.003%
81	4.082	4.078	4.102	VV	188	1862	0.04%	0.001%
82	4.131	4.102	4.152	VV	2352	25722	0.57%	0.016%
83	4.179	4.152	4.214	VV	958	18495	0.41%	0.012%
84	4.231	4.214	4.287	VV	415	11406	0.25%	0.007%
85	4.295	4.287	4.300	VV	230	1431	0.03%	0.001%
86	4.315	4.300	4.320	VV	302	2796	0.06%	0.002%
87	4.323	4.320	4.333	VV	304	2123	0.05%	0.001%
88	4.365	4.333	4.389	VV	699	13946	0.31%	0.009%
89	4.429	4.389	4.475	VV	369	12611	0.28%	0.008%

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90	4.479	4.475	4.507	VV	240	3235	0.07%	0.002%
91	4.511	4.507	4.521	VV	192	1355	0.03%	0.001%
92	4.540	4.521	4.563	VV	240	4742	0.11%	0.003%
93	4.595	4.563	4.611	VV	685	11332	0.25%	0.007%
94	4.637	4.611	4.660	VV	425	8348	0.19%	0.005%
95	4.670	4.660	4.704	VV	286	5750	0.13%	0.004%
96	4.718	4.704	4.740	VV	277	4213	0.09%	0.003%
97	4.764	4.740	4.796	VV	998	14337	0.32%	0.009%
98	4.800	4.796	4.804	VV	190	784	0.02%	0.001%
99	4.817	4.804	4.823	VV	222	2180	0.05%	0.001%
100	4.827	4.823	4.859	VV	296	4335	0.10%	0.003%
101	4.883	4.859	4.892	VV	256	3599	0.08%	0.002%
102	4.897	4.892	4.901	VV	271	1178	0.03%	0.001%
103	4.920	4.901	4.924	VV	296	3548	0.08%	0.002%
104	4.963	4.924	4.985	VV	661	17352	0.39%	0.011%
105	5.005	4.985	5.012	VV	733	10266	0.23%	0.007%
106	5.101	5.012	5.173	VV	1447	83375	1.86%	0.053%
107	5.180	5.173	5.198	VV	366	4647	0.10%	0.003%
108	5.217	5.198	5.241	VV	449	8964	0.20%	0.006%
109	5.254	5.241	5.275	VV	373	6147	0.14%	0.004%
110	5.303	5.275	5.340	VV	719	18338	0.41%	0.012%
111	5.348	5.340	5.369	VV	312	4457	0.10%	0.003%
112	5.373	5.369	5.378	VV	208	991	0.02%	0.001%
113	5.384	5.378	5.394	VV	270	2225	0.05%	0.001%
114	5.411	5.394	5.433	VV	480	7707	0.17%	0.005%
115	5.444	5.433	5.462	VV	281	3350	0.07%	0.002%
116	5.473	5.462	5.490	VV	161	1896	0.04%	0.001%
117	5.505	5.490	5.516	VV	170	1606	0.04%	0.001%
118	5.539	5.516	5.564	VV	1039	13747	0.31%	0.009%
119	5.579	5.564	5.594	VV	218	3351	0.07%	0.002%
120	5.606	5.594	5.647	VV	254	4325	0.10%	0.003%
121	5.652	5.647	5.659	VV	122	450	0.01%	0.000%
122	5.685	5.659	5.690	PV	211	2197	0.05%	0.001%
123	5.695	5.690	5.717	VV	193	2204	0.05%	0.001%
124	5.736	5.717	5.780	VV	804	15843	0.35%	0.010%
125	5.797	5.780	5.819	VV	483	6493	0.15%	0.004%
126	5.838	5.819	5.873	VV	1642	23090	0.52%	0.015%
127	5.877	5.873	5.883	VV	232	1404	0.03%	0.001%
128	5.886	5.883	5.891	VV	283	1099	0.02%	0.001%
129	5.903	5.891	5.908	VV	232	2051	0.05%	0.001%
130	5.918	5.908	5.945	VV	267	4720	0.11%	0.003%
131	5.948	5.945	5.954	VV	181	951	0.02%	0.001%
132	5.981	5.954	5.996	VV	454	7510	0.17%	0.005%
133	6.002	5.996	6.019	VV	302	3013	0.07%	0.002%
134	6.046	6.019	6.054	VV	306	4680	0.10%	0.003%
135	6.059	6.054	6.079	VV	241	2908	0.06%	0.002%
136	6.097	6.079	6.109	VV	237	3308	0.07%	0.002%
137	6.120	6.109	6.138	VV	276	3856	0.09%	0.002%
138	6.149	6.138	6.171	VV	253	3806	0.09%	0.002%
139	6.179	6.171	6.191	VV	263	2561	0.06%	0.002%
140	6.211	6.191	6.235	VV	302	5386	0.12%	0.003%
141	6.266	6.235	6.287	VV	438	7462	0.17%	0.005%

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142	6.306	6.287	6.337	VV	2221	27774	0.62%	0.018%
143	6.347	6.337	6.368	VV	346	5357	0.12%	0.003%
144	6.382	6.368	6.403	VV	420	5553	0.12%	0.004%
145	6.419	6.403	6.427	VV	188	1817	0.04%	0.001%
146	6.430	6.427	6.440	VV	130	675	0.02%	0.000%
147	6.477	6.440	6.507	VV	943	13963	0.31%	0.009%
148	6.512	6.507	6.523	VV	100	594	0.01%	0.000%
149	6.547	6.523	6.555	VV	184	2263	0.05%	0.001%
150	6.565	6.555	6.579	VV	231	2298	0.05%	0.001%
151	6.604	6.579	6.616	VV	1214	13845	0.31%	0.009%
152	6.622	6.616	6.642	VV	781	7825	0.17%	0.005%
153	6.651	6.642	6.661	VV	252	2440	0.05%	0.002%
154	6.668	6.661	6.674	VV	243	1666	0.04%	0.001%
155	6.679	6.674	6.707	VV	276	2599	0.06%	0.002%
156	6.715	6.707	6.723	VV	114	726	0.02%	0.000%
157	6.735	6.723	6.755	VV	314	4313	0.10%	0.003%
158	6.768	6.755	6.799	VV	472	7149	0.16%	0.005%
159	6.803	6.799	6.823	VV	150	1712	0.04%	0.001%
160	6.829	6.823	6.834	VV	124	748	0.02%	0.000%
161	6.843	6.834	6.862	VV	262	2888	0.06%	0.002%
162	6.883	6.862	6.900	VV	364	4818	0.11%	0.003%
163	6.904	6.900	6.909	VV	204	704	0.02%	0.000%
164	6.921	6.909	6.939	VV	244	2692	0.06%	0.002%
165	6.949	6.939	6.954	VV	109	640	0.01%	0.000%
166	6.968	6.954	6.982	VV	120	1325	0.03%	0.001%
167	6.995	6.982	7.013	VV	258	2288	0.05%	0.001%
168	7.025	7.013	7.036	VV	90	490	0.01%	0.000%
169	7.047	7.036	7.056	VV	85	717	0.02%	0.000%
170	7.061	7.056	7.065	VV	145	619	0.01%	0.000%
171	7.092	7.065	7.116	VV	354	7996	0.18%	0.005%
172	7.118	7.116	7.128	VV	264	1461	0.03%	0.001%
173	7.151	7.128	7.186	VV	284	6471	0.14%	0.004%
174	7.191	7.186	7.195	VV	120	560	0.01%	0.000%
175	7.220	7.195	7.231	VV	374	5216	0.12%	0.003%
176	7.246	7.231	7.263	VV	1040	12845	0.29%	0.008%
177	7.275	7.263	7.297	VV	532	7799	0.17%	0.005%
178	7.307	7.297	7.328	VV	337	4346	0.10%	0.003%
179	7.339	7.328	7.368	VV	192	2963	0.07%	0.002%
180	7.403	7.368	7.417	VV	783	10496	0.23%	0.007%
181	7.435	7.417	7.474	VV	1976	25022	0.56%	0.016%
182	7.487	7.474	7.523	VV	385	5203	0.12%	0.003%
183	7.542	7.523	7.565	VV	609	7453	0.17%	0.005%
184	7.582	7.565	7.609	VV	648	8999	0.20%	0.006%
185	7.618	7.609	7.646	VV	246	3820	0.09%	0.002%
186	7.664	7.646	7.686	VV	254	3739	0.08%	0.002%
187	7.714	7.686	7.744	VV	1384	17425	0.39%	0.011%
188	7.749	7.744	7.756	VV	167	843	0.02%	0.001%
189	7.781	7.756	7.813	VV	246	5227	0.12%	0.003%
190	7.833	7.813	7.847	VV	244	3266	0.07%	0.002%
191	7.851	7.847	7.867	VV	221	1582	0.04%	0.001%
192	7.888	7.867	7.918	VV	427	5942	0.13%	0.004%
193	7.935	7.918	7.953	VV	312	3890	0.09%	0.002%
194	7.965	7.953	7.975	VV	244	2659	0.06%	0.002%

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195	7.979	7.975	7.992	VV	164	1372	0.03%	0.001%
196	8.007	7.992	8.043	VV	284	6511	0.15%	0.004%
197	8.063	8.043	8.108	VV	293	6510	0.15%	0.004%
198	8.145	8.108	8.165	PV	738	15857	0.35%	0.010%
199	8.174	8.165	8.188	VV	504	5680	0.13%	0.004%
200	8.200	8.188	8.222	VV	562	6424	0.14%	0.004%
201	8.245	8.222	8.268	VV	391	6479	0.14%	0.004%
202	8.290	8.268	8.318	VV	570	9496	0.21%	0.006%
203	8.329	8.318	8.334	VV	166	1254	0.03%	0.001%
204	8.344	8.334	8.360	VV	321	3393	0.08%	0.002%
205	8.375	8.360	8.385	VV	195	2429	0.05%	0.002%
206	8.417	8.385	8.448	VV	1054	16181	0.36%	0.010%
207	8.488	8.448	8.509	VV	1006	19056	0.43%	0.012%
208	8.522	8.509	8.537	VV	643	8379	0.19%	0.005%
209	8.550	8.537	8.567	VV	518	7620	0.17%	0.005%
210	8.598	8.567	8.631	VV	2622	36065	0.81%	0.023%
211	8.650	8.631	8.670	VV	279	5366	0.12%	0.003%
212	8.707	8.670	8.745	VV	1668	25613	0.57%	0.016%
213	8.761	8.745	8.785	VV	379	5740	0.13%	0.004%
214	8.797	8.785	8.817	VV	310	3511	0.08%	0.002%
215	8.828	8.817	8.853	VV	322	3822	0.09%	0.002%
216	8.871	8.853	8.883	VV	404	4332	0.10%	0.003%
217	8.888	8.883	8.915	VV	247	3130	0.07%	0.002%
218	8.918	8.915	8.940	VV	131	1268	0.03%	0.001%
219	8.962	8.940	8.987	PV	556	8128	0.18%	0.005%
220	9.006	8.987	9.021	VV	678	8620	0.19%	0.006%
221	9.033	9.021	9.046	VV	455	5267	0.12%	0.003%
222	9.056	9.046	9.068	VV	397	4378	0.10%	0.003%
223	9.088	9.068	9.112	VV	515	10734	0.24%	0.007%
224	9.138	9.112	9.161	VV	708	12900	0.29%	0.008%
225	9.168	9.161	9.181	VV	208	2089	0.05%	0.001%
226	9.207	9.181	9.226	VV	1510	22471	0.50%	0.014%
227	9.230	9.226	9.243	VV	808	7165	0.16%	0.005%
228	9.247	9.243	9.268	VV	496	5852	0.13%	0.004%
229	9.282	9.268	9.305	VV	569	7456	0.17%	0.005%
230	9.345	9.305	9.367	VV	965	18359	0.41%	0.012%
231	9.372	9.367	9.393	VV	255	2838	0.06%	0.002%
232	9.427	9.393	9.448	VV	1764	24635	0.55%	0.016%
233	9.463	9.448	9.488	VV	557	8421	0.19%	0.005%
234	9.514	9.488	9.538	VV	347	6233	0.14%	0.004%
235	9.543	9.538	9.550	PV	30	128	0.00%	0.000%
236	9.578	9.550	9.593	PV	399	5871	0.13%	0.004%
237	9.608	9.593	9.631	VV	350	5568	0.12%	0.004%
238	9.664	9.631	9.681	VV	260	4599	0.10%	0.003%
239	9.689	9.681	9.701	VV	127	982	0.02%	0.001%
240	9.718	9.701	9.731	VV	332	3607	0.08%	0.002%
241	9.752	9.731	9.783	VV	3780	47760	1.07%	0.031%
242	9.806	9.783	9.837	VV	914	19474	0.44%	0.012%
243	9.845	9.837	9.863	VV	348	4361	0.10%	0.003%
244	9.879	9.863	9.894	VV	615	7477	0.17%	0.005%
245	9.898	9.894	9.914	VV	269	2580	0.06%	0.002%
246	9.946	9.914	9.967	VV	601	11040	0.25%	0.007%

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247	9.989	9.967	10.016	VV	572	11049	0.25%	0.007%
248	10.038	10.016	10.049	VV	436	7165	0.16%	0.005%
249	10.078	10.049	10.107	VV	32423	334868	7.48%	0.214%
250	10.144	10.107	10.174	VV	1792	33399	0.75%	0.021%
251	10.211	10.174	10.268	VV	2008	41378	0.92%	0.026%
252	10.310	10.268	10.358	VV	499	13369	0.30%	0.009%
253	10.389	10.358	10.403	PV	256	3678	0.08%	0.002%
254	10.422	10.403	10.436	VV	174	1664	0.04%	0.001%
255	10.445	10.436	10.450	VV	97	558	0.01%	0.000%
256	10.467	10.450	10.472	VV	108	1177	0.03%	0.001%
257	10.509	10.472	10.531	VV	390	5452	0.12%	0.003%
258	10.553	10.531	10.578	VV	598	8852	0.20%	0.006%
259	10.598	10.578	10.621	VV	853	11305	0.25%	0.007%
260	10.636	10.621	10.642	VV	481	4141	0.09%	0.003%
261	10.652	10.642	10.656	VV	460	3696	0.08%	0.002%
262	10.662	10.656	10.666	VV	421	2492	0.06%	0.002%
263	10.685	10.666	10.712	VV	800	13425	0.30%	0.009%
264	10.732	10.712	10.738	PV	463	4722	0.11%	0.003%
265	10.746	10.738	10.780	VV	423	7200	0.16%	0.005%
266	10.801	10.780	10.822	VV	541	9289	0.21%	0.006%
267	10.856	10.822	10.890	VV	976	25015	0.56%	0.016%
268	10.905	10.890	10.923	VV	1004	13181	0.29%	0.008%
269	10.952	10.923	10.966	VV	2323	33487	0.75%	0.021%
270	10.972	10.966	10.992	VV	1322	14164	0.32%	0.009%
271	11.025	10.992	11.051	VV	1398	31819	0.71%	0.020%
272	11.054	11.051	11.058	VV	466	1968	0.04%	0.001%
273	11.081	11.058	11.101	VV	1005	18061	0.40%	0.012%
274	11.106	11.101	11.152	VV	636	10352	0.23%	0.007%
275	11.176	11.152	11.184	PV	425	5515	0.12%	0.004%
276	11.208	11.184	11.254	VV	7471	125296	2.80%	0.080%
277	11.283	11.254	11.323	VV	3681	51573	1.15%	0.033%
278	11.343	11.323	11.361	VV	583	9035	0.20%	0.006%
279	11.414	11.361	11.423	VV	379	11587	0.26%	0.007%
280	11.455	11.423	11.478	VV	547	9861	0.22%	0.006%
281	11.499	11.478	11.539	VV	987	17755	0.40%	0.011%
282	11.565	11.539	11.571	PV	458	5441	0.12%	0.003%
283	11.603	11.571	11.608	VV	1135	14904	0.33%	0.010%
284	11.627	11.608	11.640	VV	1163	17753	0.40%	0.011%
285	11.671	11.640	11.699	VV	2784	63874	1.43%	0.041%
286	11.730	11.699	11.780	VV	2118	60204	1.35%	0.039%
287	11.816	11.780	11.832	PV	1233	19389	0.43%	0.012%
288	11.851	11.832	11.889	VV	979	21519	0.48%	0.014%
289	11.915	11.889	11.938	VV	3029	41537	0.93%	0.027%
290	11.954	11.938	11.984	VV	647	11972	0.27%	0.008%
291	12.014	11.984	12.029	VV	1888	23156	0.52%	0.015%
292	12.045	12.029	12.064	VV	2788	32072	0.72%	0.021%
293	12.073	12.064	12.078	VV	405	3194	0.07%	0.002%
294	12.081	12.078	12.088	VV	354	1535	0.03%	0.001%
295	12.111	12.088	12.122	VV	2753	33493	0.75%	0.021%
296	12.135	12.122	12.151	VV	2619	37615	0.84%	0.024%
297	12.163	12.151	12.176	VV	2185	23945	0.54%	0.015%
298	12.192	12.176	12.222	VV	3051	39625	0.89%	0.025%
299	12.238	12.222	12.249	VV	342	3079	0.07%	0.002%

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300	12.282	12.249	12.293	VV	646	9569	0.21%	0.006%
301	12.332	12.293	12.358	VV	2585	55646	1.24%	0.036%
302	12.375	12.358	12.393	VV	1584	22607	0.51%	0.014%
303	12.422	12.393	12.459	VV	4068	69066	1.54%	0.044%
304	12.487	12.459	12.513	VV	2342	33316	0.74%	0.021%
305	12.517	12.513	12.524	VV	303	1603	0.04%	0.001%
306	12.530	12.524	12.535	VV	256	1071	0.02%	0.001%
307	12.585	12.535	12.629	PV	107567	1456051	32.54%	0.931%
308	12.639	12.629	12.661	VV	2721	43283	0.97%	0.028%
309	12.665	12.661	12.684	VV	1706	17646	0.39%	0.011%
310	12.698	12.684	12.703	VV	1168	10630	0.24%	0.007%
311	12.710	12.703	12.728	VV	1295	17422	0.39%	0.011%
312	12.738	12.728	12.743	VV	1141	8738	0.20%	0.006%
313	12.759	12.743	12.785	VV	1329	20821	0.47%	0.013%
314	12.811	12.785	12.821	VV	1691	23371	0.52%	0.015%
315	12.830	12.821	12.850	VV	1475	18687	0.42%	0.012%
316	12.870	12.850	12.901	VV	4046	69745	1.56%	0.045%
317	12.919	12.901	12.935	VV	2823	38295	0.86%	0.024%
318	12.974	12.935	13.011	VV	4255	101604	2.27%	0.065%
319	13.035	13.011	13.078	VV	20916	251717	5.62%	0.161%
320	13.102	13.078	13.124	VV	971	18156	0.41%	0.012%
321	13.137	13.124	13.154	VV	714	9290	0.21%	0.006%
322	13.180	13.154	13.189	VV	1636	25675	0.57%	0.016%
323	13.224	13.189	13.255	VV	2621	75708	1.69%	0.048%
324	13.274	13.255	13.293	VV	1900	29774	0.67%	0.019%
325	13.293	13.293	13.308	VV	526	2163	0.05%	0.001%
326	13.335	13.308	13.360	PV	18230	203727	4.55%	0.130%
327	13.392	13.360	13.407	VV	3274	49563	1.11%	0.032%
328	13.423	13.407	13.454	VV	2994	45720	1.02%	0.029%
329	13.475	13.454	13.481	VV	772	7985	0.18%	0.005%
330	13.502	13.481	13.512	VV	1539	19528	0.44%	0.012%
331	13.525	13.512	13.557	VV	1837	34722	0.78%	0.022%
332	13.601	13.557	13.625	VV	12796	206216	4.61%	0.132%
333	13.655	13.625	13.718	VV	11820	288026	6.44%	0.184%
334	13.737	13.718	13.754	VV	2380	40474	0.90%	0.026%
335	13.784	13.754	13.794	VV	4456	68356	1.53%	0.044%
336	13.817	13.794	13.860	VV	42364	576964	12.89%	0.369%
337	13.864	13.860	13.883	VV	2466	28316	0.63%	0.018%
338	13.924	13.883	13.951	VV	5180	106969	2.39%	0.068%
339	13.968	13.951	13.973	VV	1006	8380	0.19%	0.005%
340	13.997	13.973	14.013	VV	2299	35322	0.79%	0.023%
341	14.035	14.013	14.054	VV	2115	32057	0.72%	0.021%
342	14.075	14.054	14.092	VV	3626	45015	1.01%	0.029%
343	14.127	14.092	14.145	VV	5418	91292	2.04%	0.058%
344	14.179	14.145	14.195	VV	5867	100121	2.24%	0.064%
345	14.205	14.195	14.221	VV	4555	53117	1.19%	0.034%
346	14.244	14.221	14.281	VV	3071	60378	1.35%	0.039%
347	14.319	14.281	14.341	VV	2238	49947	1.12%	0.032%
348	14.346	14.341	14.354	VV	1102	8035	0.18%	0.005%
349	14.366	14.354	14.372	VV	1205	10329	0.23%	0.007%
350	14.395	14.372	14.403	VV	2342	28669	0.64%	0.018%
351	14.407	14.403	14.429	VV	2029	18337	0.41%	0.012%

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352	14.437	14.429	14.442	PV	731	3333	0.07%	0.002%
353	14.457	14.442	14.471	VV	1223	15364	0.34%	0.010%
354	14.481	14.471	14.493	VV	740	6225	0.14%	0.004%
355	14.506	14.493	14.526	VV	939	10689	0.24%	0.007%
356	14.548	14.526	14.554	VV	1235	11615	0.26%	0.007%
357	14.562	14.554	14.565	VV	653	3483	0.08%	0.002%
358	14.598	14.565	14.622	VV	3123	64825	1.45%	0.041%
359	14.640	14.622	14.648	VV	2288	29519	0.66%	0.019%
360	14.664	14.648	14.682	VV	3777	49308	1.10%	0.032%
361	14.697	14.682	14.709	VV	1467	18417	0.41%	0.012%
362	14.746	14.709	14.771	VV	14122	221397	4.95%	0.142%
363	14.798	14.771	14.818	VV	17332	258996	5.79%	0.166%
364	14.836	14.818	14.883	VV	8973	230474	5.15%	0.147%
365	14.909	14.883	14.929	VV	5025	78080	1.74%	0.050%
366	14.962	14.929	14.988	VV	12208	189017	4.22%	0.121%
367	15.004	14.988	15.015	VV	2582	32486	0.73%	0.021%
368	15.033	15.015	15.045	VV	2386	35947	0.80%	0.023%
369	15.082	15.045	15.120	VV	105412	1509080	33.72%	0.965%
370	15.129	15.120	15.136	VV	1098	8362	0.19%	0.005%
371	15.143	15.136	15.146	VV	888	4130	0.09%	0.003%
372	15.173	15.146	15.196	VV	3709	64645	1.44%	0.041%
373	15.221	15.196	15.242	VV	16366	208462	4.66%	0.133%
374	15.262	15.242	15.275	VV	12785	163518	3.65%	0.105%
375	15.286	15.275	15.304	VV	9065	103741	2.32%	0.066%
376	15.308	15.304	15.312	VV	1221	4867	0.11%	0.003%
377	15.330	15.312	15.350	VV	1759	25114	0.56%	0.016%
378	15.381	15.350	15.403	VV	3949	61346	1.37%	0.039%
379	15.422	15.403	15.440	VV	1959	26755	0.60%	0.017%
380	15.463	15.440	15.473	VV	1853	21977	0.49%	0.014%
381	15.482	15.473	15.501	VV	1122	12688	0.28%	0.008%
382	15.529	15.501	15.554	PV	3326	58466	1.31%	0.037%
383	15.563	15.554	15.568	VV	1757	11919	0.27%	0.008%
384	15.576	15.568	15.587	VV	2437	24911	0.56%	0.016%
385	15.593	15.587	15.609	VV	2384	24490	0.55%	0.016%
386	15.627	15.609	15.635	VV	2202	26923	0.60%	0.017%
387	15.675	15.635	15.750	VV	43757	1007827	22.52%	0.645%
388	15.755	15.750	15.768	VV	2277	20047	0.45%	0.013%
389	15.771	15.768	15.785	VV	1937	15160	0.34%	0.010%
390	15.824	15.785	15.845	VV	21660	399786	8.93%	0.256%
391	15.859	15.845	15.875	VV	4533	58827	1.31%	0.038%
392	15.899	15.875	15.921	VV	11100	179739	4.02%	0.115%
393	15.941	15.921	15.971	VV	5120	94087	2.10%	0.060%
394	15.980	15.971	15.984	VV	2293	11760	0.26%	0.008%
395	15.991	15.984	16.000	VV	1900	14739	0.33%	0.009%
396	16.027	16.000	16.041	VV	6762	111557	2.49%	0.071%
397	16.058	16.041	16.079	VV	6046	110013	2.46%	0.070%
398	16.083	16.079	16.097	VV	3316	27932	0.62%	0.018%
399	16.129	16.097	16.148	VV	4302	100424	2.24%	0.064%
400	16.155	16.148	16.162	VV	3203	23230	0.52%	0.015%
401	16.166	16.162	16.171	VV	2761	12921	0.29%	0.008%
402	16.223	16.171	16.244	VV	4365	134259	3.00%	0.086%
403	16.258	16.244	16.283	VV	4441	80259	1.79%	0.051%
404	16.313	16.283	16.336	VV	12821	222084	4.96%	0.142%

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405	16.341	16.336	16.353	VV	3549	33756	0.75%	0.022%
406	16.374	16.353	16.384	VV	4578	63303	1.41%	0.040%
407	16.388	16.384	16.393	VV	3507	17502	0.39%	0.011%
408	16.413	16.393	16.433	VV	4147	82035	1.83%	0.052%
409	16.443	16.433	16.451	VV	3341	30401	0.68%	0.019%
410	16.455	16.451	16.460	VV	2866	14581	0.33%	0.009%
411	16.480	16.460	16.484	VV	3571	42384	0.95%	0.027%
412	16.502	16.484	16.506	VV	6350	65146	1.46%	0.042%
413	16.521	16.506	16.544	VV	7840	141458	3.16%	0.090%
414	16.564	16.544	16.568	VV	5901	71800	1.60%	0.046%
415	16.578	16.568	16.586	VV	5640	54054	1.21%	0.035%
416	16.614	16.586	16.649	VV	10172	287881	6.43%	0.184%
417	16.653	16.649	16.664	VV	6601	53671	1.20%	0.034%
418	16.670	16.664	16.675	VV	6403	37759	0.84%	0.024%
419	16.709	16.675	16.739	VV	13643	358772	8.02%	0.229%
420	16.792	16.739	16.841	VV	29371	824248	18.42%	0.527%
421	16.878	16.841	16.891	VV	9166	239585	5.35%	0.153%
422	16.921	16.891	16.957	VV	15606	461907	10.32%	0.295%
423	16.974	16.957	16.994	VV	12184	236959	5.29%	0.152%
424	17.028	16.994	17.032	VV	12072	257953	5.76%	0.165%
425	17.037	17.032	17.044	VV	11813	82285	1.84%	0.053%
426	17.068	17.044	17.078	VV	14319	264620	5.91%	0.169%
427	17.109	17.078	17.144	VV	24683	684973	15.31%	0.438%
428	17.166	17.144	17.206	VV	23822	610287	13.64%	0.390%
429	17.217	17.206	17.223	VV	13191	134072	3.00%	0.086%
430	17.266	17.223	17.282	VV	28219	698073	15.60%	0.446%
431	17.312	17.282	17.352	VV	30598	958584	21.42%	0.613%
432	17.368	17.352	17.389	VV	18963	385900	8.62%	0.247%
433	17.395	17.389	17.400	VV	16927	103858	2.32%	0.066%
434	17.408	17.400	17.421	VV	17793	215744	4.82%	0.138%
435	17.424	17.421	17.435	VV	16942	135382	3.03%	0.087%
436	17.464	17.435	17.470	VV	20182	387708	8.66%	0.248%
437	17.475	17.470	17.491	VV	20356	259573	5.80%	0.166%
438	17.514	17.491	17.518	VV	21502	328679	7.34%	0.210%
439	17.527	17.518	17.542	VV	22565	310659	6.94%	0.199%
440	17.546	17.542	17.552	VV	21048	135036	3.02%	0.086%
441	17.556	17.552	17.573	VV	21472	255513	5.71%	0.163%
442	17.589	17.573	17.602	VV	21530	345494	7.72%	0.221%
443	17.610	17.602	17.616	VV	19934	162861	3.64%	0.104%
444	17.620	17.616	17.624	VV	18257	91099	2.04%	0.058%
445	17.667	17.624	17.685	VV	30186	873796	19.53%	0.559%
446	17.700	17.685	17.736	VV	31393	866182	19.36%	0.554%
447	17.740	17.736	17.745	VV	23933	122264	2.73%	0.078%
448	17.759	17.745	17.782	VV	27264	551624	12.33%	0.353%
449	17.796	17.782	17.817	VV	27223	520330	11.63%	0.333%
450	17.841	17.817	17.871	VV	31200	847053	18.93%	0.542%
451	17.896	17.871	17.921	VV	29170	780681	17.44%	0.499%
452	17.927	17.921	17.947	VV	25045	360219	8.05%	0.230%
453	17.961	17.947	17.982	VV	25426	494985	11.06%	0.317%
454	17.989	17.982	17.995	VV	24640	194527	4.35%	0.124%
455	18.015	17.995	18.024	VV	26040	418136	9.34%	0.267%
456	18.035	18.024	18.040	VV	26762	250388	5.59%	0.160%

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457	18.062	18.040	18.071	VV	31805	549035	12.27%	0.351%
458	18.074	18.071	18.100	VV	31057	493193	11.02%	0.315%
459	18.156	18.100	18.184	VV	41263	1629113	36.40%	1.042%
460	18.206	18.184	18.233	VV	33125	903253	20.18%	0.578%
461	18.236	18.233	18.256	VV	31521	409289	9.15%	0.262%
462	18.307	18.256	18.325	VV	33951	1284121	28.69%	0.821%
463	18.347	18.325	18.355	VV	36244	602088	13.45%	0.385%
464	18.368	18.355	18.377	VV	34726	452568	10.11%	0.289%
465	18.400	18.377	18.430	VV	41918	1136103	25.39%	0.727%
466	18.436	18.430	18.443	VV	32780	257406	5.75%	0.165%
467	18.453	18.443	18.457	VV	35839	277655	6.20%	0.178%
468	18.462	18.457	18.472	VV	36175	309402	6.91%	0.198%
469	18.486	18.472	18.497	VV	36792	544365	12.16%	0.348%
470	18.544	18.497	18.567	VV	57642	1937982	43.30%	1.239%
471	18.581	18.567	18.621	VV	43680	1234126	27.58%	0.789%
472	18.625	18.621	18.629	VV	34172	169586	3.79%	0.108%
473	18.640	18.629	18.656	VV	35925	552833	12.35%	0.354%
474	18.681	18.656	18.702	VV	50022	1175908	26.28%	0.752%
475	18.718	18.702	18.730	VV	41838	654295	14.62%	0.418%
476	18.736	18.730	18.743	VV	38672	309291	6.91%	0.198%
477	18.757	18.743	18.777	VV	37639	733002	16.38%	0.469%
478	18.806	18.777	18.849	VV	71677	2056364	45.95%	1.315%
479	18.855	18.849	18.867	VV	38165	411016	9.18%	0.263%
480	18.895	18.867	18.902	VV	40607	807518	18.04%	0.516%
481	18.906	18.902	18.915	VV	40366	308456	6.89%	0.197%
482	18.951	18.915	18.956	VV	41767	989939	22.12%	0.633%
483	18.969	18.956	18.974	VV	43385	446709	9.98%	0.286%
484	18.995	18.974	19.021	VV	48708	1243488	27.79%	0.795%
485	19.036	19.021	19.040	VV	40775	443950	9.92%	0.284%
486	19.062	19.040	19.066	VV	41186	629630	14.07%	0.403%
487	19.070	19.066	19.080	VV	40352	329805	7.37%	0.211%
488	19.088	19.080	19.092	VV	43539	315239	7.04%	0.202%
489	19.117	19.092	19.135	VV	50336	1181907	26.41%	0.756%
490	19.158	19.135	19.185	VV	50865	1407833	31.46%	0.900%
491	19.188	19.185	19.197	VV	44717	306355	6.85%	0.196%
492	19.202	19.197	19.220	VV	46592	619765	13.85%	0.396%
493	19.241	19.220	19.253	VV	51493	964329	21.55%	0.617%
494	19.282	19.253	19.287	VV	49025	967507	21.62%	0.619%
495	19.290	19.287	19.297	VV	48598	287516	6.42%	0.184%
496	19.326	19.297	19.343	VV	62493	1491602	33.33%	0.954%
497	19.368	19.343	19.404	VV	71413	2289572	51.16%	1.464%
498	19.419	19.404	19.430	VV	56692	852814	19.06%	0.545%
499	19.436	19.430	19.462	VV	55180	1000262	22.35%	0.640%
500	19.499	19.462	19.524	VV	70957	2292150	51.22%	1.466%
501	19.527	19.524	19.550	VV	64758	915649	20.46%	0.586%
502	19.566	19.550	19.578	VV	56583	911297	20.36%	0.583%
503	19.598	19.578	19.624	VV	63381	1567454	35.03%	1.002%
504	19.630	19.624	19.635	VV	54801	353010	7.89%	0.226%
505	19.645	19.635	19.659	VV	56486	799337	17.86%	0.511%
506	19.676	19.659	19.687	VV	59012	986286	22.04%	0.631%
507	19.693	19.687	19.695	VV	58372	271949	6.08%	0.174%
508	19.702	19.695	19.719	VV	59875	805740	18.00%	0.515%
509	19.741	19.719	19.745	VV	57266	899823	20.11%	0.575%

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510	19.776	19.745	19.801	VV	63850	2007903	44.87%	1.284%
511	19.841	19.801	19.859	VV	65700	2156145	48.18%	1.379%
512	19.864	19.859	19.867	VV	62239	280286	6.26%	0.179%
513	19.902	19.867	19.907	VV	69588	1597728	35.70%	1.022%
514	19.911	19.907	19.932	VV	68369	947434	21.17%	0.606%
515	19.957	19.932	19.962	VV	67174	1117529	24.97%	0.715%
516	19.983	19.962	19.986	VV	70352	999925	22.34%	0.639%
517	19.997	19.986	20.014	VV	73128	1167315	26.08%	0.747%
518	20.019	20.014	20.027	VV	68270	534995	11.95%	0.342%
519	20.032	20.027	20.037	VV	69313	422484	9.44%	0.270%
520	20.043	20.037	20.052	VV	70303	611321	13.66%	0.391%
521	20.058	20.052	20.065	VV	69589	517149	11.56%	0.331%
522	20.073	20.065	20.094	VV	70625	1191200	26.62%	0.762%
523	20.098	20.094	20.109	VV	68569	604596	13.51%	0.387%
524	20.143	20.109	20.165	VV	74302	2386509	53.33%	1.526%
525	20.172	20.165	20.181	VV	72759	670046	14.97%	0.429%
526	20.187	20.181	20.195	VV	71965	585110	13.07%	0.374%
527	20.200	20.195	20.204	VV	70663	401121	8.96%	0.257%
528	20.208	20.204	20.230	VV	70721	1054323	23.56%	0.674%
529	20.243	20.230	20.250	VV	70475	823643	18.40%	0.527%
530	20.252	20.250	20.256	VV	69079	248427	5.55%	0.159%
531	20.282	20.256	20.306	VV	73918	2144643	47.92%	1.372%
532	20.324	20.306	20.329	VV	72408	958746	21.42%	0.613%
533	20.347	20.329	20.372	VV	80071	1983198	44.31%	1.268%
534	20.375	20.372	20.381	VV	74081	394319	8.81%	0.252%
535	20.412	20.381	20.437	VV	86019	2687773	60.06%	1.719%
536	20.448	20.437	20.474	VV	79110	1664664	37.20%	1.065%
537	20.496	20.474	20.501	VV	75677	1226864	27.41%	0.785%
538	20.507	20.501	20.511	VV	78149	438389	9.80%	0.280%
539	20.547	20.511	20.564	VV	83120	2514793	56.19%	1.608%
540	20.568	20.564	20.574	VV	77641	459627	10.27%	0.294%
541	20.596	20.574	20.618	VV	81138	2057289	45.97%	1.316%
542	20.628	20.618	20.649	VV	79412	1457196	32.56%	0.932%
543	20.690	20.649	20.735	VV	112637	4475232	100.00%	2.862%
544	20.753	20.735	20.769	VV	77580	1555690	34.76%	0.995%
545	20.782	20.769	20.811	VV	77615	1912908	42.74%	1.223%
546	20.830	20.811	20.871	VV	76590	2662293	59.49%	1.703%
547	20.896	20.871	20.923	VV	73413	2235418	49.95%	1.430%
548	20.926	20.923	20.933	VV	70503	438235	9.79%	0.280%
549	20.940	20.933	20.955	VV	71000	918645	20.53%	0.588%
550	20.962	20.955	20.978	VV	68466	909432	20.32%	0.582%
551	21.012	20.978	21.053	VV	72115	3074531	68.70%	1.966%
552	21.059	21.053	21.109	VV	65705	2072318	46.31%	1.325%
553	21.150	21.109	21.154	VV	59230	1589633	35.52%	1.017%
554	21.157	21.154	21.169	VV	58949	499554	11.16%	0.319%
555	21.174	21.169	21.179	VV	57393	345722	7.73%	0.221%
556	21.184	21.179	21.193	VV	57211	471683	10.54%	0.302%
557	21.215	21.193	21.236	VV	57265	1448215	32.36%	0.926%
558	21.252	21.236	21.260	VV	55260	780771	17.45%	0.499%
559	21.278	21.260	21.287	VV	53688	835298	18.66%	0.534%
560	21.298	21.287	21.328	VV	52785	1227224	27.42%	0.785%
561	21.332	21.328	21.336	VV	45813	217135	4.85%	0.139%

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562	21.352	21.336	21.380	VV	48289	1252344	27.98%	0.801%
563	21.385	21.380	21.395	VV	46581	411367	9.19%	0.263%
564	21.400	21.395	21.435	VV	46719	1067357	23.85%	0.683%
565	21.441	21.435	21.453	VV	42602	452401	10.11%	0.289%
566	21.459	21.453	21.465	VV	42685	281478	6.29%	0.180%
567	21.468	21.465	21.519	VV	42063	1305182	29.16%	0.835%
568	21.525	21.519	21.538	VV	40288	458732	10.25%	0.293%
569	21.545	21.538	21.585	VV	38880	1051109	23.49%	0.672%
570	21.599	21.585	21.603	VV	36327	384120	8.58%	0.246%
571	21.610	21.603	21.624	VV	37759	446708	9.98%	0.286%
572	21.631	21.624	21.636	VV	35768	266283	5.95%	0.170%
573	21.638	21.636	21.652	VV	35296	321335	7.18%	0.206%
574	21.657	21.652	21.663	VV	33103	216721	4.84%	0.139%
575	21.672	21.663	21.683	VV	32541	377353	8.43%	0.241%
576	21.689	21.683	21.703	VV	31926	382274	8.54%	0.244%
577	21.719	21.703	21.727	VV	33878	472366	10.56%	0.302%
578	21.732	21.727	21.744	VV	32655	321741	7.19%	0.206%
579	21.749	21.744	21.765	VV	32193	403706	9.02%	0.258%
580	21.773	21.765	21.808	VV	31217	740091	16.54%	0.473%
581	21.816	21.808	21.834	VV	27633	407571	9.11%	0.261%
582	21.840	21.834	21.852	VV	25313	257954	5.76%	0.165%
583	21.860	21.852	21.865	VV	24768	193349	4.32%	0.124%
584	21.868	21.865	21.895	VV	24205	400903	8.96%	0.256%
585	21.906	21.895	21.910	VV	22049	195866	4.38%	0.125%
586	21.925	21.910	21.940	VV	22428	390439	8.72%	0.250%
587	21.945	21.940	21.952	VV	21840	142564	3.19%	0.091%
588	21.960	21.952	21.982	VV	21019	349332	7.81%	0.223%
589	21.987	21.982	21.994	VV	18428	128867	2.88%	0.082%
590	22.002	21.994	22.018	VV	18521	250585	5.60%	0.160%
591	22.032	22.018	22.039	VV	17346	214901	4.80%	0.137%
592	22.043	22.039	22.065	VV	16680	234576	5.24%	0.150%
593	22.071	22.065	22.078	VV	14413	106402	2.38%	0.068%
594	22.092	22.078	22.112	VV	15472	274620	6.14%	0.176%
595	22.121	22.112	22.155	VV	13065	280107	6.26%	0.179%
596	22.175	22.155	22.203	VV	11111	285266	6.37%	0.182%
597	22.228	22.203	22.242	VV	9422	195230	4.36%	0.125%
598	22.250	22.242	22.256	VV	8190	59345	1.33%	0.038%
599	22.268	22.256	22.281	VV	8170	110111	2.46%	0.070%
600	22.285	22.281	22.312	VV	6954	108328	2.42%	0.069%
601	22.321	22.312	22.357	VV	5158	86468	1.93%	0.055%
602	22.364	22.357	22.380	VV	3290	21599	0.48%	0.014%
					Sum of corrected areas: 156363506			

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