

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062923\
 Data File : FG012315.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jun 2023 14:06
 Sample : 03428-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG062423.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.610	1.600	1.625	BV	1530	17118	0.51%	0.017%
2	1.637	1.625	1.665	VV	2481	34019	1.01%	0.033%
3	1.670	1.665	1.675	VV	808	4914	0.15%	0.005%
4	1.681	1.675	1.707	VV	809	13390	0.40%	0.013%
5	1.712	1.707	1.719	VV	676	4865	0.14%	0.005%
6	1.749	1.719	1.756	VV	776	15324	0.46%	0.015%
7	1.759	1.756	1.768	VV	790	5566	0.17%	0.005%
8	1.771	1.768	1.787	VV	774	8220	0.24%	0.008%
9	1.814	1.787	1.858	VV	1085	36989	1.10%	0.036%
10	1.872	1.858	1.903	VV	973	21762	0.65%	0.021%
11	1.910	1.903	1.917	VV	763	6144	0.18%	0.006%
12	1.924	1.917	1.940	VV	770	10139	0.30%	0.010%
13	1.946	1.940	1.973	VV	668	12051	0.36%	0.012%
14	1.979	1.973	2.010	VV	565	11590	0.35%	0.011%
15	2.017	2.010	2.042	VV	582	10277	0.31%	0.010%
16	2.052	2.042	2.074	VV	567	9925	0.30%	0.010%
17	2.099	2.074	2.118	VV	717	15679	0.47%	0.015%
18	2.124	2.118	2.132	VV	529	4340	0.13%	0.004%
19	2.137	2.132	2.140	VV	541	2186	0.07%	0.002%
20	2.154	2.140	2.167	VV	522	7724	0.23%	0.008%
21	2.173	2.167	2.186	VV	493	5198	0.15%	0.005%
22	2.192	2.186	2.201	VV	498	4180	0.12%	0.004%
23	2.205	2.201	2.209	VV	448	2192	0.07%	0.002%
24	2.225	2.209	2.237	VV	508	7774	0.23%	0.008%
25	2.245	2.237	2.250	VV	533	3892	0.12%	0.004%
26	2.266	2.250	2.275	VV	535	7294	0.22%	0.007%
27	2.279	2.275	2.283	VV	520	2409	0.07%	0.002%
28	2.300	2.283	2.306	VV	578	6829	0.20%	0.007%
29	2.330	2.306	2.395	VV	1095	36825	1.10%	0.036%
30	2.426	2.395	2.433	VV	601	12488	0.37%	0.012%
31	2.437	2.433	2.443	VV	600	3037	0.09%	0.003%

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32	2.448	2.443	2.472	VV	567	9079	0.27%	0.009%
33	2.478	2.472	2.482	VV	515	3160	0.09%	0.003%
34	2.489	2.482	2.497	VV	492	4272	0.13%	0.004%
35	2.504	2.497	2.520	VV	490	6048	0.18%	0.006%
36	2.532	2.520	2.540	VV	583	6003	0.18%	0.006%
37	2.543	2.540	2.579	VV	519	10487	0.31%	0.010%
38	2.611	2.579	2.616	VV	543	10712	0.32%	0.010%
39	2.622	2.616	2.637	VV	520	5948	0.18%	0.006%
40	2.644	2.637	2.670	VV	446	7867	0.23%	0.008%
41	2.678	2.670	2.684	VV	441	3270	0.10%	0.003%
42	2.696	2.684	2.707	VV	484	6000	0.18%	0.006%
43	2.721	2.707	2.727	VV	534	5864	0.17%	0.006%
44	2.732	2.727	2.764	VV	568	10578	0.32%	0.010%
45	2.770	2.764	2.776	VV	448	2978	0.09%	0.003%
46	2.781	2.776	2.791	VV	441	3660	0.11%	0.004%
47	2.822	2.791	2.850	VV	617	17348	0.52%	0.017%
48	2.868	2.850	2.892	VV	520	10988	0.33%	0.011%
49	2.932	2.892	2.937	VV	614	13924	0.41%	0.014%
50	2.943	2.937	2.959	VV	624	7850	0.23%	0.008%
51	2.973	2.959	2.978	VV	685	6855	0.20%	0.007%
52	2.982	2.978	2.997	VV	672	6577	0.20%	0.006%
53	3.001	2.997	3.013	VV	565	5206	0.16%	0.005%
54	3.039	3.013	3.044	VV	824	12346	0.37%	0.012%
55	3.052	3.044	3.088	VV	795	17985	0.54%	0.018%
56	3.091	3.088	3.115	VV	672	8912	0.27%	0.009%
57	3.120	3.115	3.124	VV	511	2656	0.08%	0.003%
58	3.132	3.124	3.138	VV	562	4540	0.14%	0.004%
59	3.144	3.138	3.171	VV	533	9610	0.29%	0.009%
60	3.175	3.171	3.184	VV	508	3830	0.11%	0.004%
61	3.201	3.184	3.212	VV	528	8382	0.25%	0.008%
62	3.216	3.212	3.221	VV	488	2522	0.08%	0.002%
63	3.229	3.221	3.234	VV	519	3954	0.12%	0.004%
64	3.237	3.234	3.247	VV	517	3739	0.11%	0.004%
65	3.278	3.247	3.307	VV	756	20920	0.62%	0.020%
66	3.313	3.307	3.331	VV	562	7706	0.23%	0.008%
67	3.337	3.331	3.344	VV	522	4074	0.12%	0.004%
68	3.348	3.344	3.353	VV	506	2675	0.08%	0.003%
69	3.357	3.353	3.379	VV	514	7568	0.23%	0.007%
70	3.418	3.379	3.426	VV	577	14510	0.43%	0.014%
71	3.436	3.426	3.441	VV	800	6025	0.18%	0.006%
72	3.446	3.441	3.475	VV	844	15504	0.46%	0.015%
73	3.484	3.475	3.493	VV	750	7599	0.23%	0.007%
74	3.519	3.493	3.538	VV	888	21093	0.63%	0.021%
75	3.542	3.538	3.552	VV	786	6557	0.20%	0.006%
76	3.558	3.552	3.574	VV	767	9479	0.28%	0.009%
77	3.589	3.574	3.609	VV	953	18499	0.55%	0.018%
78	3.616	3.609	3.631	VV	920	10992	0.33%	0.011%
79	3.637	3.631	3.645	VV	852	6780	0.20%	0.007%

80	3.667	3.645	3.709	VV	rteres 992	33439	1.00%	0.033%
81	3.726	3.709	3.732	VV	889	11182	0.33%	0.011%
82	3.740	3.732	3.768	VV	884	16412	0.49%	0.016%
83	3.772	3.768	3.775	VV	635	2648	0.08%	0.003%
84	3.800	3.775	3.813	VV	712	14647	0.44%	0.014%
85	3.821	3.813	3.829	VV	643	6009	0.18%	0.006%
86	3.833	3.829	3.848	VV	623	6517	0.19%	0.006%
87	3.863	3.848	3.891	VV	648	15268	0.46%	0.015%
88	3.902	3.891	3.938	VV	658	15279	0.46%	0.015%
89	3.968	3.938	3.984	VV	700	16604	0.49%	0.016%
90	3.992	3.984	4.022	VV	676	12594	0.38%	0.012%
91	4.047	4.022	4.053	VV	573	9605	0.29%	0.009%
92	4.067	4.053	4.081	VV	669	9604	0.29%	0.009%
93	4.103	4.081	4.127	VV	874	19356	0.58%	0.019%
94	4.150	4.127	4.156	VV	932	14056	0.42%	0.014%
95	4.179	4.156	4.212	VV	1059	27972	0.83%	0.027%
96	4.214	4.212	4.221	VV	648	3299	0.10%	0.003%
97	4.225	4.221	4.234	VV	597	4382	0.13%	0.004%
98	4.238	4.234	4.245	VV	609	3614	0.11%	0.004%
99	4.271	4.245	4.288	VV	773	16056	0.48%	0.016%
100	4.313	4.288	4.360	VV	926	30503	0.91%	0.030%
101	4.391	4.360	4.413	VV	675	18080	0.54%	0.018%
102	4.418	4.413	4.453	VV	583	11449	0.34%	0.011%
103	4.461	4.453	4.475	VV	487	5764	0.17%	0.006%
104	4.480	4.475	4.500	VV	433	6018	0.18%	0.006%
105	4.527	4.500	4.562	VV	1379	25201	0.75%	0.025%
106	4.568	4.562	4.581	VV	463	4782	0.14%	0.005%
107	4.585	4.581	4.590	VV	427	2455	0.07%	0.002%
108	4.611	4.590	4.627	VV	525	9791	0.29%	0.010%
109	4.656	4.627	4.668	VV	497	10488	0.31%	0.010%
110	4.705	4.668	4.728	VV	978	21680	0.65%	0.021%
111	4.736	4.728	4.763	VV	567	10153	0.30%	0.010%
112	4.778	4.763	4.795	VV	488	8594	0.26%	0.008%
113	4.810	4.795	4.822	VV	700	9208	0.27%	0.009%
114	4.834	4.822	4.854	VV	637	10421	0.31%	0.010%
115	4.866	4.854	4.876	VV	538	6530	0.19%	0.006%
116	4.886	4.876	4.902	VV	484	6949	0.21%	0.007%
117	4.910	4.902	4.914	VV	392	2582	0.08%	0.003%
118	4.941	4.914	4.956	VV	510	11042	0.33%	0.011%
119	4.969	4.956	4.977	VV	453	5183	0.15%	0.005%
120	4.987	4.977	5.003	VV	538	7533	0.22%	0.007%
121	5.013	5.003	5.019	VV	486	4061	0.12%	0.004%
122	5.035	5.019	5.073	VV	595	13402	0.40%	0.013%
123	5.086	5.073	5.093	VV	335	3719	0.11%	0.004%
124	5.108	5.093	5.118	VV	329	4274	0.13%	0.004%
125	5.130	5.118	5.133	VV	336	2598	0.08%	0.003%
126	5.142	5.133	5.169	VV	413	6471	0.19%	0.006%

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127	5.203	5.169	5.213	VV	796	13410	0.40%	0.013%
128	5.233	5.213	5.256	VV	964	19606	0.58%	0.019%
129	5.275	5.256	5.295	VV	866	16351	0.49%	0.016%
130	5.303	5.295	5.329	VV	599	10304	0.31%	0.010%
131	5.345	5.329	5.361	VV	662	10681	0.32%	0.010%
132	5.365	5.361	5.384	VV	545	6570	0.20%	0.006%
133	5.390	5.384	5.396	VV	408	2603	0.08%	0.003%
134	5.406	5.396	5.412	VV	400	3585	0.11%	0.003%
135	5.416	5.412	5.424	VV	418	2559	0.08%	0.002%
136	5.442	5.424	5.460	VV	465	8134	0.24%	0.008%
137	5.480	5.460	5.528	VV	1126	26268	0.78%	0.026%
138	5.542	5.528	5.558	VV	519	8039	0.24%	0.008%
139	5.563	5.558	5.567	VV	415	2067	0.06%	0.002%
140	5.571	5.567	5.594	VV	367	4753	0.14%	0.005%
141	5.608	5.594	5.633	VV	334	5665	0.17%	0.006%
142	5.636	5.633	5.641	VV	218	949	0.03%	0.001%
143	5.666	5.641	5.715	VV	999	21428	0.64%	0.021%
144	5.739	5.715	5.768	VV	572	10849	0.32%	0.011%
145	5.799	5.768	5.833	VV	939	22532	0.67%	0.022%
146	5.858	5.833	5.892	VV	517	14223	0.42%	0.014%
147	5.924	5.892	5.953	VV	765	15119	0.45%	0.015%
148	5.969	5.953	5.989	VV	382	7239	0.22%	0.007%
149	5.994	5.989	6.017	VV	318	4197	0.13%	0.004%
150	6.021	6.017	6.039	VV	231	2637	0.08%	0.003%
151	6.052	6.039	6.064	VV	229	2960	0.09%	0.003%
152	6.068	6.064	6.084	VV	170	1665	0.05%	0.002%
153	6.087	6.084	6.094	VV	177	882	0.03%	0.001%
154	6.111	6.094	6.116	VV	353	3193	0.10%	0.003%
155	6.142	6.116	6.166	VV	528	11101	0.33%	0.011%
156	6.172	6.166	6.182	VV	304	2700	0.08%	0.003%
157	6.191	6.182	6.207	VV	360	4648	0.14%	0.005%
158	6.216	6.207	6.221	VV	326	2443	0.07%	0.002%
159	6.267	6.221	6.289	VV	772	22736	0.68%	0.022%
160	6.297	6.289	6.325	VV	545	9111	0.27%	0.009%
161	6.345	6.325	6.363	VV	462	8405	0.25%	0.008%
162	6.368	6.363	6.374	VV	333	2057	0.06%	0.002%
163	6.408	6.374	6.460	VV	811	22892	0.68%	0.022%
164	6.496	6.460	6.517	VV	604	15385	0.46%	0.015%
165	6.540	6.517	6.558	VV	877	15225	0.45%	0.015%
166	6.562	6.558	6.569	VV	571	3233	0.10%	0.003%
167	6.581	6.569	6.618	VV	582	12774	0.38%	0.012%
168	6.622	6.618	6.645	VV	359	5095	0.15%	0.005%
169	6.652	6.645	6.675	VV	338	4948	0.15%	0.005%
170	6.696	6.675	6.724	VV	587	11559	0.34%	0.011%
171	6.726	6.724	6.734	VV	233	1226	0.04%	0.001%
172	6.740	6.734	6.757	VV	246	3056	0.09%	0.003%
173	6.776	6.757	6.794	VV	424	7230	0.22%	0.007%
174	6.809	6.794	6.830	VV	305	5167	0.15%	0.005%

175	6.849	6.830	6.871	VV	rteres 466	7844	0.23%	0.008%
176	6.879	6.871	6.898	VV	332	4294	0.13%	0.004%
177	6.911	6.898	6.942	VV	261	4967	0.15%	0.005%
178	6.958	6.942	6.971	VV	253	3134	0.09%	0.003%
179	6.982	6.971	6.997	VV	343	3892	0.12%	0.004%
180	7.002	6.997	7.008	VV	161	753	0.02%	0.001%
181	7.021	7.008	7.046	VV	136	1970	0.06%	0.002%
182	7.050	7.046	7.065	VV	93	735	0.02%	0.001%
183	7.073	7.065	7.077	PV	74	308	0.01%	0.000%
184	7.101	7.077	7.122	VV	222	3057	0.09%	0.003%
185	7.155	7.122	7.177	VV	365	6539	0.19%	0.006%
186	7.199	7.177	7.255	VV	735	21494	0.64%	0.021%
187	7.267	7.255	7.304	VV	358	8081	0.24%	0.008%
188	7.316	7.304	7.321	VV	273	2261	0.07%	0.002%
189	7.327	7.321	7.333	VV	289	2045	0.06%	0.002%
190	7.337	7.333	7.353	VV	279	3141	0.09%	0.003%
191	7.375	7.353	7.402	VV	1051	17518	0.52%	0.017%
192	7.412	7.402	7.458	VV	495	10046	0.30%	0.010%
193	7.475	7.458	7.493	VV	369	4748	0.14%	0.005%
194	7.515	7.493	7.532	VV	769	10419	0.31%	0.010%
195	7.541	7.532	7.572	VV	477	7326	0.22%	0.007%
196	7.586	7.572	7.601	VV	301	3723	0.11%	0.004%
197	7.613	7.601	7.619	VV	271	2310	0.07%	0.002%
198	7.642	7.619	7.697	VV	661	13918	0.41%	0.014%
199	7.709	7.697	7.726	VV	261	3563	0.11%	0.003%
200	7.731	7.726	7.749	VV	188	1957	0.06%	0.002%
201	7.754	7.749	7.758	VV	99	505	0.02%	0.000%
202	7.778	7.758	7.795	VV	237	3514	0.10%	0.003%
203	7.799	7.795	7.802	VV	176	661	0.02%	0.001%
204	7.817	7.802	7.848	VV	265	3290	0.10%	0.003%
205	7.857	7.848	7.863	PV	97	505	0.02%	0.000%
206	7.866	7.863	7.889	VV	117	1295	0.04%	0.001%
207	7.902	7.889	7.908	VV	112	1065	0.03%	0.001%
208	7.925	7.908	7.965	VV	1316	16126	0.48%	0.016%
209	7.978	7.965	7.986	VV	146	1198	0.04%	0.001%
210	8.007	7.986	8.030	VV	209	3419	0.10%	0.003%
211	8.073	8.030	8.078	PV	664	8099	0.24%	0.008%
212	8.096	8.078	8.137	VV	2017	29487	0.88%	0.029%
213	8.141	8.137	8.158	VV	241	2506	0.07%	0.002%
214	8.172	8.158	8.200	VV	249	4208	0.13%	0.004%
215	8.213	8.200	8.234	VV	243	3097	0.09%	0.003%
216	8.252	8.234	8.268	VV	560	7303	0.22%	0.007%
217	8.273	8.268	8.288	VV	243	2122	0.06%	0.002%
218	8.304	8.288	8.324	VV	267	3952	0.12%	0.004%
219	8.342	8.324	8.372	VV	427	7128	0.21%	0.007%
220	8.418	8.372	8.466	VV	1051	28910	0.86%	0.028%
221	8.488	8.466	8.497	VV	652	9594	0.29%	0.009%

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222	8.523	8.497	8.588	VV	1642	37173	1.11%	0.036%
223	8.593	8.588	8.607	VV	257	2301	0.07%	0.002%
224	8.636	8.607	8.658	VV	560	11987	0.36%	0.012%
225	8.676	8.658	8.718	VV	623	13036	0.39%	0.013%
226	8.721	8.718	8.732	VV	181	1372	0.04%	0.001%
227	8.745	8.732	8.752	VV	248	2532	0.08%	0.002%
228	8.769	8.752	8.801	VV	305	6556	0.20%	0.006%
229	8.807	8.801	8.825	VV	121	1242	0.04%	0.001%
230	8.833	8.825	8.838	PV	65	281	0.01%	0.000%
231	8.861	8.838	8.865	VV	175	2263	0.07%	0.002%
232	8.926	8.865	8.940	VV	1739	36480	1.09%	0.036%
233	8.955	8.940	8.988	VV	1477	27841	0.83%	0.027%
234	9.001	8.988	9.032	VV	888	21266	0.63%	0.021%
235	9.046	9.032	9.050	VV	751	7700	0.23%	0.008%
236	9.061	9.050	9.091	VV	937	15246	0.45%	0.015%
237	9.095	9.091	9.099	VV	282	1225	0.04%	0.001%
238	9.135	9.099	9.163	VV	1092	22310	0.66%	0.022%
239	9.176	9.163	9.197	VV	532	8311	0.25%	0.008%
240	9.208	9.197	9.226	VV	447	6486	0.19%	0.006%
241	9.267	9.226	9.304	VV	1954	45537	1.36%	0.044%
242	9.318	9.304	9.322	VV	349	3526	0.11%	0.003%
243	9.350	9.322	9.375	VV	1753	27753	0.83%	0.027%
244	9.388	9.375	9.424	VV	569	10827	0.32%	0.011%
245	9.433	9.424	9.466	VV	314	3445	0.10%	0.003%
246	9.474	9.466	9.478	PV	92	371	0.01%	0.000%
247	9.500	9.478	9.520	VV	297	4115	0.12%	0.004%
248	9.541	9.520	9.566	VV	328	5282	0.16%	0.005%
249	9.581	9.566	9.601	VV	256	3079	0.09%	0.003%
250	9.607	9.601	9.612	VV	121	579	0.02%	0.001%
251	9.643	9.612	9.658	VV	277	5726	0.17%	0.006%
252	9.684	9.658	9.718	VV	2885	46395	1.38%	0.045%
253	9.734	9.718	9.758	VV	1268	22262	0.66%	0.022%
254	9.764	9.758	9.778	VV	543	5717	0.17%	0.006%
255	9.803	9.778	9.837	VV	707	16565	0.49%	0.016%
256	9.851	9.837	9.865	VV	437	5316	0.16%	0.005%
257	9.886	9.865	9.932	VV	1090	18406	0.55%	0.018%
258	9.962	9.932	9.975	PV	900	11493	0.34%	0.011%
259	9.999	9.975	10.059	VV	103410	1280522	38.16%	1.250%
260	10.063	10.059	10.110	VV	3418	63001	1.88%	0.062%
261	10.130	10.110	10.160	VV	3068	49577	1.48%	0.048%
262	10.172	10.160	10.219	VV	847	21698	0.65%	0.021%
263	10.238	10.219	10.256	VV	764	11934	0.36%	0.012%
264	10.287	10.256	10.338	VV	1291	31557	0.94%	0.031%
265	10.342	10.338	10.358	VV	141	1287	0.04%	0.001%
266	10.363	10.358	10.381	VV	85	577	0.02%	0.001%
267	10.401	10.381	10.414	PV	230	1999	0.06%	0.002%
268	10.440	10.414	10.444	PV	398	3487	0.10%	0.003%
269	10.471	10.444	10.503	VV	23611	271168	8.08%	0.265%

270	10.517	10.503	10.543	VV	rteres 1594	25785	0.77%	0.025%
271	10.551	10.543	10.557	VV	651	5343	0.16%	0.005%
272	10.574	10.557	10.594	VV	699	13335	0.40%	0.013%
273	10.606	10.594	10.628	VV	624	9008	0.27%	0.009%
274	10.650	10.628	10.699	VV	1358	27205	0.81%	0.027%
275	10.717	10.699	10.736	PV	618	7330	0.22%	0.007%
276	10.779	10.736	10.811	VV	1107	33147	0.99%	0.032%
277	10.826	10.811	10.853	VV	2228	37282	1.11%	0.036%
278	10.869	10.853	10.904	VV	2297	33800	1.01%	0.033%
279	10.942	10.904	10.962	VV	1825	29850	0.89%	0.029%
280	10.974	10.962	10.987	VV	604	7563	0.23%	0.007%
281	10.996	10.987	11.015	VV	371	5148	0.15%	0.005%
282	11.040	11.015	11.058	VV	416	6810	0.20%	0.007%
283	11.062	11.058	11.073	VV	153	686	0.02%	0.001%
284	11.090	11.073	11.113	PV	588	7150	0.21%	0.007%
285	11.152	11.113	11.182	VV	1974	35076	1.05%	0.034%
286	11.206	11.182	11.226	VV	574	12083	0.36%	0.012%
287	11.246	11.226	11.285	VV	692	15348	0.46%	0.015%
288	11.290	11.285	11.296	VV	251	1493	0.04%	0.001%
289	11.316	11.296	11.334	VV	398	6668	0.20%	0.007%
290	11.346	11.334	11.360	VV	284	2877	0.09%	0.003%
291	11.378	11.360	11.407	VV	780	9254	0.28%	0.009%
292	11.432	11.407	11.458	PV	638	10796	0.32%	0.011%
293	11.473	11.458	11.484	VV	233	3022	0.09%	0.003%
294	11.504	11.484	11.527	VV	1332	18224	0.54%	0.018%
295	11.546	11.527	11.556	VV	1129	12896	0.38%	0.013%
296	11.584	11.556	11.627	VV	5467	92236	2.75%	0.090%
297	11.653	11.627	11.692	VV	3589	58780	1.75%	0.057%
298	11.700	11.692	11.709	VV	154	1006	0.03%	0.001%
299	11.731	11.709	11.744	PV	527	5476	0.16%	0.005%
300	11.767	11.744	11.798	VV	848	13035	0.39%	0.013%
301	11.841	11.798	11.856	VV	1494	24511	0.73%	0.024%
302	11.866	11.856	11.907	VV	843	18082	0.54%	0.018%
303	11.939	11.907	11.950	VV	579	11723	0.35%	0.011%
304	11.980	11.950	12.008	VV	846	21679	0.65%	0.021%
305	12.051	12.008	12.070	VV	905	22365	0.67%	0.022%
306	12.083	12.070	12.105	VV	949	15142	0.45%	0.015%
307	12.124	12.105	12.160	VV	710	12188	0.36%	0.012%
308	12.184	12.160	12.203	PV	827	12486	0.37%	0.012%
309	12.242	12.203	12.281	VV	3037	66906	1.99%	0.065%
310	12.297	12.281	12.311	VV	917	12170	0.36%	0.012%
311	12.336	12.311	12.365	VV	4688	64834	1.93%	0.063%
312	12.378	12.365	12.384	VV	765	7733	0.23%	0.008%
313	12.403	12.384	12.426	VV	1156	20226	0.60%	0.020%
314	12.431	12.426	12.445	VV	573	5796	0.17%	0.006%
315	12.500	12.445	12.563	VV	91340	1201740	35.81%	1.173%
316	12.571	12.563	12.591	VV	1809	27013	0.81%	0.026%

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317	12.608	12.591	12.626	VV	1755	31745	0.95%	0.031%
318	12.632	12.626	12.653	VV	1411	20593	0.61%	0.020%
319	12.657	12.653	12.688	VV	1190	17986	0.54%	0.018%
320	12.710	12.688	12.771	VV	1185	34766	1.04%	0.034%
321	12.831	12.771	12.859	VV	1949	51254	1.53%	0.050%
322	12.885	12.859	12.928	VV	4224	71504	2.13%	0.070%
323	12.953	12.928	12.986	VV	2575	43457	1.30%	0.042%
324	12.992	12.986	13.016	VV	681	7841	0.23%	0.008%
325	13.027	13.016	13.032	VV	181	1315	0.04%	0.001%
326	13.037	13.032	13.043	VV	184	880	0.03%	0.001%
327	13.048	13.043	13.053	VV	170	678	0.02%	0.001%
328	13.075	13.053	13.081	VV	330	3050	0.09%	0.003%
329	13.084	13.081	13.093	VV	347	1841	0.05%	0.002%
330	13.098	13.093	13.103	VV	199	1034	0.03%	0.001%
331	13.142	13.103	13.171	VV	1399	30710	0.92%	0.030%
332	13.182	13.171	13.188	VV	438	3992	0.12%	0.004%
333	13.202	13.188	13.226	VV	625	8467	0.25%	0.008%
334	13.251	13.226	13.279	PV	2557	44503	1.33%	0.043%
335	13.283	13.279	13.288	VV	1011	4813	0.14%	0.005%
336	13.303	13.288	13.323	VV	1169	17644	0.53%	0.017%
337	13.349	13.323	13.362	VV	803	16004	0.48%	0.016%
338	13.380	13.362	13.401	VV	1034	17616	0.52%	0.017%
339	13.403	13.401	13.408	VV	485	1990	0.06%	0.002%
340	13.430	13.408	13.476	VV	1104	20783	0.62%	0.020%
341	13.515	13.476	13.551	PV	5574	148187	4.42%	0.145%
342	13.568	13.551	13.626	VV	4284	99491	2.97%	0.097%
343	13.646	13.626	13.655	VV	951	13223	0.39%	0.013%
344	13.662	13.655	13.686	VV	734	8788	0.26%	0.009%
345	13.728	13.686	13.808	VV	21275	308748	9.20%	0.301%
346	13.838	13.808	13.860	VV	629	11401	0.34%	0.011%
347	13.881	13.860	13.924	VV	900	20118	0.60%	0.020%
348	13.944	13.924	13.948	VV	695	6421	0.19%	0.006%
349	13.951	13.948	13.975	VV	637	5768	0.17%	0.006%
350	14.007	13.975	14.012	PV	1047	14078	0.42%	0.014%
351	14.035	14.012	14.058	VV	2931	42934	1.28%	0.042%
352	14.083	14.058	14.149	VV	5702	111024	3.31%	0.108%
353	14.158	14.149	14.166	VV	530	4001	0.12%	0.004%
354	14.171	14.166	14.180	VV	355	2651	0.08%	0.003%
355	14.200	14.180	14.204	VV	712	8094	0.24%	0.008%
356	14.208	14.204	14.213	VV	808	3600	0.11%	0.004%
357	14.217	14.213	14.221	VV	705	3091	0.09%	0.003%
358	14.226	14.221	14.230	VV	740	3707	0.11%	0.004%
359	14.239	14.230	14.257	VV	745	7115	0.21%	0.007%
360	14.307	14.257	14.340	PV	1185	31457	0.94%	0.031%
361	14.358	14.340	14.371	VV	527	7124	0.21%	0.007%
362	14.383	14.371	14.389	VV	493	4550	0.14%	0.004%
363	14.397	14.389	14.408	VV	457	4282	0.13%	0.004%
364	14.412	14.408	14.425	VV	330	1972	0.06%	0.002%

365	14.449	14.425	14.465	VV	rteres 1428	19201	0.57%	0.019%
366	14.493	14.465	14.523	VV	3320	68652	2.05%	0.067%
367	14.546	14.523	14.551	VV	1081	16849	0.50%	0.016%
368	14.593	14.551	14.622	VV	1732	50101	1.49%	0.049%
369	14.648	14.622	14.674	VV	7277	109673	3.27%	0.107%
370	14.683	14.674	14.695	VV	2173	25514	0.76%	0.025%
371	14.708	14.695	14.737	VV	2934	48075	1.43%	0.047%
372	14.762	14.737	14.798	VV	1657	42298	1.26%	0.041%
373	14.818	14.798	14.841	VV	534	8464	0.25%	0.008%
374	14.870	14.841	14.885	VV	1658	26444	0.79%	0.026%
375	14.903	14.885	14.918	VV	1590	24868	0.74%	0.024%
376	14.939	14.918	14.953	VV	1256	16816	0.50%	0.016%
377	14.986	14.953	15.024	VV	165678	2239850	66.75%	2.187%
378	15.046	15.024	15.053	VV	1693	23482	0.70%	0.023%
379	15.056	15.053	15.064	VV	1255	8140	0.24%	0.008%
380	15.070	15.064	15.075	VV	1271	7872	0.23%	0.008%
381	15.079	15.075	15.088	VV	1208	7449	0.22%	0.007%
382	15.113	15.088	15.117	VV	1572	20518	0.61%	0.020%
383	15.122	15.117	15.127	VV	1558	7821	0.23%	0.008%
384	15.168	15.127	15.213	VV	15941	385719	11.50%	0.377%
385	15.233	15.213	15.253	VV	3508	56135	1.67%	0.055%
386	15.267	15.253	15.296	VV	1961	33995	1.01%	0.033%
387	15.324	15.296	15.333	VV	1701	25827	0.77%	0.025%
388	15.337	15.333	15.342	VV	1484	6754	0.20%	0.007%
389	15.348	15.342	15.364	VV	1537	15163	0.45%	0.015%
390	15.380	15.364	15.406	VV	1191	17818	0.53%	0.017%
391	15.449	15.406	15.476	PV	1235	23208	0.69%	0.023%
392	15.518	15.476	15.538	VV	874	18624	0.56%	0.018%
393	15.571	15.538	15.673	VV	60075	1136916	33.88%	1.110%
394	15.709	15.673	15.747	VV	10786	170972	5.10%	0.167%
395	15.780	15.747	15.801	VV	9850	148123	4.41%	0.145%
396	15.806	15.801	15.821	VV	2223	22210	0.66%	0.022%
397	15.843	15.821	15.877	VV	2749	49482	1.47%	0.048%
398	15.882	15.877	15.888	PV	684	3240	0.10%	0.003%
399	15.926	15.888	15.941	VV	1583	25303	0.75%	0.025%
400	15.969	15.941	15.990	VV	2106	42041	1.25%	0.041%
401	16.020	15.990	16.024	VV	1512	27082	0.81%	0.026%
402	16.035	16.024	16.058	VV	1783	22173	0.66%	0.022%
403	16.104	16.058	16.109	VV	3148	53774	1.60%	0.053%
404	16.117	16.109	16.135	VV	2686	36259	1.08%	0.035%
405	16.140	16.135	16.145	VV	1992	11169	0.33%	0.011%
406	16.150	16.145	16.158	VV	1814	11850	0.35%	0.012%
407	16.168	16.158	16.173	VV	1920	16306	0.49%	0.016%
408	16.212	16.173	16.248	VV	11061	217752	6.49%	0.213%
409	16.252	16.248	16.261	VV	2635	19908	0.59%	0.019%
410	16.277	16.261	16.300	VV	2947	47705	1.42%	0.047%
411	16.323	16.300	16.334	VV	1280	19523	0.58%	0.019%

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412	16.343	16.334	16.358	VV	1309	13005	0.39%	0.013%
413	16.407	16.358	16.412	VV	3646	64476	1.92%	0.063%
414	16.416	16.412	16.438	VV	3308	32471	0.97%	0.032%
415	16.462	16.438	16.473	VV	1508	24797	0.74%	0.024%
416	16.510	16.473	16.536	VV	4706	106761	3.18%	0.104%
417	16.598	16.536	16.639	VV	6811	197248	5.88%	0.193%
418	16.660	16.639	16.673	VV	3203	44096	1.31%	0.043%
419	16.695	16.673	16.723	VV	14109	197907	5.90%	0.193%
420	16.768	16.723	16.789	VV	3168	52880	1.58%	0.052%
421	16.827	16.789	16.844	VV	4397	93174	2.78%	0.091%
422	16.853	16.844	16.873	VV	2907	39347	1.17%	0.038%
423	16.898	16.873	16.934	VV	2732	71601	2.13%	0.070%
424	16.989	16.934	17.005	PV	2834	71970	2.14%	0.070%
425	17.025	17.005	17.062	VV	3374	81949	2.44%	0.080%
426	17.085	17.062	17.100	VV	1962	31708	0.94%	0.031%
427	17.162	17.100	17.201	VV	15157	412707	12.30%	0.403%
428	17.210	17.201	17.245	VV	6196	120809	3.60%	0.118%
429	17.264	17.245	17.274	VV	4322	60359	1.80%	0.059%
430	17.300	17.274	17.316	VV	3586	77584	2.31%	0.076%
431	17.339	17.316	17.343	VV	4019	55592	1.66%	0.054%
432	17.366	17.343	17.374	VV	4566	75273	2.24%	0.073%
433	17.403	17.374	17.430	VV	7317	171594	5.11%	0.168%
434	17.441	17.430	17.445	VV	3249	26207	0.78%	0.026%
435	17.479	17.445	17.503	VV	7456	169727	5.06%	0.166%
436	17.551	17.503	17.559	VV	6093	162346	4.84%	0.159%
437	17.578	17.559	17.591	VV	8169	128949	3.84%	0.126%
438	17.615	17.591	17.640	VV	13058	240358	7.16%	0.235%
439	17.647	17.640	17.664	VV	4907	51609	1.54%	0.050%
440	17.684	17.664	17.698	VV	4754	66547	1.98%	0.065%
441	17.723	17.698	17.760	VV	7119	149923	4.47%	0.146%
442	17.786	17.760	17.801	VV	6187	99503	2.97%	0.097%
443	17.816	17.801	17.835	VV	4777	81124	2.42%	0.079%
444	17.842	17.835	17.860	VV	4398	55313	1.65%	0.054%
445	17.890	17.860	17.903	VV	6405	125633	3.74%	0.123%
446	17.906	17.903	17.918	VV	5635	42830	1.28%	0.042%
447	17.953	17.918	17.974	VV	9192	228780	6.82%	0.223%
448	17.979	17.974	17.983	VV	7527	40802	1.22%	0.040%
449	17.995	17.983	18.014	VV	8347	136732	4.07%	0.133%
450	18.050	18.014	18.076	VV	22917	472601	14.08%	0.461%
451	18.098	18.076	18.120	VV	8314	175919	5.24%	0.172%
452	18.136	18.120	18.157	VV	8132	148807	4.43%	0.145%
453	18.196	18.157	18.215	VV	23147	482303	14.37%	0.471%
454	18.230	18.215	18.261	VV	12679	279715	8.34%	0.273%
455	18.278	18.261	18.288	VV	8778	122756	3.66%	0.120%
456	18.300	18.288	18.309	VV	8398	95680	2.85%	0.093%
457	18.336	18.309	18.347	VV	9006	179335	5.34%	0.175%
458	18.418	18.347	18.459	VV	31666	1204565	35.90%	1.176%
459	18.474	18.459	18.500	VV	23756	451665	13.46%	0.441%

460	18.515	18.500	18.521	VV	rteres 13448	152874	4.56%	0.149%
461	18.565	18.521	18.591	VV	26562	720941	21.49%	0.704%
462	18.599	18.591	18.620	VV	14812	229751	6.85%	0.224%
463	18.626	18.620	18.637	VV	11529	107886	3.22%	0.105%
464	18.648	18.637	18.664	VV	12000	171753	5.12%	0.168%
465	18.688	18.664	18.694	VV	11501	181523	5.41%	0.177%
466	18.711	18.694	18.725	VV	12159	209847	6.25%	0.205%
467	18.732	18.725	18.738	VV	11997	84475	2.52%	0.082%
468	18.742	18.738	18.755	VV	11333	112447	3.35%	0.110%
469	18.771	18.755	18.785	VV	14068	219325	6.54%	0.214%
470	18.789	18.785	18.795	VV	11292	64943	1.94%	0.063%
471	18.799	18.795	18.816	VV	11023	125944	3.75%	0.123%
472	18.883	18.816	18.917	VV	31618	1098948	32.75%	1.073%
473	18.922	18.917	18.929	VV	12992	91804	2.74%	0.090%
474	18.948	18.929	18.960	VV	17482	292892	8.73%	0.286%
475	18.986	18.960	19.010	VV	30552	698429	20.81%	0.682%
476	19.034	19.010	19.058	VV	28034	692068	20.62%	0.676%
477	19.062	19.058	19.082	VV	21148	276236	8.23%	0.270%
478	19.087	19.082	19.108	VV	18267	260040	7.75%	0.254%
479	19.121	19.108	19.126	VV	18114	178299	5.31%	0.174%
480	19.145	19.126	19.150	VV	19273	271366	8.09%	0.265%
481	19.160	19.150	19.168	VV	19836	204990	6.11%	0.200%
482	19.177	19.168	19.190	VV	20175	247257	7.37%	0.241%
483	19.207	19.190	19.212	VV	19582	238076	7.10%	0.232%
484	19.216	19.212	19.218	VV	18823	71210	2.12%	0.070%
485	19.257	19.218	19.265	VV	40254	899406	26.80%	0.878%
486	19.276	19.265	19.302	VV	38912	791946	23.60%	0.773%
487	19.319	19.302	19.348	VV	32748	797763	23.77%	0.779%
488	19.392	19.348	19.405	VV	30908	925741	27.59%	0.904%
489	19.415	19.405	19.443	VV	29571	597254	17.80%	0.583%
490	19.460	19.443	19.465	VV	25713	341624	10.18%	0.334%
491	19.481	19.465	19.485	VV	29239	313877	9.35%	0.306%
492	19.496	19.485	19.505	VV	31360	358750	10.69%	0.350%
493	19.511	19.505	19.523	VV	28888	289600	8.63%	0.283%
494	19.556	19.523	19.567	VV	31041	765681	22.82%	0.748%
495	19.588	19.567	19.599	VV	31598	584573	17.42%	0.571%
496	19.603	19.599	19.619	VV	31877	371940	11.08%	0.363%
497	19.671	19.619	19.688	VV	44209	1503809	44.82%	1.468%
498	19.699	19.688	19.719	VV	40463	700745	20.88%	0.684%
499	19.741	19.719	19.749	VV	35757	599055	17.85%	0.585%
500	19.792	19.749	19.814	VV	44055	1526385	45.49%	1.490%
501	19.821	19.814	19.827	VV	37914	306429	9.13%	0.299%
502	19.842	19.827	19.847	VV	38934	455717	13.58%	0.445%
503	19.853	19.847	19.879	VV	39180	720601	21.48%	0.704%
504	19.893	19.879	19.897	VV	41178	430092	12.82%	0.420%
505	19.905	19.897	19.928	VV	41277	720364	21.47%	0.703%
506	19.952	19.928	19.982	VV	44635	1309176	39.02%	1.278%

					rteres			
507	19.987	19.982	20.002	VV	39415	454648	13.55%	0.444%
508	20.048	20.002	20.070	VV	56713	2041992	60.86%	1.994%
509	20.095	20.070	20.122	VV	55744	1619966	48.28%	1.582%
510	20.135	20.122	20.157	VV	48434	971242	28.94%	0.948%
511	20.163	20.157	20.170	VV	45699	348935	10.40%	0.341%
512	20.202	20.170	20.218	VV	50098	1346170	40.12%	1.314%
513	20.222	20.218	20.229	VV	43207	283208	8.44%	0.277%
514	20.299	20.229	20.305	VV	58822	2328034	69.38%	2.273%
515	20.323	20.305	20.339	VV	61146	1183359	35.27%	1.155%
516	20.346	20.339	20.354	VV	60623	527218	15.71%	0.515%
517	20.362	20.354	20.382	VV	62786	1044484	31.13%	1.020%
518	20.411	20.382	20.439	VV	69375	2167615	64.60%	2.116%
519	20.453	20.439	20.458	VV	59288	690948	20.59%	0.675%
520	20.485	20.458	20.504	VV	70354	1753056	52.24%	1.712%
521	20.509	20.504	20.530	VV	63387	964216	28.74%	0.941%
522	20.577	20.530	20.608	VV	86064	3355486	100.00%	3.276%
523	20.630	20.608	20.635	VV	74656	1165367	34.73%	1.138%
524	20.646	20.635	20.663	VV	74717	1211070	36.09%	1.182%
525	20.668	20.663	20.708	VV	73628	1869529	55.72%	1.825%
526	20.726	20.708	20.731	VV	65787	871022	25.96%	0.850%
527	20.774	20.731	20.806	VV	78355	3181644	94.82%	3.106%
528	20.818	20.806	20.847	VV	71682	1679434	50.05%	1.640%
529	20.862	20.847	20.889	VV	65994	1605059	47.83%	1.567%
530	20.900	20.889	20.916	VV	64680	1022728	30.48%	0.999%
531	20.921	20.916	20.957	VV	60153	1394402	41.56%	1.361%
532	20.984	20.957	20.988	VV	56647	1015318	30.26%	0.991%
533	21.004	20.988	21.008	VV	57978	663873	19.78%	0.648%
534	21.029	21.008	21.036	VV	62853	1015932	30.28%	0.992%
535	21.054	21.036	21.073	VV	63474	1331310	39.68%	1.300%
536	21.077	21.073	21.081	VV	60585	310642	9.26%	0.303%
537	21.087	21.081	21.116	VV	61745	1203287	35.86%	1.175%
538	21.121	21.116	21.123	VV	56251	248197	7.40%	0.242%
539	21.147	21.123	21.220	VV	63805	2942241	87.68%	2.873%
540	21.251	21.220	21.263	VV	40149	991723	29.56%	0.968%
541	21.271	21.263	21.275	VV	40778	275848	8.22%	0.269%
542	21.331	21.275	21.374	VV	49059	2633807	78.49%	2.571%
543	21.382	21.374	21.386	VV	44903	331719	9.89%	0.324%
544	21.394	21.386	21.409	VV	46171	596018	17.76%	0.582%
545	21.412	21.409	21.416	VV	45303	192419	5.73%	0.188%
546	21.428	21.416	21.457	VV	46960	1097659	32.71%	1.072%
547	21.464	21.457	21.525	VV	41804	1462203	43.58%	1.428%
548	21.580	21.525	21.599	VV	35952	1423211	42.41%	1.390%
549	21.624	21.599	21.648	VV	32871	912089	27.18%	0.891%
550	21.662	21.648	21.691	VV	31216	762475	22.72%	0.744%
551	21.705	21.691	21.710	VV	29425	340249	10.14%	0.332%
552	21.714	21.710	21.719	VV	29246	148257	4.42%	0.145%
553	21.723	21.719	21.741	VV	28685	371990	11.09%	0.363%
554	21.752	21.741	21.757	VV	28343	263421	7.85%	0.257%

555	21.772	21.757	21.822	VV	rteres 29230	997105	29.72%	0.974%
556	21.827	21.822	21.845	VV	18793	246348	7.34%	0.241%
557	21.860	21.845	21.878	VV	16056	285594	8.51%	0.279%
558	21.885	21.878	21.900	VV	13383	160865	4.79%	0.157%
559	21.926	21.900	21.930	VV	15272	229274	6.83%	0.224%
560	21.946	21.930	21.954	VV	19445	237389	7.07%	0.232%
561	21.959	21.954	21.974	VV	18418	217250	6.47%	0.212%
562	21.980	21.974	22.010	VV	17857	320898	9.56%	0.313%
563	22.015	22.010	22.022	VV	13425	95406	2.84%	0.093%
564	22.028	22.022	22.033	VV	13000	82151	2.45%	0.080%
565	22.056	22.033	22.065	VV	17458	282669	8.42%	0.276%
566	22.070	22.065	22.085	VV	16116	172769	5.15%	0.169%
567	22.089	22.085	22.106	VV	13886	158847	4.73%	0.155%
568	22.112	22.106	22.129	VV	12120	158300	4.72%	0.155%
569	22.131	22.129	22.200	VBA	11269	306812	9.14%	0.300%
Sum of corrected areas:						102424242		

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