

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062923\
 Data File : FG012314.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jun 2023 13:36
 Sample : 03428-01
 Misc :
 ALS Vial : 13 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	1.627	BV	1540	19349	0.68%	0.021%
2	1.638	1.627	1.712	VV	2472	59196	2.09%	0.063%
3	1.730	1.712	1.735	VV	963	12210	0.43%	0.013%
4	1.750	1.735	1.791	VV	1069	31486	1.11%	0.034%
5	1.816	1.791	1.860	VV	1294	43606	1.54%	0.047%
6	1.878	1.860	1.896	VV	1055	20517	0.72%	0.022%
7	1.901	1.896	1.917	VV	962	11470	0.41%	0.012%
8	1.927	1.917	1.971	VV	902	26207	0.93%	0.028%
9	1.978	1.971	2.004	VV	749	13862	0.49%	0.015%
10	2.023	2.004	2.038	VV	785	14811	0.52%	0.016%
11	2.041	2.038	2.061	VV	717	9129	0.32%	0.010%
12	2.068	2.061	2.079	VV	710	7438	0.26%	0.008%
13	2.104	2.079	2.127	VV	873	20578	0.73%	0.022%
14	2.145	2.127	2.153	VV	676	10183	0.36%	0.011%
15	2.156	2.153	2.162	VV	661	3213	0.11%	0.003%
16	2.166	2.162	2.210	VV	642	16931	0.60%	0.018%
17	2.218	2.210	2.226	VV	603	5553	0.20%	0.006%
18	2.236	2.226	2.249	VV	623	8478	0.30%	0.009%
19	2.253	2.249	2.257	VV	630	2684	0.09%	0.003%
20	2.265	2.257	2.275	VV	660	6685	0.24%	0.007%
21	2.280	2.275	2.296	VV	662	7784	0.28%	0.008%
22	2.304	2.296	2.312	VV	591	5639	0.20%	0.006%
23	2.343	2.312	2.373	VV	1024	27534	0.97%	0.029%
24	2.379	2.373	2.384	VV	602	3931	0.14%	0.004%
25	2.392	2.384	2.402	VV	591	5872	0.21%	0.006%
26	2.431	2.402	2.443	VV	634	13967	0.49%	0.015%
27	2.446	2.443	2.467	VV	595	7719	0.27%	0.008%
28	2.473	2.467	2.498	VV	546	9227	0.33%	0.010%
29	2.510	2.498	2.516	VV	521	5674	0.20%	0.006%
30	2.542	2.516	2.574	VV	573	18545	0.66%	0.020%
31	2.597	2.574	2.620	VV	611	15236	0.54%	0.016%

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32	2.624	2.620	2.631	VV	593	3534	0.12%	0.004%
33	2.638	2.631	2.653	VV	555	6435	0.23%	0.007%
34	2.656	2.653	2.688	VV	502	10056	0.36%	0.011%
35	2.726	2.688	2.736	VV	594	15506	0.55%	0.017%
36	2.741	2.736	2.753	VV	557	5381	0.19%	0.006%
37	2.758	2.753	2.796	VV	532	11820	0.42%	0.013%
38	2.820	2.796	2.828	VV	612	9861	0.35%	0.011%
39	2.831	2.828	2.854	VV	637	9008	0.32%	0.010%
40	2.861	2.854	2.869	VV	537	4516	0.16%	0.005%
41	2.874	2.869	2.879	VV	526	2753	0.10%	0.003%
42	2.882	2.879	2.887	VV	488	2237	0.08%	0.002%
43	2.899	2.887	2.912	VV	485	6951	0.25%	0.007%
44	2.928	2.912	2.935	VV	631	7830	0.28%	0.008%
45	2.941	2.935	2.952	VV	674	6431	0.23%	0.007%
46	2.955	2.952	2.959	VV	679	2912	0.10%	0.003%
47	2.963	2.959	2.967	VV	664	3024	0.11%	0.003%
48	2.978	2.967	3.022	VV	707	19496	0.69%	0.021%
49	3.044	3.022	3.081	VV	897	25273	0.89%	0.027%
50	3.090	3.081	3.117	VV	663	12792	0.45%	0.014%
51	3.129	3.117	3.134	VV	633	5938	0.21%	0.006%
52	3.138	3.134	3.169	VV	635	11533	0.41%	0.012%
53	3.172	3.169	3.179	VV	515	3041	0.11%	0.003%
54	3.185	3.179	3.190	VV	499	3185	0.11%	0.003%
55	3.202	3.190	3.210	VV	542	6145	0.22%	0.007%
56	3.212	3.210	3.218	VV	532	2372	0.08%	0.003%
57	3.227	3.218	3.236	VV	594	5988	0.21%	0.006%
58	3.241	3.236	3.245	VV	555	2741	0.10%	0.003%
59	3.252	3.245	3.257	VV	587	3858	0.14%	0.004%
60	3.273	3.257	3.278	VV	596	6608	0.23%	0.007%
61	3.281	3.278	3.308	VV	572	9672	0.34%	0.010%
62	3.311	3.308	3.321	VV	520	3718	0.13%	0.004%
63	3.326	3.321	3.337	VV	536	4425	0.16%	0.005%
64	3.344	3.337	3.351	VV	527	4100	0.14%	0.004%
65	3.363	3.351	3.378	VV	544	8397	0.30%	0.009%
66	3.387	3.378	3.413	VV	576	10770	0.38%	0.012%
67	3.419	3.413	3.428	VV	547	4395	0.16%	0.005%
68	3.433	3.428	3.437	VV	524	2932	0.10%	0.003%
69	3.442	3.437	3.460	VV	507	6327	0.22%	0.007%
70	3.463	3.460	3.467	VV	506	2204	0.08%	0.002%
71	3.472	3.467	3.478	VV	523	3019	0.11%	0.003%
72	3.486	3.478	3.491	VV	584	4294	0.15%	0.005%
73	3.504	3.491	3.508	VV	676	6232	0.22%	0.007%
74	3.519	3.508	3.526	VV	683	6954	0.25%	0.007%
75	3.541	3.526	3.553	VV	793	11809	0.42%	0.013%
76	3.557	3.553	3.565	VV	698	4579	0.16%	0.005%
77	3.571	3.565	3.576	VV	685	4216	0.15%	0.005%
78	3.587	3.576	3.610	VV	724	14153	0.50%	0.015%
79	3.615	3.610	3.644	VV	758	14061	0.50%	0.015%

80	3.669	3.644	3.673	VV	665	10727	0.38%	0.011%
81	3.677	3.673	3.684	VV	666	4007	0.14%	0.004%
82	3.689	3.684	3.694	VV	602	3203	0.11%	0.003%
83	3.700	3.694	3.708	VV	572	4677	0.17%	0.005%
84	3.717	3.708	3.728	VV	628	6830	0.24%	0.007%
85	3.748	3.728	3.772	VV	792	17415	0.62%	0.019%
86	3.779	3.772	3.784	VV	638	4502	0.16%	0.005%
87	3.791	3.784	3.798	VV	642	5084	0.18%	0.005%
88	3.802	3.798	3.825	VV	629	9270	0.33%	0.010%
89	3.829	3.825	3.833	VV	544	2666	0.09%	0.003%
90	3.837	3.833	3.849	VV	567	4836	0.17%	0.005%
91	3.853	3.849	3.858	VV	526	2676	0.09%	0.003%
92	3.863	3.858	3.873	VV	546	4537	0.16%	0.005%
93	3.880	3.873	3.889	VV	571	5323	0.19%	0.006%
94	3.906	3.889	3.926	VV	603	11850	0.42%	0.013%
95	3.932	3.926	3.942	VV	527	4583	0.16%	0.005%
96	3.961	3.942	3.982	VV	659	12615	0.45%	0.013%
97	3.996	3.982	4.003	VV	546	6399	0.23%	0.007%
98	4.007	4.003	4.023	VV	516	5927	0.21%	0.006%
99	4.033	4.023	4.043	VV	450	5156	0.18%	0.006%
100	4.047	4.043	4.053	VV	457	2398	0.08%	0.003%
101	4.074	4.053	4.079	VV	490	7062	0.25%	0.008%
102	4.119	4.079	4.138	VV	642	19816	0.70%	0.021%
103	4.153	4.138	4.160	VV	918	10847	0.38%	0.012%
104	4.166	4.160	4.172	VV	917	6457	0.23%	0.007%
105	4.178	4.172	4.216	VV	862	20001	0.71%	0.021%
106	4.219	4.216	4.227	VV	653	4131	0.15%	0.004%
107	4.231	4.227	4.245	VV	631	6593	0.23%	0.007%
108	4.251	4.245	4.263	VV	604	6289	0.22%	0.007%
109	4.267	4.263	4.284	VV	602	7116	0.25%	0.008%
110	4.288	4.284	4.292	VV	573	2466	0.09%	0.003%
111	4.313	4.292	4.374	VV	932	32055	1.13%	0.034%
112	4.393	4.374	4.428	VV	718	17613	0.62%	0.019%
113	4.436	4.428	4.443	VV	468	4260	0.15%	0.005%
114	4.448	4.443	4.452	VV	436	2134	0.08%	0.002%
115	4.457	4.452	4.461	VV	482	2438	0.09%	0.003%
116	4.465	4.461	4.474	VV	466	3458	0.12%	0.004%
117	4.489	4.474	4.493	VV	445	4729	0.17%	0.005%
118	4.500	4.493	4.509	VV	438	3786	0.13%	0.004%
119	4.527	4.509	4.552	VV	812	14211	0.50%	0.015%
120	4.580	4.552	4.595	VV	492	11330	0.40%	0.012%
121	4.614	4.595	4.621	VV	522	7029	0.25%	0.008%
122	4.625	4.621	4.640	VV	458	4506	0.16%	0.005%
123	4.655	4.640	4.672	VV	473	8143	0.29%	0.009%
124	4.689	4.672	4.695	VV	490	6180	0.22%	0.007%
125	4.706	4.695	4.733	VV	811	12919	0.46%	0.014%
126	4.738	4.733	4.763	VV	435	6534	0.23%	0.007%

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127	4.781	4.763	4.789	VV	359	4782	0.17%	0.005%
128	4.799	4.789	4.804	VV	364	2878	0.10%	0.003%
129	4.809	4.804	4.833	VV	398	5689	0.20%	0.006%
130	4.851	4.833	4.892	VV	459	12680	0.45%	0.014%
131	4.897	4.892	4.908	VV	340	2815	0.10%	0.003%
132	4.911	4.908	4.926	VV	310	2933	0.10%	0.003%
133	4.929	4.926	4.932	VV	281	1065	0.04%	0.001%
134	4.947	4.932	4.955	VV	368	4373	0.15%	0.005%
135	4.967	4.955	4.974	VV	379	3772	0.13%	0.004%
136	4.990	4.974	4.998	VV	417	5106	0.18%	0.005%
137	5.007	4.998	5.014	VV	427	4015	0.14%	0.004%
138	5.022	5.014	5.055	VV	436	9575	0.34%	0.010%
139	5.070	5.055	5.099	VV	350	7574	0.27%	0.008%
140	5.107	5.099	5.134	VV	331	5149	0.18%	0.006%
141	5.140	5.134	5.146	VV	217	1218	0.04%	0.001%
142	5.161	5.146	5.178	VV	198	3402	0.12%	0.004%
143	5.199	5.178	5.243	VV	508	14687	0.52%	0.016%
144	5.249	5.243	5.265	VV	350	4086	0.14%	0.004%
145	5.280	5.265	5.293	VV	400	6258	0.22%	0.007%
146	5.300	5.293	5.337	VV	440	8438	0.30%	0.009%
147	5.366	5.337	5.383	VV	414	9242	0.33%	0.010%
148	5.387	5.383	5.399	VV	338	2922	0.10%	0.003%
149	5.404	5.399	5.428	VV	294	4187	0.15%	0.004%
150	5.437	5.428	5.461	VV	235	4357	0.15%	0.005%
151	5.482	5.461	5.528	VV	964	22973	0.81%	0.025%
152	5.543	5.528	5.595	VV	530	12869	0.45%	0.014%
153	5.603	5.595	5.627	VV	209	3021	0.11%	0.003%
154	5.668	5.627	5.703	VV	533	12641	0.45%	0.014%
155	5.719	5.703	5.726	VV	424	4569	0.16%	0.005%
156	5.739	5.726	5.769	VV	592	9450	0.33%	0.010%
157	5.788	5.769	5.801	VV	536	7101	0.25%	0.008%
158	5.815	5.801	5.839	VV	466	8325	0.29%	0.009%
159	5.858	5.839	5.896	VV	476	10873	0.38%	0.012%
160	5.921	5.896	5.950	VV	587	11060	0.39%	0.012%
161	5.961	5.950	5.984	VV	274	4521	0.16%	0.005%
162	5.994	5.984	6.003	VV	187	1930	0.07%	0.002%
163	6.008	6.003	6.013	VV	191	933	0.03%	0.001%
164	6.021	6.013	6.041	VV	206	2289	0.08%	0.002%
165	6.060	6.041	6.086	VV	203	3332	0.12%	0.004%
166	6.089	6.086	6.098	VV	49	275	0.01%	0.000%
167	6.143	6.098	6.173	PV	376	9626	0.34%	0.010%
168	6.185	6.173	6.212	VV	260	4981	0.18%	0.005%
169	6.235	6.212	6.246	VV	666	9292	0.33%	0.010%
170	6.279	6.246	6.322	VV	1254	31703	1.12%	0.034%
171	6.336	6.322	6.355	VV	376	5938	0.21%	0.006%
172	6.360	6.355	6.363	VV	224	974	0.03%	0.001%
173	6.367	6.363	6.370	VV	237	900	0.03%	0.001%
174	6.374	6.370	6.376	VV	244	848	0.03%	0.001%

175	6.407	6.376	6.434	VV	rteres 655	14834	0.52%	0.016%
176	6.438	6.434	6.452	VV	257	2447	0.09%	0.003%
177	6.470	6.452	6.475	VV	500	4815	0.17%	0.005%
178	6.485	6.475	6.498	VV	486	5947	0.21%	0.006%
179	6.502	6.498	6.517	VV	413	3698	0.13%	0.004%
180	6.543	6.517	6.567	VV	778	15217	0.54%	0.016%
181	6.581	6.567	6.611	VV	654	12531	0.44%	0.013%
182	6.616	6.611	6.657	VV	346	7060	0.25%	0.008%
183	6.664	6.657	6.674	VV	196	1801	0.06%	0.002%
184	6.695	6.674	6.733	VV	535	10898	0.39%	0.012%
185	6.736	6.733	6.743	VV	201	1039	0.04%	0.001%
186	6.749	6.743	6.756	VV	191	1116	0.04%	0.001%
187	6.776	6.756	6.794	VV	364	5820	0.21%	0.006%
188	6.797	6.794	6.815	VV	226	2487	0.09%	0.003%
189	6.818	6.815	6.827	VV	193	1234	0.04%	0.001%
190	6.847	6.827	6.908	VV	491	12593	0.44%	0.013%
191	6.919	6.908	6.945	VV	203	2898	0.10%	0.003%
192	6.988	6.945	7.006	VV	505	8177	0.29%	0.009%
193	7.021	7.006	7.049	VV	437	5449	0.19%	0.006%
194	7.057	7.049	7.078	VV	89	574	0.02%	0.001%
195	7.103	7.078	7.128	PV	244	3836	0.14%	0.004%
196	7.159	7.128	7.167	VV	272	4476	0.16%	0.005%
197	7.207	7.167	7.228	VV	1887	32916	1.16%	0.035%
198	7.236	7.228	7.249	VV	914	9803	0.35%	0.010%
199	7.261	7.249	7.286	VV	959	13986	0.49%	0.015%
200	7.294	7.286	7.298	VV	351	2161	0.08%	0.002%
201	7.303	7.298	7.311	VV	350	2632	0.09%	0.003%
202	7.343	7.311	7.366	VV	580	14659	0.52%	0.016%
203	7.381	7.366	7.396	VV	542	8128	0.29%	0.009%
204	7.409	7.396	7.461	VV	691	14088	0.50%	0.015%
205	7.477	7.461	7.495	VV	260	3525	0.12%	0.004%
206	7.515	7.495	7.533	VV	664	9667	0.34%	0.010%
207	7.538	7.533	7.568	VV	617	7927	0.28%	0.008%
208	7.582	7.568	7.602	VV	279	4362	0.15%	0.005%
209	7.641	7.602	7.667	VV	761	14804	0.52%	0.016%
210	7.683	7.667	7.691	VV	423	4997	0.18%	0.005%
211	7.710	7.691	7.739	VV	745	15284	0.54%	0.016%
212	7.745	7.739	7.771	VV	477	6913	0.24%	0.007%
213	7.776	7.771	7.788	VV	310	2636	0.09%	0.003%
214	7.814	7.788	7.845	VV	405	8409	0.30%	0.009%
215	7.850	7.845	7.859	VV	131	912	0.03%	0.001%
216	7.869	7.859	7.881	VV	194	1842	0.07%	0.002%
217	7.895	7.881	7.906	VV	295	3120	0.11%	0.003%
218	7.926	7.906	7.965	VV	1005	15812	0.56%	0.017%
219	7.973	7.965	7.993	VV	135	1675	0.06%	0.002%
220	8.021	7.993	8.040	PV	379	5866	0.21%	0.006%
221	8.069	8.040	8.079	VV	844	13521	0.48%	0.014%

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222	8.094	8.079	8.146	VV	1406	24819	0.88%	0.027%
223	8.171	8.146	8.193	VV	283	5768	0.20%	0.006%
224	8.211	8.193	8.228	VV	317	4399	0.16%	0.005%
225	8.252	8.228	8.287	VV	783	13399	0.47%	0.014%
226	8.305	8.287	8.323	VV	272	4012	0.14%	0.004%
227	8.339	8.323	8.365	VV	530	7313	0.26%	0.008%
228	8.423	8.365	8.468	VV	1355	43874	1.55%	0.047%
229	8.490	8.468	8.496	VV	655	9533	0.34%	0.010%
230	8.521	8.496	8.590	VV	1758	42259	1.49%	0.045%
231	8.600	8.590	8.605	VV	257	2163	0.08%	0.002%
232	8.638	8.605	8.653	VV	509	11202	0.40%	0.012%
233	8.676	8.653	8.698	VV	897	15060	0.53%	0.016%
234	8.704	8.698	8.725	VV	270	3548	0.13%	0.004%
235	8.744	8.725	8.753	VV	347	4387	0.15%	0.005%
236	8.757	8.753	8.798	VV	289	6201	0.22%	0.007%
237	8.806	8.798	8.838	VV	198	2191	0.08%	0.002%
238	8.929	8.838	8.939	PV	959	34281	1.21%	0.037%
239	8.955	8.939	8.965	VV	1196	16122	0.57%	0.017%
240	8.976	8.965	8.992	VV	1047	14459	0.51%	0.015%
241	9.013	8.992	9.029	VV	1022	18466	0.65%	0.020%
242	9.040	9.029	9.049	VV	1176	12922	0.46%	0.014%
243	9.061	9.049	9.094	VV	1328	20344	0.72%	0.022%
244	9.112	9.094	9.121	VV	459	5631	0.20%	0.006%
245	9.137	9.121	9.159	VV	620	11370	0.40%	0.012%
246	9.169	9.159	9.190	VV	557	8831	0.31%	0.009%
247	9.208	9.190	9.226	VV	600	10108	0.36%	0.011%
248	9.267	9.226	9.281	VV	2045	39564	1.40%	0.042%
249	9.296	9.281	9.328	VV	2265	42180	1.49%	0.045%
250	9.348	9.328	9.372	VV	2258	34815	1.23%	0.037%
251	9.384	9.372	9.407	VV	745	12121	0.43%	0.013%
252	9.409	9.407	9.414	VV	416	1684	0.06%	0.002%
253	9.428	9.414	9.462	VV	484	7954	0.28%	0.009%
254	9.478	9.462	9.482	PV	218	1540	0.05%	0.002%
255	9.502	9.482	9.521	VV	406	6062	0.21%	0.006%
256	9.542	9.521	9.565	VV	442	7659	0.27%	0.008%
257	9.583	9.565	9.600	VV	362	4911	0.17%	0.005%
258	9.651	9.600	9.664	VV	482	11286	0.40%	0.012%
259	9.685	9.664	9.707	VV	1999	29812	1.05%	0.032%
260	9.734	9.707	9.761	VV	1317	30753	1.09%	0.033%
261	9.765	9.761	9.779	VV	570	5164	0.18%	0.006%
262	9.805	9.779	9.832	VV	890	20070	0.71%	0.021%
263	9.849	9.832	9.867	VV	543	8185	0.29%	0.009%
264	9.883	9.867	9.896	VV	586	7194	0.25%	0.008%
265	9.906	9.896	9.934	VV	513	6759	0.24%	0.007%
266	9.962	9.934	9.974	PV	821	9760	0.34%	0.010%
267	9.998	9.974	10.058	VV	78550	992706	35.07%	1.062%
268	10.066	10.058	10.105	VV	3369	66357	2.34%	0.071%
269	10.129	10.105	10.173	VV	3817	69846	2.47%	0.075%

270	10.181	10.173	10.210	VV	rteres 673	12285	0.43%	0.013%
271	10.238	10.210	10.265	VV	729	14302	0.51%	0.015%
272	10.300	10.265	10.351	VV	1120	30253	1.07%	0.032%
273	10.401	10.351	10.419	VV	2187	38345	1.35%	0.041%
274	10.428	10.419	10.446	VV	885	12050	0.43%	0.013%
275	10.470	10.446	10.495	VV	11533	147853	5.22%	0.158%
276	10.515	10.495	10.533	VV	10176	118850	4.20%	0.127%
277	10.549	10.533	10.582	VV	8603	107217	3.79%	0.115%
278	10.612	10.582	10.632	VV	3847	60874	2.15%	0.065%
279	10.655	10.632	10.674	VV	7333	103375	3.65%	0.111%
280	10.682	10.674	10.695	VV	2488	25831	0.91%	0.028%
281	10.716	10.695	10.753	VV	22969	287645	10.16%	0.308%
282	10.780	10.753	10.817	VV	35121	754727	26.66%	0.807%
283	10.843	10.817	10.881	VV	21463	510798	18.05%	0.546%
284	10.894	10.881	10.905	VV	5613	67119	2.37%	0.072%
285	10.937	10.905	10.955	VV	11272	229600	8.11%	0.246%
286	10.972	10.955	11.012	VV	15608	266313	9.41%	0.285%
287	11.036	11.012	11.061	VV	21011	263370	9.30%	0.282%
288	11.093	11.061	11.136	VV	11525	223896	7.91%	0.239%
289	11.151	11.136	11.180	VV	1816	29877	1.06%	0.032%
290	11.193	11.180	11.198	VV	761	7344	0.26%	0.008%
291	11.206	11.198	11.225	VV	750	9438	0.33%	0.010%
292	11.256	11.225	11.267	VV	1390	24515	0.87%	0.026%
293	11.282	11.267	11.306	VV	1952	27708	0.98%	0.030%
294	11.328	11.306	11.335	VV	968	12470	0.44%	0.013%
295	11.352	11.335	11.365	VV	1376	19150	0.68%	0.020%
296	11.377	11.365	11.402	VV	1201	14789	0.52%	0.016%
297	11.427	11.402	11.481	PV	1065	26688	0.94%	0.029%
298	11.502	11.481	11.527	VV	1322	19599	0.69%	0.021%
299	11.543	11.527	11.554	VV	1369	15594	0.55%	0.017%
300	11.581	11.554	11.612	VV	6791	111735	3.95%	0.120%
301	11.638	11.612	11.693	VV	21715	320915	11.34%	0.343%
302	11.700	11.693	11.711	VV	405	3262	0.12%	0.003%
303	11.730	11.711	11.742	VV	308	3529	0.12%	0.004%
304	11.764	11.742	11.803	PV	607	12662	0.45%	0.014%
305	11.838	11.803	11.857	VV	1422	28347	1.00%	0.030%
306	11.864	11.857	11.908	VV	1015	19273	0.68%	0.021%
307	11.933	11.908	11.951	VV	705	13449	0.48%	0.014%
308	11.971	11.951	12.001	VV	1288	24516	0.87%	0.026%
309	12.049	12.001	12.071	VV	1020	28154	0.99%	0.030%
310	12.082	12.071	12.106	VV	988	15894	0.56%	0.017%
311	12.124	12.106	12.159	VV	787	13803	0.49%	0.015%
312	12.181	12.159	12.201	PV	1066	15176	0.54%	0.016%
313	12.240	12.201	12.271	VV	3559	75660	2.67%	0.081%
314	12.296	12.271	12.303	VV	764	12208	0.43%	0.013%
315	12.335	12.303	12.352	VV	1937	33951	1.20%	0.036%
316	12.366	12.352	12.387	VV	1656	28539	1.01%	0.031%

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317	12.397	12.387	12.416	VV	1333	18312	0.65%	0.020%
318	12.435	12.416	12.451	VV	1127	17631	0.62%	0.019%
319	12.496	12.451	12.578	VV	63865	899318	31.77%	0.962%
320	12.582	12.578	12.588	VV	1567	8846	0.31%	0.009%
321	12.610	12.588	12.625	VV	2099	39092	1.38%	0.042%
322	12.634	12.625	12.676	VV	1672	39627	1.40%	0.042%
323	12.706	12.676	12.713	VV	1090	20243	0.72%	0.022%
324	12.727	12.713	12.734	VV	1260	13635	0.48%	0.015%
325	12.739	12.734	12.761	VV	1002	10353	0.37%	0.011%
326	12.780	12.761	12.786	VV	555	5054	0.18%	0.005%
327	12.832	12.786	12.858	VV	2280	59920	2.12%	0.064%
328	12.883	12.858	12.928	VV	4753	81097	2.86%	0.087%
329	12.952	12.928	12.986	VV	2215	42921	1.52%	0.046%
330	12.994	12.986	13.021	VV	943	10563	0.37%	0.011%
331	13.035	13.021	13.055	VV	338	4248	0.15%	0.005%
332	13.077	13.055	13.101	VV	584	9995	0.35%	0.011%
333	13.143	13.101	13.165	VV	1382	30821	1.09%	0.033%
334	13.204	13.165	13.225	VV	1160	23500	0.83%	0.025%
335	13.264	13.225	13.288	PV	3836	78676	2.78%	0.084%
336	13.297	13.288	13.326	VV	1203	17876	0.63%	0.019%
337	13.354	13.326	13.360	VV	836	14725	0.52%	0.016%
338	13.380	13.360	13.410	VV	1426	27464	0.97%	0.029%
339	13.433	13.410	13.460	VV	1167	21307	0.75%	0.023%
340	13.464	13.460	13.473	VV	244	1224	0.04%	0.001%
341	13.513	13.473	13.551	VV	3824	127133	4.49%	0.136%
342	13.569	13.551	13.608	VV	3065	69894	2.47%	0.075%
343	13.612	13.608	13.626	VV	975	6977	0.25%	0.007%
344	13.642	13.626	13.648	VV	812	8666	0.31%	0.009%
345	13.663	13.648	13.684	VV	704	10504	0.37%	0.011%
346	13.725	13.684	13.809	VV	12438	208782	7.38%	0.223%
347	13.841	13.809	13.860	VV	709	12609	0.45%	0.013%
348	13.880	13.860	13.894	VV	968	12393	0.44%	0.013%
349	13.905	13.894	13.920	VV	845	10137	0.36%	0.011%
350	13.937	13.920	13.953	VV	668	9400	0.33%	0.010%
351	13.957	13.953	13.969	VV	540	3084	0.11%	0.003%
352	13.998	13.969	14.008	VV	1284	19361	0.68%	0.021%
353	14.034	14.008	14.059	VV	2668	43199	1.53%	0.046%
354	14.082	14.059	14.154	VV	5962	121973	4.31%	0.130%
355	14.160	14.154	14.170	VV	684	4442	0.16%	0.005%
356	14.178	14.170	14.183	VV	434	2729	0.10%	0.003%
357	14.206	14.183	14.211	VV	755	9299	0.33%	0.010%
358	14.218	14.211	14.234	VV	794	9022	0.32%	0.010%
359	14.238	14.234	14.260	VV	507	4136	0.15%	0.004%
360	14.298	14.260	14.343	PV	1381	31143	1.10%	0.033%
361	14.350	14.343	14.362	VV	448	3638	0.13%	0.004%
362	14.381	14.362	14.408	VV	1214	16745	0.59%	0.018%
363	14.412	14.408	14.414	VV	227	670	0.02%	0.001%
364	14.418	14.414	14.422	VV	295	815	0.03%	0.001%

365	14.447	14.422	14.464	VV	1297	18899	0.67%	0.020%
366	14.493	14.464	14.521	VV	3130	58881	2.08%	0.063%
367	14.539	14.521	14.545	VV	1292	14149	0.50%	0.015%
368	14.555	14.545	14.560	VV	1186	9471	0.33%	0.010%
369	14.591	14.560	14.607	VV	2203	42759	1.51%	0.046%
370	14.614	14.607	14.621	VV	928	6636	0.23%	0.007%
371	14.646	14.621	14.666	VV	6294	85580	3.02%	0.092%
372	14.683	14.666	14.690	VV	2367	29185	1.03%	0.031%
373	14.707	14.690	14.728	VV	2692	44680	1.58%	0.048%
374	14.740	14.728	14.744	VV	1121	9914	0.35%	0.011%
375	14.763	14.744	14.799	VV	1798	36831	1.30%	0.039%
376	14.830	14.799	14.837	PV	527	9491	0.34%	0.010%
377	14.869	14.837	14.878	VV	1012	14591	0.52%	0.016%
378	14.893	14.878	14.916	VV	1785	28134	0.99%	0.030%
379	14.937	14.916	14.951	VV	1501	21382	0.76%	0.023%
380	14.983	14.951	15.022	VV	98682	1359889	48.04%	1.454%
381	15.028	15.022	15.043	VV	1082	12557	0.44%	0.013%
382	15.077	15.043	15.091	VV	1244	26457	0.93%	0.028%
383	15.115	15.091	15.125	VV	1489	24372	0.86%	0.026%
384	15.166	15.125	15.211	VV	16205	349568	12.35%	0.374%
385	15.230	15.211	15.256	VV	4088	71717	2.53%	0.077%
386	15.270	15.256	15.293	VV	1966	31013	1.10%	0.033%
387	15.325	15.293	15.360	VV	1784	44644	1.58%	0.048%
388	15.376	15.360	15.401	VV	1236	17387	0.61%	0.019%
389	15.429	15.401	15.465	PV	12936	185813	6.56%	0.199%
390	15.470	15.465	15.477	VV	744	5117	0.18%	0.005%
391	15.511	15.477	15.536	VV	1029	28274	1.00%	0.030%
392	15.570	15.536	15.678	VV	42747	947923	33.49%	1.014%
393	15.707	15.678	15.744	VV	9894	175703	6.21%	0.188%
394	15.777	15.744	15.807	VV	8091	160948	5.69%	0.172%
395	15.811	15.807	15.816	VV	2737	13354	0.47%	0.014%
396	15.836	15.816	15.880	VV	3772	73276	2.59%	0.078%
397	15.892	15.880	15.896	PV	798	4767	0.17%	0.005%
398	15.925	15.896	15.941	VV	1843	27268	0.96%	0.029%
399	15.971	15.941	15.988	VV	2526	47638	1.68%	0.051%
400	16.012	15.988	16.016	VV	2155	26564	0.94%	0.028%
401	16.031	16.016	16.053	VV	2207	34942	1.23%	0.037%
402	16.104	16.053	16.126	VV	5633	121737	4.30%	0.130%
403	16.140	16.126	16.147	VV	2776	31700	1.12%	0.034%
404	16.163	16.147	16.171	VV	2360	30158	1.07%	0.032%
405	16.179	16.171	16.183	VV	1959	12374	0.44%	0.013%
406	16.209	16.183	16.240	VV	10098	182829	6.46%	0.196%
407	16.246	16.240	16.253	VV	2952	22132	0.78%	0.024%
408	16.272	16.253	16.293	VV	3570	60053	2.12%	0.064%
409	16.318	16.293	16.323	VV	1439	21330	0.75%	0.023%
410	16.334	16.323	16.340	VV	1755	13297	0.47%	0.014%
411	16.346	16.340	16.361	VV	1504	10795	0.38%	0.012%

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412	16.400	16.361	16.438	PV	4102	111494	3.94%	0.119%
413	16.454	16.438	16.460	VV	1518	17076	0.60%	0.018%
414	16.505	16.460	16.510	VV	4787	79947	2.82%	0.086%
415	16.512	16.510	16.535	VV	4490	43640	1.54%	0.047%
416	16.553	16.535	16.558	VV	3279	35595	1.26%	0.038%
417	16.562	16.558	16.574	VV	2908	26264	0.93%	0.028%
418	16.601	16.574	16.630	VV	6778	140363	4.96%	0.150%
419	16.634	16.630	16.636	VV	1876	6615	0.23%	0.007%
420	16.659	16.636	16.670	VV	3952	60216	2.13%	0.064%
421	16.694	16.670	16.730	VV	15005	241951	8.55%	0.259%
422	16.742	16.730	16.748	VV	3007	24119	0.85%	0.026%
423	16.765	16.748	16.770	VV	4359	44387	1.57%	0.047%
424	16.832	16.770	16.868	VV	7765	304057	10.74%	0.325%
425	16.905	16.868	16.912	VV	5170	110086	3.89%	0.118%
426	16.921	16.912	16.936	VV	5418	60966	2.15%	0.065%
427	16.958	16.936	16.964	VV	5255	70025	2.47%	0.075%
428	16.983	16.964	16.991	VV	5544	81664	2.89%	0.087%
429	16.995	16.991	17.008	VV	5139	45111	1.59%	0.048%
430	17.023	17.008	17.036	VV	5245	78884	2.79%	0.084%
431	17.055	17.036	17.063	VV	5057	77812	2.75%	0.083%
432	17.086	17.063	17.104	VV	5845	116407	4.11%	0.124%
433	17.162	17.104	17.198	VV	15618	520451	18.39%	0.557%
434	17.208	17.198	17.241	VV	9517	179654	6.35%	0.192%
435	17.257	17.241	17.273	VV	5029	85831	3.03%	0.092%
436	17.287	17.273	17.303	VV	6022	83775	2.96%	0.090%
437	17.337	17.303	17.353	VV	6326	154448	5.46%	0.165%
438	17.362	17.353	17.375	VV	6306	74088	2.62%	0.079%
439	17.401	17.375	17.426	VV	12296	255001	9.01%	0.273%
440	17.477	17.426	17.500	VV	10372	289840	10.24%	0.310%
441	17.503	17.500	17.516	VV	7460	62960	2.22%	0.067%
442	17.549	17.516	17.559	VV	9400	195803	6.92%	0.209%
443	17.576	17.559	17.595	VV	12938	219592	7.76%	0.235%
444	17.612	17.595	17.631	VV	14476	233501	8.25%	0.250%
445	17.652	17.631	17.663	VV	8144	140059	4.95%	0.150%
446	17.686	17.663	17.698	VV	8556	150465	5.32%	0.161%
447	17.723	17.698	17.761	VV	10893	301245	10.64%	0.322%
448	17.784	17.761	17.828	VV	9391	274534	9.70%	0.294%
449	17.833	17.828	17.839	VV	5083	31270	1.10%	0.033%
450	17.845	17.839	17.859	VV	5091	55630	1.97%	0.059%
451	17.883	17.859	17.888	VV	7463	108295	3.83%	0.116%
452	17.898	17.888	17.914	VV	7171	96276	3.40%	0.103%
453	17.958	17.914	17.970	VV	11233	273655	9.67%	0.293%
454	17.996	17.970	18.002	VV	10251	181282	6.40%	0.194%
455	18.049	18.002	18.079	VV	25857	654588	23.13%	0.700%
456	18.105	18.079	18.115	VV	9778	184082	6.50%	0.197%
457	18.120	18.115	18.124	VV	8595	45724	1.62%	0.049%
458	18.135	18.124	18.152	VV	10190	156326	5.52%	0.167%
459	18.193	18.152	18.216	VV	29188	672630	23.76%	0.719%

460	18.222	18.216	18.264	VV	rteres 15844	361988	12.79%	0.387%
461	18.284	18.264	18.297	VV	10777	179537	6.34%	0.192%
462	18.300	18.297	18.311	VV	8978	69408	2.45%	0.074%
463	18.332	18.311	18.346	VV	10023	183171	6.47%	0.196%
464	18.375	18.346	18.383	VV	14650	253725	8.96%	0.271%
465	18.419	18.383	18.456	VV	26876	821941	29.04%	0.879%
466	18.474	18.456	18.496	VV	21128	399803	14.12%	0.428%
467	18.527	18.496	18.541	VV	13842	327707	11.58%	0.350%
468	18.562	18.541	18.584	VV	30786	546485	19.31%	0.584%
469	18.594	18.584	18.614	VV	15615	243553	8.60%	0.260%
470	18.633	18.614	18.659	VV	13940	320677	11.33%	0.343%
471	18.680	18.659	18.701	VV	14200	296975	10.49%	0.318%
472	18.729	18.701	18.742	VV	14405	313685	11.08%	0.335%
473	18.761	18.742	18.783	VV	13806	312047	11.02%	0.334%
474	18.798	18.783	18.803	VV	11589	138658	4.90%	0.148%
475	18.806	18.803	18.818	VV	11294	96696	3.42%	0.103%
476	18.838	18.818	18.847	VV	14091	207926	7.35%	0.222%
477	18.884	18.847	18.918	VV	26867	805086	28.44%	0.861%
478	18.938	18.918	18.943	VV	13978	183221	6.47%	0.196%
479	18.947	18.943	18.953	VV	13290	80209	2.83%	0.086%
480	18.984	18.953	19.008	VV	31921	694521	24.54%	0.743%
481	19.034	19.008	19.065	VV	29809	759815	26.84%	0.813%
482	19.070	19.065	19.077	VV	17476	117150	4.14%	0.125%
483	19.082	19.077	19.100	VV	16576	215662	7.62%	0.231%
484	19.136	19.100	19.144	VV	19235	456775	16.14%	0.489%
485	19.161	19.144	19.169	VV	22076	303859	10.73%	0.325%
486	19.174	19.169	19.178	VV	20112	106778	3.77%	0.114%
487	19.182	19.178	19.189	VV	19625	122233	4.32%	0.131%
488	19.197	19.189	19.216	VV	18532	286386	10.12%	0.306%
489	19.279	19.216	19.299	VV	36018	1415681	50.01%	1.514%
490	19.313	19.299	19.354	VV	32886	867816	30.66%	0.928%
491	19.385	19.354	19.439	VV	29122	1276796	45.11%	1.366%
492	19.444	19.439	19.455	VV	24057	215362	7.61%	0.230%
493	19.459	19.455	19.464	VV	23529	128746	4.55%	0.138%
494	19.484	19.464	19.501	VV	28703	574140	20.28%	0.614%
495	19.507	19.501	19.511	VV	24467	138405	4.89%	0.148%
496	19.532	19.511	19.537	VV	24860	380073	13.43%	0.406%
497	19.550	19.537	19.556	VV	25510	293406	10.37%	0.314%
498	19.558	19.556	19.561	VV	25449	75447	2.67%	0.081%
499	19.579	19.561	19.586	VV	26505	383963	13.56%	0.411%
500	19.590	19.586	19.595	VV	25731	130154	4.60%	0.139%
501	19.604	19.595	19.617	VV	26215	336780	11.90%	0.360%
502	19.670	19.617	19.682	VV	39295	1191163	42.08%	1.274%
503	19.697	19.682	19.729	VV	36285	927778	32.78%	0.992%
504	19.751	19.729	19.756	VV	29454	475165	16.79%	0.508%
505	19.787	19.756	19.822	VV	39251	1329161	46.96%	1.422%
506	19.840	19.822	19.850	VV	33616	538359	19.02%	0.576%

					rteres			
507	19.861	19.850	19.868	VV	34239	363874	12.85%	0.389%
508	19.883	19.868	19.898	VV	33696	588915	20.81%	0.630%
509	19.905	19.898	19.911	VV	35483	268255	9.48%	0.287%
510	19.917	19.911	19.924	VV	35767	270871	9.57%	0.290%
511	19.939	19.924	19.957	VV	36460	704942	24.90%	0.754%
512	19.964	19.957	19.984	VV	36575	568543	20.09%	0.608%
513	19.989	19.984	19.995	VV	34584	213063	7.53%	0.228%
514	20.018	19.995	20.024	VV	44654	691782	24.44%	0.740%
515	20.047	20.024	20.072	VV	52475	1324884	46.81%	1.417%
516	20.091	20.072	20.117	VV	47432	1152703	40.72%	1.233%
517	20.124	20.117	20.141	VV	39356	544677	19.24%	0.583%
518	20.155	20.141	20.159	VV	40455	418237	14.78%	0.447%
519	20.173	20.159	20.179	VV	40170	473378	16.72%	0.506%
520	20.211	20.179	20.216	VV	46504	969348	34.24%	1.037%
521	20.223	20.216	20.233	VV	43982	431526	15.24%	0.462%
522	20.238	20.233	20.243	VV	40841	236617	8.36%	0.253%
523	20.256	20.243	20.262	VV	45403	483059	17.07%	0.517%
524	20.286	20.262	20.291	VV	49783	804553	28.42%	0.860%
525	20.315	20.291	20.340	VV	55186	1445073	51.05%	1.546%
526	20.343	20.340	20.347	VV	46922	200760	7.09%	0.215%
527	20.349	20.347	20.353	VV	46851	173766	6.14%	0.186%
528	20.358	20.353	20.363	VV	48150	267078	9.44%	0.286%
529	20.374	20.363	20.379	VV	47885	465603	16.45%	0.498%
530	20.414	20.379	20.453	VV	59569	2326397	82.19%	2.488%
531	20.479	20.453	20.494	VV	60122	1370385	48.41%	1.466%
532	20.500	20.494	20.515	VV	55344	666601	23.55%	0.713%
533	20.520	20.515	20.526	VV	53737	372828	13.17%	0.399%
534	20.574	20.526	20.608	VV	64938	2830640	100.00%	3.027%
535	20.621	20.608	20.647	VV	61368	1357073	47.94%	1.451%
536	20.667	20.647	20.678	VV	57800	1042733	36.84%	1.115%
537	20.685	20.678	20.693	VV	58198	517467	18.28%	0.553%
538	20.698	20.693	20.711	VV	57184	568014	20.07%	0.607%
539	20.717	20.711	20.725	VV	55191	455878	16.11%	0.488%
540	20.731	20.725	20.736	VV	54976	374930	13.25%	0.401%
541	20.767	20.736	20.796	VV	65835	2135498	75.44%	2.284%
542	20.817	20.796	20.846	VV	57172	1600486	56.54%	1.712%
543	20.881	20.846	20.896	VV	58312	1605631	56.72%	1.717%
544	20.902	20.896	20.915	VV	54847	620777	21.93%	0.664%
545	20.920	20.915	20.945	VV	54409	938568	33.16%	1.004%
546	20.956	20.945	20.982	VV	50737	1092311	38.59%	1.168%
547	21.009	20.982	21.040	VV	54687	1674794	59.17%	1.791%
548	21.063	21.040	21.082	VV	46928	1152411	40.71%	1.233%
549	21.115	21.082	21.126	VV	45477	1166079	41.19%	1.247%
550	21.156	21.126	21.204	VV	54845	2103493	74.31%	2.250%
551	21.211	21.204	21.224	VV	39515	466424	16.48%	0.499%
552	21.239	21.224	21.247	VV	40842	520246	18.38%	0.556%
553	21.257	21.247	21.263	VV	38619	365654	12.92%	0.391%
554	21.268	21.263	21.283	VV	37978	424891	15.01%	0.454%

555	21.293	21.283	21.299	VV	rteres 37697	352052	12.44%	0.377%
556	21.311	21.299	21.321	VV	37753	481911	17.02%	0.515%
557	21.326	21.321	21.333	VV	36234	245765	8.68%	0.263%
558	21.338	21.333	21.352	VV	36759	410459	14.50%	0.439%
559	21.364	21.352	21.379	VV	35107	558809	19.74%	0.598%
560	21.387	21.379	21.394	VV	33683	291108	10.28%	0.311%
561	21.400	21.394	21.411	VV	34174	323764	11.44%	0.346%
562	21.418	21.411	21.423	VV	33296	241339	8.53%	0.258%
563	21.429	21.423	21.440	VV	33022	313195	11.06%	0.335%
564	21.446	21.440	21.457	VV	31444	304387	10.75%	0.326%
565	21.463	21.457	21.477	VV	29497	349813	12.36%	0.374%
566	21.487	21.477	21.500	VV	28712	387664	13.70%	0.415%
567	21.513	21.500	21.518	VV	28602	291778	10.31%	0.312%
568	21.523	21.518	21.544	VV	29134	425237	15.02%	0.455%
569	21.574	21.544	21.612	VV	36255	1214835	42.92%	1.299%
570	21.617	21.612	21.628	VV	24644	217012	7.67%	0.232%
571	21.633	21.628	21.644	VV	24993	218670	7.73%	0.234%
572	21.652	21.644	21.666	VV	24161	301232	10.64%	0.322%
573	21.671	21.666	21.676	VV	21612	125876	4.45%	0.135%
574	21.685	21.676	21.691	VV	21922	187373	6.62%	0.200%
575	21.703	21.691	21.711	VV	22523	246224	8.70%	0.263%
576	21.718	21.711	21.722	VV	19903	126538	4.47%	0.135%
577	21.725	21.722	21.739	VV	19668	190216	6.72%	0.203%
578	21.752	21.739	21.767	VV	19549	302433	10.68%	0.323%
579	21.773	21.767	21.784	VV	17481	161909	5.72%	0.173%
580	21.791	21.784	21.807	VV	17673	226649	8.01%	0.242%
581	21.814	21.807	21.836	VV	16981	270158	9.54%	0.289%
582	21.841	21.836	21.852	VV	16053	144483	5.10%	0.155%
583	21.864	21.852	21.868	VV	13311	122330	4.32%	0.131%
584	21.873	21.868	21.881	VV	14033	104009	3.67%	0.111%
585	21.887	21.881	21.889	VV	12693	57730	2.04%	0.062%
586	21.894	21.889	21.908	VV	13687	132269	4.67%	0.141%
587	21.919	21.908	21.923	VV	12344	103476	3.66%	0.111%
588	21.929	21.923	21.954	VV	13145	199270	7.04%	0.213%
589	21.969	21.954	21.975	VV	8706	100433	3.55%	0.107%
590	21.985	21.975	21.992	VV	7911	74833	2.64%	0.080%
591	21.996	21.992	22.000	VV	8070	38839	1.37%	0.042%
592	22.017	22.000	22.023	VV	9496	116721	4.12%	0.125%
593	22.065	22.023	22.098	VV	16807	507580	17.93%	0.543%
594	22.102	22.098	22.140	VV	4920	80641	2.85%	0.086%
595	22.160	22.140	22.167	PV	2227	16361	0.58%	0.017%
596	22.182	22.167	22.201	PBA	2252	86401	3.05%	0.092%
Sum of corrected areas:						93501834		

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