

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110124\
Data File : FG014622.D
Signal(s) : FID1A.ch
Acq On : 01 Nov 2024 15:12
Sample : P4663-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102124.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.936	1.918	1.943	BV	38	-125	-0.00%	-0.000%
2	1.959	1.943	1.993	PV	174	2758	0.09%	0.003%
3	1.997	1.993	2.021	VV	112	686	0.02%	0.001%
4	2.024	2.021	2.029	PV	81	274	0.01%	0.000%
5	2.063	2.029	2.107	VV	387	8565	0.29%	0.009%
6	2.116	2.107	2.128	VV	183	1546	0.05%	0.002%
7	2.136	2.128	2.150	VV	160	1545	0.05%	0.002%
8	2.157	2.150	2.164	VV	95	633	0.02%	0.001%
9	2.175	2.164	2.180	VV	106	811	0.03%	0.001%
10	2.184	2.180	2.204	VV	133	1036	0.03%	0.001%
11	2.216	2.204	2.226	VV	146	1314	0.04%	0.001%
12	2.234	2.226	2.238	VV	102	669	0.02%	0.001%
13	2.243	2.238	2.249	VV	109	571	0.02%	0.001%
14	2.261	2.249	2.277	VV	137	1977	0.07%	0.002%
15	2.290	2.277	2.351	VV	1359	25035	0.84%	0.026%
16	2.363	2.351	2.419	VV	1537	23352	0.79%	0.024%
17	2.423	2.419	2.438	VV	219	1830	0.06%	0.002%
18	2.444	2.438	2.462	VV	228	2625	0.09%	0.003%
19	2.474	2.462	2.495	VV	200	2446	0.08%	0.003%
20	2.504	2.495	2.519	VV	149	1294	0.04%	0.001%
21	2.526	2.519	2.544	VV	117	1258	0.04%	0.001%
22	2.554	2.544	2.570	VV	142	1437	0.05%	0.001%
23	2.591	2.570	2.599	VV	151	1258	0.04%	0.001%
24	2.605	2.599	2.619	VV	108	979	0.03%	0.001%
25	2.623	2.619	2.652	VV	94	1317	0.04%	0.001%
26	2.662	2.652	2.669	PV	97	596	0.02%	0.001%
27	2.675	2.669	2.701	VV	98	1416	0.05%	0.001%
28	2.716	2.701	2.732	PV	167	1690	0.06%	0.002%
29	2.760	2.732	2.788	VV	234	5294	0.18%	0.005%
30	2.819	2.788	2.824	VV	144	2279	0.08%	0.002%
31	2.827	2.824	2.831	VV	135	421	0.01%	0.000%
32	2.837	2.831	2.842	VV	150	820	0.03%	0.001%
33	2.853	2.842	2.860	VV	212	1608	0.05%	0.002%
34	2.869	2.860	2.887	VV	169	2242	0.08%	0.002%
35	2.936	2.887	2.952	VV	416	10053	0.34%	0.010%
36	2.957	2.952	2.994	VV	391	7016	0.24%	0.007%

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37	3.008	2.994	3.040	VV	333	7175	0.24%	0.007%
38	3.043	3.040	3.047	VV	265	901	0.03%	0.001%
39	3.066	3.047	3.089	VV	469	7595	0.26%	0.008%
40	3.105	3.089	3.117	VV	344	4848	0.16%	0.005%
41	3.123	3.117	3.128	VV	291	1869	0.06%	0.002%
42	3.134	3.128	3.144	VV	320	2804	0.09%	0.003%
43	3.147	3.144	3.155	VV	338	1932	0.07%	0.002%
44	3.158	3.155	3.171	VV	304	2440	0.08%	0.003%
45	3.176	3.171	3.187	VV	292	2582	0.09%	0.003%
46	3.209	3.187	3.228	VV	503	8889	0.30%	0.009%
47	3.239	3.228	3.271	VV	416	8675	0.29%	0.009%
48	3.275	3.271	3.286	VV	330	2363	0.08%	0.002%
49	3.290	3.286	3.298	VV	273	1819	0.06%	0.002%
50	3.304	3.298	3.312	VV	298	2242	0.08%	0.002%
51	3.325	3.312	3.344	VV	352	5479	0.18%	0.006%
52	3.349	3.344	3.354	VV	273	1560	0.05%	0.002%
53	3.364	3.354	3.373	VV	318	3115	0.11%	0.003%
54	3.378	3.373	3.387	VV	278	2123	0.07%	0.002%
55	3.393	3.387	3.403	VV	301	2427	0.08%	0.003%
56	3.412	3.403	3.425	VV	278	3101	0.10%	0.003%
57	3.437	3.425	3.447	VV	240	2818	0.09%	0.003%
58	3.458	3.447	3.463	VV	278	2161	0.07%	0.002%
59	3.510	3.463	3.531	VV	332	11079	0.37%	0.011%
60	3.540	3.531	3.554	VV	330	3903	0.13%	0.004%
61	3.567	3.554	3.592	VV	343	6241	0.21%	0.006%
62	3.597	3.592	3.605	VV	264	1755	0.06%	0.002%
63	3.616	3.605	3.623	VV	264	2368	0.08%	0.002%
64	3.639	3.623	3.654	VV	331	4789	0.16%	0.005%
65	3.679	3.654	3.715	VV	1882	25888	0.87%	0.027%
66	3.733	3.715	3.746	VV	292	4447	0.15%	0.005%
67	3.789	3.746	3.830	VV	574	16599	0.56%	0.017%
68	3.834	3.830	3.839	VV	212	1005	0.03%	0.001%
69	3.854	3.839	3.860	VV	292	2844	0.10%	0.003%
70	3.863	3.860	3.877	VV	272	2031	0.07%	0.002%
71	3.907	3.877	3.922	VV	269	5571	0.19%	0.006%
72	3.926	3.922	3.931	VV	233	1088	0.04%	0.001%
73	3.943	3.931	3.957	VV	214	2816	0.09%	0.003%
74	3.964	3.957	3.968	VV	223	1184	0.04%	0.001%
75	3.974	3.968	3.983	VV	245	1663	0.06%	0.002%
76	3.993	3.983	3.998	VV	202	1621	0.05%	0.002%
77	4.016	3.998	4.024	VV	226	2969	0.10%	0.003%
78	4.040	4.024	4.066	VV	363	6725	0.23%	0.007%
79	4.076	4.066	4.083	VV	277	2168	0.07%	0.002%
80	4.107	4.083	4.138	VV	4647	48614	1.64%	0.050%
81	4.159	4.138	4.207	VV	1775	30547	1.03%	0.032%
82	4.227	4.207	4.260	VV	417	9847	0.33%	0.010%
83	4.264	4.260	4.272	VV	297	1799	0.06%	0.002%
84	4.286	4.272	4.294	VV	311	3610	0.12%	0.004%
85	4.307	4.294	4.312	VV	322	3316	0.11%	0.003%
86	4.318	4.312	4.331	VV	331	3294	0.11%	0.003%
87	4.348	4.331	4.367	VV	589	8760	0.30%	0.009%
88	4.372	4.367	4.379	VV	291	1981	0.07%	0.002%
89	4.419	4.379	4.458	VV	576	16104	0.54%	0.017%

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90	4.479	4.458	4.496	VV	263	4997	0.17%	0.005%
91	4.510	4.496	4.518	VV	241	2551	0.09%	0.003%
92	4.523	4.518	4.528	VV	231	1169	0.04%	0.001%
93	4.534	4.528	4.543	VV	223	1781	0.06%	0.002%
94	4.551	4.543	4.560	VV	237	2189	0.07%	0.002%
95	4.579	4.560	4.586	VV	786	8680	0.29%	0.009%
96	4.596	4.586	4.611	VV	887	10249	0.35%	0.011%
97	4.620	4.611	4.647	VV	607	8988	0.30%	0.009%
98	4.652	4.647	4.657	VV	290	1666	0.06%	0.002%
99	4.662	4.657	4.668	VV	292	1630	0.05%	0.002%
100	4.673	4.668	4.687	VV	262	2552	0.09%	0.003%
101	4.700	4.687	4.727	VV	279	5258	0.18%	0.005%
102	4.749	4.727	4.792	VV	1521	21517	0.73%	0.022%
103	4.809	4.792	4.819	VV	401	5062	0.17%	0.005%
104	4.825	4.819	4.850	VV	323	4353	0.15%	0.004%
105	4.864	4.850	4.870	VV	204	2055	0.07%	0.002%
106	4.877	4.870	4.884	VV	217	1693	0.06%	0.002%
107	4.894	4.884	4.911	VV	249	3592	0.12%	0.004%
108	4.919	4.911	4.925	VV	220	1664	0.06%	0.002%
109	4.929	4.925	4.933	VV	156	708	0.02%	0.001%
110	4.951	4.933	4.975	VV	396	6091	0.21%	0.006%
111	4.982	4.975	4.994	VV	196	1983	0.07%	0.002%
112	4.998	4.994	5.009	VV	189	1464	0.05%	0.002%
113	5.013	5.009	5.017	VV	178	671	0.02%	0.001%
114	5.025	5.017	5.042	VV	193	2326	0.08%	0.002%
115	5.059	5.042	5.072	VV	267	3635	0.12%	0.004%
116	5.077	5.072	5.090	VV	184	1537	0.05%	0.002%
117	5.095	5.090	5.102	VV	132	858	0.03%	0.001%
118	5.107	5.102	5.124	VV	157	1364	0.05%	0.001%
119	5.135	5.124	5.155	VV	141	1434	0.05%	0.001%
120	5.166	5.155	5.182	VV	129	1471	0.05%	0.002%
121	5.188	5.182	5.207	VV	148	1648	0.06%	0.002%
122	5.238	5.207	5.257	VV	533	10073	0.34%	0.010%
123	5.272	5.257	5.287	VV	553	7645	0.26%	0.008%
124	5.294	5.287	5.315	VV	418	5949	0.20%	0.006%
125	5.322	5.315	5.333	VV	381	3518	0.12%	0.004%
126	5.336	5.333	5.358	VV	308	3747	0.13%	0.004%
127	5.369	5.358	5.384	VV	216	2912	0.10%	0.003%
128	5.398	5.384	5.422	VV	566	7806	0.26%	0.008%
129	5.426	5.422	5.430	VV	224	970	0.03%	0.001%
130	5.435	5.430	5.447	VV	238	1908	0.06%	0.002%
131	5.453	5.447	5.458	VV	221	1129	0.04%	0.001%
132	5.470	5.458	5.492	VV	217	3351	0.11%	0.003%
133	5.521	5.492	5.548	VV	1737	20528	0.69%	0.021%
134	5.556	5.548	5.577	VV	235	2657	0.09%	0.003%
135	5.592	5.577	5.622	VV	214	2978	0.10%	0.003%
136	5.625	5.622	5.635	PV	45	199	0.01%	0.000%
137	5.674	5.635	5.688	VV	295	6671	0.22%	0.007%
138	5.717	5.688	5.725	VV	396	6548	0.22%	0.007%
139	5.752	5.725	5.767	VV	7717	78884	2.66%	0.082%
140	5.776	5.767	5.803	VV	3682	38045	1.28%	0.039%
141	5.822	5.803	5.883	VV	1685	25775	0.87%	0.027%

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142	5.904	5.883	5.926	VV	269	4371	0.15%	0.005%
143	5.962	5.926	6.007	VV	1367	21418	0.72%	0.022%
144	6.043	6.007	6.063	VV	425	7345	0.25%	0.008%
145	6.090	6.063	6.117	VV	1727	21123	0.71%	0.022%
146	6.139	6.117	6.163	VV	2551	36351	1.23%	0.038%
147	6.189	6.163	6.216	VV	1305	38350	1.29%	0.040%
148	6.225	6.216	6.238	VV	1130	14279	0.48%	0.015%
149	6.245	6.238	6.269	VV	1138	20007	0.67%	0.021%
150	6.285	6.269	6.351	VV	2710	53470	1.80%	0.055%
151	6.368	6.351	6.417	VV	1673	27676	0.93%	0.029%
152	6.440	6.417	6.449	VV	412	5647	0.19%	0.006%
153	6.467	6.449	6.481	VV	612	8135	0.27%	0.008%
154	6.493	6.481	6.500	VV	387	3887	0.13%	0.004%
155	6.518	6.500	6.563	VV	1720	25083	0.85%	0.026%
156	6.587	6.563	6.625	VV	1392	21835	0.74%	0.023%
157	6.639	6.625	6.660	VV	295	4371	0.15%	0.005%
158	6.664	6.660	6.668	VV	168	732	0.02%	0.001%
159	6.673	6.668	6.699	VV	168	2043	0.07%	0.002%
160	6.728	6.699	6.743	VV	1290	16208	0.55%	0.017%
161	6.762	6.743	6.792	VV	610	12292	0.41%	0.013%
162	6.800	6.792	6.804	VV	183	1151	0.04%	0.001%
163	6.825	6.804	6.866	VV	4362	46214	1.56%	0.048%
164	6.880	6.866	6.893	VV	341	3831	0.13%	0.004%
165	6.900	6.893	6.933	VV	238	3729	0.13%	0.004%
166	6.956	6.933	6.970	VV	273	2586	0.09%	0.003%
167	6.977	6.970	6.993	VV	125	890	0.03%	0.001%
168	7.031	6.993	7.048	PV	333	5832	0.20%	0.006%
169	7.069	7.048	7.078	VV	175	2016	0.07%	0.002%
170	7.085	7.078	7.113	VV	198	2423	0.08%	0.003%
171	7.127	7.113	7.146	VV	213	2548	0.09%	0.003%
172	7.156	7.146	7.170	VV	166	1466	0.05%	0.002%
173	7.200	7.170	7.205	PV	199	2266	0.08%	0.002%
174	7.226	7.205	7.272	VV	1035	19117	0.64%	0.020%
175	7.278	7.272	7.302	VV	351	4795	0.16%	0.005%
176	7.326	7.302	7.354	VV	299	5515	0.19%	0.006%
177	7.383	7.354	7.402	VV	581	8202	0.28%	0.008%
178	7.424	7.402	7.450	VV	1027	13558	0.46%	0.014%
179	7.472	7.450	7.489	VV	397	5820	0.20%	0.006%
180	7.493	7.489	7.503	VV	134	748	0.03%	0.001%
181	7.522	7.503	7.546	VV	483	5461	0.18%	0.006%
182	7.564	7.546	7.591	VV	409	5556	0.19%	0.006%
183	7.598	7.591	7.629	VV	162	1927	0.06%	0.002%
184	7.648	7.629	7.661	VV	227	2663	0.09%	0.003%
185	7.697	7.661	7.730	VV	533	10397	0.35%	0.011%
186	7.736	7.730	7.744	VV	192	1066	0.04%	0.001%
187	7.763	7.744	7.799	VV	353	6525	0.22%	0.007%
188	7.817	7.799	7.850	VV	359	7206	0.24%	0.007%
189	7.862	7.850	7.867	VV	263	2152	0.07%	0.002%
190	7.872	7.867	7.882	VV	252	2034	0.07%	0.002%
191	7.888	7.882	7.901	VV	211	1797	0.06%	0.002%
192	7.916	7.901	7.940	VV	256	2475	0.08%	0.003%
193	7.952	7.940	7.961	PV	68	624	0.02%	0.001%
194	7.987	7.961	8.020	VV	843	11461	0.39%	0.012%

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195	8.042	8.020	8.062	VV	325	4917	0.17%	0.005%
196	8.070	8.062	8.079	VV	159	1204	0.04%	0.001%
197	8.083	8.079	8.094	VV	101	696	0.02%	0.001%
198	8.124	8.094	8.143	VV	896	15594	0.53%	0.016%
199	8.157	8.143	8.173	VV	1012	11962	0.40%	0.012%
200	8.182	8.173	8.204	VV	360	4363	0.15%	0.005%
201	8.229	8.204	8.254	VV	841	9583	0.32%	0.010%
202	8.275	8.254	8.290	VV	314	4517	0.15%	0.005%
203	8.316	8.290	8.321	VV	414	5863	0.20%	0.006%
204	8.324	8.321	8.344	VV	385	3669	0.12%	0.004%
205	8.351	8.344	8.362	VV	145	1201	0.04%	0.001%
206	8.399	8.362	8.433	VV	681	13047	0.44%	0.013%
207	8.469	8.433	8.487	PV	760	11213	0.38%	0.012%
208	8.498	8.487	8.518	VV	517	7303	0.25%	0.008%
209	8.527	8.518	8.538	VV	422	3998	0.13%	0.004%
210	8.580	8.538	8.621	VV	3159	48053	1.62%	0.050%
211	8.626	8.621	8.629	VV	185	732	0.02%	0.001%
212	8.646	8.629	8.654	VV	237	2913	0.10%	0.003%
213	8.687	8.654	8.716	VV	1647	24169	0.81%	0.025%
214	8.742	8.716	8.765	VV	1245	19561	0.66%	0.020%
215	8.768	8.765	8.784	VV	415	3082	0.10%	0.003%
216	8.807	8.784	8.824	VV	732	10943	0.37%	0.011%
217	8.830	8.824	8.834	VV	281	1447	0.05%	0.001%
218	8.848	8.834	8.853	VV	343	3287	0.11%	0.003%
219	8.877	8.853	8.899	VV	733	11791	0.40%	0.012%
220	8.913	8.899	8.927	VV	275	3609	0.12%	0.004%
221	8.944	8.927	8.962	VV	760	10301	0.35%	0.011%
222	8.982	8.962	9.002	VV	901	14997	0.51%	0.016%
223	9.045	9.002	9.064	VV	1754	38488	1.30%	0.040%
224	9.077	9.064	9.093	VV	886	12253	0.41%	0.013%
225	9.121	9.093	9.149	VV	1997	37998	1.28%	0.039%
226	9.154	9.149	9.159	VV	341	1928	0.07%	0.002%
227	9.179	9.159	9.196	VV	817	12498	0.42%	0.013%
228	9.205	9.196	9.221	VV	594	7146	0.24%	0.007%
229	9.235	9.221	9.249	VV	556	7568	0.26%	0.008%
230	9.267	9.249	9.289	VV	508	9075	0.31%	0.009%
231	9.324	9.289	9.341	VV	830	15967	0.54%	0.017%
232	9.352	9.341	9.368	VV	520	6013	0.20%	0.006%
233	9.409	9.368	9.435	VV	5901	71247	2.40%	0.074%
234	9.454	9.435	9.467	VV	481	7883	0.27%	0.008%
235	9.497	9.467	9.523	VV	624	11648	0.39%	0.012%
236	9.550	9.523	9.579	VV	460	7127	0.24%	0.007%
237	9.589	9.579	9.594	VV	192	1086	0.04%	0.001%
238	9.613	9.594	9.621	VV	462	5244	0.18%	0.005%
239	9.641	9.621	9.670	VV	748	12165	0.41%	0.013%
240	9.693	9.670	9.706	VV	657	8283	0.28%	0.009%
241	9.730	9.706	9.759	VV	4371	55789	1.88%	0.058%
242	9.788	9.759	9.795	VV	1750	27307	0.92%	0.028%
243	9.800	9.795	9.819	VV	1835	18475	0.62%	0.019%
244	9.829	9.819	9.840	VV	680	7793	0.26%	0.008%
245	9.861	9.840	9.868	VV	1090	14619	0.49%	0.015%
246	9.874	9.868	9.902	VV	1128	14426	0.49%	0.015%

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247	9.919	9.902	9.941	VV	973	14424	0.49%	0.015%
248	9.980	9.941	9.999	VV	808	19752	0.67%	0.020%
249	10.057	9.999	10.114	VV	90263	979622	33.03%	1.013%
250	10.126	10.114	10.144	VV	1188	18346	0.62%	0.019%
251	10.157	10.144	10.172	VV	1059	15185	0.51%	0.016%
252	10.192	10.172	10.245	VV	4096	60082	2.03%	0.062%
253	10.270	10.245	10.280	VV	577	9561	0.32%	0.010%
254	10.294	10.280	10.342	VV	843	13059	0.44%	0.014%
255	10.365	10.342	10.407	PV	961	15950	0.54%	0.016%
256	10.434	10.407	10.447	VV	348	5198	0.18%	0.005%
257	10.467	10.447	10.476	VV	480	5504	0.19%	0.006%
258	10.520	10.476	10.559	VV	2491	52327	1.76%	0.054%
259	10.583	10.559	10.602	VV	1669	25435	0.86%	0.026%
260	10.633	10.602	10.650	VV	1008	22220	0.75%	0.023%
261	10.667	10.650	10.693	VV	936	18126	0.61%	0.019%
262	10.729	10.693	10.762	VV	925	20502	0.69%	0.021%
263	10.776	10.762	10.806	VV	604	11060	0.37%	0.011%
264	10.834	10.806	10.856	VV	1054	19517	0.66%	0.020%
265	10.886	10.856	10.899	VV	672	12461	0.42%	0.013%
266	10.933	10.899	10.966	VV	2353	43214	1.46%	0.045%
267	11.006	10.966	11.034	VV	2069	46658	1.57%	0.048%
268	11.049	11.034	11.112	VV	764	19153	0.65%	0.020%
269	11.129	11.112	11.136	PV	387	3598	0.12%	0.004%
270	11.143	11.136	11.152	VV	425	3651	0.12%	0.004%
271	11.182	11.152	11.194	VV	5290	63709	2.15%	0.066%
272	11.204	11.194	11.234	VV	3898	46429	1.57%	0.048%
273	11.257	11.234	11.283	VV	2599	33216	1.12%	0.034%
274	11.315	11.283	11.338	VV	630	15595	0.53%	0.016%
275	11.354	11.338	11.382	VV	506	8517	0.29%	0.009%
276	11.393	11.382	11.398	VV	239	1794	0.06%	0.002%
277	11.420	11.398	11.426	VV	518	6561	0.22%	0.007%
278	11.444	11.426	11.454	VV	537	7333	0.25%	0.008%
279	11.470	11.454	11.484	VV	1019	12798	0.43%	0.013%
280	11.492	11.484	11.514	VV	730	8064	0.27%	0.008%
281	11.539	11.514	11.555	VV	499	7579	0.26%	0.008%
282	11.582	11.555	11.595	VV	820	14998	0.51%	0.016%
283	11.601	11.595	11.603	VV	760	3542	0.12%	0.004%
284	11.610	11.603	11.620	VV	865	7548	0.25%	0.008%
285	11.639	11.620	11.688	VV	2060	41753	1.41%	0.043%
286	11.727	11.688	11.765	VV	2365	59327	2.00%	0.061%
287	11.794	11.765	11.815	VV	696	12121	0.41%	0.013%
288	11.834	11.815	11.852	PV	915	10132	0.34%	0.010%
289	11.892	11.852	11.919	VV	3640	52848	1.78%	0.055%
290	11.944	11.919	11.968	VV	789	16898	0.57%	0.017%
291	11.987	11.968	12.003	VV	1382	16551	0.56%	0.017%
292	12.020	12.003	12.037	VV	2014	25364	0.86%	0.026%
293	12.055	12.037	12.085	VV	2982	50632	1.71%	0.052%
294	12.102	12.085	12.120	VV	2100	33303	1.12%	0.034%
295	12.136	12.120	12.150	VV	1713	23965	0.81%	0.025%
296	12.166	12.150	12.209	VV	2163	33270	1.12%	0.034%
297	12.223	12.209	12.226	VV	319	2631	0.09%	0.003%
298	12.258	12.226	12.272	VV	644	12497	0.42%	0.013%
299	12.307	12.272	12.364	VV	2221	65528	2.21%	0.068%

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300	12.399	12.364	12.433	VV	4386	79317	2.67%	0.082%
301	12.464	12.433	12.485	VV	1395	21992	0.74%	0.023%
302	12.568	12.485	12.622	PV	212086	2966278	100.00%	3.066%
303	12.639	12.622	12.657	VV	2693	46257	1.56%	0.048%
304	12.668	12.657	12.684	VV	1913	25104	0.85%	0.026%
305	12.689	12.684	12.695	VV	1301	7856	0.26%	0.008%
306	12.717	12.695	12.722	VV	1282	19244	0.65%	0.020%
307	12.729	12.722	12.733	VV	1280	8526	0.29%	0.009%
308	12.753	12.733	12.768	VV	2097	31871	1.07%	0.033%
309	12.777	12.768	12.790	VV	1204	13835	0.47%	0.014%
310	12.803	12.790	12.822	VV	1152	16582	0.56%	0.017%
311	12.838	12.822	12.856	VV	1128	17446	0.59%	0.018%
312	12.889	12.856	12.909	VV	2646	49751	1.68%	0.051%
313	12.923	12.909	12.929	VV	1360	14035	0.47%	0.015%
314	12.951	12.929	12.976	VV	3171	50366	1.70%	0.052%
315	13.006	12.976	13.052	VV	16722	262666	8.86%	0.272%
316	13.062	13.052	13.082	VV	762	10160	0.34%	0.011%
317	13.104	13.082	13.120	VV	425	6356	0.21%	0.007%
318	13.144	13.120	13.154	VV	544	5649	0.19%	0.006%
319	13.187	13.154	13.240	VV	4165	78810	2.66%	0.081%
320	13.248	13.240	13.267	VV	572	5486	0.18%	0.006%
321	13.274	13.267	13.278	VV	280	1608	0.05%	0.002%
322	13.304	13.278	13.327	VV	12027	137184	4.62%	0.142%
323	13.358	13.327	13.380	VV	1873	37761	1.27%	0.039%
324	13.397	13.380	13.426	VV	1442	20822	0.70%	0.022%
325	13.452	13.426	13.463	VV	842	11676	0.39%	0.012%
326	13.469	13.463	13.493	VV	600	8877	0.30%	0.009%
327	13.505	13.493	13.522	VV	590	7402	0.25%	0.008%
328	13.573	13.522	13.604	PV	9591	157006	5.29%	0.162%
329	13.627	13.604	13.684	VV	7362	154690	5.21%	0.160%
330	13.703	13.684	13.721	VV	1525	23401	0.79%	0.024%
331	13.732	13.721	13.749	VV	1098	13108	0.44%	0.014%
332	13.793	13.749	13.859	VV	106803	1359289	45.82%	1.405%
333	13.892	13.859	13.927	VV	3507	79132	2.67%	0.082%
334	13.942	13.927	13.949	VV	1048	11089	0.37%	0.011%
335	13.969	13.949	13.982	VV	942	15739	0.53%	0.016%
336	14.002	13.982	14.023	VV	2108	33752	1.14%	0.035%
337	14.041	14.023	14.061	VV	1983	28965	0.98%	0.030%
338	14.102	14.061	14.122	VV	1989	47218	1.59%	0.049%
339	14.150	14.122	14.185	VV	3981	84908	2.86%	0.088%
340	14.207	14.185	14.236	VV	7413	98141	3.31%	0.101%
341	14.244	14.236	14.249	VV	421	2744	0.09%	0.003%
342	14.278	14.249	14.318	VV	1092	25793	0.87%	0.027%
343	14.352	14.318	14.358	PV	1545	19238	0.65%	0.020%
344	14.381	14.358	14.412	VV	1610	39831	1.34%	0.041%
345	14.426	14.412	14.435	VV	789	9706	0.33%	0.010%
346	14.451	14.435	14.461	VV	965	11921	0.40%	0.012%
347	14.474	14.461	14.494	VV	1083	13549	0.46%	0.014%
348	14.516	14.494	14.522	VV	1018	11246	0.38%	0.012%
349	14.543	14.522	14.581	VV	3327	71563	2.41%	0.074%
350	14.587	14.581	14.596	VV	1227	10246	0.35%	0.011%
351	14.623	14.596	14.652	VV	2121	49690	1.68%	0.051%

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352	14.659	14.652	14.665	VV	1215	8231	0.28%	0.009%
353	14.671	14.665	14.681	VV	1234	9632	0.32%	0.010%
354	14.714	14.681	14.753	VV	6305	113341	3.82%	0.117%
355	14.773	14.753	14.792	VV	3136	47713	1.61%	0.049%
356	14.817	14.792	14.855	VV	3813	96230	3.24%	0.099%
357	14.872	14.855	14.897	VV	3114	41045	1.38%	0.042%
358	14.931	14.897	14.959	VV	5035	81914	2.76%	0.085%
359	14.968	14.959	14.984	VV	931	9663	0.33%	0.010%
360	14.994	14.984	15.012	VV	798	8559	0.29%	0.009%
361	15.053	15.012	15.089	VV	116060	1591735	53.66%	1.646%
362	15.109	15.089	15.122	PV	775	9950	0.34%	0.010%
363	15.139	15.122	15.159	VV	740	8449	0.28%	0.009%
364	15.182	15.159	15.202	PV	8097	89901	3.03%	0.093%
365	15.223	15.202	15.241	VV	9331	111119	3.75%	0.115%
366	15.256	15.241	15.293	VV	4777	58781	1.98%	0.061%
367	15.309	15.293	15.322	PV	635	7301	0.25%	0.008%
368	15.343	15.322	15.370	VV	1754	27013	0.91%	0.028%
369	15.395	15.370	15.415	VV	994	15057	0.51%	0.016%
370	15.427	15.415	15.436	VV	431	3679	0.12%	0.004%
371	15.500	15.436	15.517	VV	1372	37125	1.25%	0.038%
372	15.543	15.517	15.575	VV	1376	34661	1.17%	0.036%
373	15.635	15.575	15.719	VV	56705	1027443	34.64%	1.062%
374	15.729	15.719	15.752	VV	1946	31750	1.07%	0.033%
375	15.776	15.752	15.796	VV	8037	125957	4.25%	0.130%
376	15.818	15.796	15.837	VV	5510	107490	3.62%	0.111%
377	15.854	15.837	15.882	VV	6382	109680	3.70%	0.113%
378	15.902	15.882	15.933	VV	2533	60034	2.02%	0.062%
379	15.947	15.933	15.962	VV	1644	22349	0.75%	0.023%
380	15.987	15.962	16.009	VV	5472	98808	3.33%	0.102%
381	16.014	16.009	16.023	VV	3033	24295	0.82%	0.025%
382	16.028	16.023	16.056	VV	2549	32482	1.10%	0.034%
383	16.072	16.056	16.078	VV	1527	15068	0.51%	0.016%
384	16.098	16.078	16.130	VV	2101	43623	1.47%	0.045%
385	16.159	16.130	16.172	VV	2422	41038	1.38%	0.042%
386	16.186	16.172	16.213	VV	1945	33136	1.12%	0.034%
387	16.219	16.213	16.234	VV	659	5891	0.20%	0.006%
388	16.245	16.234	16.252	VV	604	5342	0.18%	0.006%
389	16.277	16.252	16.305	VV	6018	89624	3.02%	0.093%
390	16.317	16.305	16.335	VV	1177	18192	0.61%	0.019%
391	16.340	16.335	16.367	VV	1174	10678	0.36%	0.011%
392	16.388	16.367	16.402	VV	722	7155	0.24%	0.007%
393	16.495	16.402	16.507	PV	2728	93599	3.16%	0.097%
394	16.511	16.507	16.517	VV	1947	10853	0.37%	0.011%
395	16.527	16.517	16.540	VV	2036	23716	0.80%	0.025%
396	16.580	16.540	16.606	VV	5906	142104	4.79%	0.147%
397	16.610	16.606	16.614	VV	3246	15313	0.52%	0.016%
398	16.651	16.614	16.698	VV	15100	373886	12.60%	0.387%
399	16.742	16.698	16.754	VV	13658	238087	8.03%	0.246%
400	16.763	16.754	16.790	VV	12162	176194	5.94%	0.182%
401	16.795	16.790	16.801	VV	2855	18041	0.61%	0.019%
402	16.808	16.801	16.814	VV	2780	20212	0.68%	0.021%
403	16.847	16.814	16.857	VV	4818	96801	3.26%	0.100%
404	16.876	16.857	16.904	VV	4515	109874	3.70%	0.114%

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405	16.928	16.904	16.952	VV	4780	101001	3.40%	0.104%
406	16.981	16.952	17.004	VV	4884	115000	3.88%	0.119%
407	17.026	17.004	17.030	VV	4474	55401	1.87%	0.057%
408	17.062	17.030	17.093	VV	10456	238522	8.04%	0.247%
409	17.121	17.093	17.157	VV	11275	239767	8.08%	0.248%
410	17.165	17.157	17.171	VV	3790	29574	1.00%	0.031%
411	17.176	17.171	17.180	VV	3525	17591	0.59%	0.018%
412	17.226	17.180	17.246	VV	11183	274304	9.25%	0.284%
413	17.278	17.246	17.296	VV	11724	278533	9.39%	0.288%
414	17.307	17.296	17.327	VV	9208	147424	4.97%	0.152%
415	17.333	17.327	17.350	VV	6144	78257	2.64%	0.081%
416	17.361	17.350	17.366	VV	5938	50678	1.71%	0.052%
417	17.380	17.366	17.390	VV	6273	85853	2.89%	0.089%
418	17.414	17.390	17.422	VV	6742	111933	3.77%	0.116%
419	17.438	17.422	17.447	VV	7313	100395	3.38%	0.104%
420	17.475	17.447	17.510	VV	9612	296449	9.99%	0.306%
421	17.524	17.510	17.537	VV	6989	108950	3.67%	0.113%
422	17.557	17.537	17.562	VV	8678	112885	3.81%	0.117%
423	17.566	17.562	17.573	VV	7793	50084	1.69%	0.052%
424	17.597	17.573	17.637	VV	19317	504310	17.00%	0.521%
425	17.678	17.637	17.700	VV	15730	428451	14.44%	0.443%
426	17.714	17.700	17.723	VV	8502	110541	3.73%	0.114%
427	17.727	17.723	17.744	VV	7757	87882	2.96%	0.091%
428	17.759	17.744	17.763	VV	7531	82408	2.78%	0.085%
429	17.799	17.763	17.826	VV	10439	325263	10.97%	0.336%
430	17.837	17.826	17.845	VV	8929	89093	3.00%	0.092%
431	17.853	17.845	17.870	VV	9649	127695	4.30%	0.132%
432	17.885	17.870	17.900	VV	8370	134980	4.55%	0.140%
433	17.914	17.900	17.920	VV	7813	87833	2.96%	0.091%
434	17.926	17.920	17.941	VV	7483	92765	3.13%	0.096%
435	17.959	17.941	17.964	VV	8391	104789	3.53%	0.108%
436	17.968	17.964	17.978	VV	8118	67248	2.27%	0.070%
437	17.984	17.978	17.991	VV	8205	58965	1.99%	0.061%
438	18.030	17.991	18.036	VV	11305	248130	8.37%	0.257%
439	18.042	18.036	18.049	VV	11490	90230	3.04%	0.093%
440	18.067	18.049	18.074	VV	12771	170156	5.74%	0.176%
441	18.089	18.074	18.098	VV	14415	202696	6.83%	0.210%
442	18.119	18.098	18.143	VV	18749	402718	13.58%	0.416%
443	18.157	18.143	18.162	VV	11788	129690	4.37%	0.134%
444	18.175	18.162	18.180	VV	12825	132369	4.46%	0.137%
445	18.209	18.180	18.224	VV	17050	365504	12.32%	0.378%
446	18.266	18.224	18.290	VV	19539	594834	20.05%	0.615%
447	18.299	18.290	18.313	VV	16018	204977	6.91%	0.212%
448	18.334	18.313	18.339	VV	14332	211609	7.13%	0.219%
449	18.343	18.339	18.360	VV	14255	171934	5.80%	0.178%
450	18.372	18.360	18.385	VV	13541	195090	6.58%	0.202%
451	18.406	18.385	18.413	VV	15009	226976	7.65%	0.235%
452	18.416	18.413	18.423	VV	14606	91812	3.10%	0.095%
453	18.438	18.423	18.447	VV	16961	222680	7.51%	0.230%
454	18.479	18.447	18.519	VV	54121	1400163	47.20%	1.447%
455	18.539	18.519	18.569	VV	28366	657045	22.15%	0.679%
456	18.583	18.569	18.593	VV	17472	232939	7.85%	0.241%

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457	18.597	18.593	18.601	VV	16642	81328	2.74%	0.084%
458	18.639	18.601	18.663	VV	26205	791992	26.70%	0.819%
459	18.672	18.663	18.705	VV	19834	471086	15.88%	0.487%
460	18.713	18.705	18.722	VV	17587	166111	5.60%	0.172%
461	18.748	18.722	18.772	VV	22382	583479	19.67%	0.603%
462	18.778	18.772	18.791	VV	17644	201773	6.80%	0.209%
463	18.814	18.791	18.821	VV	18489	313421	10.57%	0.324%
464	18.844	18.821	18.852	VV	20531	347263	11.71%	0.359%
465	18.862	18.852	18.869	VV	22557	211191	7.12%	0.218%
466	18.878	18.869	18.903	VV	22024	424607	14.31%	0.439%
467	18.911	18.903	18.917	VV	21473	179218	6.04%	0.185%
468	18.941	18.917	18.969	VV	34356	864001	29.13%	0.893%
469	18.976	18.969	18.985	VV	23328	211857	7.14%	0.219%
470	18.998	18.985	19.005	VV	23180	248743	8.39%	0.257%
471	19.016	19.005	19.022	VV	22028	223236	7.53%	0.231%
472	19.061	19.022	19.077	VV	31080	895611	30.19%	0.926%
473	19.107	19.077	19.134	VV	29094	905833	30.54%	0.936%
474	19.142	19.134	19.148	VV	24969	212709	7.17%	0.220%
475	19.162	19.148	19.168	VV	27412	309253	10.43%	0.320%
476	19.178	19.168	19.196	VV	27698	438370	14.78%	0.453%
477	19.213	19.196	19.227	VV	25983	461719	15.57%	0.477%
478	19.232	19.227	19.239	VV	25912	176882	5.96%	0.183%
479	19.248	19.239	19.256	VV	26111	247679	8.35%	0.256%
480	19.264	19.256	19.274	VV	25027	263537	8.88%	0.272%
481	19.308	19.274	19.336	VV	56960	1501355	50.61%	1.552%
482	19.350	19.336	19.355	VV	38268	407626	13.74%	0.421%
483	19.361	19.355	19.375	VV	39751	440162	14.84%	0.455%
484	19.381	19.375	19.392	VV	32499	308082	10.39%	0.318%
485	19.398	19.392	19.410	VV	33252	340110	11.47%	0.352%
486	19.418	19.410	19.424	VV	32438	261821	8.83%	0.271%
487	19.432	19.424	19.439	VV	33118	282407	9.52%	0.292%
488	19.452	19.439	19.460	VV	34572	418256	14.10%	0.432%
489	19.471	19.460	19.480	VV	38037	426154	14.37%	0.441%
490	19.488	19.480	19.528	VV	36435	939743	31.68%	0.971%
491	19.540	19.528	19.547	VV	32809	362938	12.24%	0.375%
492	19.552	19.547	19.560	VV	31745	236174	7.96%	0.244%
493	19.568	19.560	19.574	VV	30080	229322	7.73%	0.237%
494	19.589	19.574	19.594	VV	31645	367586	12.39%	0.380%
495	19.599	19.594	19.604	VV	31894	182493	6.15%	0.189%
496	19.620	19.604	19.631	VV	34143	529437	17.85%	0.547%
497	19.642	19.631	19.651	VV	33442	375789	12.67%	0.388%
498	19.655	19.651	19.663	VV	32085	216230	7.29%	0.224%
499	19.669	19.663	19.674	VV	31958	215697	7.27%	0.223%
500	19.684	19.674	19.690	VV	34640	310193	10.46%	0.321%
501	19.731	19.690	19.739	VV	36614	989578	33.36%	1.023%
502	19.744	19.739	19.751	VV	35854	241826	8.15%	0.250%
503	19.773	19.751	19.779	VV	38974	614430	20.71%	0.635%
504	19.790	19.779	19.804	VV	37183	535740	18.06%	0.554%
505	19.808	19.804	19.832	VV	35759	558058	18.81%	0.577%
506	19.846	19.832	19.854	VV	39594	472393	15.93%	0.488%
507	19.875	19.854	19.879	VV	37359	531372	17.91%	0.549%
508	19.896	19.879	19.921	VV	38351	919370	30.99%	0.950%
509	19.956	19.921	19.965	VV	40008	985363	33.22%	1.019%

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510	19.970	19.965	19.980	VV	41122	349235	11.77%	0.361%
511	19.993	19.980	20.000	VV	41641	500065	16.86%	0.517%
512	20.010	20.000	20.014	VV	44221	354459	11.95%	0.366%
513	20.027	20.014	20.034	VV	47426	535607	18.06%	0.554%
514	20.050	20.034	20.060	VV	45019	683903	23.06%	0.707%
515	20.082	20.060	20.129	VV	59254	2000259	67.43%	2.068%
516	20.134	20.129	20.139	VV	40720	252146	8.50%	0.261%
517	20.149	20.139	20.154	VV	42373	361338	12.18%	0.374%
518	20.161	20.154	20.173	VV	44125	474512	16.00%	0.491%
519	20.185	20.173	20.194	VV	42536	509167	17.17%	0.526%
520	20.206	20.194	20.218	VV	42988	606906	20.46%	0.627%
521	20.226	20.218	20.232	VV	43844	346195	11.67%	0.358%
522	20.258	20.232	20.263	VV	48267	849404	28.64%	0.878%
523	20.270	20.263	20.300	VV	50373	1035856	34.92%	1.071%
524	20.307	20.300	20.317	VV	44317	443123	14.94%	0.458%
525	20.323	20.317	20.328	VV	43861	278446	9.39%	0.288%
526	20.338	20.328	20.350	VV	46165	571205	19.26%	0.591%
527	20.361	20.350	20.365	VV	44877	408866	13.78%	0.423%
528	20.379	20.365	20.383	VV	47866	493431	16.63%	0.510%
529	20.391	20.383	20.414	VV	51179	907561	30.60%	0.938%
530	20.424	20.414	20.429	VV	50224	415804	14.02%	0.430%
531	20.439	20.429	20.448	VV	51817	571253	19.26%	0.591%
532	20.461	20.448	20.468	VV	54838	611184	20.60%	0.632%
533	20.474	20.468	20.478	VV	51832	289057	9.74%	0.299%
534	20.495	20.478	20.499	VV	53874	659286	22.23%	0.682%
535	20.507	20.499	20.512	VV	54801	421850	14.22%	0.436%
536	20.516	20.512	20.537	VV	53673	731371	24.66%	0.756%
537	20.544	20.537	20.555	VV	47631	505846	17.05%	0.523%
538	20.561	20.555	20.568	VV	45915	329450	11.11%	0.341%
539	20.576	20.568	20.582	VV	45555	374454	12.62%	0.387%
540	20.601	20.582	20.614	VV	51852	917269	30.92%	0.948%
541	20.634	20.614	20.653	VV	55903	1192873	40.21%	1.233%
542	20.661	20.653	20.665	VV	49963	340292	11.47%	0.352%
543	20.689	20.665	20.693	VV	57503	928614	31.31%	0.960%
544	20.711	20.693	20.732	VV	64127	1405919	47.40%	1.453%
545	20.749	20.732	20.759	VV	63036	997596	33.63%	1.031%
546	20.763	20.759	20.826	VV	61860	2079928	70.12%	2.150%
547	20.832	20.826	20.839	VV	42459	306370	10.33%	0.317%
548	20.882	20.839	20.887	VV	46569	1168118	39.38%	1.208%
549	20.893	20.887	20.914	VV	46884	699064	23.57%	0.723%
550	20.928	20.914	20.935	VV	43066	531039	17.90%	0.549%
551	20.944	20.935	20.949	VV	43599	358469	12.08%	0.371%
552	20.961	20.949	20.965	VV	46118	412464	13.91%	0.426%
553	20.989	20.965	21.002	VV	49776	1052638	35.49%	1.088%
554	21.010	21.002	21.015	VV	45122	327067	11.03%	0.338%
555	21.025	21.015	21.037	VV	46393	607461	20.48%	0.628%
556	21.045	21.037	21.070	VV	46808	864851	29.16%	0.894%
557	21.078	21.070	21.092	VV	41104	495032	16.69%	0.512%
558	21.097	21.092	21.107	VV	37707	335270	11.30%	0.347%
559	21.114	21.107	21.131	VV	37283	507265	17.10%	0.524%
560	21.138	21.131	21.145	VV	35507	296052	9.98%	0.306%
561	21.156	21.145	21.161	VV	36436	320604	10.81%	0.331%

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562	21.167	21.161	21.180	VV	35289	374744	12.63%	0.387%
563	21.199	21.180	21.204	VV	38049	494430	16.67%	0.511%
564	21.211	21.204	21.221	VV	39110	403334	13.60%	0.417%
565	21.227	21.221	21.260	VV	38647	824959	27.81%	0.853%
566	21.265	21.260	21.282	VV	33125	433408	14.61%	0.448%
567	21.298	21.282	21.309	VV	36850	563234	18.99%	0.582%
568	21.313	21.309	21.325	VV	33841	296283	9.99%	0.306%
569	21.328	21.325	21.346	VV	31374	385195	12.99%	0.398%
570	21.350	21.346	21.367	VV	28976	353183	11.91%	0.365%
571	21.377	21.367	21.386	VV	29228	301643	10.17%	0.312%
572	21.397	21.386	21.428	VV	27271	641121	21.61%	0.663%
573	21.436	21.428	21.441	VV	26200	195274	6.58%	0.202%
574	21.448	21.441	21.465	VV	28851	393868	13.28%	0.407%
575	21.469	21.465	21.485	VV	27424	301806	10.17%	0.312%
576	21.504	21.485	21.517	VV	28109	502718	16.95%	0.520%
577	21.522	21.517	21.534	VV	27514	255124	8.60%	0.264%
578	21.541	21.534	21.545	VV	25382	172554	5.82%	0.178%
579	21.557	21.545	21.562	VV	28866	266584	8.99%	0.276%
580	21.579	21.562	21.585	VV	31248	387105	13.05%	0.400%
581	21.591	21.585	21.594	VV	31620	179675	6.06%	0.186%
582	21.604	21.594	21.609	VV	32867	280185	9.45%	0.290%
583	21.618	21.609	21.723	VV	33063	1679177	56.61%	1.736%
584	21.730	21.723	21.741	VV	13867	126674	4.27%	0.131%
585	21.748	21.741	21.758	VV	11269	104538	3.52%	0.108%
586	21.763	21.758	21.767	VV	10646	54817	1.85%	0.057%
587	21.774	21.767	21.781	VV	11929	96375	3.25%	0.100%
588	21.821	21.781	21.825	VV	18115	363712	12.26%	0.376%
589	21.847	21.825	21.878	VV	22701	623226	21.01%	0.644%
590	21.883	21.878	21.920	VV	16198	353161	11.91%	0.365%
591	21.926	21.920	21.932	VV	11141	71109	2.40%	0.074%
592	21.943	21.932	21.946	VV	12903	101025	3.41%	0.104%
593	21.956	21.946	21.960	VV	16498	120153	4.05%	0.124%
594	21.981	21.960	21.991	VV	23832	375336	12.65%	0.388%
595	22.004	21.991	22.038	VV	22593	530591	17.89%	0.549%
596	22.042	22.038	22.078	VV	14947	307525	10.37%	0.318%
597	22.087	22.078	22.098	VV	10051	108576	3.66%	0.112%
598	22.114	22.098	22.135	VV	9359	151135	5.10%	0.156%
599	22.140	22.135	22.151	VV	4325	28961	0.98%	0.030%
600	22.155	22.151	22.159	VV	2239	8722	0.29%	0.009%
601	22.168	22.159	22.172	VV	4030	23024	0.78%	0.024%
602	22.180	22.172	22.196	VV	4186	35420	1.19%	0.037%
603	22.226	22.196	22.234	VV	4648	67547	2.28%	0.070%
604	22.247	22.234	22.253	VV	3893	39855	1.34%	0.041%
605	22.261	22.253	22.290	VV	4875	51664	1.74%	0.053%

Sum of corrected areas: 96731939

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