

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111521\
 Data File : FG009069.D
 Signal(s) : FID1A.ch
 Acq On : 15 Nov 2021 14:02
 Sample : M4661-06 100X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG110121.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.006	1.998	2.026	BV	1689	23580	0.61%	0.016%
2	2.030	2.026	2.036	VV	1632	9428	0.25%	0.006%
3	2.044	2.036	2.047	VV	1579	10019	0.26%	0.007%
4	2.055	2.047	2.070	VV	1653	21882	0.57%	0.015%
5	2.088	2.070	2.138	VV	1611	61618	1.61%	0.042%
6	2.142	2.138	2.148	VV	1466	8308	0.22%	0.006%
7	2.154	2.148	2.178	VV	1423	25636	0.67%	0.017%
8	2.195	2.178	2.225	VV	1593	39893	1.04%	0.027%
9	2.241	2.225	2.271	VV	1479	38084	0.99%	0.026%
10	2.277	2.271	2.300	VV	1431	23351	0.61%	0.016%
11	2.303	2.300	2.307	VV	1363	5737	0.15%	0.004%
12	2.320	2.307	2.332	VV	1366	18595	0.48%	0.013%
13	2.336	2.332	2.356	VV	1350	18574	0.48%	0.013%
14	2.359	2.356	2.393	VV	1310	28139	0.73%	0.019%
15	2.416	2.393	2.431	VV	1437	29431	0.77%	0.020%
16	2.439	2.431	2.475	VV	1303	32412	0.85%	0.022%
17	2.491	2.475	2.513	VV	1252	26565	0.69%	0.018%
18	2.516	2.513	2.520	VV	1194	4329	0.11%	0.003%
19	2.525	2.520	2.536	VV	1183	10977	0.29%	0.007%
20	2.539	2.536	2.558	VV	1198	15760	0.41%	0.011%
21	2.570	2.558	2.582	VV	1402	17390	0.45%	0.012%
22	2.587	2.582	2.593	VV	1186	7929	0.21%	0.005%
23	2.606	2.593	2.633	VV	1266	27880	0.73%	0.019%
24	2.637	2.633	2.653	VV	1132	12651	0.33%	0.009%
25	2.656	2.653	2.668	VV	1043	10023	0.26%	0.007%
26	2.671	2.668	2.688	VV	1069	11894	0.31%	0.008%
27	2.704	2.688	2.754	VV	1200	42402	1.11%	0.029%
28	2.757	2.754	2.772	VV	1019	10661	0.28%	0.007%
29	2.793	2.772	2.801	VV	1074	17227	0.45%	0.012%
30	2.805	2.801	2.820	VV	1116	11509	0.30%	0.008%
31	2.830	2.820	2.838	VV	1035	10765	0.28%	0.007%
32	2.843	2.838	2.855	VV	1013	9314	0.24%	0.006%
33	2.867	2.855	2.880	VV	1072	14960	0.39%	0.010%
34	2.886	2.880	2.901	VV	998	12481	0.33%	0.008%
35	2.906	2.901	2.915	VV	1067	8125	0.21%	0.006%
36	2.919	2.915	2.932	VV	1073	9699	0.25%	0.007%

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37	2.936	2.932	2.953	VV	1017	11992	0.31%	0.008%
38	2.954	2.953	2.964	VV	986	6564	0.17%	0.004%
39	2.968	2.964	2.980	VV	1000	8964	0.23%	0.006%
40	2.990	2.980	3.005	VV	1086	15111	0.39%	0.010%
41	3.015	3.005	3.042	VV	939	19951	0.52%	0.014%
42	3.046	3.042	3.058	VV	941	8683	0.23%	0.006%
43	3.061	3.058	3.085	VV	960	14312	0.37%	0.010%
44	3.097	3.085	3.108	VV	945	12257	0.32%	0.008%
45	3.114	3.108	3.119	VV	891	5732	0.15%	0.004%
46	3.124	3.119	3.129	VV	896	5060	0.13%	0.003%
47	3.134	3.129	3.142	VV	873	6625	0.17%	0.004%
48	3.149	3.142	3.179	VV	909	19034	0.50%	0.013%
49	3.182	3.179	3.206	VV	900	13494	0.35%	0.009%
50	3.213	3.206	3.232	VV	899	12892	0.34%	0.009%
51	3.243	3.232	3.261	VV	862	13854	0.36%	0.009%
52	3.269	3.261	3.341	VV	819	35953	0.94%	0.024%
53	3.357	3.341	3.370	VV	842	13495	0.35%	0.009%
54	3.375	3.370	3.399	VV	750	12049	0.31%	0.008%
55	3.404	3.399	3.434	VV	719	13974	0.36%	0.009%
56	3.442	3.434	3.450	VV	718	6616	0.17%	0.004%
57	3.458	3.450	3.485	VV	747	14047	0.37%	0.010%
58	3.499	3.485	3.517	VV	732	13039	0.34%	0.009%
59	3.533	3.517	3.560	VV	710	17310	0.45%	0.012%
60	3.569	3.560	3.576	VV	679	6098	0.16%	0.004%
61	3.587	3.576	3.600	VV	731	9453	0.25%	0.006%
62	3.606	3.600	3.617	VV	632	6245	0.16%	0.004%
63	3.621	3.617	3.640	VV	640	8289	0.22%	0.006%
64	3.644	3.640	3.654	VV	726	5131	0.13%	0.003%
65	3.659	3.654	3.663	VV	635	3075	0.08%	0.002%
66	3.668	3.663	3.682	VV	689	6949	0.18%	0.005%
67	3.689	3.682	3.724	VV	646	14928	0.39%	0.010%
68	3.741	3.724	3.754	VV	669	10687	0.28%	0.007%
69	3.762	3.754	3.769	VV	606	5249	0.14%	0.004%
70	3.772	3.769	3.788	VV	606	6719	0.18%	0.005%
71	3.794	3.788	3.799	VV	640	3653	0.10%	0.002%
72	3.802	3.799	3.812	VV	590	4832	0.13%	0.003%
73	3.820	3.812	3.861	VV	648	17012	0.44%	0.012%
74	3.867	3.861	3.872	VV	602	3473	0.09%	0.002%
75	3.877	3.872	3.884	VV	560	3940	0.10%	0.003%
76	3.887	3.884	3.891	VV	552	2217	0.06%	0.002%
77	3.895	3.891	3.902	VV	531	3258	0.08%	0.002%
78	3.918	3.902	3.934	VV	577	9850	0.26%	0.007%
79	3.939	3.934	3.954	VV	509	5624	0.15%	0.004%
80	3.958	3.954	3.977	VV	501	6524	0.17%	0.004%
81	3.979	3.977	3.984	VV	502	1813	0.05%	0.001%
82	3.991	3.984	3.997	VV	518	3785	0.10%	0.003%
83	3.999	3.997	4.007	VV	515	2623	0.07%	0.002%
84	4.011	4.007	4.017	VV	528	2943	0.08%	0.002%
85	4.029	4.017	4.034	VV	506	4724	0.12%	0.003%
86	4.049	4.034	4.069	VV	565	9699	0.25%	0.007%
87	4.087	4.069	4.119	VV	546	13606	0.35%	0.009%
88	4.124	4.119	4.155	VV	502	8839	0.23%	0.006%
89	4.166	4.155	4.171	VV	426	3787	0.10%	0.003%

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90	4.195	4.171	4.227	VV	2681	34485	0.90%	0.023%
91	4.235	4.227	4.253	VV	483	6001	0.16%	0.004%
92	4.259	4.253	4.280	VV	443	5938	0.15%	0.004%
93	4.296	4.280	4.323	VV	467	9914	0.26%	0.007%
94	4.339	4.323	4.353	VV	447	7023	0.18%	0.005%
95	4.358	4.353	4.383	VV	485	7194	0.19%	0.005%
96	4.388	4.383	4.410	VV	420	5888	0.15%	0.004%
97	4.420	4.410	4.442	VV	395	6317	0.16%	0.004%
98	4.453	4.442	4.460	VV	354	3759	0.10%	0.003%
99	4.462	4.460	4.465	VV	393	1052	0.03%	0.001%
100	4.470	4.465	4.482	VV	385	3559	0.09%	0.002%
101	4.486	4.482	4.530	VV	388	8515	0.22%	0.006%
102	4.547	4.530	4.562	VV	376	6141	0.16%	0.004%
103	4.567	4.562	4.574	VV	417	2264	0.06%	0.002%
104	4.599	4.574	4.608	VV	431	7304	0.19%	0.005%
105	4.616	4.608	4.622	VV	399	2875	0.07%	0.002%
106	4.626	4.622	4.634	VV	344	2155	0.06%	0.001%
107	4.642	4.634	4.677	VV	342	7095	0.19%	0.005%
108	4.686	4.677	4.692	VV	306	2336	0.06%	0.002%
109	4.702	4.692	4.710	VV	331	2986	0.08%	0.002%
110	4.736	4.710	4.764	VV	290	7087	0.18%	0.005%
111	4.779	4.764	4.794	VV	298	4305	0.11%	0.003%
112	4.800	4.794	4.825	VV	283	3500	0.09%	0.002%
113	4.831	4.825	4.857	VV	194	2610	0.07%	0.002%
114	4.868	4.857	4.892	VV	341	4101	0.11%	0.003%
115	4.897	4.892	4.900	VV	156	688	0.02%	0.000%
116	4.913	4.900	4.935	VV	331	4102	0.11%	0.003%
117	4.942	4.935	4.957	VV	137	1233	0.03%	0.001%
118	4.981	4.957	4.992	VV	276	3307	0.09%	0.002%
119	4.993	4.992	5.010	VV	232	1234	0.03%	0.001%
120	5.014	5.010	5.039	VV	176	2428	0.06%	0.002%
121	5.047	5.039	5.062	VV	157	1511	0.04%	0.001%
122	5.070	5.062	5.080	VV	150	1110	0.03%	0.001%
123	5.086	5.080	5.125	VB	127	1717	0.04%	0.001%
124	5.146	5.127	5.151	BV	123	924	0.02%	0.001%
125	5.172	5.151	5.176	VV	200	1817	0.05%	0.001%
126	5.179	5.176	5.183	VV	152	538	0.01%	0.000%
127	5.189	5.183	5.220	VV	233	3150	0.08%	0.002%
128	5.246	5.220	5.278	VV	4417	45516	1.19%	0.031%
129	5.284	5.278	5.307	VV	323	4380	0.11%	0.003%
130	5.316	5.307	5.327	VV	296	3015	0.08%	0.002%
131	5.334	5.327	5.371	VV	593	8811	0.23%	0.006%
132	5.398	5.371	5.412	VV	373	6419	0.17%	0.004%
133	5.427	5.412	5.440	VV	261	3335	0.09%	0.002%
134	5.444	5.440	5.464	VV	251	2181	0.06%	0.001%
135	5.477	5.464	5.502	VV	453	6109	0.16%	0.004%
136	5.504	5.502	5.510	VV	288	800	0.02%	0.001%
137	5.524	5.510	5.534	VV	300	2782	0.07%	0.002%
138	5.550	5.534	5.587	VV	394	6237	0.16%	0.004%
139	5.613	5.587	5.651	VV	228	6729	0.18%	0.005%
140	5.659	5.651	5.664	VV	211	1284	0.03%	0.001%
141	5.667	5.664	5.709	VV	182	3135	0.08%	0.002%

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142	5.724	5.709	5.743	VV	264	3265	0.09%	0.002%
143	5.761	5.743	5.829	VV	475	8789	0.23%	0.006%
144	5.834	5.829	5.844	PV	96	599	0.02%	0.000%
145	5.851	5.844	5.860	VV	141	1058	0.03%	0.001%
146	5.872	5.860	5.898	VV	307	3935	0.10%	0.003%
147	5.909	5.898	5.960	VV	213	3174	0.08%	0.002%
148	5.994	5.960	5.998	VV	206	2408	0.06%	0.002%
149	6.006	5.998	6.042	VV	312	4690	0.12%	0.003%
150	6.046	6.042	6.049	VV	87	196	0.01%	0.000%
151	6.073	6.049	6.105	PV	3088	31186	0.81%	0.021%
152	6.113	6.105	6.118	VV	165	794	0.02%	0.001%
153	6.128	6.118	6.166	VV	223	3859	0.10%	0.003%
154	6.190	6.166	6.209	VV	782	10011	0.26%	0.007%
155	6.226	6.209	6.268	VV	831	10769	0.28%	0.007%
156	6.275	6.268	6.280	VV	91	482	0.01%	0.000%
157	6.289	6.280	6.292	VV	118	502	0.01%	0.000%
158	6.300	6.292	6.327	VV	165	2314	0.06%	0.002%
159	6.358	6.327	6.385	VV	357	7155	0.19%	0.005%
160	6.389	6.385	6.417	VV	179	2005	0.05%	0.001%
161	6.460	6.417	6.484	VV	298	6102	0.16%	0.004%
162	6.491	6.484	6.514	VV	243	2889	0.08%	0.002%
163	6.527	6.514	6.560	VV	201	3547	0.09%	0.002%
164	6.581	6.560	6.602	VV	1712	17513	0.46%	0.012%
165	6.614	6.602	6.629	VV	177	1674	0.04%	0.001%
166	6.656	6.629	6.672	VV	159	2610	0.07%	0.002%
167	6.682	6.672	6.713	VV	282	4347	0.11%	0.003%
168	6.717	6.713	6.749	VV	174	2287	0.06%	0.002%
169	6.761	6.749	6.787	VV	209	2439	0.06%	0.002%
170	6.811	6.787	6.822	VV	99	1085	0.03%	0.001%
171	6.850	6.822	6.856	VV	199	2062	0.05%	0.001%
172	6.867	6.856	6.872	VV	232	1762	0.05%	0.001%
173	6.877	6.872	6.904	VV	206	2756	0.07%	0.002%
174	6.910	6.904	6.924	VV	132	1281	0.03%	0.001%
175	6.932	6.924	6.938	PV	151	665	0.02%	0.000%
176	6.940	6.938	6.945	VV	80	302	0.01%	0.000%
177	6.966	6.945	6.978	VV	1775	18396	0.48%	0.012%
178	6.984	6.978	7.015	VV	1045	11790	0.31%	0.008%
179	7.024	7.015	7.034	VV	159	1561	0.04%	0.001%
180	7.061	7.034	7.094	VV	645	10702	0.28%	0.007%
181	7.100	7.094	7.112	VV	299	1636	0.04%	0.001%
182	7.125	7.112	7.143	VV	213	2569	0.07%	0.002%
183	7.158	7.143	7.175	VV	193	1434	0.04%	0.001%
184	7.205	7.175	7.229	PV	388	5668	0.15%	0.004%
185	7.232	7.229	7.237	PV	58	288	0.01%	0.000%
186	7.292	7.237	7.316	VV	1534	23503	0.61%	0.016%
187	7.330	7.316	7.345	VV	470	4743	0.12%	0.003%
188	7.356	7.345	7.370	VV	476	5043	0.13%	0.003%
189	7.399	7.370	7.435	VV	886	20642	0.54%	0.014%
190	7.461	7.435	7.484	VV	2727	35690	0.93%	0.024%
191	7.495	7.484	7.512	VV	690	8575	0.22%	0.006%
192	7.521	7.512	7.548	VV	566	8759	0.23%	0.006%
193	7.562	7.548	7.567	VV	353	3567	0.09%	0.002%
194	7.578	7.567	7.602	VV	443	5670	0.15%	0.004%

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195	7.618	7.602	7.657	VV	697	11692	0.30%	0.008%
196	7.662	7.657	7.666	VV	187	659	0.02%	0.000%
197	7.692	7.666	7.703	VV	597	8176	0.21%	0.006%
198	7.718	7.703	7.730	VV	573	7163	0.19%	0.005%
199	7.749	7.730	7.764	VV	783	12061	0.31%	0.008%
200	7.768	7.764	7.799	VV	625	8829	0.23%	0.006%
201	7.835	7.799	7.859	VV	2511	40725	1.06%	0.028%
202	7.879	7.859	7.894	VV	1217	16493	0.43%	0.011%
203	7.910	7.894	7.928	VV	904	13751	0.36%	0.009%
204	7.961	7.928	7.983	VV	1025	19195	0.50%	0.013%
205	8.048	7.983	8.065	VV	1018	37895	0.99%	0.026%
206	8.084	8.065	8.105	VV	1195	21378	0.56%	0.014%
207	8.111	8.105	8.120	VV	844	7192	0.19%	0.005%
208	8.135	8.120	8.145	VV	1069	12897	0.34%	0.009%
209	8.157	8.145	8.185	VV	1143	22031	0.57%	0.015%
210	8.212	8.185	8.230	VV	1433	29618	0.77%	0.020%
211	8.244	8.230	8.253	VV	1127	13988	0.36%	0.009%
212	8.274	8.253	8.288	VV	2992	41902	1.09%	0.028%
213	8.300	8.288	8.332	VV	2133	41461	1.08%	0.028%
214	8.352	8.332	8.372	VV	7360	88702	2.31%	0.060%
215	8.398	8.372	8.425	VV	1944	37496	0.98%	0.025%
216	8.462	8.425	8.481	VV	1748	35509	0.93%	0.024%
217	8.490	8.481	8.537	VV	823	19258	0.50%	0.013%
218	8.555	8.537	8.560	VV	607	6672	0.17%	0.005%
219	8.585	8.560	8.602	VV	4689	58663	1.53%	0.040%
220	8.617	8.602	8.652	VV	3960	55344	1.44%	0.037%
221	8.684	8.652	8.704	VV	1851	32456	0.85%	0.022%
222	8.726	8.704	8.740	VV	675	8571	0.22%	0.006%
223	8.751	8.740	8.762	VV	368	3589	0.09%	0.002%
224	8.767	8.762	8.780	VV	191	1675	0.04%	0.001%
225	8.787	8.780	8.795	VV	298	1448	0.04%	0.001%
226	8.818	8.795	8.840	VV	4650	48557	1.27%	0.033%
227	8.858	8.840	8.869	VV	543	5368	0.14%	0.004%
228	8.887	8.869	8.907	VV	1568	17552	0.46%	0.012%
229	8.929	8.907	8.934	VV	601	7194	0.19%	0.005%
230	8.955	8.934	8.973	VV	2976	34209	0.89%	0.023%
231	8.992	8.973	9.020	VV	1178	18397	0.48%	0.012%
232	9.023	9.020	9.037	VV	311	1827	0.05%	0.001%
233	9.060	9.037	9.084	VV	4336	55552	1.45%	0.038%
234	9.109	9.084	9.121	VV	2256	36334	0.95%	0.025%
235	9.130	9.121	9.148	VV	2042	23781	0.62%	0.016%
236	9.164	9.148	9.179	VV	2002	20915	0.55%	0.014%
237	9.199	9.179	9.221	VV	6357	68649	1.79%	0.046%
238	9.244	9.221	9.259	VV	1323	14886	0.39%	0.010%
239	9.277	9.259	9.287	VV	1223	13921	0.36%	0.009%
240	9.292	9.287	9.319	VV	1087	11999	0.31%	0.008%
241	9.343	9.319	9.368	PV	7031	78231	2.04%	0.053%
242	9.404	9.368	9.420	VV	5793	69033	1.80%	0.047%
243	9.437	9.420	9.478	VV	6459	91034	2.37%	0.062%
244	9.497	9.478	9.529	VV	1023	20542	0.54%	0.014%
245	9.553	9.529	9.603	VV	9966	137738	3.59%	0.093%
246	9.649	9.603	9.666	PV	12813	191687	5.00%	0.130%

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247	9.682	9.666	9.693	VV	5677	75178	1.96%	0.051%
248	9.699	9.693	9.718	VV	4977	63956	1.67%	0.043%
249	9.725	9.718	9.758	VV	3411	54505	1.42%	0.037%
250	9.805	9.758	9.836	VV	9979	228249	5.95%	0.155%
251	9.842	9.836	9.851	VV	2922	24031	0.63%	0.016%
252	9.874	9.851	9.889	VV	23962	282686	7.37%	0.191%
253	9.906	9.889	9.928	VV	22373	288210	7.52%	0.195%
254	9.947	9.928	9.964	VV	4574	64704	1.69%	0.044%
255	9.995	9.964	10.010	VV	6589	102579	2.68%	0.069%
256	10.028	10.010	10.055	VV	10719	166071	4.33%	0.112%
257	10.102	10.055	10.143	VV	46662	1046007	27.28%	0.708%
258	10.177	10.143	10.192	VV	22280	363392	9.48%	0.246%
259	10.216	10.192	10.235	VV	32612	621166	16.20%	0.421%
260	10.250	10.235	10.260	VV	30772	366247	9.55%	0.248%
261	10.270	10.260	10.305	VV	31336	497149	12.97%	0.337%
262	10.310	10.305	10.325	VV	8174	88555	2.31%	0.060%
263	10.359	10.325	10.383	VV	89581	1223911	31.92%	0.829%
264	10.394	10.383	10.422	VV	15415	256968	6.70%	0.174%
265	10.440	10.422	10.460	VV	11876	179988	4.69%	0.122%
266	10.485	10.460	10.505	VV	22741	323572	8.44%	0.219%
267	10.551	10.505	10.565	VV	90506	1512182	39.44%	1.024%
268	10.577	10.565	10.599	VV	74464	882482	23.02%	0.598%
269	10.611	10.599	10.627	VV	12612	164020	4.28%	0.111%
270	10.656	10.627	10.689	VV	36391	653442	17.04%	0.442%
271	10.702	10.689	10.712	VV	11290	136830	3.57%	0.093%
272	10.729	10.712	10.752	VV	22955	327083	8.53%	0.221%
273	10.774	10.752	10.783	VV	20657	273808	7.14%	0.185%
274	10.796	10.783	10.820	VV	25205	408522	10.65%	0.277%
275	10.841	10.820	10.858	VV	15979	285941	7.46%	0.194%
276	10.882	10.858	10.919	VV	24374	580265	15.13%	0.393%
277	10.944	10.919	10.966	VV	30797	567912	14.81%	0.385%
278	10.983	10.966	11.010	VV	20824	381010	9.94%	0.258%
279	11.043	11.010	11.058	VV	23467	455558	11.88%	0.308%
280	11.067	11.058	11.085	VV	20017	263484	6.87%	0.178%
281	11.103	11.085	11.119	VV	22502	333595	8.70%	0.226%
282	11.136	11.119	11.156	VV	35917	481062	12.55%	0.326%
283	11.182	11.156	11.198	VV	30607	538548	14.05%	0.365%
284	11.220	11.198	11.235	VV	39140	702047	18.31%	0.475%
285	11.250	11.235	11.276	VV	47326	733358	19.13%	0.497%
286	11.308	11.276	11.342	VV	65755	1587246	41.40%	1.075%
287	11.352	11.342	11.372	VV	26994	404140	10.54%	0.274%
288	11.403	11.372	11.443	VV	70215	1337277	34.88%	0.905%
289	11.484	11.443	11.500	VV	53544	1094965	28.56%	0.741%
290	11.515	11.500	11.527	VV	51545	757267	19.75%	0.513%
291	11.543	11.527	11.560	VV	61626	1010187	26.35%	0.684%
292	11.575	11.560	11.584	VV	47681	614325	16.02%	0.416%
293	11.595	11.584	11.618	VV	53199	889550	23.20%	0.602%
294	11.638	11.618	11.669	VV	71316	1278979	33.36%	0.866%
295	11.693	11.669	11.712	VV	42243	892633	23.28%	0.604%
296	11.735	11.712	11.754	VV	70492	1314474	34.28%	0.890%
297	11.784	11.754	11.819	VV	83990	2720823	70.96%	1.842%
298	11.827	11.819	11.850	VV	63263	925531	24.14%	0.627%
299	11.889	11.850	11.932	VV	145621	3834119	100.00%	2.596%

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300	11.960	11.932	11.976	VV	91510	1707499	44.53%	1.156%
301	11.985	11.976	11.995	VV	71989	771750	20.13%	0.523%
302	12.016	11.995	12.048	VV	117112	2420035	63.12%	1.639%
303	12.059	12.048	12.067	VV	49287	556319	14.51%	0.377%
304	12.087	12.067	12.105	VV	83339	1456673	37.99%	0.986%
305	12.137	12.105	12.169	VV	92729	2583192	67.37%	1.749%
306	12.182	12.169	12.211	VV	47496	1032781	26.94%	0.699%
307	12.247	12.211	12.318	VV	58367	2485438	64.82%	1.683%
308	12.348	12.318	12.363	VV	34380	723078	18.86%	0.490%
309	12.397	12.363	12.416	VV	47456	1121920	29.26%	0.760%
310	12.428	12.416	12.446	VV	31522	509231	13.28%	0.345%
311	12.455	12.446	12.467	VV	25912	317030	8.27%	0.215%
312	12.480	12.467	12.502	VV	27527	497907	12.99%	0.337%
313	12.532	12.502	12.552	VV	25242	657260	17.14%	0.445%
314	12.557	12.552	12.567	VV	19786	174195	4.54%	0.118%
315	12.585	12.567	12.609	VV	37888	670373	17.48%	0.454%
316	12.629	12.609	12.649	VV	28438	563457	14.70%	0.382%
317	12.682	12.649	12.704	VV	29799	795607	20.75%	0.539%
318	12.738	12.704	12.758	VV	29979	829226	21.63%	0.561%
319	12.782	12.758	12.798	VV	26577	585326	15.27%	0.396%
320	12.817	12.798	12.833	VV	26516	468650	12.22%	0.317%
321	12.856	12.833	12.942	VV	32752	1417931	36.98%	0.960%
322	12.982	12.942	12.997	VV	28083	711929	18.57%	0.482%
323	13.002	12.997	13.005	VV	22714	111041	2.90%	0.075%
324	13.032	13.005	13.042	VV	26655	523093	13.64%	0.354%
325	13.052	13.042	13.078	VV	24272	444780	11.60%	0.301%
326	13.106	13.078	13.124	VV	27546	584235	15.24%	0.396%
327	13.146	13.124	13.168	VV	21885	519955	13.56%	0.352%
328	13.185	13.168	13.192	VV	20550	269693	7.03%	0.183%
329	13.206	13.192	13.237	VV	20847	523507	13.65%	0.354%
330	13.257	13.237	13.267	VV	17542	298494	7.79%	0.202%
331	13.271	13.267	13.282	VV	15679	140933	3.68%	0.095%
332	13.301	13.282	13.315	VV	17167	317155	8.27%	0.215%
333	13.321	13.315	13.339	VV	14249	192558	5.02%	0.130%
334	13.377	13.339	13.407	VV	21650	688208	17.95%	0.466%
335	13.431	13.407	13.455	VV	18991	479028	12.49%	0.324%
336	13.464	13.455	13.469	VV	15979	125651	3.28%	0.085%
337	13.479	13.469	13.494	VV	16256	234078	6.11%	0.158%
338	13.522	13.494	13.546	VV	19491	514009	13.41%	0.348%
339	13.562	13.546	13.597	VV	14159	392051	10.23%	0.265%
340	13.622	13.597	13.665	VV	20434	574539	14.98%	0.389%
341	13.684	13.665	13.697	VV	13340	220320	5.75%	0.149%
342	13.704	13.697	13.725	VV	13453	202127	5.27%	0.137%
343	13.745	13.725	13.775	VV	16162	369082	9.63%	0.250%
344	13.798	13.775	13.825	VV	11089	275561	7.19%	0.187%
345	13.849	13.825	13.854	VV	9514	151245	3.94%	0.102%
346	13.859	13.854	13.864	VV	9381	58375	1.52%	0.040%
347	13.878	13.864	13.895	VV	9518	154443	4.03%	0.105%
348	13.904	13.895	13.929	VV	7945	145836	3.80%	0.099%
349	13.931	13.929	13.939	VV	6823	39400	1.03%	0.027%
350	13.944	13.939	13.947	VV	6445	31754	0.83%	0.022%
351	13.973	13.947	13.989	VV	9330	202600	5.28%	0.137%

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352	13.999	13.989	14.018	VV	8515	135119	3.52%	0.091%
353	14.023	14.018	14.029	VV	7192	46635	1.22%	0.032%
354	14.062	14.029	14.084	VV	10391	268157	6.99%	0.182%
355	14.101	14.084	14.144	VV	9088	270145	7.05%	0.183%
356	14.174	14.144	14.207	VV	11790	318315	8.30%	0.216%
357	14.219	14.207	14.224	VV	7319	68295	1.78%	0.046%
358	14.239	14.224	14.270	VV	7434	186394	4.86%	0.126%
359	14.283	14.270	14.299	VV	7626	120248	3.14%	0.081%
360	14.306	14.299	14.324	VV	7155	97524	2.54%	0.066%
361	14.342	14.324	14.354	VV	7982	128927	3.36%	0.087%
362	14.364	14.354	14.390	VV	8770	149709	3.90%	0.101%
363	14.418	14.390	14.438	VV	7343	178952	4.67%	0.121%
364	14.457	14.438	14.479	VV	9145	187121	4.88%	0.127%
365	14.484	14.479	14.493	VV	7301	60799	1.59%	0.041%
366	14.516	14.493	14.523	VV	9061	139682	3.64%	0.095%
367	14.529	14.523	14.568	VV	9358	203870	5.32%	0.138%
368	14.572	14.568	14.577	VV	6838	34708	0.91%	0.024%
369	14.589	14.577	14.618	VV	7951	163692	4.27%	0.111%
370	14.638	14.618	14.650	VV	7388	126286	3.29%	0.086%
371	14.697	14.650	14.705	VV	9045	251230	6.55%	0.170%
372	14.730	14.705	14.765	VV	11278	344715	8.99%	0.233%
373	14.784	14.765	14.801	VV	9315	184160	4.80%	0.125%
374	14.861	14.801	14.890	VV	10627	492263	12.84%	0.333%
375	14.908	14.890	14.922	VV	9365	161028	4.20%	0.109%
376	14.956	14.922	14.962	VV	11376	246047	6.42%	0.167%
377	14.976	14.962	14.989	VV	12041	179894	4.69%	0.122%
378	15.007	14.989	15.019	VV	12319	198681	5.18%	0.135%
379	15.022	15.019	15.043	VV	10829	135039	3.52%	0.091%
380	15.070	15.043	15.099	VV	12253	342172	8.92%	0.232%
381	15.134	15.099	15.153	VV	11791	345358	9.01%	0.234%
382	15.177	15.153	15.194	VV	12911	281597	7.34%	0.191%
383	15.225	15.194	15.235	VV	13911	306580	8.00%	0.208%
384	15.259	15.235	15.271	VV	13262	257429	6.71%	0.174%
385	15.295	15.271	15.319	VV	12701	346442	9.04%	0.235%
386	15.355	15.319	15.387	VV	15945	541051	14.11%	0.366%
387	15.408	15.387	15.421	VV	14808	258997	6.76%	0.175%
388	15.452	15.421	15.458	VV	13196	261480	6.82%	0.177%
389	15.485	15.458	15.503	VV	14261	357479	9.32%	0.242%
390	15.529	15.503	15.554	VV	15441	408882	10.66%	0.277%
391	15.570	15.554	15.584	VV	13911	226437	5.91%	0.153%
392	15.602	15.584	15.634	VV	14583	388862	10.14%	0.263%
393	15.645	15.634	15.660	VV	12306	185778	4.85%	0.126%
394	15.666	15.660	15.680	VV	12193	131861	3.44%	0.089%
395	15.690	15.680	15.704	VV	11266	154917	4.04%	0.105%
396	15.727	15.704	15.759	VV	13169	359983	9.39%	0.244%
397	15.776	15.759	15.782	VV	10566	138110	3.60%	0.094%
398	15.789	15.782	15.812	VV	11240	173385	4.52%	0.117%
399	15.818	15.812	15.822	VV	9192	54510	1.42%	0.037%
400	15.825	15.822	15.841	VV	9051	91156	2.38%	0.062%
401	15.850	15.841	15.880	VV	8482	179574	4.68%	0.122%
402	15.897	15.880	15.935	VV	8815	217000	5.66%	0.147%
403	15.949	15.935	15.955	VV	6197	70175	1.83%	0.048%
404	15.958	15.955	15.967	VV	5990	41010	1.07%	0.028%

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405	15.975	15.967	15.999	VV	5953	100000	2.61%	0.068%
406	16.005	15.999	16.010	VV	5383	33713	0.88%	0.023%
407	16.015	16.010	16.059	VV	4864	116148	3.03%	0.079%
408	16.065	16.059	16.070	VV	2690	17451	0.46%	0.012%
409	16.075	16.070	16.091	VV	2657	27318	0.71%	0.018%
410	16.098	16.091	16.119	VV	2354	29302	0.76%	0.020%
411	16.142	16.119	16.169	VV	1981	37211	0.97%	0.025%
412	16.174	16.169	16.183	VV	1257	6844	0.18%	0.005%
413	16.197	16.183	16.219	VV	1466	15464	0.40%	0.010%
414	16.225	16.219	16.235	VV	408	2741	0.07%	0.002%
415	16.240	16.235	16.249	PV	384	1015	0.03%	0.001%
416	16.294	16.249	16.309	VV	979	12759	0.33%	0.009%
417	16.344	16.309	16.352	PV	1600	28412	0.74%	0.019%
418	16.360	16.352	16.371	VV	1484	13161	0.34%	0.009%
419	16.383	16.371	16.402	VV	1815	26837	0.70%	0.018%
420	16.410	16.402	16.415	VV	2111	14074	0.37%	0.010%
421	16.439	16.415	16.449	VV	3527	58610	1.53%	0.040%
422	16.486	16.449	16.507	VV	4992	141539	3.69%	0.096%
423	16.515	16.507	16.520	VV	4332	34162	0.89%	0.023%
424	16.561	16.520	16.584	VV	5790	184223	4.80%	0.125%
425	16.623	16.584	16.627	VV	6483	149990	3.91%	0.102%
426	16.644	16.627	16.650	VV	6888	89749	2.34%	0.061%
427	16.656	16.650	16.664	VV	7412	59674	1.56%	0.040%
428	16.669	16.664	16.672	VV	6902	32461	0.85%	0.022%
429	16.704	16.672	16.730	VV	8499	255230	6.66%	0.173%
430	16.764	16.730	16.784	VV	6961	211704	5.52%	0.143%
431	16.808	16.784	16.830	VV	5979	156730	4.09%	0.106%
432	16.837	16.830	16.844	VV	5064	39506	1.03%	0.027%
433	16.870	16.844	16.898	VV	4549	128559	3.35%	0.087%
434	16.902	16.898	16.907	VV	3379	18187	0.47%	0.012%
435	16.932	16.907	16.967	VV	3481	97129	2.53%	0.066%
436	16.971	16.967	17.017	VV	2051	44587	1.16%	0.030%
437	17.022	17.017	17.069	VV	895	17466	0.46%	0.012%
438	17.143	17.069	17.155	PV	525	2213	0.06%	0.001%
439	17.207	17.155	17.220	VV	1016	20053	0.52%	0.014%
440	17.388	17.220	17.414	VV	5310	338821	8.84%	0.229%
441	17.423	17.414	17.429	VV	3582	33199	0.87%	0.022%
442	17.510	17.429	17.572	VV	3905	280593	7.32%	0.190%
443	17.597	17.572	17.606	VV	1672	31944	0.83%	0.022%
444	17.612	17.606	17.645	VV	1390	18034	0.47%	0.012%
445	17.832	17.645	17.842	PV	4859	220784	5.76%	0.149%
446	17.910	17.842	17.920	VV	6195	271471	7.08%	0.184%
447	18.033	17.920	18.047	VV	8529	551126	14.37%	0.373%
448	18.094	18.047	18.117	VV	8261	321014	8.37%	0.217%
449	18.192	18.117	18.207	VV	8122	393653	10.27%	0.267%
450	18.229	18.207	18.245	VV	7295	161724	4.22%	0.110%
451	18.259	18.245	18.279	VV	6611	121872	3.18%	0.083%
452	18.289	18.279	18.315	VV	4960	94055	2.45%	0.064%
453	18.351	18.315	18.405	VV	5854	193804	5.05%	0.131%
454	18.433	18.405	18.465	VV	2133	41885	1.09%	0.028%
455	18.672	18.465	18.691	PV	9611	472682	12.33%	0.320%
456	18.754	18.691	18.767	VV	11842	433109	11.30%	0.293%

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457	18.802	18.767	18.810	VV	11587	271474	7.08%	0.184%
458	18.895	18.810	18.914	VV	17495	791454	20.64%	0.536%
459	18.938	18.914	18.952	VV	14559	301325	7.86%	0.204%
460	18.971	18.952	18.996	VV	15987	346455	9.04%	0.235%
461	19.058	18.996	19.084	VV	17107	691384	18.03%	0.468%
462	19.090	19.084	19.117	VV	9698	182926	4.77%	0.124%
463	19.161	19.117	19.177	VV	12270	395539	10.32%	0.268%
464	19.209	19.177	19.222	VV	17035	383756	10.01%	0.260%
465	19.255	19.222	19.268	VV	21189	492007	12.83%	0.333%
466	19.291	19.268	19.310	VV	23481	513171	13.38%	0.347%
467	19.388	19.310	19.404	VV	31826	1432740	37.37%	0.970%
468	19.420	19.404	19.434	VV	33312	551120	14.37%	0.373%
469	19.453	19.434	19.470	VV	32822	654721	17.08%	0.443%
470	19.503	19.470	19.517	VV	28663	755797	19.71%	0.512%
471	19.530	19.517	19.539	VV	27876	355839	9.28%	0.241%
472	19.562	19.539	19.579	VV	27561	626872	16.35%	0.424%
473	19.639	19.579	19.650	VV	33518	1238780	32.31%	0.839%
474	19.659	19.650	19.671	VV	31226	361569	9.43%	0.245%
475	19.683	19.671	19.700	VV	31735	489014	12.75%	0.331%
476	19.718	19.700	19.728	VV	34044	474993	12.39%	0.322%
477	19.761	19.728	19.790	VV	34735	1239712	32.33%	0.839%
478	19.812	19.790	19.822	VV	42565	713928	18.62%	0.483%
479	19.843	19.822	19.857	VV	44929	861422	22.47%	0.583%
480	19.872	19.857	19.885	VV	41237	673275	17.56%	0.456%
481	19.895	19.885	19.914	VV	43908	686761	17.91%	0.465%
482	19.927	19.914	19.937	VV	41264	557179	14.53%	0.377%
483	19.949	19.937	19.966	VV	44195	684551	17.85%	0.464%
484	19.980	19.966	19.991	VV	42352	596526	15.56%	0.404%
485	20.032	19.991	20.045	VV	48245	1416091	36.93%	0.959%
486	20.055	20.045	20.069	VV	48554	644285	16.80%	0.436%
487	20.090	20.069	20.109	VV	54795	1188520	31.00%	0.805%
488	20.133	20.109	20.151	VV	56590	1389664	36.24%	0.941%
489	20.200	20.151	20.216	VV	58931	2114800	55.16%	1.432%
490	20.232	20.216	20.261	VV	53953	1341499	34.99%	0.908%
491	20.281	20.261	20.305	VV	49394	1211722	31.60%	0.820%
492	20.318	20.305	20.325	VV	46948	520137	13.57%	0.352%
493	20.360	20.325	20.379	VV	58092	1714296	44.71%	1.161%
494	20.408	20.379	20.424	VV	60106	1542901	40.24%	1.045%
495	20.434	20.424	20.441	VV	62011	630856	16.45%	0.427%
496	20.487	20.441	20.502	VV	66975	2291796	59.77%	1.552%
497	20.532	20.502	20.541	VV	64678	1417673	36.98%	0.960%
498	20.568	20.541	20.585	VV	70755	1735141	45.26%	1.175%
499	20.596	20.585	20.634	VV	56997	1577925	41.15%	1.068%
500	20.644	20.634	20.666	VV	49386	904862	23.60%	0.613%
501	20.694	20.666	20.710	VV	52736	1308407	34.13%	0.886%
502	20.721	20.710	20.732	VV	49109	607584	15.85%	0.411%
503	20.745	20.732	20.759	VV	47268	735245	19.18%	0.498%
504	20.825	20.759	20.837	VV	64503	2525468	65.87%	1.710%
505	20.860	20.837	20.869	VV	67536	1237251	32.27%	0.838%
506	20.877	20.869	20.899	VV	66322	1112786	29.02%	0.753%
507	20.916	20.899	20.940	VV	61651	1414134	36.88%	0.958%
508	20.950	20.940	20.980	VV	52064	1162820	30.33%	0.787%
509	21.010	20.980	21.020	VV	50885	1148645	29.96%	0.778%

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510	21.036	21.020	21.082	VV	55162	1765968	46.06%	1.196%
511	21.090	21.082	21.144	VV	40896	1194027	31.14%	0.808%
512	21.153	21.144	21.163	VV	23756	248168	6.47%	0.168%
513	21.174	21.163	21.188	VV	23386	300287	7.83%	0.203%
514	21.198	21.188	21.209	VV	19858	223943	5.84%	0.152%
515	21.220	21.209	21.253	VV	21173	503350	13.13%	0.341%
516	21.278	21.253	21.312	VV	20335	631730	16.48%	0.428%
517	21.327	21.312	21.340	VV	21039	328668	8.57%	0.223%
518	21.381	21.340	21.417	VV	32877	1319439	34.41%	0.893%
519	21.428	21.417	21.513	VV	31847	1399791	36.51%	0.948%
520	21.523	21.513	21.545	VV	15669	261920	6.83%	0.177%
521	21.618	21.545	21.717	VV	28139	1433022	37.38%	0.970%
522	21.746	21.717	21.762	PV	4244	64707	1.69%	0.044%
523	21.775	21.762	21.787	VV	6091	66959	1.75%	0.045%
524	21.797	21.787	21.807	VV	7474	57030	1.49%	0.039%
525	21.834	21.807	21.849	VV	5440	113051	2.95%	0.077%
526	21.858	21.849	21.874	VV	5241	54593	1.42%	0.037%
527	21.882	21.874	21.900	VBA	4590	133862	3.49%	0.091%
					Sum of corrected areas:		147688321	

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