

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111521\
 Data File : FG009083.D
 Signal(s) : FID1A.ch
 Acq On : 15 Nov 2021 21:41
 Sample : M4684-01 2X
 Misc :
 ALS Vial : 22 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	2.025	1.998	2.034	BV	972	17651	0.09%	0.012%
2	2.037	2.034	2.050	VV	958	8416	0.04%	0.006%
3	2.056	2.050	2.065	VV	824	7153	0.04%	0.005%
4	2.073	2.065	2.094	VV	848	14445	0.08%	0.010%
5	2.102	2.094	2.115	VV	886	10052	0.05%	0.007%
6	2.121	2.115	2.128	VV	862	6487	0.03%	0.005%
7	2.143	2.128	2.189	VV	2376	50147	0.27%	0.035%
8	2.197	2.189	2.220	VV	1256	19271	0.10%	0.013%
9	2.232	2.220	2.261	VV	959	19713	0.10%	0.014%
10	2.263	2.261	2.267	VV	778	2549	0.01%	0.002%
11	2.272	2.267	2.288	VV	840	8925	0.05%	0.006%
12	2.290	2.288	2.300	VV	683	4825	0.03%	0.003%
13	2.337	2.300	2.368	VV	1003	28785	0.15%	0.020%
14	2.375	2.368	2.392	VV	672	9036	0.05%	0.006%
15	2.398	2.392	2.415	VV	660	8428	0.04%	0.006%
16	2.420	2.415	2.428	VV	602	4539	0.02%	0.003%
17	2.432	2.428	2.442	VV	589	4496	0.02%	0.003%
18	2.445	2.442	2.464	VV	614	7835	0.04%	0.005%
19	2.469	2.464	2.477	VV	622	4165	0.02%	0.003%
20	2.485	2.477	2.492	VV	617	5102	0.03%	0.004%
21	2.527	2.492	2.532	VV	746	14038	0.07%	0.010%
22	2.535	2.532	2.541	VV	608	3561	0.02%	0.002%
23	2.548	2.541	2.559	VV	645	6253	0.03%	0.004%
24	2.569	2.559	2.593	VV	1114	16105	0.09%	0.011%
25	2.603	2.593	2.624	VV	729	11057	0.06%	0.008%
26	2.627	2.624	2.631	VV	584	2493	0.01%	0.002%
27	2.641	2.631	2.658	VV	680	9664	0.05%	0.007%
28	2.666	2.658	2.692	VV	659	11409	0.06%	0.008%
29	2.698	2.692	2.714	VV	598	7287	0.04%	0.005%
30	2.733	2.714	2.754	VV	621	12839	0.07%	0.009%
31	2.757	2.754	2.778	VV	507	6653	0.04%	0.005%
32	2.797	2.778	2.810	VV	649	10536	0.06%	0.007%
33	2.815	2.810	2.829	VV	590	6172	0.03%	0.004%
34	2.833	2.829	2.861	VV	562	8950	0.05%	0.006%
35	2.865	2.861	2.870	VV	513	2461	0.01%	0.002%
36	2.888	2.870	2.925	VV	758	19762	0.10%	0.014%

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37	2.929	2.925	2.940	VV	524	4107	0.02%	0.003%
38	2.945	2.940	2.952	VV	494	3306	0.02%	0.002%
39	2.956	2.952	2.974	VV	553	6310	0.03%	0.004%
40	2.996	2.974	3.009	VV	597	10454	0.06%	0.007%
41	3.018	3.009	3.040	VV	505	7978	0.04%	0.006%
42	3.063	3.040	3.072	VV	676	9982	0.05%	0.007%
43	3.078	3.072	3.092	VV	594	6878	0.04%	0.005%
44	3.096	3.092	3.106	VV	536	4200	0.02%	0.003%
45	3.115	3.106	3.139	VV	670	10692	0.06%	0.007%
46	3.155	3.139	3.235	VV	743	29897	0.16%	0.021%
47	3.261	3.235	3.289	VV	665	16976	0.09%	0.012%
48	3.302	3.289	3.322	VV	561	8849	0.05%	0.006%
49	3.328	3.322	3.338	VV	470	3880	0.02%	0.003%
50	3.363	3.338	3.406	VV	858	20301	0.11%	0.014%
51	3.410	3.406	3.415	VV	427	1946	0.01%	0.001%
52	3.419	3.415	3.456	VV	396	7766	0.04%	0.005%
53	3.465	3.456	3.472	VV	399	3244	0.02%	0.002%
54	3.476	3.472	3.482	VV	411	2044	0.01%	0.001%
55	3.486	3.482	3.509	VV	439	5735	0.03%	0.004%
56	3.527	3.509	3.533	VV	456	5137	0.03%	0.004%
57	3.539	3.533	3.547	VV	399	3068	0.02%	0.002%
58	3.552	3.547	3.557	VV	420	2045	0.01%	0.001%
59	3.562	3.557	3.584	VV	397	5418	0.03%	0.004%
60	3.588	3.584	3.599	VV	302	2204	0.01%	0.002%
61	3.609	3.599	3.615	VV	308	2536	0.01%	0.002%
62	3.622	3.615	3.631	VV	333	2628	0.01%	0.002%
63	3.634	3.631	3.638	VV	390	1224	0.01%	0.001%
64	3.642	3.638	3.647	VV	361	1921	0.01%	0.001%
65	3.664	3.647	3.686	VV	612	8703	0.05%	0.006%
66	3.689	3.686	3.704	VV	277	2699	0.01%	0.002%
67	3.710	3.704	3.715	VV	290	1438	0.01%	0.001%
68	3.719	3.715	3.724	VV	244	1287	0.01%	0.001%
69	3.745	3.724	3.753	VV	446	5985	0.03%	0.004%
70	3.763	3.753	3.768	VV	394	2550	0.01%	0.002%
71	3.779	3.768	3.793	VV	316	4176	0.02%	0.003%
72	3.802	3.793	3.809	VV	386	2957	0.02%	0.002%
73	3.813	3.809	3.834	VV	372	3621	0.02%	0.003%
74	3.839	3.834	3.848	VV	294	2208	0.01%	0.002%
75	3.862	3.848	3.879	VV	420	5907	0.03%	0.004%
76	3.887	3.879	3.903	VV	349	3826	0.02%	0.003%
77	3.908	3.903	3.913	VV	298	1586	0.01%	0.001%
78	3.917	3.913	3.934	VV	266	2598	0.01%	0.002%
79	3.950	3.934	3.982	VV	472	8294	0.04%	0.006%
80	3.985	3.982	3.993	VV	247	1556	0.01%	0.001%
81	3.998	3.993	4.013	VV	209	2174	0.01%	0.002%
82	4.036	4.013	4.053	VV	377	6307	0.03%	0.004%
83	4.068	4.053	4.072	VV	651	5541	0.03%	0.004%
84	4.084	4.072	4.088	VV	689	6417	0.03%	0.004%
85	4.102	4.088	4.117	VV	826	12301	0.07%	0.009%
86	4.123	4.117	4.149	VV	896	13715	0.07%	0.010%
87	4.152	4.149	4.181	VV	547	8233	0.04%	0.006%
88	4.213	4.181	4.228	VV	843	17085	0.09%	0.012%
89	4.248	4.228	4.277	VV	911	19465	0.10%	0.014%

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90	4.279	4.277	4.314	VV	574	11012	0.06%	0.008%
91	4.319	4.314	4.341	VV	489	5816	0.03%	0.004%
92	4.344	4.341	4.375	VV	393	6940	0.04%	0.005%
93	4.384	4.375	4.389	VV	386	2917	0.02%	0.002%
94	4.397	4.389	4.421	VV	388	5975	0.03%	0.004%
95	4.439	4.421	4.468	VV	1040	15504	0.08%	0.011%
96	4.487	4.468	4.500	VV	427	6399	0.03%	0.004%
97	4.512	4.500	4.519	VV	390	3733	0.02%	0.003%
98	4.527	4.519	4.548	VV	849	5891	0.03%	0.004%
99	4.553	4.548	4.572	VV	367	4357	0.02%	0.003%
100	4.591	4.572	4.607	VV	1310	15870	0.08%	0.011%
101	4.622	4.607	4.651	VV	1055	16444	0.09%	0.011%
102	4.666	4.651	4.685	VV	620	9139	0.05%	0.006%
103	4.693	4.685	4.709	VV	597	5929	0.03%	0.004%
104	4.726	4.709	4.747	VV	480	7397	0.04%	0.005%
105	4.752	4.747	4.761	VV	359	2147	0.01%	0.001%
106	4.768	4.761	4.787	VV	313	3706	0.02%	0.003%
107	4.798	4.787	4.803	VV	351	2454	0.01%	0.002%
108	4.814	4.803	4.819	VV	413	3347	0.02%	0.002%
109	4.824	4.819	4.840	VV	395	3671	0.02%	0.003%
110	4.849	4.840	4.888	VV	447	9485	0.05%	0.007%
111	4.916	4.888	4.943	VV	477	9316	0.05%	0.006%
112	4.968	4.943	4.984	VV	243	4491	0.02%	0.003%
113	4.987	4.984	5.020	VV	243	3138	0.02%	0.002%
114	5.037	5.020	5.071	VV	333	6317	0.03%	0.004%
115	5.088	5.071	5.110	VV	330	5792	0.03%	0.004%
116	5.122	5.110	5.152	VV	364	6239	0.03%	0.004%
117	5.165	5.152	5.175	VV	408	3987	0.02%	0.003%
118	5.187	5.175	5.266	VV	473	12908	0.07%	0.009%
119	5.285	5.266	5.291	VV	269	3291	0.02%	0.002%
120	5.307	5.291	5.332	VV	955	14162	0.07%	0.010%
121	5.337	5.332	5.348	VV	405	3161	0.02%	0.002%
122	5.352	5.348	5.358	VV	368	1925	0.01%	0.001%
123	5.374	5.358	5.401	VV	635	8140	0.04%	0.006%
124	5.416	5.401	5.447	VV	398	7607	0.04%	0.005%
125	5.450	5.447	5.457	VV	144	743	0.00%	0.001%
126	5.482	5.457	5.498	VV	1349	15856	0.08%	0.011%
127	5.509	5.498	5.533	VV	681	9404	0.05%	0.007%
128	5.548	5.533	5.587	VV	2086	29921	0.16%	0.021%
129	5.592	5.587	5.613	VV	394	4552	0.02%	0.003%
130	5.616	5.613	5.632	VV	296	2651	0.01%	0.002%
131	5.669	5.632	5.692	VV	744	11342	0.06%	0.008%
132	5.696	5.692	5.701	VV	142	739	0.00%	0.001%
133	5.730	5.701	5.743	VV	345	5929	0.03%	0.004%
134	5.768	5.743	5.777	VV	650	8930	0.05%	0.006%
135	5.781	5.777	5.814	VV	574	7876	0.04%	0.005%
136	5.824	5.814	5.845	VV	452	5382	0.03%	0.004%
137	5.860	5.845	5.892	VV	457	8404	0.04%	0.006%
138	5.898	5.892	5.921	VV	274	2769	0.01%	0.002%
139	5.938	5.921	5.959	VV	443	5247	0.03%	0.004%
140	5.988	5.959	6.011	PV	390	6343	0.03%	0.004%
141	6.048	6.011	6.066	VV	875	15803	0.08%	0.011%

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142	6.096	6.066	6.248	VV	31160	621570	3.29%	0.432%
143	6.254	6.248	6.293	VV	1505	31524	0.17%	0.022%
144	6.315	6.293	6.341	VV	1567	33333	0.18%	0.023%
145	6.352	6.341	6.371	VV	963	15152	0.08%	0.011%
146	6.380	6.371	6.384	VV	1041	6161	0.03%	0.004%
147	6.403	6.384	6.417	VV	991	16798	0.09%	0.012%
148	6.420	6.417	6.442	VV	1453	10856	0.06%	0.008%
149	6.467	6.442	6.508	VV	2499	43522	0.23%	0.030%
150	6.512	6.508	6.523	VV	409	3275	0.02%	0.002%
151	6.527	6.523	6.536	VV	431	2803	0.01%	0.002%
152	6.551	6.536	6.558	VV	460	5157	0.03%	0.004%
153	6.563	6.558	6.568	VV	481	2382	0.01%	0.002%
154	6.586	6.568	6.592	VV	455	5150	0.03%	0.004%
155	6.617	6.592	6.640	VV	1152	19004	0.10%	0.013%
156	6.676	6.640	6.706	VV	839	19621	0.10%	0.014%
157	6.723	6.706	6.740	VV	756	11447	0.06%	0.008%
158	6.748	6.740	6.771	VV	674	8343	0.04%	0.006%
159	6.802	6.771	6.842	VV	504	13545	0.07%	0.009%
160	6.876	6.842	6.900	VV	1042	16522	0.09%	0.011%
161	6.910	6.900	6.920	VV	294	2375	0.01%	0.002%
162	6.934	6.920	6.939	VV	285	2439	0.01%	0.002%
163	6.973	6.939	7.014	VV	976	26903	0.14%	0.019%
164	7.032	7.014	7.058	VV	769	13050	0.07%	0.009%
165	7.074	7.058	7.094	VV	610	8949	0.05%	0.006%
166	7.107	7.094	7.127	VV	951	14146	0.07%	0.010%
167	7.131	7.127	7.158	VV	785	9332	0.05%	0.006%
168	7.174	7.158	7.221	VV	1157	20245	0.11%	0.014%
169	7.241	7.221	7.262	VV	714	11764	0.06%	0.008%
170	7.275	7.262	7.290	VV	665	7645	0.04%	0.005%
171	7.293	7.290	7.317	VV	268	4073	0.02%	0.003%
172	7.321	7.317	7.336	VV	332	3231	0.02%	0.002%
173	7.355	7.336	7.367	VV	382	5991	0.03%	0.004%
174	7.396	7.367	7.430	VV	3493	54004	0.29%	0.038%
175	7.441	7.430	7.454	VV	514	5559	0.03%	0.004%
176	7.458	7.454	7.464	VV	374	2082	0.01%	0.001%
177	7.469	7.464	7.472	VV	401	1873	0.01%	0.001%
178	7.479	7.472	7.507	VV	411	5418	0.03%	0.004%
179	7.529	7.507	7.545	VV	207	3212	0.02%	0.002%
180	7.573	7.545	7.594	VV	849	12549	0.07%	0.009%
181	7.597	7.594	7.610	VV	326	2701	0.01%	0.002%
182	7.615	7.610	7.619	VV	268	1246	0.01%	0.001%
183	7.627	7.619	7.646	VV	233	2503	0.01%	0.002%
184	7.653	7.646	7.666	VV	101	879	0.00%	0.001%
185	7.685	7.666	7.709	VV	578	7501	0.04%	0.005%
186	7.721	7.709	7.726	VV	345	2846	0.02%	0.002%
187	7.739	7.726	7.753	VV	400	4591	0.02%	0.003%
188	7.767	7.753	7.772	VV	242	1996	0.01%	0.001%
189	7.779	7.772	7.795	VV	184	1707	0.01%	0.001%
190	7.854	7.795	7.874	VV	1335	27798	0.15%	0.019%
191	7.877	7.874	7.895	VV	689	5152	0.03%	0.004%
192	7.919	7.895	7.945	VV	641	8687	0.05%	0.006%
193	7.966	7.945	7.988	VV	882	11370	0.06%	0.008%
194	8.014	7.988	8.059	VV	1130	26558	0.14%	0.018%

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195	8.064	8.059	8.070	VV	285	1641	0.01%	0.001%
196	8.091	8.070	8.115	VV	1564	22206	0.12%	0.015%
197	8.125	8.115	8.144	VV	593	8333	0.04%	0.006%
198	8.148	8.144	8.160	VV	466	4531	0.02%	0.003%
199	8.180	8.160	8.194	VV	913	13897	0.07%	0.010%
200	8.238	8.194	8.256	VV	8297	135944	0.72%	0.095%
201	8.271	8.256	8.305	VV	5332	81157	0.43%	0.056%
202	8.313	8.305	8.330	VV	975	12167	0.06%	0.008%
203	8.344	8.330	8.351	VV	882	9511	0.05%	0.007%
204	8.358	8.351	8.373	VV	910	11538	0.06%	0.008%
205	8.393	8.373	8.421	VV	1664	32095	0.17%	0.022%
206	8.440	8.421	8.457	VV	956	15034	0.08%	0.010%
207	8.465	8.457	8.475	VV	572	5499	0.03%	0.004%
208	8.499	8.475	8.533	VV	1077	22392	0.12%	0.016%
209	8.564	8.533	8.590	VV	375	7632	0.04%	0.005%
210	8.602	8.590	8.612	PV	185	1475	0.01%	0.001%
211	8.693	8.612	8.710	VV	1314	38950	0.21%	0.027%
212	8.728	8.710	8.750	VV	1478	28447	0.15%	0.020%
213	8.762	8.750	8.789	VV	1254	23663	0.13%	0.016%
214	8.809	8.789	8.842	VV	2666	40934	0.22%	0.028%
215	8.865	8.842	8.910	VV	753	19142	0.10%	0.013%
216	8.931	8.910	8.951	VV	1116	18386	0.10%	0.013%
217	8.962	8.951	8.987	VV	834	12942	0.07%	0.009%
218	9.021	8.987	9.062	VV	1049	35679	0.19%	0.025%
219	9.099	9.062	9.128	VV	6136	90222	0.48%	0.063%
220	9.143	9.128	9.166	VV	1042	17526	0.09%	0.012%
221	9.183	9.166	9.217	VV	638	12718	0.07%	0.009%
222	9.257	9.217	9.278	VV	800	14021	0.07%	0.010%
223	9.300	9.278	9.320	VV	742	12022	0.06%	0.008%
224	9.337	9.320	9.364	VV	631	12257	0.06%	0.009%
225	9.391	9.364	9.418	VV	877	16473	0.09%	0.011%
226	9.439	9.418	9.460	VV	1769	27851	0.15%	0.019%
227	9.479	9.460	9.530	VV	1995	58524	0.31%	0.041%
228	9.558	9.530	9.585	VV	1864	39164	0.21%	0.027%
229	9.603	9.585	9.619	VV	1190	17510	0.09%	0.012%
230	9.630	9.619	9.645	VV	1168	14470	0.08%	0.010%
231	9.658	9.645	9.679	VV	1374	18033	0.10%	0.013%
232	9.714	9.679	9.735	VV	941	20506	0.11%	0.014%
233	9.757	9.735	9.779	VV	1471	20647	0.11%	0.014%
234	9.819	9.779	9.858	VV	1503	44910	0.24%	0.031%
235	9.880	9.858	9.934	VV	6707	90645	0.48%	0.063%
236	9.944	9.934	9.952	VV	595	5408	0.03%	0.004%
237	9.958	9.952	9.976	VV	573	7525	0.04%	0.005%
238	9.990	9.976	10.027	VV	769	12516	0.07%	0.009%
239	10.058	10.027	10.108	VV	536	11927	0.06%	0.008%
240	10.119	10.108	10.132	PV	144	1484	0.01%	0.001%
241	10.134	10.132	10.139	VV	168	367	0.00%	0.000%
242	10.157	10.139	10.178	PV	496	5553	0.03%	0.004%
243	10.194	10.178	10.204	VV	347	3771	0.02%	0.003%
244	10.225	10.204	10.239	VV	1177	15709	0.08%	0.011%
245	10.272	10.239	10.298	VV	2935	46778	0.25%	0.033%
246	10.328	10.298	10.347	VV	1602	32662	0.17%	0.023%

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247	10.360	10.347	10.389	VV	1978	28372	0.15%	0.020%
248	10.413	10.389	10.447	VV	1658	28424	0.15%	0.020%
249	10.465	10.447	10.485	VV	1852	26880	0.14%	0.019%
250	10.490	10.485	10.500	VV	1244	10401	0.06%	0.007%
251	10.506	10.500	10.523	VV	1144	13732	0.07%	0.010%
252	10.543	10.523	10.565	VV	1484	29254	0.15%	0.020%
253	10.579	10.565	10.592	VV	1587	20541	0.11%	0.014%
254	10.622	10.592	10.647	VV	7097	100399	0.53%	0.070%
255	10.652	10.647	10.656	VV	955	5116	0.03%	0.004%
256	10.695	10.656	10.744	VV	3621	93137	0.49%	0.065%
257	10.757	10.744	10.781	VV	786	11683	0.06%	0.008%
258	10.786	10.781	10.809	VV	267	2636	0.01%	0.002%
259	10.847	10.809	10.865	PV	948	14794	0.08%	0.010%
260	10.905	10.865	10.953	VV	20108	313269	1.66%	0.218%
261	10.971	10.953	11.005	VV	2256	50531	0.27%	0.035%
262	11.017	11.005	11.034	VV	1356	19317	0.10%	0.013%
263	11.041	11.034	11.060	VV	926	10298	0.05%	0.007%
264	11.078	11.060	11.117	VV	875	17283	0.09%	0.012%
265	11.131	11.117	11.137	VV	655	4896	0.03%	0.003%
266	11.138	11.137	11.151	VV	512	2459	0.01%	0.002%
267	11.178	11.151	11.188	VV	704	11271	0.06%	0.008%
268	11.199	11.188	11.224	VV	772	8899	0.05%	0.006%
269	11.255	11.224	11.275	VV	932	17147	0.09%	0.012%
270	11.293	11.275	11.302	VV	836	11480	0.06%	0.008%
271	11.328	11.302	11.350	VV	6218	77102	0.41%	0.054%
272	11.379	11.350	11.395	VV	981	17551	0.09%	0.012%
273	11.419	11.395	11.465	VV	4324	67097	0.36%	0.047%
274	11.487	11.465	11.503	PV	830	9365	0.05%	0.007%
275	11.525	11.503	11.536	PV	1018	11400	0.06%	0.008%
276	11.552	11.536	11.572	VV	1367	20372	0.11%	0.014%
277	11.577	11.572	11.589	VV	722	6282	0.03%	0.004%
278	11.598	11.589	11.610	VV	1129	11552	0.06%	0.008%
279	11.624	11.610	11.668	VV	1245	23681	0.13%	0.016%
280	11.698	11.668	11.715	PV	2601	44792	0.24%	0.031%
281	11.734	11.715	11.785	VV	3601	88753	0.47%	0.062%
282	11.813	11.785	11.834	VV	3118	56467	0.30%	0.039%
283	11.849	11.834	11.862	VV	2543	32248	0.17%	0.022%
284	11.883	11.862	11.929	VV	10729	152178	0.81%	0.106%
285	11.952	11.929	11.966	PV	465	5736	0.03%	0.004%
286	12.003	11.966	12.024	VV	5599	76390	0.40%	0.053%
287	12.057	12.024	12.086	VV	290322	3273843	17.34%	2.277%
288	12.104	12.086	12.158	VV	3074	61560	0.33%	0.043%
289	12.168	12.158	12.187	VV	503	4493	0.02%	0.003%
290	12.203	12.187	12.218	VV	1403	15674	0.08%	0.011%
291	12.265	12.218	12.317	VV	66777	909964	4.82%	0.633%
292	12.338	12.317	12.364	VV	4247	68577	0.36%	0.048%
293	12.382	12.364	12.396	VV	3185	45046	0.24%	0.031%
294	12.403	12.396	12.437	VV	2444	31480	0.17%	0.022%
295	12.464	12.437	12.472	VV	1679	20732	0.11%	0.014%
296	12.493	12.472	12.511	VV	6588	81893	0.43%	0.057%
297	12.525	12.511	12.550	VV	1964	23523	0.12%	0.016%
298	12.604	12.550	12.624	PV	5066	91388	0.48%	0.064%
299	12.645	12.624	12.662	VV	8533	111250	0.59%	0.077%

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300	12.673	12.662	12.685	VV	3149	35408	0.19%	0.025%
301	12.725	12.685	12.777	VV	9833	214170	1.13%	0.149%
302	12.780	12.777	12.784	VV	408	1249	0.01%	0.001%
303	12.847	12.784	12.870	VV	1801	43429	0.23%	0.030%
304	12.873	12.870	12.878	VV	724	2797	0.01%	0.002%
305	12.914	12.878	12.935	VV	2297	40889	0.22%	0.028%
306	12.970	12.935	12.997	VV	2599	55098	0.29%	0.038%
307	13.029	12.997	13.050	PV	11553	179313	0.95%	0.125%
308	13.090	13.050	13.121	VV	1303939	18883723	100.00%	13.131%
309	13.145	13.121	13.165	VV	844330	9970749	52.80%	6.933%
310	13.174	13.165	13.222	VV	69577	879115	4.66%	0.611%
311	13.235	13.222	13.246	VV	4685	60530	0.32%	0.042%
312	13.263	13.246	13.271	VV	9053	105365	0.56%	0.073%
313	13.285	13.271	13.292	VV	11554	120192	0.64%	0.084%
314	13.317	13.292	13.406	VV	152334	2226993	11.79%	1.549%
315	13.410	13.406	13.447	VV	3851	77876	0.41%	0.054%
316	13.468	13.447	13.480	VV	5918	93205	0.49%	0.065%
317	13.496	13.480	13.520	VV	9605	150310	0.80%	0.105%
318	13.539	13.520	13.559	VV	3234	65189	0.35%	0.045%
319	13.570	13.559	13.592	VV	2671	44183	0.23%	0.031%
320	13.615	13.592	13.642	VV	11892	207725	1.10%	0.144%
321	13.655	13.642	13.675	VV	4091	59386	0.31%	0.041%
322	13.687	13.675	13.708	VV	3000	38061	0.20%	0.026%
323	13.736	13.708	13.760	VV	4241	80572	0.43%	0.056%
324	13.779	13.760	13.784	VV	3224	37140	0.20%	0.026%
325	13.804	13.784	13.830	VV	4553	84145	0.45%	0.059%
326	13.853	13.830	13.871	VV	10113	151986	0.80%	0.106%
327	13.898	13.871	13.925	VV	8452	181970	0.96%	0.127%
328	13.969	13.925	13.991	VV	6160	159270	0.84%	0.111%
329	13.995	13.991	14.040	VV	2648	37155	0.20%	0.026%
330	14.072	14.040	14.102	PV	3767	75357	0.40%	0.052%
331	14.107	14.102	14.111	VV	2009	10098	0.05%	0.007%
332	14.139	14.111	14.147	VV	8643	115008	0.61%	0.080%
333	14.158	14.147	14.196	VV	8874	128565	0.68%	0.089%
334	14.216	14.196	14.220	VV	2313	23044	0.12%	0.016%
335	14.267	14.220	14.284	VV	5636	138231	0.73%	0.096%
336	14.308	14.284	14.327	VV	8866	152933	0.81%	0.106%
337	14.345	14.327	14.362	VV	5566	100466	0.53%	0.070%
338	14.367	14.362	14.390	VV	4768	63979	0.34%	0.044%
339	14.416	14.390	14.449	VV	10144	184642	0.98%	0.128%
340	14.476	14.449	14.517	VV	22460	415263	2.20%	0.289%
341	14.540	14.517	14.574	VV	10357	205908	1.09%	0.143%
342	14.594	14.574	14.619	VV	6117	123453	0.65%	0.086%
343	14.624	14.619	14.629	VV	2852	15905	0.08%	0.011%
344	14.638	14.629	14.658	VV	3557	45610	0.24%	0.032%
345	14.680	14.658	14.701	VV	3668	68220	0.36%	0.047%
346	14.755	14.701	14.794	VV	70361	1052419	5.57%	0.732%
347	14.797	14.794	14.802	VV	2906	13716	0.07%	0.010%
348	14.807	14.802	14.834	VV	3100	44634	0.24%	0.031%
349	14.851	14.834	14.872	VV	3135	52284	0.28%	0.036%
350	14.894	14.872	14.908	VV	4155	67138	0.36%	0.047%
351	14.925	14.908	14.934	VV	7109	90358	0.48%	0.063%

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352	14.958	14.934	14.985	VV	21512	343887	1.82%	0.239%
353	15.001	14.985	15.005	VV	3566	32789	0.17%	0.023%
354	15.010	15.005	15.024	VV	3333	30404	0.16%	0.021%
355	15.057	15.024	15.082	VV	4184	94931	0.50%	0.066%
356	15.111	15.082	15.132	VV	2662	66498	0.35%	0.046%
357	15.148	15.132	15.206	VV	5055	84066	0.45%	0.058%
358	15.241	15.206	15.258	PV	2761	48505	0.26%	0.034%
359	15.278	15.258	15.322	VV	2523	51657	0.27%	0.036%
360	15.356	15.322	15.418	VV	21947	493331	2.61%	0.343%
361	15.423	15.418	15.428	VV	2100	10522	0.06%	0.007%
362	15.432	15.428	15.457	VV	1951	19340	0.10%	0.013%
363	15.483	15.457	15.522	PV	9230	169025	0.90%	0.118%
364	15.545	15.522	15.575	VV	12563	196897	1.04%	0.137%
365	15.599	15.575	15.612	VV	4257	67583	0.36%	0.047%
366	15.625	15.612	15.654	VV	4578	75081	0.40%	0.052%
367	15.658	15.654	15.672	VV	1765	12244	0.06%	0.009%
368	15.708	15.672	15.722	VV	2915	44468	0.24%	0.031%
369	15.754	15.722	15.781	VV	3926	105253	0.56%	0.073%
370	15.802	15.781	15.814	VV	3570	50977	0.27%	0.035%
371	15.834	15.814	15.860	VV	3374	61480	0.33%	0.043%
372	15.883	15.860	15.912	VV	5152	101767	0.54%	0.071%
373	15.934	15.912	15.943	VV	3670	59175	0.31%	0.041%
374	15.958	15.943	15.963	VV	4149	41918	0.22%	0.029%
375	15.986	15.963	16.012	VV	12053	198153	1.05%	0.138%
376	16.029	16.012	16.040	VV	5437	79140	0.42%	0.055%
377	16.046	16.040	16.084	VV	6772	107162	0.57%	0.075%
378	16.088	16.084	16.095	VV	2171	13333	0.07%	0.009%
379	16.106	16.095	16.118	VV	2376	24145	0.13%	0.017%
380	16.128	16.118	16.150	VV	2646	27501	0.15%	0.019%
381	16.191	16.150	16.230	PV	4854	105141	0.56%	0.073%
382	16.245	16.230	16.249	VV	2001	10725	0.06%	0.007%
383	16.295	16.249	16.316	VV	5372	124222	0.66%	0.086%
384	16.330	16.316	16.336	VV	1191	9672	0.05%	0.007%
385	16.400	16.336	16.437	PV	5737	179000	0.95%	0.124%
386	16.441	16.437	16.444	VV	668	2385	0.01%	0.002%
387	16.476	16.444	16.517	PV	11353	272105	1.44%	0.189%
388	16.535	16.517	16.550	VV	8035	97151	0.51%	0.068%
389	16.553	16.550	16.565	VV	3445	25837	0.14%	0.018%
390	16.577	16.565	16.584	VV	3730	32077	0.17%	0.022%
391	16.593	16.584	16.597	VV	3879	28493	0.15%	0.020%
392	16.629	16.597	16.660	VV	6628	175952	0.93%	0.122%
393	16.702	16.660	16.734	VV	6884	204872	1.08%	0.142%
394	16.749	16.734	16.756	VV	4643	48240	0.26%	0.034%
395	16.760	16.756	16.767	VV	3058	19931	0.11%	0.014%
396	16.795	16.767	16.809	VV	8376	149658	0.79%	0.104%
397	16.827	16.809	16.857	VV	14841	259350	1.37%	0.180%
398	16.881	16.857	16.900	VV	5971	106358	0.56%	0.074%
399	16.943	16.900	16.958	VV	15101	260139	1.38%	0.181%
400	16.982	16.958	17.009	VV	13771	292094	1.55%	0.203%
401	17.013	17.009	17.046	VV	4580	61206	0.32%	0.043%
402	17.050	17.046	17.066	VV	2858	18495	0.10%	0.013%
403	17.073	17.066	17.077	PV	1504	5891	0.03%	0.004%
404	17.128	17.077	17.133	VV	5190	86355	0.46%	0.060%

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405	17.143	17.133	17.157	VV	4504	45751	0.24%	0.032%
406	17.201	17.157	17.222	VV	7848	188367	1.00%	0.131%
407	17.226	17.222	17.230	VV	4156	17109	0.09%	0.012%
408	17.270	17.230	17.300	VV	11242	299936	1.59%	0.209%
409	17.331	17.300	17.357	VV	10609	272085	1.44%	0.189%
410	17.398	17.357	17.417	VV	20138	478070	2.53%	0.332%
411	17.421	17.417	17.424	VV	9988	41844	0.22%	0.029%
412	17.427	17.424	17.435	VV	9620	54636	0.29%	0.038%
413	17.440	17.435	17.457	VV	8873	103770	0.55%	0.072%
414	17.461	17.457	17.464	VV	7091	26728	0.14%	0.019%
415	17.477	17.464	17.492	VV	7961	113039	0.60%	0.079%
416	17.514	17.492	17.519	VV	10515	128604	0.68%	0.089%
417	17.522	17.519	17.534	VV	8837	64937	0.34%	0.045%
418	17.548	17.534	17.563	VV	7075	100892	0.53%	0.070%
419	17.585	17.563	17.602	VV	8904	151927	0.80%	0.106%
420	17.608	17.602	17.626	VV	6231	62742	0.33%	0.044%
421	17.640	17.626	17.650	VV	6863	61202	0.32%	0.043%
422	17.671	17.650	17.676	VV	7160	72612	0.38%	0.050%
423	17.682	17.676	17.710	VV	7759	95065	0.50%	0.066%
424	17.722	17.710	17.728	VV	5125	40296	0.21%	0.028%
425	17.765	17.728	17.770	VV	8802	188136	1.00%	0.131%
426	17.786	17.770	17.792	VV	8695	108036	0.57%	0.075%
427	17.794	17.792	17.798	VV	8104	27186	0.14%	0.019%
428	17.806	17.798	17.812	VV	7849	60021	0.32%	0.042%
429	17.837	17.812	17.869	VV	28195	536521	2.84%	0.373%
430	17.897	17.869	17.902	VV	9238	143466	0.76%	0.100%
431	17.916	17.902	17.920	VV	9898	94717	0.50%	0.066%
432	17.927	17.920	17.948	VV	10561	144617	0.77%	0.101%
433	17.993	17.948	18.012	VV	30344	723424	3.83%	0.503%
434	18.018	18.012	18.030	VV	18961	191057	1.01%	0.133%
435	18.037	18.030	18.071	VV	16521	338976	1.80%	0.236%
436	18.082	18.071	18.131	VV	16181	452023	2.39%	0.314%
437	18.164	18.131	18.179	VV	18046	405006	2.14%	0.282%
438	18.218	18.179	18.229	VV	23913	616652	3.27%	0.429%
439	18.262	18.229	18.293	VV	34601	894548	4.74%	0.622%
440	18.307	18.293	18.319	VV	17484	240461	1.27%	0.167%
441	18.330	18.319	18.340	VV	19183	219424	1.16%	0.153%
442	18.358	18.340	18.382	VV	32003	604350	3.20%	0.420%
443	18.388	18.382	18.397	VV	21026	180403	0.96%	0.125%
444	18.412	18.397	18.432	VV	21613	396144	2.10%	0.275%
445	18.448	18.432	18.460	VV	20907	317631	1.68%	0.221%
446	18.471	18.460	18.481	VV	21387	252288	1.34%	0.175%
447	18.488	18.481	18.498	VV	21370	200692	1.06%	0.140%
448	18.513	18.498	18.521	VV	23431	295368	1.56%	0.205%
449	18.534	18.521	18.559	VV	25506	481129	2.55%	0.335%
450	18.569	18.559	18.588	VV	23731	367544	1.95%	0.256%
451	18.596	18.588	18.612	VV	21600	280055	1.48%	0.195%
452	18.633	18.612	18.639	VV	25874	368658	1.95%	0.256%
453	18.673	18.639	18.696	VV	49469	1181984	6.26%	0.822%
454	18.702	18.696	18.713	VV	25951	254768	1.35%	0.177%
455	18.727	18.713	18.739	VV	26835	391174	2.07%	0.272%
456	18.788	18.739	18.806	VV	40240	1248289	6.61%	0.868%

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457	18.832	18.806	18.862	VV	39233	1159152	6.14%	0.806%
458	18.867	18.862	18.886	VV	33907	454161	2.41%	0.316%
459	18.892	18.886	18.901	VV	31812	250732	1.33%	0.174%
460	18.914	18.901	18.920	VV	30864	335577	1.78%	0.233%
461	18.940	18.920	18.949	VV	31861	499595	2.65%	0.347%
462	18.957	18.949	18.985	VV	34847	670825	3.55%	0.466%
463	18.990	18.985	19.012	VV	31120	452042	2.39%	0.314%
464	19.048	19.012	19.054	VV	43585	898964	4.76%	0.625%
465	19.066	19.054	19.091	VV	49090	975861	5.17%	0.679%
466	19.098	19.091	19.105	VV	38851	318665	1.69%	0.222%
467	19.112	19.105	19.125	VV	43144	487361	2.58%	0.339%
468	19.127	19.125	19.131	VV	42556	137939	0.73%	0.096%
469	19.138	19.131	19.148	VV	42888	385409	2.04%	0.268%
470	19.180	19.148	19.199	VV	45983	1246250	6.60%	0.867%
471	19.210	19.199	19.216	VV	48385	462405	2.45%	0.322%
472	19.223	19.216	19.232	VV	46434	413906	2.19%	0.288%
473	19.244	19.232	19.253	VV	49009	557674	2.95%	0.388%
474	19.260	19.253	19.275	VV	49244	610933	3.24%	0.425%
475	19.292	19.275	19.302	VV	48360	733189	3.88%	0.510%
476	19.326	19.302	19.340	VV	53090	1067230	5.65%	0.742%
477	19.354	19.340	19.382	VV	53098	1235690	6.54%	0.859%
478	19.390	19.382	19.401	VV	53779	553763	2.93%	0.385%
479	19.407	19.401	19.415	VV	47873	391539	2.07%	0.272%
480	19.422	19.415	19.433	VV	50609	493871	2.62%	0.343%
481	19.462	19.433	19.474	VV	65908	1366945	7.24%	0.951%
482	19.484	19.474	19.505	VV	61109	1095006	5.80%	0.761%
483	19.513	19.505	19.544	VV	57347	1236404	6.55%	0.860%
484	19.552	19.544	19.557	VV	56226	412918	2.19%	0.287%
485	19.560	19.557	19.572	VV	57782	494142	2.62%	0.344%
486	19.585	19.572	19.591	VV	62353	653028	3.46%	0.454%
487	19.598	19.591	19.601	VV	60817	371300	1.97%	0.258%
488	19.612	19.601	19.622	VV	64447	742605	3.93%	0.516%
489	19.657	19.622	19.670	VV	66621	1758476	9.31%	1.223%
490	19.681	19.670	19.694	VV	69383	897346	4.75%	0.624%
491	19.702	19.694	19.710	VV	68484	648170	3.43%	0.451%
492	19.716	19.710	19.719	VV	65458	334788	1.77%	0.233%
493	19.730	19.719	19.735	VV	67080	648053	3.43%	0.451%
494	19.751	19.735	19.759	VV	70439	942156	4.99%	0.655%
495	19.775	19.759	19.790	VV	70806	1276854	6.76%	0.888%
496	19.837	19.790	19.859	VV	88008	3194095	16.91%	2.221%
497	19.869	19.859	19.879	VV	79803	883596	4.68%	0.614%
498	19.891	19.879	19.907	VV	86811	1356510	7.18%	0.943%
499	19.918	19.907	19.923	VV	78222	734988	3.89%	0.511%
500	19.928	19.923	19.938	VV	79302	708221	3.75%	0.492%
501	19.948	19.938	19.959	VV	79467	942793	4.99%	0.656%
502	19.968	19.959	19.977	VV	79003	837701	4.44%	0.583%
503	19.982	19.977	19.987	VV	77444	436615	2.31%	0.304%
504	20.011	19.987	20.015	VV	83988	1364476	7.23%	0.949%
505	20.020	20.015	20.040	VV	85692	1208533	6.40%	0.840%
506	20.050	20.040	20.062	VV	81545	1001283	5.30%	0.696%
507	20.070	20.062	20.080	VV	82124	911069	4.82%	0.634%
508	20.086	20.080	20.098	VV	82778	869110	4.60%	0.604%
509	20.122	20.098	20.128	VV	95465	1556403	8.24%	1.082%

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510	20.134	20.128	20.152	VV	95179	1306060	6.92%	0.908%
511	20.159	20.152	20.172	VV	92294	1092520	5.79%	0.760%
512	20.191	20.172	20.197	VV	100453	1394878	7.39%	0.970%
513	20.209	20.197	20.238	VV	108109	2397440	12.70%	1.667%
514	20.255	20.238	20.261	VV	97820	1295621	6.86%	0.901%
515	20.277	20.261	20.304	VV	101260	2543685	13.47%	1.769%
516	20.310	20.304	20.316	VV	93462	646622	3.42%	0.450%
517	20.332	20.316	20.339	VV	95493	1262506	6.69%	0.878%
518	20.347	20.339	20.352	VV	96042	753692	3.99%	0.524%
519	20.359	20.352	20.372	VV	98200	1151517	6.10%	0.801%
520	20.381	20.372	20.387	VV	93619	814982	4.32%	0.567%
521	20.393	20.387	20.402	VV	94924	809762	4.29%	0.563%
522	20.423	20.402	20.439	VV	97823	2067723	10.95%	1.438%
523	20.446	20.439	20.455	VV	96454	926674	4.91%	0.644%
524	20.459	20.455	20.464	VV	95682	505591	2.68%	0.352%
525	20.472	20.464	20.484	VV	101432	1120542	5.93%	0.779%
526	20.494	20.484	20.504	VV	99338	1134228	6.01%	0.789%
527	20.507	20.504	20.520	VV	95799	930020	4.92%	0.647%
528	20.536	20.520	20.544	VV	98261	1342275	7.11%	0.933%
529	20.560	20.544	20.573	VV	108615	1811949	9.60%	1.260%
530	20.583	20.573	20.594	VV	108648	1278125	6.77%	0.889%
531	20.601	20.594	20.629	VV	102482	2058856	10.90%	1.432%
532	20.635	20.629	20.647	VV	95287	980994	5.19%	0.682%
533	20.657	20.647	20.662	VV	92925	834781	4.42%	0.580%
534	20.680	20.662	20.689	VV	96970	1503993	7.96%	1.046%
535	20.693	20.689	20.705	VV	95982	892509	4.73%	0.621%

Sum of corrected areas: 143805883

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