

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121622\
 Data File : FG011213.D
 Signal(s) : FID1A.ch
 Acq On : 16 Dec 2022 17:37
 Sample : N6041-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120522.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.077	2.043	2.142	VV	159313	1741172	58.29%	2.820%
2	2.166	2.142	2.190	VV	629	16235	0.54%	0.026%
3	2.194	2.190	2.209	VV	519	5712	0.19%	0.009%
4	2.214	2.209	2.228	VV	477	5128	0.17%	0.008%
5	2.232	2.228	2.236	VV	465	2036	0.07%	0.003%
6	2.274	2.236	2.286	VV	795	17079	0.57%	0.028%
7	2.297	2.286	2.366	VV	2809	57322	1.92%	0.093%
8	2.379	2.366	2.433	VV	1618	35703	1.20%	0.058%
9	2.447	2.433	2.481	VV	687	14189	0.48%	0.023%
10	2.485	2.481	2.499	VV	380	3852	0.13%	0.006%
11	2.503	2.499	2.508	VV	374	1836	0.06%	0.003%
12	2.511	2.508	2.517	VV	351	1811	0.06%	0.003%
13	2.521	2.517	2.533	VV	368	3287	0.11%	0.005%
14	2.560	2.533	2.575	VV	487	10497	0.35%	0.017%
15	2.579	2.575	2.585	VV	372	1896	0.06%	0.003%
16	2.590	2.585	2.597	VV	351	2222	0.07%	0.004%
17	2.615	2.597	2.628	VV	360	5933	0.20%	0.010%
18	2.649	2.628	2.662	VV	578	9294	0.31%	0.015%
19	2.667	2.662	2.682	VV	406	3896	0.13%	0.006%
20	2.691	2.682	2.696	VV	310	2457	0.08%	0.004%
21	2.699	2.696	2.703	VV	323	1195	0.04%	0.002%
22	2.721	2.703	2.742	VV	484	8932	0.30%	0.014%
23	2.757	2.742	2.765	VV	784	8161	0.27%	0.013%
24	2.771	2.765	2.803	VV	816	12245	0.41%	0.020%
25	2.833	2.803	2.854	VV	419	11081	0.37%	0.018%
26	2.860	2.854	2.866	VV	342	2312	0.08%	0.004%
27	2.891	2.866	2.897	VV	522	6880	0.23%	0.011%
28	2.910	2.897	2.914	VV	571	5410	0.18%	0.009%
29	2.929	2.914	2.952	VV	705	12739	0.43%	0.021%
30	2.961	2.952	3.013	VV	926	18950	0.63%	0.031%
31	3.037	3.013	3.068	VV	640	13558	0.45%	0.022%
32	3.085	3.068	3.094	VV	432	5879	0.20%	0.010%
33	3.109	3.094	3.136	VV	455	8835	0.30%	0.014%
34	3.145	3.136	3.150	VV	338	2505	0.08%	0.004%
35	3.154	3.150	3.173	VV	374	4535	0.15%	0.007%
36	3.185	3.173	3.190	VV	342	3105	0.10%	0.005%

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37	3.217	3.190	3.234	VV	637	11664	0.39%	0.019%
38	3.252	3.234	3.293	VV	580	15872	0.53%	0.026%
39	3.303	3.293	3.328	VV	383	7095	0.24%	0.011%
40	3.341	3.328	3.358	VV	415	6301	0.21%	0.010%
41	3.365	3.358	3.380	VV	334	4116	0.14%	0.007%
42	3.386	3.380	3.394	VV	303	2389	0.08%	0.004%
43	3.399	3.394	3.406	VV	317	2067	0.07%	0.003%
44	3.417	3.406	3.425	VV	283	3066	0.10%	0.005%
45	3.479	3.425	3.516	VV	622	23000	0.77%	0.037%
46	3.531	3.516	3.536	VV	494	5081	0.17%	0.008%
47	3.540	3.536	3.544	VV	475	2311	0.08%	0.004%
48	3.548	3.544	3.564	VV	459	4701	0.16%	0.008%
49	3.568	3.564	3.573	VV	390	1809	0.06%	0.003%
50	3.577	3.573	3.585	VV	373	2590	0.09%	0.004%
51	3.592	3.585	3.609	VV	341	4594	0.15%	0.007%
52	3.614	3.609	3.625	VV	367	3073	0.10%	0.005%
53	3.629	3.625	3.649	VV	336	4450	0.15%	0.007%
54	3.692	3.649	3.721	VV	1000	23819	0.80%	0.039%
55	3.736	3.721	3.770	VV	556	11524	0.39%	0.019%
56	3.807	3.770	3.816	VV	468	10974	0.37%	0.018%
57	3.819	3.816	3.837	VV	477	5087	0.17%	0.008%
58	3.842	3.837	3.867	VV	370	5949	0.20%	0.010%
59	3.870	3.867	3.890	VV	363	4357	0.15%	0.007%
60	3.919	3.890	3.967	VV	682	19295	0.65%	0.031%
61	3.971	3.967	3.992	VV	287	3823	0.13%	0.006%
62	3.995	3.992	4.001	VV	294	1365	0.05%	0.002%
63	4.023	4.001	4.038	VV	476	7732	0.26%	0.013%
64	4.054	4.038	4.085	VV	513	9657	0.32%	0.016%
65	4.120	4.085	4.146	VV	4056	48244	1.62%	0.078%
66	4.162	4.146	4.180	VV	1420	18932	0.63%	0.031%
67	4.187	4.180	4.215	VV	773	10853	0.36%	0.018%
68	4.242	4.215	4.285	VV	561	13993	0.47%	0.023%
69	4.293	4.285	4.299	VV	245	1794	0.06%	0.003%
70	4.322	4.299	4.347	VV	699	11662	0.39%	0.019%
71	4.364	4.347	4.418	VV	454	13960	0.47%	0.023%
72	4.444	4.418	4.472	VV	354	8709	0.29%	0.014%
73	4.507	4.472	4.512	VV	317	5541	0.19%	0.009%
74	4.516	4.512	4.527	VV	326	2379	0.08%	0.004%
75	4.534	4.527	4.538	VV	287	1733	0.06%	0.003%
76	4.555	4.538	4.561	VV	338	3713	0.12%	0.006%
77	4.592	4.561	4.623	VV	213862	2164199	72.46%	3.505%
78	4.636	4.623	4.644	VV	651	6978	0.23%	0.011%
79	4.651	4.644	4.680	VV	614	9993	0.33%	0.016%
80	4.704	4.680	4.735	VV	8355	91586	3.07%	0.148%
81	4.764	4.735	4.788	VV	1523	21812	0.73%	0.035%
82	4.813	4.788	4.836	VV	2549	31975	1.07%	0.052%
83	4.841	4.836	4.847	VV	346	2011	0.07%	0.003%
84	4.852	4.847	4.863	VV	315	2769	0.09%	0.004%
85	4.880	4.863	4.892	VV	372	5518	0.18%	0.009%
86	4.899	4.892	4.930	VV	403	6596	0.22%	0.011%
87	4.937	4.930	4.941	VV	237	1347	0.05%	0.002%
88	4.963	4.941	4.995	VV	1680	22679	0.76%	0.037%
89	5.009	4.995	5.016	VV	304	3514	0.12%	0.006%

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90	5.023	5.016	5.031	VV	296	2266	0.08%	0.004%
91	5.038	5.031	5.047	VV	281	2454	0.08%	0.004%
92	5.059	5.047	5.068	VV	281	3036	0.10%	0.005%
93	5.073	5.068	5.099	VV	247	3992	0.13%	0.006%
94	5.103	5.099	5.116	VV	238	2117	0.07%	0.003%
95	5.119	5.116	5.131	VV	249	1841	0.06%	0.003%
96	5.141	5.131	5.156	VV	284	3303	0.11%	0.005%
97	5.193	5.156	5.250	VV	121179	1126997	37.73%	1.825%
98	5.270	5.250	5.295	VV	728	15419	0.52%	0.025%
99	5.302	5.295	5.324	VV	357	4927	0.16%	0.008%
100	5.339	5.324	5.384	VV	577	11631	0.39%	0.019%
101	5.413	5.384	5.465	VV	933	16885	0.57%	0.027%
102	5.485	5.465	5.490	VV	259	3211	0.11%	0.005%
103	5.495	5.490	5.511	VV	301	2888	0.10%	0.005%
104	5.535	5.511	5.557	VV	1233	15658	0.52%	0.025%
105	5.572	5.557	5.587	VV	233	3138	0.11%	0.005%
106	5.603	5.587	5.625	VV	617	8889	0.30%	0.014%
107	5.631	5.625	5.648	VV	295	3267	0.11%	0.005%
108	5.651	5.648	5.663	VV	168	1350	0.05%	0.002%
109	5.668	5.663	5.688	VV	160	2194	0.07%	0.004%
110	5.697	5.688	5.708	VV	177	1685	0.06%	0.003%
111	5.730	5.708	5.752	VV	1096	12969	0.43%	0.021%
112	5.764	5.752	5.772	VV	365	3403	0.11%	0.006%
113	5.778	5.772	5.803	VV	445	4885	0.16%	0.008%
114	5.810	5.803	5.824	VV	175	1464	0.05%	0.002%
115	5.841	5.824	5.867	VV	502	6564	0.22%	0.011%
116	5.878	5.867	5.887	VV	210	1694	0.06%	0.003%
117	5.900	5.887	5.927	VV	461	6314	0.21%	0.010%
118	5.931	5.927	5.952	VV	210	2161	0.07%	0.003%
119	5.971	5.952	5.986	VV	777	9888	0.33%	0.016%
120	5.997	5.986	6.016	VV	512	6119	0.20%	0.010%
121	6.021	6.016	6.035	VV	166	1709	0.06%	0.003%
122	6.045	6.035	6.049	VV	203	1535	0.05%	0.002%
123	6.064	6.049	6.075	VV	236	3168	0.11%	0.005%
124	6.095	6.075	6.120	VV	443	7208	0.24%	0.012%
125	6.124	6.120	6.132	VV	178	995	0.03%	0.002%
126	6.159	6.132	6.172	VV	1228	13492	0.45%	0.022%
127	6.186	6.172	6.204	VV	1761	18896	0.63%	0.031%
128	6.209	6.204	6.228	VV	344	3399	0.11%	0.006%
129	6.234	6.228	6.238	VV	127	505	0.02%	0.001%
130	6.264	6.238	6.277	VV	506	5937	0.20%	0.010%
131	6.299	6.277	6.323	VV	2652	35236	1.18%	0.057%
132	6.335	6.323	6.361	VV	425	6870	0.23%	0.011%
133	6.367	6.361	6.373	VV	170	1081	0.04%	0.002%
134	6.391	6.373	6.399	VV	361	4328	0.14%	0.007%
135	6.415	6.399	6.431	VV	1253	13626	0.46%	0.022%
136	6.452	6.431	6.465	VV	1951	22040	0.74%	0.036%
137	6.477	6.465	6.519	VV	1473	24768	0.83%	0.040%
138	6.530	6.519	6.545	VV	344	3922	0.13%	0.006%
139	6.564	6.545	6.578	VV	272	3902	0.13%	0.006%
140	6.599	6.578	6.613	VV	1045	13390	0.45%	0.022%
141	6.619	6.613	6.639	VV	667	7061	0.24%	0.011%

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142	6.650	6.639	6.655	VV	238	1824	0.06%	0.003%
143	6.671	6.655	6.689	VV	355	4755	0.16%	0.008%
144	6.693	6.689	6.704	VV	156	989	0.03%	0.002%
145	6.762	6.704	6.796	VV	226009	2280384	76.35%	3.693%
146	6.811	6.796	6.829	VV	594	7000	0.23%	0.011%
147	6.833	6.829	6.850	VV	163	1492	0.05%	0.002%
148	6.880	6.850	6.900	VV	496	8249	0.28%	0.013%
149	6.919	6.900	6.946	VV	302	4468	0.15%	0.007%
150	6.950	6.946	6.955	VV	64	250	0.01%	0.000%
151	6.959	6.955	6.964	VV	93	279	0.01%	0.000%
152	6.968	6.964	6.973	VV	132	357	0.01%	0.001%
153	6.992	6.973	7.013	VV	350	5024	0.17%	0.008%
154	7.019	7.013	7.036	VV	164	1813	0.06%	0.003%
155	7.073	7.036	7.119	VV	2370	33140	1.11%	0.054%
156	7.123	7.119	7.137	VV	76	560	0.02%	0.001%
157	7.149	7.137	7.163	VV	156	1679	0.06%	0.003%
158	7.189	7.163	7.210	VV	509	5575	0.19%	0.009%
159	7.239	7.210	7.291	VV	2288	31595	1.06%	0.051%
160	7.305	7.291	7.325	VV	374	4499	0.15%	0.007%
161	7.338	7.325	7.365	VV	225	3283	0.11%	0.005%
162	7.396	7.365	7.413	VV	529	8335	0.28%	0.013%
163	7.432	7.413	7.473	VV	865	16731	0.56%	0.027%
164	7.479	7.473	7.498	VV	387	4143	0.14%	0.007%
165	7.503	7.498	7.518	VV	130	1107	0.04%	0.002%
166	7.535	7.518	7.561	VV	410	6000	0.20%	0.010%
167	7.576	7.561	7.598	VV	322	4503	0.15%	0.007%
168	7.611	7.598	7.624	VV	326	3515	0.12%	0.006%
169	7.628	7.624	7.639	VV	195	1214	0.04%	0.002%
170	7.642	7.639	7.654	VV	90	644	0.02%	0.001%
171	7.665	7.654	7.688	VV	106	983	0.03%	0.002%
172	7.709	7.688	7.738	VV	1471	16749	0.56%	0.027%
173	7.741	7.738	7.755	VV	223	1881	0.06%	0.003%
174	7.784	7.755	7.812	VV	399	8322	0.28%	0.013%
175	7.823	7.812	7.832	VV	260	2326	0.08%	0.004%
176	7.843	7.832	7.855	VV	426	4309	0.14%	0.007%
177	7.869	7.855	7.904	VV	776	10155	0.34%	0.016%
178	7.925	7.904	7.948	PV	284	4131	0.14%	0.007%
179	7.964	7.948	7.980	VV	303	3128	0.10%	0.005%
180	7.999	7.980	8.035	VV	163	3772	0.13%	0.006%
181	8.056	8.035	8.067	VV	182	2501	0.08%	0.004%
182	8.092	8.067	8.158	VV	27292	287139	9.61%	0.465%
183	8.168	8.158	8.183	VV	429	4938	0.17%	0.008%
184	8.199	8.183	8.221	VV	354	4466	0.15%	0.007%
185	8.241	8.221	8.262	VV	295	4042	0.14%	0.007%
186	8.285	8.262	8.312	VV	601	8883	0.30%	0.014%
187	8.341	8.312	8.363	VV	531	7901	0.26%	0.013%
188	8.387	8.363	8.398	VV	332	4535	0.15%	0.007%
189	8.411	8.398	8.440	VV	535	7648	0.26%	0.012%
190	8.452	8.440	8.457	VV	171	1253	0.04%	0.002%
191	8.481	8.457	8.503	VV	481	7563	0.25%	0.012%
192	8.516	8.503	8.525	VV	267	2840	0.10%	0.005%
193	8.544	8.525	8.553	VV	362	4709	0.16%	0.008%
194	8.593	8.553	8.627	VV	229179	2416560	80.91%	3.913%

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195	8.631	8.627	8.643	VV	235	2079	0.07%	0.003%
196	8.669	8.643	8.688	VV	1525	20205	0.68%	0.033%
197	8.697	8.688	8.756	VV	800	16687	0.56%	0.027%
198	8.771	8.756	8.776	VV	253	2588	0.09%	0.004%
199	8.784	8.776	8.803	VV	273	3131	0.10%	0.005%
200	8.820	8.803	8.837	VV	329	3774	0.13%	0.006%
201	8.856	8.837	8.883	VV	2550	28908	0.97%	0.047%
202	8.907	8.883	8.935	VV	651	12731	0.43%	0.021%
203	8.956	8.935	8.984	VV	711	12280	0.41%	0.020%
204	9.001	8.984	9.015	VV	401	5456	0.18%	0.009%
205	9.030	9.015	9.056	VV	393	7641	0.26%	0.012%
206	9.067	9.056	9.086	VV	350	4375	0.15%	0.007%
207	9.091	9.086	9.109	VV	193	2142	0.07%	0.003%
208	9.131	9.109	9.162	VV	772	10270	0.34%	0.017%
209	9.189	9.162	9.209	VV	326	4677	0.16%	0.008%
210	9.217	9.209	9.233	VV	261	2466	0.08%	0.004%
211	9.240	9.233	9.258	VV	228	2603	0.09%	0.004%
212	9.275	9.258	9.309	VV	616	10781	0.36%	0.017%
213	9.341	9.309	9.347	VV	416	7024	0.24%	0.011%
214	9.364	9.347	9.394	VV	4363	49046	1.64%	0.079%
215	9.418	9.394	9.458	VV	2468	39263	1.31%	0.064%
216	9.472	9.458	9.491	VV	512	6250	0.21%	0.010%
217	9.521	9.491	9.553	VV	263	5630	0.19%	0.009%
218	9.565	9.553	9.576	VV	103	1140	0.04%	0.002%
219	9.603	9.576	9.615	VV	204	3563	0.12%	0.006%
220	9.623	9.615	9.630	VV	181	1534	0.05%	0.002%
221	9.633	9.630	9.667	VV	179	2879	0.10%	0.005%
222	9.681	9.667	9.694	VV	271	3039	0.10%	0.005%
223	9.699	9.694	9.715	VV	172	1258	0.04%	0.002%
224	9.742	9.715	9.772	VV	1889	23373	0.78%	0.038%
225	9.791	9.772	9.827	VV	728	12466	0.42%	0.020%
226	9.845	9.827	9.883	VV	408	7829	0.26%	0.013%
227	9.887	9.883	9.901	VV	136	923	0.03%	0.001%
228	9.909	9.901	9.921	VV	101	796	0.03%	0.001%
229	9.941	9.921	9.960	VV	518	5927	0.20%	0.010%
230	9.982	9.960	10.013	VV	3154	34308	1.15%	0.056%
231	10.042	10.013	10.050	VV	372	5289	0.18%	0.009%
232	10.069	10.050	10.093	VV	5183	55648	1.86%	0.090%
233	10.099	10.093	10.107	VV	261	2162	0.07%	0.004%
234	10.138	10.107	10.161	VV	921	15775	0.53%	0.026%
235	10.165	10.161	10.168	VV	219	952	0.03%	0.002%
236	10.204	10.168	10.253	VV	230216	2529555	84.69%	4.096%
237	10.270	10.253	10.290	VV	372	6479	0.22%	0.010%
238	10.303	10.290	10.326	VV	501	7279	0.24%	0.012%
239	10.357	10.326	10.395	VV	424	9090	0.30%	0.015%
240	10.398	10.395	10.403	VV	157	677	0.02%	0.001%
241	10.414	10.403	10.437	VV	189	2102	0.07%	0.003%
242	10.454	10.437	10.484	PV	453	5970	0.20%	0.010%
243	10.503	10.484	10.508	VV	152	1569	0.05%	0.003%
244	10.530	10.508	10.535	VV	260	3123	0.10%	0.005%
245	10.539	10.535	10.571	VV	323	4768	0.16%	0.008%
246	10.592	10.571	10.611	VV	351	5591	0.19%	0.009%

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247	10.630	10.611	10.657	VV	477	7875	0.26%	0.013%
248	10.674	10.657	10.702	VV	374	7061	0.24%	0.011%
249	10.707	10.702	10.713	VV	173	966	0.03%	0.002%
250	10.742	10.713	10.750	VV	404	6638	0.22%	0.011%
251	10.754	10.750	10.776	VV	340	4019	0.13%	0.007%
252	10.780	10.776	10.810	VV	236	4109	0.14%	0.007%
253	10.839	10.810	10.855	VV	437	7539	0.25%	0.012%
254	10.865	10.855	10.883	VV	319	4450	0.15%	0.007%
255	10.902	10.883	10.923	VV	612	11016	0.37%	0.018%
256	10.944	10.923	10.986	VV	1268	22395	0.75%	0.036%
257	11.019	10.986	11.059	VV	506	12834	0.43%	0.021%
258	11.094	11.059	11.157	VV	655	13247	0.44%	0.021%
259	11.195	11.157	11.208	PV	3021	34707	1.16%	0.056%
260	11.215	11.208	11.244	VV	1857	23163	0.78%	0.038%
261	11.270	11.244	11.296	VV	1239	20267	0.68%	0.033%
262	11.302	11.296	11.307	VV	259	1559	0.05%	0.003%
263	11.320	11.307	11.342	VV	466	5913	0.20%	0.010%
264	11.348	11.342	11.354	VV	108	460	0.02%	0.001%
265	11.362	11.354	11.372	VV	96	718	0.02%	0.001%
266	11.378	11.372	11.383	VV	89	506	0.02%	0.001%
267	11.405	11.383	11.412	VV	189	2364	0.08%	0.004%
268	11.452	11.412	11.472	VV	2406	35802	1.20%	0.058%
269	11.504	11.472	11.551	VV	7632	95910	3.21%	0.155%
270	11.558	11.551	11.567	VV	279	2230	0.07%	0.004%
271	11.584	11.567	11.598	VV	319	4688	0.16%	0.008%
272	11.651	11.598	11.695	VV	228014	2603348	87.16%	4.216%
273	11.724	11.695	11.756	VV	782	15826	0.53%	0.026%
274	11.775	11.756	11.795	VV	650	8785	0.29%	0.014%
275	11.805	11.795	11.829	VV	298	3699	0.12%	0.006%
276	11.842	11.829	11.861	VV	313	3602	0.12%	0.006%
277	11.903	11.861	11.937	VV	1629	28894	0.97%	0.047%
278	11.960	11.937	11.985	VV	513	9653	0.32%	0.016%
279	12.005	11.985	12.017	VV	571	6706	0.22%	0.011%
280	12.035	12.017	12.057	VV	773	13149	0.44%	0.021%
281	12.087	12.057	12.102	VV	795	16699	0.56%	0.027%
282	12.132	12.102	12.163	VV	1008	23589	0.79%	0.038%
283	12.180	12.163	12.227	VV	807	15581	0.52%	0.025%
284	12.255	12.227	12.266	VV	372	5498	0.18%	0.009%
285	12.283	12.266	12.294	VV	582	7690	0.26%	0.012%
286	12.320	12.294	12.354	VV	1197	24752	0.83%	0.040%
287	12.373	12.354	12.384	VV	467	6941	0.23%	0.011%
288	12.412	12.384	12.445	VV	1716	31026	1.04%	0.050%
289	12.481	12.445	12.519	VV	867	24111	0.81%	0.039%
290	12.531	12.519	12.538	VV	418	3885	0.13%	0.006%
291	12.568	12.538	12.640	VV	80111	988137	33.08%	1.600%
292	12.678	12.640	12.699	VV	2485	51815	1.73%	0.084%
293	12.721	12.699	12.759	VV	2114	43590	1.46%	0.071%
294	12.784	12.759	12.830	VV	2502	49504	1.66%	0.080%
295	12.855	12.830	12.874	VV	1260	24059	0.81%	0.039%
296	12.897	12.874	12.928	VV	3234	51183	1.71%	0.083%
297	12.965	12.928	13.000	VV	213033	2566637	85.93%	4.156%
298	13.022	13.000	13.033	VV	5619	74117	2.48%	0.120%
299	13.046	13.033	13.073	VV	6280	82667	2.77%	0.134%

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300	13.091	13.073	13.107	VV	873	11681	0.39%	0.019%
301	13.123	13.107	13.143	VV	1103	17251	0.58%	0.028%
302	13.154	13.143	13.176	VV	845	11755	0.39%	0.019%
303	13.200	13.176	13.212	VV	887	13932	0.47%	0.023%
304	13.220	13.212	13.243	VV	814	11214	0.38%	0.018%
305	13.264	13.243	13.292	VV	1028	18605	0.62%	0.030%
306	13.316	13.292	13.335	VV	4462	53637	1.80%	0.087%
307	13.356	13.335	13.377	VV	8039	103193	3.45%	0.167%
308	13.383	13.377	13.435	VV	2260	42185	1.41%	0.068%
309	13.462	13.435	13.479	VV	606	12700	0.43%	0.021%
310	13.493	13.479	13.498	VV	481	4674	0.16%	0.008%
311	13.500	13.498	13.505	VV	453	1895	0.06%	0.003%
312	13.519	13.505	13.538	VV	614	8838	0.30%	0.014%
313	13.586	13.538	13.613	VV	3663	74499	2.49%	0.121%
314	13.639	13.613	13.704	VV	3568	91545	3.06%	0.148%
315	13.708	13.704	13.714	VV	814	4625	0.15%	0.007%
316	13.724	13.714	13.738	VV	816	11060	0.37%	0.018%
317	13.800	13.738	13.843	VV	23398	360380	12.07%	0.584%
318	13.847	13.843	13.875	VV	1351	18322	0.61%	0.030%
319	13.912	13.875	13.941	VV	1245	34271	1.15%	0.055%
320	13.965	13.941	13.978	VV	784	14358	0.48%	0.023%
321	14.025	13.978	14.077	VV	189751	2124716	71.14%	3.441%
322	14.114	14.077	14.130	VV	1184	23323	0.78%	0.038%
323	14.165	14.130	14.204	VV	205777	2534664	84.86%	4.104%
324	14.225	14.204	14.245	VV	983	15929	0.53%	0.026%
325	14.255	14.245	14.260	VV	354	2879	0.10%	0.005%
326	14.285	14.260	14.289	VV	415	6056	0.20%	0.010%
327	14.293	14.289	14.308	VV	405	4314	0.14%	0.007%
328	14.315	14.308	14.333	VV	402	4970	0.17%	0.008%
329	14.369	14.333	14.385	VV	1323	25088	0.84%	0.041%
330	14.394	14.385	14.456	VV	1030	25672	0.86%	0.042%
331	14.460	14.456	14.465	VV	263	1185	0.04%	0.002%
332	14.480	14.465	14.496	VV	318	4864	0.16%	0.008%
333	14.528	14.496	14.547	VV	767	15099	0.51%	0.024%
334	14.587	14.547	14.652	VV	1621	63770	2.13%	0.103%
335	14.666	14.652	14.695	VV	662	13842	0.46%	0.022%
336	14.725	14.695	14.750	VV	4948	80333	2.69%	0.130%
337	14.766	14.750	14.795	VV	1847	38098	1.28%	0.062%
338	14.813	14.795	14.853	VV	1798	43777	1.47%	0.071%
339	14.888	14.853	14.920	VV	2087	44462	1.49%	0.072%
340	14.945	14.920	14.976	VV	1726	32668	1.09%	0.053%
341	14.985	14.976	14.995	VV	630	6506	0.22%	0.011%
342	15.026	14.995	15.038	VV	7474	102660	3.44%	0.166%
343	15.066	15.038	15.130	VV	120527	1687474	56.50%	2.733%
344	15.185	15.130	15.220	VV	26196	460898	15.43%	0.746%
345	15.270	15.220	15.302	VV	194406	2613705	87.51%	4.232%
346	15.315	15.302	15.342	VV	2330	35725	1.20%	0.058%
347	15.362	15.342	15.389	VV	1233	23725	0.79%	0.038%
348	15.404	15.389	15.422	VV	648	10565	0.35%	0.017%
349	15.454	15.422	15.486	VV	3634	58924	1.97%	0.095%
350	15.494	15.486	15.532	VV	671	14785	0.49%	0.024%
351	15.550	15.532	15.578	VV	648	12642	0.42%	0.020%

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352	15.583	15.578	15.598	VV	301	3394	0.11%	0.005%
353	15.602	15.598	15.605	VV	335	1230	0.04%	0.002%
354	15.613	15.605	15.621	VV	325	3045	0.10%	0.005%
355	15.651	15.621	15.768	VV	41235	834239	27.93%	1.351%
356	15.791	15.768	15.824	VV	4627	77197	2.58%	0.125%
357	15.867	15.824	15.900	VV	4833	82700	2.77%	0.134%
358	15.915	15.900	15.941	VV	678	13110	0.44%	0.021%
359	15.954	15.941	15.984	VV	560	10295	0.34%	0.017%
360	16.012	15.984	16.022	VV	1176	18433	0.62%	0.030%
361	16.034	16.022	16.071	VV	1331	23501	0.79%	0.038%
362	16.086	16.071	16.096	VV	401	5226	0.17%	0.008%
363	16.119	16.096	16.138	VV	676	11876	0.40%	0.019%
364	16.168	16.138	16.173	VV	611	9276	0.31%	0.015%
365	16.198	16.173	16.232	VV	1143	29940	1.00%	0.048%
366	16.295	16.232	16.331	VV	176131	2461669	82.42%	3.986%
367	16.355	16.331	16.391	VV	647	11591	0.39%	0.019%
368	16.398	16.391	16.405	VV	175	1110	0.04%	0.002%
369	16.407	16.405	16.421	VV	171	1229	0.04%	0.002%
370	16.426	16.421	16.442	VV	106	774	0.03%	0.001%
371	16.447	16.442	16.455	VV	15	79	0.00%	0.000%
372	16.487	16.455	16.493	PV	243	3330	0.11%	0.005%
373	16.499	16.493	16.530	VV	244	4179	0.14%	0.007%
374	16.548	16.530	16.565	VV	241	3305	0.11%	0.005%
375	16.593	16.565	16.623	VV	351	7268	0.24%	0.012%
376	16.635	16.623	16.639	VV	246	1825	0.06%	0.003%
377	16.677	16.639	16.718	VV	2878	79085	2.65%	0.128%
378	16.761	16.718	16.769	VV	7732	129046	4.32%	0.209%
379	16.779	16.769	16.828	VV	8254	114402	3.83%	0.185%
380	16.855	16.828	16.872	VV	1000	15288	0.51%	0.025%
381	16.892	16.872	16.946	VV	1685	32224	1.08%	0.052%
382	16.951	16.946	16.966	VV	198	1393	0.05%	0.002%
383	17.017	16.966	17.036	VV	185	4582	0.15%	0.007%
384	17.080	17.036	17.106	VV	4989	73300	2.45%	0.119%
385	17.136	17.106	17.184	VV	7270	105998	3.55%	0.172%
386	17.246	17.184	17.278	VV	173991	2394089	80.15%	3.877%
387	17.298	17.278	17.307	VV	2141	27919	0.93%	0.045%
388	17.322	17.307	17.351	VV	2824	41257	1.38%	0.067%
389	17.375	17.351	17.408	VV	508	10819	0.36%	0.018%
390	17.413	17.408	17.423	VV	153	1060	0.04%	0.002%
391	17.438	17.423	17.458	VV	248	3082	0.10%	0.005%
392	17.513	17.458	17.557	VV	765	23863	0.80%	0.039%
393	17.585	17.557	17.591	VV	894	11442	0.38%	0.019%
394	17.619	17.591	17.668	VV	3795	115482	3.87%	0.187%
395	17.696	17.668	17.751	VV	11815	189941	6.36%	0.308%
396	17.782	17.751	17.824	VV	1341	34290	1.15%	0.056%
397	17.839	17.824	17.883	VV	451	8904	0.30%	0.014%
398	17.913	17.883	17.943	VV	555	9136	0.31%	0.015%
399	17.946	17.943	17.950	VV	77	198	0.01%	0.000%
400	17.981	17.950	18.000	PV	365	5937	0.20%	0.010%
401	18.024	18.000	18.050	VV	853	13531	0.45%	0.022%
402	18.135	18.050	18.172	VV	174335	2452475	82.11%	3.971%
403	18.181	18.172	18.191	VV	877	9789	0.33%	0.016%
404	18.222	18.191	18.256	VV	10001	155270	5.20%	0.251%

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405	18.259	18.256	18.281	VV	579	7782	0.26%	0.013%
406	18.307	18.281	18.335	VV	1156	29962	1.00%	0.049%
407	18.363	18.335	18.389	VV	2114	45804	1.53%	0.074%
408	18.414	18.389	18.434	VV	2465	43792	1.47%	0.071%
409	18.457	18.434	18.465	VV	2296	32870	1.10%	0.053%
410	18.493	18.465	18.531	VV	32658	643159	21.53%	1.041%
411	18.557	18.531	18.621	VV	24582	470303	15.75%	0.762%
412	18.644	18.621	18.653	VV	2041	33906	1.14%	0.055%
413	18.672	18.653	18.732	VV	2368	67666	2.27%	0.110%
414	18.761	18.732	18.787	VV	5865	79398	2.66%	0.129%
415	18.823	18.787	18.842	VV	1338	30176	1.01%	0.049%
416	18.851	18.842	18.869	VV	927	13314	0.45%	0.022%
417	18.892	18.869	18.916	VV	2365	38463	1.29%	0.062%
418	18.970	18.916	19.033	VV	170402	2623506	87.83%	4.248%
419	19.068	19.033	19.111	VV	9203	158490	5.31%	0.257%
420	19.126	19.111	19.156	VV	1128	26635	0.89%	0.043%
421	19.197	19.156	19.207	VV	1642	39444	1.32%	0.064%
422	19.227	19.207	19.261	VV	2191	58361	1.95%	0.095%
423	19.268	19.261	19.289	VV	1601	23184	0.78%	0.038%
424	19.328	19.289	19.347	VV	16090	304828	10.21%	0.494%
425	19.367	19.347	19.423	VV	20804	445569	14.92%	0.722%
426	19.453	19.423	19.477	VV	4695	123763	4.14%	0.200%
427	19.498	19.477	19.524	VV	5964	111119	3.72%	0.180%
428	19.545	19.524	19.583	VV	3194	79036	2.65%	0.128%
429	19.616	19.583	19.641	VV	3754	89194	2.99%	0.144%
430	19.658	19.641	19.701	VV	2813	61214	2.05%	0.099%
431	19.755	19.701	19.791	VV	167743	2602858	87.14%	4.215%
432	19.811	19.791	19.830	VV	3617	70015	2.34%	0.113%
433	19.861	19.830	19.892	VV	8210	162559	5.44%	0.263%
434	19.921	19.892	19.958	VV	4172	96588	3.23%	0.156%
435	19.990	19.958	20.019	VV	2861	78860	2.64%	0.128%
436	20.040	20.019	20.055	VV	2201	42492	1.42%	0.069%
437	20.070	20.055	20.079	VV	1884	25927	0.87%	0.042%
438	20.128	20.079	20.193	VV	10081	324411	10.86%	0.525%
439	20.201	20.193	20.236	VV	2092	47662	1.60%	0.077%
440	20.281	20.236	20.287	VV	3189	71355	2.39%	0.116%
441	20.298	20.287	20.320	VV	3426	58904	1.97%	0.095%
442	20.361	20.320	20.427	VV	3404	171912	5.76%	0.278%
443	20.442	20.427	20.445	VV	1917	20372	0.68%	0.033%
444	20.497	20.445	20.575	VV	169403	2692652	90.15%	4.360%
445	20.613	20.575	20.629	VV	3686	88430	2.96%	0.143%
446	20.656	20.629	20.693	VV	4536	114137	3.82%	0.185%
447	20.721	20.693	20.745	VV	2094	58512	1.96%	0.095%
448	20.764	20.745	20.777	VV	2135	39268	1.31%	0.064%
449	20.807	20.777	20.820	VV	1980	50236	1.68%	0.081%
450	20.855	20.820	20.921	VV	5079	178117	5.96%	0.288%
451	20.927	20.921	20.930	VV	2138	11527	0.39%	0.019%
452	20.934	20.930	20.937	VV	2130	9493	0.32%	0.015%
453	20.963	20.937	20.986	VV	2263	63937	2.14%	0.104%
454	21.021	20.986	21.029	VV	2419	58818	1.97%	0.095%
455	21.035	21.029	21.067	VV	2395	49418	1.65%	0.080%
456	21.071	21.067	21.086	VV	1994	22022	0.74%	0.036%

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457	21.098	21.086	21.111	VV	1939	28732	0.96%	0.047%
458	21.158	21.111	21.171	VV	2401	78769	2.64%	0.128%
459	21.248	21.171	21.358	VV	160721	2954678	98.92%	4.785%
460	21.365	21.358	21.378	VV	1414	16444	0.55%	0.027%
461	21.405	21.378	21.471	VV	1429	69243	2.32%	0.112%
462	21.476	21.471	21.502	VV	1096	19586	0.66%	0.032%
463	21.518	21.502	21.523	VV	1090	12651	0.42%	0.020%
464	21.529	21.523	21.539	VV	1098	10496	0.35%	0.017%
465	21.547	21.539	21.559	VV	1091	12587	0.42%	0.020%
466	21.599	21.559	21.611	VV	1124	33703	1.13%	0.055%
467	21.616	21.611	21.641	VV	1024	16315	0.55%	0.026%
468	21.688	21.641	21.727	VV	2619	83882	2.81%	0.136%
469	21.732	21.727	21.759	VV	1042	17591	0.59%	0.028%
470	21.763	21.759	21.783	VV	807	10052	0.34%	0.016%
471	21.817	21.783	21.831	VV	615	16806	0.56%	0.027%
472	21.860	21.831	21.886	VV	693	19132	0.64%	0.031%
473	21.926	21.886	21.956	VV	671	23569	0.79%	0.038%
474	21.960	21.956	21.968	VV	436	2840	0.10%	0.005%
475	21.998	21.968	22.029	VV	722	20202	0.68%	0.033%
476	22.052	22.029	22.057	VV	464	7595	0.25%	0.012%
477	22.079	22.057	22.110	VV	553	14724	0.49%	0.024%
478	22.191	22.110	22.301	VBA	118775	2986879	100.00%	4.837%
					Sum of corrected areas:	61754053		

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