

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102822\
 Data File : FG011053.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2022 13:50
 Sample : N5261-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102722.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.620	1.598	1.649	BV	2447	52399	2.55%	0.061%
2	1.651	1.649	1.656	VV	1479	5707	0.28%	0.007%
3	1.668	1.656	1.681	VV	1620	23153	1.13%	0.027%
4	1.686	1.681	1.716	VV	1510	29444	1.43%	0.034%
5	1.721	1.716	1.726	VV	1333	7937	0.39%	0.009%
6	1.743	1.726	1.798	VV	2226	67864	3.30%	0.079%
7	1.803	1.798	1.808	VV	1214	7189	0.35%	0.008%
8	1.823	1.808	1.848	VV	1249	27858	1.36%	0.032%
9	1.852	1.848	1.871	VV	1177	15369	0.75%	0.018%
10	1.875	1.871	1.886	VV	1055	8960	0.44%	0.010%
11	1.891	1.886	1.897	VV	1001	6401	0.31%	0.007%
12	1.941	1.897	1.992	VV	2580	80109	3.90%	0.093%
13	1.997	1.992	2.000	VV	1094	5380	0.26%	0.006%
14	2.018	2.000	2.052	VV	2620	50520	2.46%	0.059%
15	2.061	2.052	2.079	VV	1219	18527	0.90%	0.021%
16	2.103	2.079	2.113	VV	1299	24732	1.20%	0.029%
17	2.124	2.113	2.129	VV	1306	11966	0.58%	0.014%
18	2.143	2.129	2.160	VV	1340	23837	1.16%	0.028%
19	2.170	2.160	2.191	VV	1287	22967	1.12%	0.027%
20	2.195	2.191	2.200	VV	1210	6542	0.32%	0.008%
21	2.207	2.200	2.217	VV	1231	11829	0.58%	0.014%
22	2.224	2.217	2.231	VV	1244	9955	0.48%	0.012%
23	2.237	2.231	2.249	VV	1197	12254	0.60%	0.014%
24	2.254	2.249	2.281	VV	1169	21542	1.05%	0.025%
25	2.307	2.281	2.322	VV	1158	26442	1.29%	0.031%
26	2.327	2.322	2.339	VV	1041	10138	0.49%	0.012%
27	2.344	2.339	2.352	VV	951	7285	0.35%	0.008%
28	2.358	2.352	2.373	VV	927	11158	0.54%	0.013%
29	2.378	2.373	2.389	VV	872	7803	0.38%	0.009%
30	2.420	2.389	2.465	VV	1418	48827	2.38%	0.057%
31	2.492	2.465	2.519	VV	1125	30933	1.51%	0.036%
32	2.524	2.519	2.554	VV	902	18120	0.88%	0.021%
33	2.563	2.554	2.579	VV	866	12453	0.61%	0.014%
34	2.584	2.579	2.596	VV	814	8012	0.39%	0.009%
35	2.647	2.596	2.662	VV	1086	38414	1.87%	0.045%
36	2.683	2.662	2.712	VV	1264	32973	1.61%	0.038%

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37	2.735	2.712	2.776	VV	1206	40584	1.98%	0.047%
38	2.781	2.776	2.815	VV	935	20207	0.98%	0.023%
39	2.824	2.815	2.828	VV	790	5921	0.29%	0.007%
40	2.840	2.828	2.845	VV	881	8161	0.40%	0.009%
41	2.875	2.845	2.894	VV	975	26215	1.28%	0.030%
42	2.898	2.894	2.902	VV	907	4532	0.22%	0.005%
43	2.908	2.902	2.914	VV	857	5846	0.28%	0.007%
44	2.927	2.914	2.973	VV	1216	35054	1.71%	0.041%
45	2.990	2.973	3.022	VV	977	25900	1.26%	0.030%
46	3.026	3.022	3.038	VV	815	7426	0.36%	0.009%
47	3.066	3.038	3.079	VV	962	20945	1.02%	0.024%
48	3.083	3.079	3.097	VV	885	9172	0.45%	0.011%
49	3.107	3.097	3.126	VV	941	15406	0.75%	0.018%
50	3.134	3.126	3.146	VV	829	9504	0.46%	0.011%
51	3.153	3.146	3.159	VV	790	6058	0.29%	0.007%
52	3.175	3.159	3.181	VV	840	10148	0.49%	0.012%
53	3.185	3.181	3.190	VV	816	4432	0.22%	0.005%
54	3.212	3.190	3.245	VV	925	26890	1.31%	0.031%
55	3.248	3.245	3.258	VV	770	5708	0.28%	0.007%
56	3.262	3.258	3.268	VV	733	4302	0.21%	0.005%
57	3.271	3.268	3.276	VV	728	3174	0.15%	0.004%
58	3.311	3.276	3.317	VV	864	19694	0.96%	0.023%
59	3.323	3.317	3.365	VV	851	21783	1.06%	0.025%
60	3.377	3.365	3.395	VV	751	12655	0.62%	0.015%
61	3.442	3.395	3.460	VV	1210	34502	1.68%	0.040%
62	3.462	3.460	3.481	VV	987	11547	0.56%	0.013%
63	3.489	3.481	3.499	VV	912	9622	0.47%	0.011%
64	3.515	3.499	3.527	VV	887	14433	0.70%	0.017%
65	3.553	3.527	3.566	VV	958	20441	1.00%	0.024%
66	3.577	3.566	3.591	VV	942	13357	0.65%	0.015%
67	3.595	3.591	3.600	VV	887	4716	0.23%	0.005%
68	3.611	3.600	3.629	VV	888	13724	0.67%	0.016%
69	3.635	3.629	3.642	VV	768	5211	0.25%	0.006%
70	3.648	3.642	3.653	VV	712	4741	0.23%	0.005%
71	3.671	3.653	3.697	VV	864	19763	0.96%	0.023%
72	3.708	3.697	3.733	VV	681	13353	0.65%	0.015%
73	3.736	3.733	3.740	VV	669	3034	0.15%	0.004%
74	3.749	3.740	3.754	VV	680	5143	0.25%	0.006%
75	3.757	3.754	3.761	VV	640	2632	0.13%	0.003%
76	3.764	3.761	3.767	VV	651	2272	0.11%	0.003%
77	3.790	3.767	3.817	VV	831	22247	1.08%	0.026%
78	3.821	3.817	3.829	VV	728	5129	0.25%	0.006%
79	3.852	3.829	3.860	VV	938	15411	0.75%	0.018%
80	3.864	3.860	3.868	VV	933	4163	0.20%	0.005%
81	3.892	3.868	3.940	VV	1133	42293	2.06%	0.049%
82	3.970	3.940	3.987	VV	1117	27105	1.32%	0.031%
83	3.994	3.987	4.000	VV	917	7390	0.36%	0.009%
84	4.022	4.000	4.055	VV	1333	35409	1.72%	0.041%
85	4.069	4.055	4.101	VV	1082	25169	1.23%	0.029%
86	4.116	4.101	4.152	VV	826	22572	1.10%	0.026%
87	4.177	4.152	4.182	VV	692	11624	0.57%	0.013%
88	4.187	4.182	4.194	VV	692	4636	0.23%	0.005%
89	4.198	4.194	4.214	VV	641	7212	0.35%	0.008%

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90	4.217	4.214	4.225	VV	608	3899	0.19%	0.005%
91	4.251	4.225	4.270	VV	1098	21140	1.03%	0.025%
92	4.281	4.270	4.303	VV	802	13553	0.66%	0.016%
93	4.324	4.303	4.340	VV	796	14762	0.72%	0.017%
94	4.358	4.340	4.378	VV	881	16594	0.81%	0.019%
95	4.387	4.378	4.404	VV	752	11116	0.54%	0.013%
96	4.423	4.404	4.502	VV	2597	69910	3.40%	0.081%
97	4.507	4.502	4.524	VV	732	8826	0.43%	0.010%
98	4.531	4.524	4.549	VV	749	10642	0.52%	0.012%
99	4.567	4.549	4.625	VV	932	30477	1.48%	0.035%
100	4.666	4.625	4.690	VV	806	25155	1.22%	0.029%
101	4.729	4.690	4.765	VV	773	29986	1.46%	0.035%
102	4.770	4.765	4.790	VV	622	8362	0.41%	0.010%
103	4.798	4.790	4.815	VV	569	7519	0.37%	0.009%
104	4.819	4.815	4.822	VV	505	2015	0.10%	0.002%
105	4.831	4.822	4.867	VV	508	11505	0.56%	0.013%
106	4.893	4.867	4.899	VV	467	7799	0.38%	0.009%
107	4.911	4.899	4.917	VV	521	5237	0.26%	0.006%
108	4.922	4.917	4.947	VV	504	7498	0.37%	0.009%
109	4.964	4.947	4.969	VV	455	5353	0.26%	0.006%
110	4.976	4.969	4.985	VV	388	3443	0.17%	0.004%
111	5.014	4.985	5.019	VV	595	9252	0.45%	0.011%
112	5.040	5.019	5.055	VV	561	11212	0.55%	0.013%
113	5.072	5.055	5.077	VV	621	6802	0.33%	0.008%
114	5.081	5.077	5.094	VV	601	5712	0.28%	0.007%
115	5.105	5.094	5.113	VV	539	5423	0.26%	0.006%
116	5.133	5.113	5.149	VV	483	9233	0.45%	0.011%
117	5.155	5.149	5.178	VV	373	5673	0.28%	0.007%
118	5.205	5.178	5.259	VV	1733	43696	2.13%	0.051%
119	5.271	5.259	5.309	VV	614	13734	0.67%	0.016%
120	5.329	5.309	5.339	VV	504	7564	0.37%	0.009%
121	5.343	5.339	5.355	VV	388	3134	0.15%	0.004%
122	5.396	5.355	5.443	VV	842	24757	1.21%	0.029%
123	5.448	5.443	5.466	VV	315	3909	0.19%	0.005%
124	5.484	5.466	5.496	VV	694	8657	0.42%	0.010%
125	5.509	5.496	5.554	VV	698	16788	0.82%	0.019%
126	5.557	5.554	5.573	VV	635	4034	0.20%	0.005%
127	5.577	5.573	5.599	VV	320	4225	0.21%	0.005%
128	5.612	5.599	5.633	VV	365	6651	0.32%	0.008%
129	5.638	5.633	5.644	VV	325	1895	0.09%	0.002%
130	5.665	5.644	5.681	VV	495	7944	0.39%	0.009%
131	5.700	5.681	5.715	VV	485	7110	0.35%	0.008%
132	5.733	5.715	5.752	VV	324	6155	0.30%	0.007%
133	5.764	5.752	5.797	VV	277	5470	0.27%	0.006%
134	5.804	5.797	5.815	VV	141	1233	0.06%	0.001%
135	5.819	5.815	5.823	VV	148	503	0.02%	0.001%
136	5.839	5.823	5.857	VV	203	3540	0.17%	0.004%
137	5.873	5.857	5.889	VV	359	5201	0.25%	0.006%
138	5.895	5.889	5.902	VV	205	1368	0.07%	0.002%
139	5.914	5.902	5.937	VV	238	3594	0.18%	0.004%
140	5.962	5.937	6.012	VV	586	18399	0.90%	0.021%
141	6.032	6.012	6.063	VV	536	13847	0.67%	0.016%

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142	6.073	6.063	6.083	VV	500	5092	0.25%	0.006%
143	6.087	6.083	6.099	VV	407	3284	0.16%	0.004%
144	6.115	6.099	6.127	VV	430	6456	0.31%	0.007%
145	6.157	6.127	6.192	VV	1343	24484	1.19%	0.028%
146	6.230	6.192	6.249	VV	330	9245	0.45%	0.011%
147	6.275	6.249	6.305	VV	860	17727	0.86%	0.021%
148	6.316	6.305	6.360	VV	545	12636	0.62%	0.015%
149	6.372	6.360	6.398	VV	447	6896	0.34%	0.008%
150	6.433	6.398	6.470	VV	792	16972	0.83%	0.020%
151	6.499	6.470	6.528	VV	483	10771	0.52%	0.012%
152	6.561	6.528	6.573	VV	359	6475	0.32%	0.008%
153	6.583	6.573	6.625	VV	445	8586	0.42%	0.010%
154	6.632	6.625	6.647	VV	181	1806	0.09%	0.002%
155	6.658	6.647	6.692	VV	185	3820	0.19%	0.004%
156	6.714	6.692	6.725	VV	133	2054	0.10%	0.002%
157	6.753	6.725	6.759	VV	211	2919	0.14%	0.003%
158	6.763	6.759	6.791	VV	197	2413	0.12%	0.003%
159	6.798	6.791	6.805	PV	58	386	0.02%	0.000%
160	6.826	6.805	6.860	VV	203	4341	0.21%	0.005%
161	6.878	6.860	6.894	VV	252	3105	0.15%	0.004%
162	6.913	6.894	6.918	VV	160	1682	0.08%	0.002%
163	6.922	6.918	6.929	VV	147	856	0.04%	0.001%
164	6.951	6.929	6.979	VV	556	12152	0.59%	0.014%
165	6.982	6.979	6.993	VV	419	3192	0.16%	0.004%
166	7.004	6.993	7.019	VV	414	5425	0.26%	0.006%
167	7.024	7.019	7.037	VV	321	3074	0.15%	0.004%
168	7.057	7.037	7.085	VV	538	12247	0.60%	0.014%
169	7.108	7.085	7.129	VV	598	12263	0.60%	0.014%
170	7.150	7.129	7.176	VV	808	13937	0.68%	0.016%
171	7.207	7.176	7.231	VV	386	9181	0.45%	0.011%
172	7.254	7.231	7.270	VV	737	12082	0.59%	0.014%
173	7.281	7.270	7.316	VV	453	9268	0.45%	0.011%
174	7.323	7.316	7.337	VV	400	4099	0.20%	0.005%
175	7.342	7.337	7.362	VV	344	4538	0.22%	0.005%
176	7.380	7.362	7.417	VV	1281	18329	0.89%	0.021%
177	7.423	7.417	7.439	VV	242	2322	0.11%	0.003%
178	7.500	7.439	7.503	VV	323	7580	0.37%	0.009%
179	7.507	7.503	7.524	VV	337	2956	0.14%	0.003%
180	7.539	7.524	7.543	VV	254	2564	0.12%	0.003%
181	7.550	7.543	7.576	VV	295	2850	0.14%	0.003%
182	7.597	7.576	7.602	VV	179	1374	0.07%	0.002%
183	7.607	7.602	7.617	VV	132	792	0.04%	0.001%
184	7.647	7.617	7.688	VV	424	7011	0.34%	0.008%
185	7.711	7.688	7.718	PV	190	1916	0.09%	0.002%
186	7.743	7.718	7.780	VV	218	4284	0.21%	0.005%
187	7.824	7.780	7.852	VV	736	18356	0.89%	0.021%
188	7.863	7.852	7.885	VV	462	6341	0.31%	0.007%
189	7.908	7.885	7.924	VV	435	6489	0.32%	0.008%
190	7.955	7.924	7.988	VV	514	12751	0.62%	0.015%
191	8.007	7.988	8.025	VV	479	7585	0.37%	0.009%
192	8.044	8.025	8.057	VV	316	5013	0.24%	0.006%
193	8.080	8.057	8.100	VV	983	12802	0.62%	0.015%
194	8.114	8.100	8.127	VV	327	3503	0.17%	0.004%

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195	8.162	8.127	8.214	VV	1207	32873	1.60%	0.038%
196	8.261	8.214	8.291	VV	2891	54602	2.66%	0.063%
197	8.297	8.291	8.327	VV	637	10985	0.53%	0.013%
198	8.351	8.327	8.381	VV	1735	34784	1.69%	0.040%
199	8.395	8.381	8.424	VV	1173	22252	1.08%	0.026%
200	8.428	8.424	8.450	VV	625	7723	0.38%	0.009%
201	8.457	8.450	8.461	VV	357	2314	0.11%	0.003%
202	8.466	8.461	8.475	VV	368	2787	0.14%	0.003%
203	8.500	8.475	8.537	VV	534	10609	0.52%	0.012%
204	8.545	8.537	8.552	PV	86	404	0.02%	0.000%
205	8.558	8.552	8.579	VV	64	680	0.03%	0.001%
206	8.609	8.579	8.629	PV	1011	17501	0.85%	0.020%
207	8.647	8.629	8.669	VV	1240	22057	1.07%	0.026%
208	8.691	8.669	8.733	VV	1297	35021	1.71%	0.041%
209	8.737	8.733	8.740	VV	662	2997	0.15%	0.003%
210	8.757	8.740	8.780	VV	1286	22508	1.10%	0.026%
211	8.800	8.780	8.840	VV	2031	36358	1.77%	0.042%
212	8.859	8.840	8.880	VV	945	14991	0.73%	0.017%
213	8.889	8.880	8.901	VV	494	5410	0.26%	0.006%
214	8.925	8.901	8.938	VV	542	10625	0.52%	0.012%
215	9.004	8.938	9.050	VV	1773	54307	2.64%	0.063%
216	9.057	9.050	9.065	VV	305	2428	0.12%	0.003%
217	9.088	9.065	9.134	VV	2607	44120	2.15%	0.051%
218	9.166	9.134	9.185	VV	373	7962	0.39%	0.009%
219	9.214	9.185	9.237	VV	407	6594	0.32%	0.008%
220	9.303	9.237	9.337	PV	466	13759	0.67%	0.016%
221	9.370	9.337	9.385	VV	356	5142	0.25%	0.006%
222	9.443	9.385	9.490	VV	2315	69656	3.39%	0.081%
223	9.527	9.490	9.565	VV	870	30887	1.50%	0.036%
224	9.593	9.565	9.622	VV	915	20308	0.99%	0.024%
225	9.630	9.622	9.635	VV	474	3183	0.15%	0.004%
226	9.644	9.635	9.675	VV	530	6974	0.34%	0.008%
227	9.697	9.675	9.746	VV	917	16673	0.81%	0.019%
228	9.803	9.746	9.845	PV	1581	43409	2.11%	0.050%
229	9.868	9.845	9.900	VV	3291	48881	2.38%	0.057%
230	9.918	9.900	9.928	VV	621	8729	0.43%	0.010%
231	9.941	9.928	9.945	VV	573	5508	0.27%	0.006%
232	9.950	9.945	9.990	VV	565	10123	0.49%	0.012%
233	10.020	9.990	10.029	VV	417	6659	0.32%	0.008%
234	10.035	10.029	10.057	VV	419	3496	0.17%	0.004%
235	10.060	10.057	10.065	VV	78	253	0.01%	0.000%
236	10.095	10.065	10.121	PV	322	5586	0.27%	0.006%
237	10.143	10.121	10.156	PV	213	2739	0.13%	0.003%
238	10.184	10.156	10.204	VV	808	13691	0.67%	0.016%
239	10.208	10.204	10.219	VV	631	5292	0.26%	0.006%
240	10.259	10.219	10.278	VV	2031	40663	1.98%	0.047%
241	10.296	10.278	10.300	VV	1084	13280	0.65%	0.015%
242	10.304	10.300	10.317	VV	1022	7967	0.39%	0.009%
243	10.322	10.317	10.326	VV	716	3822	0.19%	0.004%
244	10.330	10.326	10.335	VV	731	3700	0.18%	0.004%
245	10.351	10.335	10.380	VV	840	17129	0.83%	0.020%
246	10.397	10.380	10.419	VV	888	13058	0.64%	0.015%

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247	10.449	10.419	10.464	VV	715	12711	0.62%	0.015%
248	10.493	10.464	10.501	VV	796	13103	0.64%	0.015%
249	10.532	10.501	10.547	VV	1317	26891	1.31%	0.031%
250	10.563	10.547	10.585	VV	2233	36187	1.76%	0.042%
251	10.608	10.585	10.631	VV	3832	57590	2.80%	0.067%
252	10.678	10.631	10.727	VV	3600	88876	4.33%	0.103%
253	10.735	10.727	10.758	VV	500	6297	0.31%	0.007%
254	10.784	10.758	10.788	VV	492	4746	0.23%	0.006%
255	10.794	10.788	10.802	VV	545	3792	0.18%	0.004%
256	10.837	10.802	10.880	VV	15719	241877	11.78%	0.281%
257	10.918	10.880	10.966	VV	4177	127504	6.21%	0.148%
258	11.001	10.966	11.037	VV	1480	43473	2.12%	0.050%
259	11.042	11.037	11.048	VV	340	1941	0.09%	0.002%
260	11.065	11.048	11.097	VV	517	9784	0.48%	0.011%
261	11.168	11.097	11.197	VV	1381	40845	1.99%	0.047%
262	11.244	11.197	11.260	VV	1045	25981	1.27%	0.030%
263	11.282	11.260	11.292	VV	1349	16746	0.82%	0.019%
264	11.310	11.292	11.325	VV	3378	44393	2.16%	0.051%
265	11.338	11.325	11.370	VV	3224	49286	2.40%	0.057%
266	11.394	11.370	11.430	VV	3809	70552	3.44%	0.082%
267	11.444	11.430	11.470	VV	465	6752	0.33%	0.008%
268	11.498	11.470	11.520	VV	1545	21489	1.05%	0.025%
269	11.554	11.520	11.568	VV	1874	24182	1.18%	0.028%
270	11.581	11.568	11.612	VV	1814	34588	1.68%	0.040%
271	11.619	11.612	11.626	VV	866	6393	0.31%	0.007%
272	11.645	11.626	11.658	VV	2191	28740	1.40%	0.033%
273	11.675	11.658	11.726	VV	2749	62023	3.02%	0.072%
274	11.751	11.726	11.773	VV	4289	59353	2.89%	0.069%
275	11.788	11.773	11.806	VV	2492	36310	1.77%	0.042%
276	11.825	11.806	11.850	VV	2583	42385	2.06%	0.049%
277	11.856	11.850	11.877	VV	632	6585	0.32%	0.008%
278	11.898	11.877	11.907	PV	594	7005	0.34%	0.008%
279	11.919	11.907	11.931	VV	642	7221	0.35%	0.008%
280	11.980	11.931	12.007	VV	3108	70056	3.41%	0.081%
281	12.034	12.007	12.057	VV	4321	76114	3.71%	0.088%
282	12.089	12.057	12.107	VV	2742	59843	2.91%	0.069%
283	12.119	12.107	12.139	VV	2096	32602	1.59%	0.038%
284	12.144	12.139	12.155	VV	1451	10953	0.53%	0.013%
285	12.163	12.155	12.180	VV	887	11995	0.58%	0.014%
286	12.189	12.180	12.210	VV	813	11057	0.54%	0.013%
287	12.238	12.210	12.304	VV	52088	734860	35.78%	0.852%
288	12.307	12.304	12.310	VV	1223	4635	0.23%	0.005%
289	12.314	12.310	12.330	VV	1239	11539	0.56%	0.013%
290	12.346	12.330	12.357	VV	1257	15448	0.75%	0.018%
291	12.367	12.357	12.412	VV	1247	25438	1.24%	0.030%
292	12.445	12.412	12.472	PV	1446	30065	1.46%	0.035%
293	12.538	12.472	12.568	VV	3400	100190	4.88%	0.116%
294	12.577	12.568	12.584	VV	1587	13669	0.67%	0.016%
295	12.592	12.584	12.600	VV	1586	14034	0.68%	0.016%
296	12.619	12.600	12.630	VV	4072	51094	2.49%	0.059%
297	12.650	12.630	12.736	VV	52252	714457	34.79%	0.829%
298	12.763	12.736	12.777	VV	970	15943	0.78%	0.018%
299	12.791	12.777	12.815	VV	1001	14965	0.73%	0.017%

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300	12.835	12.815	12.863	VV	1653	32491	1.58%	0.038%
301	12.893	12.863	12.912	VV	1455	32790	1.60%	0.038%
302	12.946	12.912	12.971	VV	43485	538420	26.22%	0.625%
303	12.982	12.971	12.996	VV	6155	73718	3.59%	0.086%
304	13.006	12.996	13.029	VV	4850	66654	3.25%	0.077%
305	13.047	13.029	13.071	VV	3193	53909	2.63%	0.063%
306	13.075	13.071	13.084	VV	1104	6706	0.33%	0.008%
307	13.110	13.084	13.120	VV	2026	32952	1.60%	0.038%
308	13.131	13.120	13.154	VV	2483	35075	1.71%	0.041%
309	13.170	13.154	13.175	VV	1075	13056	0.64%	0.015%
310	13.179	13.175	13.208	VV	1033	7606	0.37%	0.009%
311	13.245	13.208	13.275	PV	5721	123872	6.03%	0.144%
312	13.302	13.275	13.327	VV	3040	67902	3.31%	0.079%
313	13.357	13.327	13.390	VV	1994	50872	2.48%	0.059%
314	13.417	13.390	13.441	VV	2664	46621	2.27%	0.054%
315	13.468	13.441	13.506	VV	16437	224063	10.91%	0.260%
316	13.546	13.506	13.597	VV	6104	130706	6.36%	0.152%
317	13.618	13.597	13.629	VV	1041	11413	0.56%	0.013%
318	13.656	13.629	13.674	VV	3766	52107	2.54%	0.060%
319	13.689	13.674	13.707	VV	3618	48412	2.36%	0.056%
320	13.724	13.707	13.750	VV	2366	45255	2.20%	0.052%
321	13.782	13.750	13.788	VV	2935	38261	1.86%	0.044%
322	13.791	13.788	13.800	VV	2542	17561	0.86%	0.020%
323	13.819	13.800	13.845	VV	5886	104625	5.09%	0.121%
324	13.857	13.845	13.887	VV	3524	54137	2.64%	0.063%
325	13.895	13.887	13.915	VV	1008	10632	0.52%	0.012%
326	13.953	13.915	13.976	PV	1150	21802	1.06%	0.025%
327	13.980	13.976	13.985	VV	414	1945	0.09%	0.002%
328	13.999	13.985	14.028	VV	1062	14550	0.71%	0.017%
329	14.048	14.028	14.054	VV	1131	12738	0.62%	0.015%
330	14.059	14.054	14.069	VV	944	7561	0.37%	0.009%
331	14.080	14.069	14.094	VV	1133	11349	0.55%	0.013%
332	14.103	14.094	14.110	PV	517	3233	0.16%	0.004%
333	14.117	14.110	14.122	VV	509	2363	0.12%	0.003%
334	14.142	14.122	14.161	VV	628	8335	0.41%	0.010%
335	14.180	14.161	14.196	PV	1452	19665	0.96%	0.023%
336	14.200	14.196	14.211	VV	1094	6902	0.34%	0.008%
337	14.214	14.211	14.218	VV	754	3000	0.15%	0.003%
338	14.242	14.218	14.247	VV	2298	23492	1.14%	0.027%
339	14.300	14.247	14.325	VV	4480	136692	6.66%	0.159%
340	14.336	14.325	14.356	VV	1661	23425	1.14%	0.027%
341	14.386	14.356	14.407	VV	5033	90200	4.39%	0.105%
342	14.413	14.407	14.438	VV	2521	32886	1.60%	0.038%
343	14.462	14.438	14.493	VV	5089	97285	4.74%	0.113%
344	14.518	14.493	14.545	VV	7697	113808	5.54%	0.132%
345	14.608	14.545	14.628	VV	4495	110976	5.40%	0.129%
346	14.633	14.628	14.639	VV	2413	13508	0.66%	0.016%
347	14.644	14.639	14.665	VV	1854	22651	1.10%	0.026%
348	14.671	14.665	14.682	VV	1181	9395	0.46%	0.011%
349	14.723	14.682	14.771	VV	140694	2014209	98.08%	2.336%
350	14.832	14.771	14.852	VV	20319	320832	15.62%	0.372%
351	14.873	14.852	14.913	VV	27402	499784	24.34%	0.580%

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352	14.927	14.913	14.949	VV	5370	84427	4.11%	0.098%
353	14.972	14.949	14.978	VV	4502	58075	2.83%	0.067%
354	14.989	14.978	15.013	VV	5715	89791	4.37%	0.104%
355	15.019	15.013	15.052	VV	3251	55545	2.70%	0.064%
356	15.071	15.052	15.092	VV	2106	32106	1.56%	0.037%
357	15.112	15.092	15.130	PV	1533	18895	0.92%	0.022%
358	15.177	15.130	15.197	VV	3619	88341	4.30%	0.102%
359	15.216	15.197	15.245	VV	4473	71725	3.49%	0.083%
360	15.286	15.245	15.299	VV	1516	38701	1.88%	0.045%
361	15.350	15.299	15.424	VV	27099	840206	40.91%	0.975%
362	15.452	15.424	15.474	VV	9799	167543	8.16%	0.194%
363	15.495	15.474	15.535	VV	11223	247817	12.07%	0.287%
364	15.543	15.535	15.574	VV	4345	61750	3.01%	0.072%
365	15.582	15.574	15.609	VV	1770	25484	1.24%	0.030%
366	15.650	15.609	15.657	VV	3668	56939	2.77%	0.066%
367	15.663	15.657	15.666	VV	3376	16032	0.78%	0.019%
368	15.675	15.666	15.681	VV	3444	29466	1.43%	0.034%
369	15.684	15.681	15.718	VV	3082	37112	1.81%	0.043%
370	15.742	15.718	15.779	PV	2473	51813	2.52%	0.060%
371	15.788	15.779	15.791	VV	928	6050	0.29%	0.007%
372	15.796	15.791	15.799	VV	1461	4689	0.23%	0.005%
373	15.802	15.799	15.807	VV	1200	4156	0.20%	0.005%
374	15.835	15.807	15.853	VV	3522	57700	2.81%	0.067%
375	15.864	15.853	15.868	VV	1881	13083	0.64%	0.015%
376	15.891	15.868	15.902	VV	2530	40318	1.96%	0.047%
377	15.948	15.902	15.967	VV	6334	138028	6.72%	0.160%
378	15.977	15.967	15.982	VV	2117	16257	0.79%	0.019%
379	16.004	15.982	16.032	VV	3604	65803	3.20%	0.076%
380	16.043	16.032	16.068	VV	819	7310	0.36%	0.008%
381	16.072	16.068	16.080	PV	582	2406	0.12%	0.003%
382	16.118	16.080	16.139	VV	4072	77308	3.76%	0.090%
383	16.150	16.139	16.169	VV	2280	32159	1.57%	0.037%
384	16.195	16.169	16.223	VV	4736	104357	5.08%	0.121%
385	16.229	16.223	16.237	VV	4330	27559	1.34%	0.032%
386	16.254	16.237	16.259	VV	5175	54143	2.64%	0.063%
387	16.263	16.259	16.277	VV	4702	36663	1.79%	0.043%
388	16.308	16.277	16.340	VV	4831	125944	6.13%	0.146%
389	16.392	16.340	16.415	VV	45328	909331	44.28%	1.055%
390	16.428	16.415	16.470	VV	21699	377461	18.38%	0.438%
391	16.524	16.470	16.529	VV	11672	245090	11.93%	0.284%
392	16.560	16.529	16.621	VV	124641	2053617	100.00%	2.382%
393	16.627	16.621	16.645	VV	5568	70817	3.45%	0.082%
394	16.659	16.645	16.665	VV	5695	58714	2.86%	0.068%
395	16.713	16.665	16.749	VV	26878	634612	30.90%	0.736%
396	16.774	16.749	16.826	VV	25962	560155	27.28%	0.650%
397	16.893	16.826	16.919	VV	16445	562458	27.39%	0.652%
398	16.949	16.919	16.963	VV	9735	228264	11.12%	0.265%
399	16.977	16.963	17.010	VV	11870	232779	11.34%	0.270%
400	17.059	17.010	17.070	VV	8567	235726	11.48%	0.273%
401	17.074	17.070	17.079	VV	7744	43966	2.14%	0.051%
402	17.100	17.079	17.106	VV	10755	145182	7.07%	0.168%
403	17.109	17.106	17.132	VV	9136	120793	5.88%	0.140%
404	17.139	17.132	17.148	VV	8476	75592	3.68%	0.088%

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405	17.175	17.148	17.200	VV	10193	266213	12.96%	0.309%
406	17.207	17.200	17.217	VV	7355	68780	3.35%	0.080%
407	17.230	17.217	17.242	VV	7375	98172	4.78%	0.114%
408	17.270	17.242	17.290	VV	13645	282876	13.77%	0.328%
409	17.315	17.290	17.327	VV	17305	306779	14.94%	0.356%
410	17.351	17.327	17.388	VV	24952	595158	28.98%	0.690%
411	17.397	17.388	17.402	VV	9680	74753	3.64%	0.087%
412	17.407	17.402	17.413	VV	8939	56073	2.73%	0.065%
413	17.435	17.413	17.470	VV	13269	343240	16.71%	0.398%
414	17.492	17.470	17.507	VV	12022	216155	10.53%	0.251%
415	17.510	17.507	17.531	VV	11649	125966	6.13%	0.146%
416	17.537	17.531	17.545	VV	7711	57648	2.81%	0.067%
417	17.561	17.545	17.574	VV	7512	114652	5.58%	0.133%
418	17.597	17.574	17.617	VV	10241	191535	9.33%	0.222%
419	17.629	17.617	17.636	VV	8400	82467	4.02%	0.096%
420	17.663	17.636	17.685	VV	12942	289073	14.08%	0.335%
421	17.698	17.685	17.712	VV	9165	125771	6.12%	0.146%
422	17.739	17.712	17.747	VV	16039	261222	12.72%	0.303%
423	17.756	17.747	17.776	VV	17620	276993	13.49%	0.321%
424	17.789	17.776	17.812	VV	16943	298177	14.52%	0.346%
425	17.816	17.812	17.823	VV	8461	53733	2.62%	0.062%
426	17.838	17.823	17.848	VV	9476	120336	5.86%	0.140%
427	17.878	17.848	17.908	VV	20446	528578	25.74%	0.613%
428	17.912	17.908	17.916	VV	14884	74814	3.64%	0.087%
429	17.947	17.916	17.952	VV	15400	311009	15.14%	0.361%
430	17.956	17.952	17.975	VV	15044	175202	8.53%	0.203%
431	17.990	17.975	18.024	VV	15734	335209	16.32%	0.389%
432	18.084	18.024	18.101	VV	20577	643225	31.32%	0.746%
433	18.105	18.101	18.119	VV	14755	138161	6.73%	0.160%
434	18.159	18.119	18.177	VV	26721	666316	32.45%	0.773%
435	18.216	18.177	18.249	VV	48527	1344448	65.47%	1.559%
436	18.261	18.249	18.280	VV	19232	312105	15.20%	0.362%
437	18.303	18.280	18.319	VV	17488	341147	16.61%	0.396%
438	18.324	18.319	18.339	VV	15608	181625	8.84%	0.211%
439	18.344	18.339	18.362	VV	15380	193117	9.40%	0.224%
440	18.371	18.362	18.377	VV	12174	104560	5.09%	0.121%
441	18.410	18.377	18.441	VV	27383	688722	33.54%	0.799%
442	18.445	18.441	18.469	VV	13070	191600	9.33%	0.222%
443	18.487	18.469	18.500	VV	14736	241689	11.77%	0.280%
444	18.521	18.500	18.536	VV	12730	249984	12.17%	0.290%
445	18.559	18.536	18.564	VV	15146	228460	11.12%	0.265%
446	18.567	18.564	18.582	VV	14445	139827	6.81%	0.162%
447	18.621	18.582	18.660	VV	23062	832471	40.54%	0.966%
448	18.665	18.660	18.674	VV	17046	132848	6.47%	0.154%
449	18.688	18.674	18.702	VV	18533	263425	12.83%	0.306%
450	18.728	18.702	18.740	VV	26003	476953	23.23%	0.553%
451	18.747	18.740	18.772	VV	23252	402522	19.60%	0.467%
452	18.775	18.772	18.798	VV	20339	259878	12.65%	0.301%
453	18.812	18.798	18.832	VV	14923	271040	13.20%	0.314%
454	18.839	18.832	18.848	VV	16061	148026	7.21%	0.172%
455	18.868	18.848	18.878	VV	18881	305874	14.89%	0.355%
456	18.883	18.878	18.889	VV	19435	111833	5.45%	0.130%

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457	18.893	18.889	18.898	VV	16867	93121	4.53%	0.108%
458	18.909	18.898	18.922	VV	19294	251262	12.24%	0.291%
459	18.934	18.922	18.944	VV	20522	236961	11.54%	0.275%
460	18.949	18.944	18.956	VV	17204	120784	5.88%	0.140%
461	19.023	18.956	19.077	VV	40217	1999230	97.35%	2.319%
462	19.084	19.077	19.095	VV	25178	248737	12.11%	0.289%
463	19.113	19.095	19.127	VV	27545	456606	22.23%	0.530%
464	19.133	19.127	19.153	VV	24066	314646	15.32%	0.365%
465	19.179	19.153	19.184	VV	20676	362450	17.65%	0.420%
466	19.201	19.184	19.234	VV	23853	634750	30.91%	0.736%
467	19.244	19.234	19.264	VV	23610	368592	17.95%	0.428%
468	19.283	19.264	19.293	VV	24937	393132	19.14%	0.456%
469	19.300	19.293	19.315	VV	22040	270406	13.17%	0.314%
470	19.329	19.315	19.344	VV	22688	356465	17.36%	0.413%
471	19.363	19.344	19.368	VV	20725	279857	13.63%	0.325%
472	19.410	19.368	19.425	VV	34594	899359	43.79%	1.043%
473	19.441	19.425	19.475	VV	34088	847900	41.29%	0.984%
474	19.519	19.475	19.540	VV	33739	1064078	51.81%	1.234%
475	19.561	19.540	19.567	VV	31887	476459	23.20%	0.553%
476	19.571	19.567	19.582	VV	29738	246545	12.01%	0.286%
477	19.589	19.582	19.620	VV	30635	634832	30.91%	0.736%
478	19.638	19.620	19.653	VV	30858	562690	27.40%	0.653%
479	19.666	19.653	19.688	VV	31407	622578	30.32%	0.722%
480	19.717	19.688	19.739	VV	37581	1002478	48.82%	1.163%
481	19.742	19.739	19.749	VV	30620	177642	8.65%	0.206%
482	19.755	19.749	19.761	VV	30583	212778	10.36%	0.247%
483	19.764	19.761	19.770	VV	28944	153032	7.45%	0.178%
484	19.788	19.770	19.797	VV	36609	537422	26.17%	0.623%
485	19.802	19.797	19.814	VV	37361	360088	17.53%	0.418%
486	19.822	19.814	19.828	VV	33943	280899	13.68%	0.326%
487	19.833	19.828	19.850	VV	33832	397133	19.34%	0.461%
488	19.878	19.850	19.897	VV	31916	825725	40.21%	0.958%
489	19.909	19.897	19.914	VV	35096	328473	15.99%	0.381%
490	19.918	19.914	19.924	VV	34675	204883	9.98%	0.238%
491	19.940	19.924	19.950	VV	34061	519457	25.29%	0.603%
492	19.965	19.950	19.976	VV	36090	524843	25.56%	0.609%
493	20.017	19.976	20.026	VV	39759	1078903	52.54%	1.251%
494	20.030	20.026	20.040	VV	37389	300134	14.61%	0.348%
495	20.046	20.040	20.050	VV	37148	211606	10.30%	0.245%
496	20.056	20.050	20.072	VV	36983	470886	22.93%	0.546%
497	20.078	20.072	20.098	VV	35759	535718	26.09%	0.621%
498	20.115	20.098	20.121	VV	36877	484719	23.60%	0.562%
499	20.125	20.121	20.132	VV	37243	240498	11.71%	0.279%
500	20.138	20.132	20.141	VV	35967	176833	8.61%	0.205%
501	20.154	20.141	20.165	VV	43070	583494	28.41%	0.677%
502	20.182	20.165	20.198	VV	42403	757255	36.87%	0.878%
503	20.206	20.198	20.235	VV	40809	841647	40.98%	0.976%
504	20.252	20.235	20.266	VV	39645	676190	32.93%	0.784%
505	20.293	20.266	20.318	VV	44644	1307229	63.65%	1.516%
506	20.325	20.318	20.330	VV	43852	298918	14.56%	0.347%
507	20.334	20.330	20.340	VV	41963	231051	11.25%	0.268%
508	20.352	20.340	20.365	VV	42649	624181	30.39%	0.724%
509	20.374	20.365	20.378	VV	39121	291807	14.21%	0.338%

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510	20.387	20.378	20.392	VV	43811	350591	17.07%	0.407%
511	20.399	20.392	20.409	VV	42563	414018	20.16%	0.480%
512	20.415	20.409	20.421	VV	40445	284573	13.86%	0.330%
513	20.439	20.421	20.444	VV	43671	566596	27.59%	0.657%
514	20.460	20.444	20.465	VV	42531	515499	25.10%	0.598%
515	20.481	20.465	20.489	VV	41907	574659	27.98%	0.667%
516	20.520	20.489	20.543	VV	48087	1447259	70.47%	1.679%
517	20.549	20.543	20.553	VV	43223	248923	12.12%	0.289%
518	20.560	20.553	20.562	VV	46219	235675	11.48%	0.273%
519	20.566	20.562	20.573	VV	46785	300296	14.62%	0.348%
520	20.605	20.573	20.611	VV	48311	1005882	48.98%	1.167%
521	20.615	20.611	20.620	VV	45854	246003	11.98%	0.285%
522	20.631	20.620	20.639	VV	48079	501336	24.41%	0.582%
523	20.643	20.639	20.649	VV	44231	252198	12.28%	0.293%
524	20.662	20.649	20.667	VV	48338	511663	24.92%	0.594%
525	20.674	20.667	20.692	VV	48380	690037	33.60%	0.800%
526	20.696	20.692	20.706	VV	47447	375813	18.30%	0.436%
527	20.711	20.706	20.730	VV	48845	653797	31.84%	0.758%
528	20.744	20.730	20.765	VV	48195	927462	45.16%	1.076%
529	20.771	20.765	20.774	VV	43653	234681	11.43%	0.272%
530	20.778	20.774	20.799	VV	44253	634586	30.90%	0.736%
531	20.803	20.799	20.809	VV	42783	269331	13.11%	0.312%
532	20.815	20.809	20.822	VV	41315	305796	14.89%	0.355%
533	20.827	20.822	20.847	VV	42209	591729	28.81%	0.686%
534	20.860	20.847	20.880	VV	46714	831089	40.47%	0.964%
535	20.886	20.880	20.894	VV	41336	327103	15.93%	0.379%
536	20.920	20.894	20.937	VV	40073	954402	46.47%	1.107%
537	20.963	20.937	20.984	VV	38378	1013743	49.36%	1.176%
538	20.994	20.984	21.006	VV	35045	441622	21.50%	0.512%
539	21.016	21.006	21.023	VV	36023	350473	17.07%	0.407%
540	21.035	21.023	21.055	VV	34638	611342	29.77%	0.709%
541	21.059	21.055	21.062	VV	32004	145640	7.09%	0.169%
542	21.065	21.062	21.078	VV	32029	273229	13.30%	0.317%
543	21.082	21.078	21.091	VV	30328	228458	11.12%	0.265%
544	21.096	21.091	21.099	VV	30353	143184	6.97%	0.166%
545	21.106	21.099	21.117	VV	32846	320945	15.63%	0.372%
546	21.123	21.117	21.134	VV	30182	299993	14.61%	0.348%
547	21.139	21.134	21.149	VV	29641	242412	11.80%	0.281%
548	21.155	21.149	21.169	VV	29922	332073	16.17%	0.385%
549	21.186	21.169	21.191	VV	30547	384466	18.72%	0.446%
550	21.194	21.191	21.220	VV	30201	446342	21.73%	0.518%
551	21.236	21.220	21.243	VV	27967	349171	17.00%	0.405%
552	21.248	21.243	21.270	VV	29635	396816	19.32%	0.460%
553	21.276	21.270	21.290	VV	23811	261681	12.74%	0.304%
554	21.297	21.290	21.304	VV	21572	171174	8.34%	0.199%
555	21.307	21.304	21.318	VV	24014	180222	8.78%	0.209%
556	21.324	21.318	21.330	VV	19951	138909	6.76%	0.161%
557	21.352	21.330	21.359	VV	18491	301567	14.68%	0.350%
558	21.364	21.359	21.370	VV	18483	119199	5.80%	0.138%
559	21.378	21.370	21.404	VV	19904	336852	16.40%	0.391%
560	21.414	21.404	21.425	VV	16677	188770	9.19%	0.219%
561	21.430	21.425	21.437	VV	16338	107533	5.24%	0.125%

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562	21.442	21.437	21.468	VV	15862	252458	12.29%	0.293%
563	21.484	21.468	21.490	VV	14409	171526	8.35%	0.199%
564	21.493	21.490	21.499	VV	12071	61312	2.99%	0.071%
565	21.507	21.499	21.540	VV	13829	258024	12.56%	0.299%
566	21.550	21.540	21.581	VV	11575	230770	11.24%	0.268%
567	21.587	21.581	21.596	VV	8728	65788	3.20%	0.076%
568	21.601	21.596	21.604	VV	7503	35058	1.71%	0.041%
569	21.610	21.604	21.620	VV	8323	67855	3.30%	0.079%
570	21.626	21.620	21.634	VV	7633	56315	2.74%	0.065%
571	21.644	21.634	21.653	VV	7399	62350	3.04%	0.072%
572	21.666	21.653	21.672	VV	9824	94243	4.59%	0.109%
573	21.676	21.672	21.694	VV	9003	94614	4.61%	0.110%
574	21.698	21.694	21.718	VV	6520	53216	2.59%	0.062%
575	21.724	21.718	21.729	PV	2080	6915	0.34%	0.008%
576	21.741	21.729	21.746	PV	2685	11719	0.57%	0.014%
					Sum of corrected areas:	86210823		

FG102722.M Thu Oct 27 14:55:16 2022