

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081823\
 Data File : FG012724.D
 Signal(s) : FID1A.ch
 Acq On : 18 Aug 2023 15:56
 Sample : 04054-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.627	1.600	1.641	BV	2477	25498	0.95%	0.040%
2	1.650	1.641	1.662	VV	1007	10346	0.38%	0.016%
3	1.676	1.662	1.713	VV	2139	28592	1.06%	0.045%
4	1.733	1.713	1.754	VV	691	12694	0.47%	0.020%
5	1.767	1.754	1.780	VV	623	7940	0.30%	0.012%
6	1.783	1.780	1.794	VV	471	3737	0.14%	0.006%
7	1.805	1.794	1.818	VV	436	5614	0.21%	0.009%
8	1.848	1.818	1.880	VV	1442	27874	1.04%	0.044%
9	1.884	1.880	1.898	VV	545	5491	0.20%	0.009%
10	1.911	1.898	1.950	VV	853	16842	0.63%	0.026%
11	1.967	1.950	1.971	VV	484	5127	0.19%	0.008%
12	1.974	1.971	2.002	VV	491	7110	0.26%	0.011%
13	2.011	2.002	2.016	VV	342	2730	0.10%	0.004%
14	2.029	2.016	2.041	VV	346	4787	0.18%	0.007%
15	2.059	2.041	2.072	VV	479	6959	0.26%	0.011%
16	2.078	2.072	2.084	VV	382	2648	0.10%	0.004%
17	2.093	2.084	2.119	VV	417	7176	0.27%	0.011%
18	2.124	2.119	2.142	VV	348	3910	0.15%	0.006%
19	2.148	2.142	2.186	VV	342	7734	0.29%	0.012%
20	2.191	2.186	2.199	VV	305	2085	0.08%	0.003%
21	2.213	2.199	2.228	VV	338	4561	0.17%	0.007%
22	2.255	2.228	2.272	VV	384	8031	0.30%	0.013%
23	2.281	2.272	2.294	VV	970	9871	0.37%	0.015%
24	2.298	2.294	2.332	VV	735	11252	0.42%	0.018%
25	2.352	2.332	2.356	VV	355	4268	0.16%	0.007%
26	2.370	2.356	2.408	VV	1596	22477	0.84%	0.035%
27	2.431	2.408	2.466	VV	665	14528	0.54%	0.023%
28	2.472	2.466	2.480	VV	231	1869	0.07%	0.003%
29	2.483	2.480	2.493	VV	271	1821	0.07%	0.003%
30	2.507	2.493	2.527	VV	331	5602	0.21%	0.009%
31	2.531	2.527	2.535	VV	263	1208	0.04%	0.002%
32	2.548	2.535	2.564	VV	312	4550	0.17%	0.007%
33	2.567	2.564	2.573	VV	265	1239	0.05%	0.002%
34	2.579	2.573	2.594	VV	248	2754	0.10%	0.004%
35	2.608	2.594	2.621	VV	248	3378	0.13%	0.005%
36	2.631	2.621	2.638	VV	244	1999	0.07%	0.003%

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37	2.651	2.638	2.678	VV	425	7160	0.27%	0.011%
38	2.684	2.678	2.689	VV	196	1233	0.05%	0.002%
39	2.694	2.689	2.698	VV	218	1033	0.04%	0.002%
40	2.707	2.698	2.713	VV	284	1809	0.07%	0.003%
41	2.767	2.713	2.803	VV	438	13969	0.52%	0.022%
42	2.808	2.803	2.813	VV	236	1374	0.05%	0.002%
43	2.820	2.813	2.824	VV	246	1443	0.05%	0.002%
44	2.828	2.824	2.840	VV	242	2207	0.08%	0.003%
45	2.848	2.840	2.860	VV	297	3270	0.12%	0.005%
46	2.884	2.860	2.906	VV	531	11472	0.43%	0.018%
47	2.930	2.906	2.944	VV	603	10599	0.39%	0.017%
48	2.962	2.944	2.970	VV	536	6967	0.26%	0.011%
49	2.979	2.970	2.998	VV	486	7064	0.26%	0.011%
50	3.033	2.998	3.053	VV	570	14480	0.54%	0.023%
51	3.080	3.053	3.114	VV	702	16484	0.61%	0.026%
52	3.125	3.114	3.139	VV	386	5296	0.20%	0.008%
53	3.147	3.139	3.157	VV	408	3813	0.14%	0.006%
54	3.162	3.157	3.174	VV	387	3665	0.14%	0.006%
55	3.180	3.174	3.185	VV	373	2279	0.08%	0.004%
56	3.209	3.185	3.227	VV	645	13034	0.48%	0.020%
57	3.231	3.227	3.240	VV	472	3796	0.14%	0.006%
58	3.248	3.240	3.280	VV	556	11152	0.41%	0.017%
59	3.297	3.280	3.307	VV	477	7128	0.26%	0.011%
60	3.314	3.307	3.319	VV	513	3677	0.14%	0.006%
61	3.324	3.319	3.332	VV	529	3817	0.14%	0.006%
62	3.348	3.332	3.393	VV	595	16253	0.60%	0.025%
63	3.397	3.393	3.408	VV	296	2498	0.09%	0.004%
64	3.413	3.408	3.422	VV	314	2336	0.09%	0.004%
65	3.431	3.422	3.466	VV	503	10078	0.37%	0.016%
66	3.470	3.466	3.482	VV	366	3244	0.12%	0.005%
67	3.487	3.482	3.500	VV	297	2752	0.10%	0.004%
68	3.514	3.500	3.519	VV	313	3250	0.12%	0.005%
69	3.531	3.519	3.556	VV	335	6340	0.24%	0.010%
70	3.560	3.556	3.565	VV	256	1360	0.05%	0.002%
71	3.573	3.565	3.583	VV	312	2834	0.11%	0.004%
72	3.586	3.583	3.600	VV	301	2683	0.10%	0.004%
73	3.624	3.600	3.659	VV	975	18707	0.70%	0.029%
74	3.688	3.659	3.713	VV	681	14457	0.54%	0.023%
75	3.718	3.713	3.723	VV	372	1962	0.07%	0.003%
76	3.728	3.723	3.733	VV	373	2142	0.08%	0.003%
77	3.737	3.733	3.759	VV	369	5253	0.20%	0.008%
78	3.792	3.759	3.814	VV	539	11797	0.44%	0.018%
79	3.817	3.814	3.822	VV	304	1367	0.05%	0.002%
80	3.831	3.822	3.837	VV	335	2410	0.09%	0.004%
81	3.842	3.837	3.853	VV	293	2591	0.10%	0.004%
82	3.860	3.853	3.872	VV	293	2708	0.10%	0.004%
83	3.877	3.872	3.882	VV	244	1383	0.05%	0.002%
84	3.901	3.882	3.906	VV	291	3784	0.14%	0.006%
85	3.920	3.906	3.943	VV	375	7075	0.26%	0.011%
86	3.953	3.943	3.968	VV	330	3992	0.15%	0.006%
87	3.987	3.968	4.007	VV	288	5175	0.19%	0.008%
88	4.013	4.007	4.016	VV	228	1165	0.04%	0.002%
89	4.023	4.016	4.035	VV	258	2621	0.10%	0.004%

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90	4.036	4.035	4.041	VV	234	726	0.03%	0.001%
91	4.053	4.041	4.058	VV	382	3069	0.11%	0.005%
92	4.064	4.058	4.083	VV	378	4417	0.16%	0.007%
93	4.088	4.083	4.094	VV	257	1566	0.06%	0.002%
94	4.098	4.094	4.110	VV	222	2050	0.08%	0.003%
95	4.129	4.110	4.136	VV	504	6330	0.24%	0.010%
96	4.172	4.136	4.219	VV	1890	40640	1.51%	0.064%
97	4.236	4.219	4.256	VV	469	8484	0.32%	0.013%
98	4.258	4.256	4.270	VV	373	2541	0.09%	0.004%
99	4.272	4.270	4.284	VV	271	2127	0.08%	0.003%
100	4.320	4.284	4.353	VV	5285	67485	2.51%	0.105%
101	4.365	4.353	4.400	VV	857	15526	0.58%	0.024%
102	4.408	4.400	4.416	VV	319	2733	0.10%	0.004%
103	4.434	4.416	4.478	VV	626	13950	0.52%	0.022%
104	4.482	4.478	4.491	VV	281	1926	0.07%	0.003%
105	4.495	4.491	4.517	VV	307	3691	0.14%	0.006%
106	4.522	4.517	4.526	VV	287	1369	0.05%	0.002%
107	4.533	4.526	4.538	VV	340	2151	0.08%	0.003%
108	4.542	4.538	4.558	VV	328	3710	0.14%	0.006%
109	4.571	4.558	4.581	VV	457	5237	0.19%	0.008%
110	4.600	4.581	4.615	VV	669	9536	0.35%	0.015%
111	4.638	4.615	4.654	VV	555	8932	0.33%	0.014%
112	4.672	4.654	4.696	VV	519	10009	0.37%	0.016%
113	4.710	4.696	4.722	VV	355	4783	0.18%	0.007%
114	4.730	4.722	4.738	VV	311	2697	0.10%	0.004%
115	4.766	4.738	4.790	VV	1485	23513	0.87%	0.037%
116	4.802	4.790	4.815	VV	361	4608	0.17%	0.007%
117	4.828	4.815	4.839	VV	508	5740	0.21%	0.009%
118	4.849	4.839	4.869	VV	386	5946	0.22%	0.009%
119	4.883	4.869	4.899	VV	343	5267	0.20%	0.008%
120	4.920	4.899	4.924	VV	380	4747	0.18%	0.007%
121	4.969	4.924	4.997	VV	752	22702	0.84%	0.035%
122	5.026	4.997	5.051	VV	940	22535	0.84%	0.035%
123	5.096	5.051	5.127	VV	948	32157	1.20%	0.050%
124	5.130	5.127	5.135	VV	335	1492	0.06%	0.002%
125	5.150	5.135	5.172	VV	522	8288	0.31%	0.013%
126	5.196	5.172	5.213	VV	349	7276	0.27%	0.011%
127	5.222	5.213	5.226	VV	294	1989	0.07%	0.003%
128	5.235	5.226	5.251	VV	317	4190	0.16%	0.007%
129	5.257	5.251	5.266	VV	339	2626	0.10%	0.004%
130	5.286	5.266	5.330	VV	991	18095	0.67%	0.028%
131	5.358	5.330	5.374	VV	305	5829	0.22%	0.009%
132	5.383	5.374	5.389	VV	280	2120	0.08%	0.003%
133	5.393	5.389	5.397	VV	278	1149	0.04%	0.002%
134	5.417	5.397	5.445	VV	617	9885	0.37%	0.015%
135	5.459	5.445	5.465	VV	311	2950	0.11%	0.005%
136	5.482	5.465	5.495	VV	303	4389	0.16%	0.007%
137	5.499	5.495	5.525	VV	230	3232	0.12%	0.005%
138	5.543	5.525	5.567	VV	1143	13957	0.52%	0.022%
139	5.580	5.567	5.590	VV	304	3297	0.12%	0.005%
140	5.611	5.590	5.633	VV	297	5452	0.20%	0.009%
141	5.640	5.633	5.645	VV	162	1087	0.04%	0.002%

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142	5.662	5.645	5.666	VV	229	2490	0.09%	0.004%
143	5.677	5.666	5.684	VV	249	2236	0.08%	0.003%
144	5.690	5.684	5.724	VV	221	3715	0.14%	0.006%
145	5.739	5.724	5.743	VV	299	2448	0.09%	0.004%
146	5.761	5.743	5.779	VV	457	7499	0.28%	0.012%
147	5.794	5.779	5.823	VV	725	9759	0.36%	0.015%
148	5.840	5.823	5.887	VV	821	14472	0.54%	0.023%
149	5.891	5.887	5.895	VV	222	930	0.03%	0.001%
150	5.911	5.895	5.918	VV	254	3191	0.12%	0.005%
151	5.926	5.918	5.947	VV	286	4297	0.16%	0.007%
152	6.000	5.947	6.025	VV	598	18323	0.68%	0.029%
153	6.053	6.025	6.080	VV	376	9916	0.37%	0.015%
154	6.090	6.080	6.095	VV	304	2501	0.09%	0.004%
155	6.110	6.095	6.129	VV	410	6499	0.24%	0.010%
156	6.133	6.129	6.143	VV	307	2115	0.08%	0.003%
157	6.147	6.143	6.160	VV	257	2347	0.09%	0.004%
158	6.197	6.160	6.235	VV	800	18412	0.68%	0.029%
159	6.271	6.235	6.287	VV	466	9496	0.35%	0.015%
160	6.309	6.287	6.350	VV	7540	99168	3.69%	0.155%
161	6.357	6.350	6.376	VV	440	5415	0.20%	0.008%
162	6.389	6.376	6.412	VV	416	6080	0.23%	0.010%
163	6.418	6.412	6.422	VV	286	1476	0.05%	0.002%
164	6.426	6.422	6.438	VV	278	2293	0.09%	0.004%
165	6.442	6.438	6.451	VV	240	1592	0.06%	0.002%
166	6.467	6.451	6.471	VV	287	3070	0.11%	0.005%
167	6.487	6.471	6.512	VV	481	8880	0.33%	0.014%
168	6.517	6.512	6.531	VV	341	3216	0.12%	0.005%
169	6.538	6.531	6.561	VV	306	4655	0.17%	0.007%
170	6.566	6.561	6.571	VV	234	1269	0.05%	0.002%
171	6.578	6.571	6.583	VV	213	1501	0.06%	0.002%
172	6.609	6.583	6.621	VV	1420	17753	0.66%	0.028%
173	6.628	6.621	6.650	VV	1006	13774	0.51%	0.022%
174	6.661	6.650	6.727	VV	679	20290	0.75%	0.032%
175	6.777	6.727	6.819	VV	516	19428	0.72%	0.030%
176	6.828	6.819	6.835	VV	257	2276	0.08%	0.004%
177	6.848	6.835	6.881	VV	346	7666	0.28%	0.012%
178	6.898	6.881	6.913	VV	380	5300	0.20%	0.008%
179	6.931	6.913	6.953	VV	248	4385	0.16%	0.007%
180	6.965	6.953	6.989	VV	263	4132	0.15%	0.006%
181	6.993	6.989	7.003	VV	204	1290	0.05%	0.002%
182	7.007	7.003	7.010	VV	171	600	0.02%	0.001%
183	7.028	7.010	7.044	VV	730	8374	0.31%	0.013%
184	7.054	7.044	7.079	VV	301	4398	0.16%	0.007%
185	7.093	7.079	7.109	VV	324	4543	0.17%	0.007%
186	7.118	7.109	7.141	VV	307	4020	0.15%	0.006%
187	7.168	7.141	7.187	VV	918	12046	0.45%	0.019%
188	7.193	7.187	7.197	VV	233	1331	0.05%	0.002%
189	7.214	7.197	7.218	VV	272	2904	0.11%	0.005%
190	7.247	7.218	7.267	VV	1333	20156	0.75%	0.032%
191	7.273	7.267	7.293	VV	487	6346	0.24%	0.010%
192	7.301	7.293	7.331	VV	368	6591	0.24%	0.010%
193	7.349	7.331	7.365	VV	265	4252	0.16%	0.007%
194	7.406	7.365	7.427	VV	3182	35065	1.30%	0.055%

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195	7.444	7.427	7.484	VV	1123	15309	0.57%	0.024%
196	7.494	7.484	7.523	VV	237	3402	0.13%	0.005%
197	7.545	7.523	7.568	PV	1792	19314	0.72%	0.030%
198	7.586	7.568	7.606	VV	728	9072	0.34%	0.014%
199	7.619	7.606	7.636	VV	361	4131	0.15%	0.006%
200	7.645	7.636	7.650	VV	113	720	0.03%	0.001%
201	7.673	7.650	7.688	VV	202	2771	0.10%	0.004%
202	7.721	7.688	7.771	VV	837	21802	0.81%	0.034%
203	7.801	7.771	7.825	VV	560	10037	0.37%	0.016%
204	7.839	7.825	7.848	VV	340	3516	0.13%	0.005%
205	7.850	7.848	7.870	VV	271	2717	0.10%	0.004%
206	7.884	7.870	7.913	VV	337	4608	0.17%	0.007%
207	7.938	7.913	7.962	VV	842	10257	0.38%	0.016%
208	7.965	7.962	7.990	VV	212	1995	0.07%	0.003%
209	8.009	7.990	8.030	PV	590	7179	0.27%	0.011%
210	8.042	8.030	8.049	VV	265	2274	0.08%	0.004%
211	8.065	8.049	8.082	VV	316	4687	0.17%	0.007%
212	8.089	8.082	8.097	VV	230	1590	0.06%	0.002%
213	8.143	8.097	8.169	VV	2297	37942	1.41%	0.059%
214	8.179	8.169	8.198	VV	860	9685	0.36%	0.015%
215	8.202	8.198	8.233	VV	229	3219	0.12%	0.005%
216	8.248	8.233	8.258	VV	184	1810	0.07%	0.003%
217	8.262	8.258	8.274	VV	157	1160	0.04%	0.002%
218	8.296	8.274	8.343	VV	1000	20931	0.78%	0.033%
219	8.356	8.343	8.362	VV	222	1922	0.07%	0.003%
220	8.379	8.362	8.390	VV	293	4331	0.16%	0.007%
221	8.422	8.390	8.457	VV	872	19583	0.73%	0.031%
222	8.495	8.457	8.510	VV	867	15916	0.59%	0.025%
223	8.527	8.510	8.540	VV	1045	14122	0.52%	0.022%
224	8.570	8.540	8.591	VV	7455	103251	3.84%	0.161%
225	8.608	8.591	8.634	VV	4797	56769	2.11%	0.089%
226	8.668	8.634	8.686	VV	827	18257	0.68%	0.029%
227	8.714	8.686	8.728	VV	1739	28457	1.06%	0.044%
228	8.735	8.728	8.749	VV	1252	14073	0.52%	0.022%
229	8.757	8.749	8.790	VV	1211	15036	0.56%	0.024%
230	8.803	8.790	8.818	VV	433	5240	0.19%	0.008%
231	8.835	8.818	8.857	VV	952	10746	0.40%	0.017%
232	8.891	8.857	8.927	VV	1374	24870	0.92%	0.039%
233	8.934	8.927	8.941	VV	404	2964	0.11%	0.005%
234	8.965	8.941	8.982	VV	721	12116	0.45%	0.019%
235	9.010	8.982	9.033	VV	1800	24026	0.89%	0.038%
236	9.054	9.033	9.063	VV	781	9478	0.35%	0.015%
237	9.074	9.063	9.099	VV	1016	13054	0.49%	0.020%
238	9.117	9.099	9.122	VV	371	4206	0.16%	0.007%
239	9.129	9.122	9.142	VV	352	3703	0.14%	0.006%
240	9.150	9.142	9.162	VV	347	3830	0.14%	0.006%
241	9.167	9.162	9.186	VV	422	4172	0.16%	0.007%
242	9.209	9.186	9.240	VV	1074	17636	0.66%	0.028%
243	9.255	9.240	9.271	VV	497	7433	0.28%	0.012%
244	9.288	9.271	9.307	VV	506	7296	0.27%	0.011%
245	9.349	9.307	9.395	VV	1117	30845	1.15%	0.048%
246	9.433	9.395	9.454	VV	1144	19942	0.74%	0.031%

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247	9.462	9.454	9.474	VV	663	6407	0.24%	0.010%
248	9.482	9.474	9.508	VV	534	6121	0.23%	0.010%
249	9.526	9.508	9.554	VV	343	5085	0.19%	0.008%
250	9.579	9.554	9.595	PV	277	3905	0.15%	0.006%
251	9.611	9.595	9.640	VV	424	7420	0.28%	0.012%
252	9.649	9.640	9.652	VV	284	1706	0.06%	0.003%
253	9.667	9.652	9.680	VV	418	5285	0.20%	0.008%
254	9.688	9.680	9.707	VV	324	4144	0.15%	0.006%
255	9.720	9.707	9.734	VV	369	3581	0.13%	0.006%
256	9.755	9.734	9.783	VV	4577	53108	1.97%	0.083%
257	9.802	9.783	9.837	VV	1440	24051	0.89%	0.038%
258	9.860	9.837	9.866	VV	576	6873	0.26%	0.011%
259	9.868	9.866	9.874	VV	565	2693	0.10%	0.004%
260	9.882	9.874	9.914	VV	614	10006	0.37%	0.016%
261	9.923	9.914	9.933	VV	364	3415	0.13%	0.005%
262	9.947	9.933	9.973	VV	591	9190	0.34%	0.014%
263	9.989	9.973	9.999	VV	288	3711	0.14%	0.006%
264	10.015	9.999	10.033	VV	348	5275	0.20%	0.008%
265	10.059	10.033	10.073	VV	533	8422	0.31%	0.013%
266	10.088	10.073	10.107	VV	548	7861	0.29%	0.012%
267	10.119	10.107	10.123	VV	339	3013	0.11%	0.005%
268	10.150	10.123	10.166	VV	1059	17383	0.65%	0.027%
269	10.188	10.166	10.205	VV	792	15338	0.57%	0.024%
270	10.218	10.205	10.235	VV	908	12325	0.46%	0.019%
271	10.244	10.235	10.277	VV	811	13911	0.52%	0.022%
272	10.301	10.277	10.314	VV	714	10745	0.40%	0.017%
273	10.321	10.314	10.342	VV	380	3823	0.14%	0.006%
274	10.362	10.342	10.368	PV	130	1164	0.04%	0.002%
275	10.387	10.368	10.396	VV	241	3035	0.11%	0.005%
276	10.399	10.396	10.421	VV	215	1442	0.05%	0.002%
277	10.429	10.421	10.439	VV	97	629	0.02%	0.001%
278	10.445	10.439	10.450	VV	157	656	0.02%	0.001%
279	10.470	10.450	10.489	VV	302	4061	0.15%	0.006%
280	10.509	10.489	10.537	VV	768	10122	0.38%	0.016%
281	10.578	10.537	10.590	PV	737	10620	0.39%	0.017%
282	10.602	10.590	10.623	VV	391	5556	0.21%	0.009%
283	10.646	10.623	10.673	VV	838	16143	0.60%	0.025%
284	10.692	10.673	10.718	VV	490	8640	0.32%	0.014%
285	10.735	10.718	10.740	VV	295	2993	0.11%	0.005%
286	10.765	10.740	10.788	VV	657	13021	0.48%	0.020%
287	10.823	10.788	10.843	VV	1735	28183	1.05%	0.044%
288	10.861	10.843	10.879	VV	990	14370	0.53%	0.022%
289	10.913	10.879	10.936	VV	1781	29285	1.09%	0.046%
290	10.939	10.936	10.943	VV	554	2217	0.08%	0.003%
291	10.978	10.943	10.998	VV	4203	59923	2.23%	0.094%
292	11.013	10.998	11.043	VV	692	13412	0.50%	0.021%
293	11.080	11.043	11.116	VV	1420	34956	1.30%	0.055%
294	11.123	11.116	11.145	VV	447	5237	0.19%	0.008%
295	11.152	11.145	11.160	VV	111	561	0.02%	0.001%
296	11.185	11.160	11.195	VV	4372	48300	1.80%	0.075%
297	11.212	11.195	11.219	VV	9999	97242	3.61%	0.152%
298	11.231	11.219	11.267	VV	14275	163416	6.07%	0.255%
299	11.287	11.267	11.355	VV	2646	41516	1.54%	0.065%

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300	11.405	11.355	11.450	VV	697	14628	0.54%	0.023%
301	11.476	11.450	11.483	VV	253	3319	0.12%	0.005%
302	11.501	11.483	11.536	VV	1385	27966	1.04%	0.044%
303	11.560	11.536	11.582	VV	932	17047	0.63%	0.027%
304	11.617	11.582	11.626	VV	1196	18162	0.68%	0.028%
305	11.635	11.626	11.650	VV	847	10047	0.37%	0.016%
306	11.680	11.650	11.709	VV	18191	214377	7.97%	0.335%
307	11.732	11.709	11.758	VV	11168	141112	5.25%	0.221%
308	11.763	11.758	11.807	VV	1721	24528	0.91%	0.038%
309	11.821	11.807	11.837	VV	631	8021	0.30%	0.013%
310	11.860	11.837	11.885	VV	2479	30307	1.13%	0.047%
311	11.919	11.885	11.954	PV	10749	135828	5.05%	0.212%
312	11.981	11.954	11.999	VV	762	13612	0.51%	0.021%
313	12.018	11.999	12.034	VV	1384	17029	0.63%	0.027%
314	12.049	12.034	12.068	VV	1807	20357	0.76%	0.032%
315	12.080	12.068	12.100	VV	778	10004	0.37%	0.016%
316	12.134	12.100	12.154	VV	1949	28445	1.06%	0.044%
317	12.169	12.154	12.173	VV	1037	8651	0.32%	0.014%
318	12.191	12.173	12.221	VV	2784	42966	1.60%	0.067%
319	12.228	12.221	12.238	VV	488	4652	0.17%	0.007%
320	12.242	12.238	12.258	VV	412	3562	0.13%	0.006%
321	12.283	12.258	12.301	VV	681	10596	0.39%	0.017%
322	12.348	12.301	12.364	VV	4753	73553	2.73%	0.115%
323	12.372	12.364	12.398	VV	2290	33399	1.24%	0.052%
324	12.429	12.398	12.468	VV	20401	294704	10.95%	0.461%
325	12.490	12.468	12.540	VV	8285	113960	4.24%	0.178%
326	12.592	12.540	12.661	VV	130580	1719985	63.93%	2.688%
327	12.668	12.661	12.685	VV	955	12000	0.45%	0.019%
328	12.706	12.685	12.734	VV	1077	25046	0.93%	0.039%
329	12.744	12.734	12.780	VV	780	15100	0.56%	0.024%
330	12.828	12.780	12.851	VV	4579	79508	2.96%	0.124%
331	12.872	12.851	12.903	VV	4925	89066	3.31%	0.139%
332	12.921	12.903	12.943	VV	3489	60215	2.24%	0.094%
333	12.950	12.943	12.964	VV	1669	18317	0.68%	0.029%
334	12.987	12.964	13.013	VV	4458	70109	2.61%	0.110%
335	13.038	13.013	13.085	VV	25671	322289	11.98%	0.504%
336	13.112	13.085	13.130	VV	2249	35280	1.31%	0.055%
337	13.146	13.130	13.156	VV	923	12404	0.46%	0.019%
338	13.173	13.156	13.188	VV	1612	21302	0.79%	0.033%
339	13.211	13.188	13.266	VV	4636	89945	3.34%	0.141%
340	13.281	13.266	13.311	VV	734	11674	0.43%	0.018%
341	13.336	13.311	13.360	PV	18798	204414	7.60%	0.319%
342	13.381	13.360	13.410	VV	2859	57911	2.15%	0.091%
343	13.427	13.410	13.450	VV	1977	24575	0.91%	0.038%
344	13.478	13.450	13.483	VV	444	6469	0.24%	0.010%
345	13.507	13.483	13.522	VV	1336	21431	0.80%	0.033%
346	13.528	13.522	13.550	VV	1289	17389	0.65%	0.027%
347	13.562	13.550	13.574	VV	954	11840	0.44%	0.019%
348	13.603	13.574	13.631	VV	16483	224720	8.35%	0.351%
349	13.655	13.631	13.673	VV	16331	225994	8.40%	0.353%
350	13.680	13.673	13.704	VV	6589	84685	3.15%	0.132%
351	13.715	13.704	13.764	VV	2454	54945	2.04%	0.086%

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352	13.818	13.764	13.886	VV	38123	506355	18.82%	0.791%
353	13.926	13.886	13.959	VV	3056	57118	2.12%	0.089%
354	13.981	13.959	14.001	VV	808	13033	0.48%	0.020%
355	14.038	14.001	14.059	VV	2130	40840	1.52%	0.064%
356	14.075	14.059	14.088	VV	1711	22591	0.84%	0.035%
357	14.103	14.088	14.110	VV	1358	16249	0.60%	0.025%
358	14.132	14.110	14.152	VV	2409	40431	1.50%	0.063%
359	14.181	14.152	14.193	VV	2975	48663	1.81%	0.076%
360	14.205	14.193	14.222	VV	2531	32535	1.21%	0.051%
361	14.244	14.222	14.286	VV	1899	40511	1.51%	0.063%
362	14.315	14.286	14.338	VV	1707	31286	1.16%	0.049%
363	14.383	14.338	14.412	VV	3151	66822	2.48%	0.104%
364	14.429	14.412	14.453	VV	1556	27456	1.02%	0.043%
365	14.464	14.453	14.485	VV	563	6708	0.25%	0.010%
366	14.568	14.485	14.593	PV	8227	132100	4.91%	0.206%
367	14.616	14.593	14.639	VV	3672	64794	2.41%	0.101%
368	14.658	14.639	14.686	VV	2548	50444	1.87%	0.079%
369	14.697	14.686	14.716	VV	1441	20084	0.75%	0.031%
370	14.744	14.716	14.765	VV	10598	151170	5.62%	0.236%
371	14.778	14.765	14.814	VV	3300	59711	2.22%	0.093%
372	14.844	14.814	14.886	VV	4485	99972	3.72%	0.156%
373	14.908	14.886	14.929	VV	3216	40923	1.52%	0.064%
374	14.961	14.929	14.993	VV	7067	97544	3.63%	0.152%
375	15.006	14.993	15.020	VV	477	5038	0.19%	0.008%
376	15.084	15.020	15.117	VV	114405	1544144	57.39%	2.413%
377	15.124	15.117	15.153	VV	1041	13856	0.52%	0.022%
378	15.176	15.153	15.182	VV	1491	16026	0.60%	0.025%
379	15.215	15.182	15.236	VV	13544	226171	8.41%	0.353%
380	15.259	15.236	15.277	VV	12947	182704	6.79%	0.286%
381	15.287	15.277	15.309	VV	4417	51861	1.93%	0.081%
382	15.332	15.309	15.353	VV	2329	27686	1.03%	0.043%
383	15.384	15.353	15.410	VV	2891	41972	1.56%	0.066%
384	15.423	15.410	15.439	VV	620	5937	0.22%	0.009%
385	15.460	15.439	15.487	PV	1563	24663	0.92%	0.039%
386	15.496	15.487	15.503	VV	551	4102	0.15%	0.006%
387	15.519	15.503	15.546	VV	1022	16333	0.61%	0.026%
388	15.563	15.546	15.598	VV	1051	17573	0.65%	0.027%
389	15.618	15.598	15.629	PV	566	6663	0.25%	0.010%
390	15.665	15.629	15.747	VV	45646	625062	23.23%	0.977%
391	15.766	15.747	15.779	VV	880	10760	0.40%	0.017%
392	15.808	15.779	15.836	VV	8674	125478	4.66%	0.196%
393	15.858	15.836	15.871	VV	3278	56565	2.10%	0.088%
394	15.888	15.871	15.915	VV	5026	84244	3.13%	0.132%
395	15.935	15.915	15.968	VV	1903	33406	1.24%	0.052%
396	15.978	15.968	15.989	VV	662	6488	0.24%	0.010%
397	16.017	15.989	16.045	VV	9822	143161	5.32%	0.224%
398	16.053	16.045	16.099	VV	2241	48016	1.78%	0.075%
399	16.131	16.099	16.145	VV	1129	20623	0.77%	0.032%
400	16.149	16.145	16.162	VV	795	5765	0.21%	0.009%
401	16.182	16.162	16.212	VV	2588	36834	1.37%	0.058%
402	16.219	16.212	16.230	VV	665	5684	0.21%	0.009%
403	16.247	16.230	16.254	VV	833	9050	0.34%	0.014%
404	16.274	16.254	16.289	VV	1752	22559	0.84%	0.035%

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405	16.311	16.289	16.354	VV	5809	83921	3.12%	0.131%
406	16.372	16.354	16.403	VV	2883	37812	1.41%	0.059%
407	16.407	16.403	16.413	VV	163	818	0.03%	0.001%
408	16.421	16.413	16.428	VV	179	997	0.04%	0.002%
409	16.432	16.428	16.436	VV	127	522	0.02%	0.001%
410	16.446	16.436	16.460	VV	138	1185	0.04%	0.002%
411	16.511	16.460	16.543	PV	1581	42751	1.59%	0.067%
412	16.563	16.543	16.585	VV	1083	17937	0.67%	0.028%
413	16.612	16.585	16.640	VV	3064	56642	2.11%	0.089%
414	16.680	16.640	16.728	VV	18406	293830	10.92%	0.459%
415	16.734	16.728	16.741	VV	605	4418	0.16%	0.007%
416	16.780	16.741	16.830	VV	15600	371731	13.82%	0.581%
417	16.837	16.830	16.843	VV	359	2448	0.09%	0.004%
418	16.871	16.843	16.893	VV	3100	48398	1.80%	0.076%
419	16.911	16.893	16.933	VV	2169	27530	1.02%	0.043%
420	16.940	16.933	16.947	VV	346	2113	0.08%	0.003%
421	16.952	16.947	16.957	VV	345	1672	0.06%	0.003%
422	16.963	16.957	16.972	VV	345	1292	0.05%	0.002%
423	17.001	16.972	17.024	PV	9326	128578	4.78%	0.201%
424	17.040	17.024	17.060	VV	2208	36566	1.36%	0.057%
425	17.065	17.060	17.071	VV	1318	8057	0.30%	0.013%
426	17.103	17.071	17.125	VV	9072	138011	5.13%	0.216%
427	17.158	17.125	17.197	VV	12183	187927	6.99%	0.294%
428	17.260	17.197	17.283	VV	9398	218651	8.13%	0.342%
429	17.312	17.283	17.367	VV	57978	887781	33.00%	1.388%
430	17.387	17.367	17.400	VV	2050	36133	1.34%	0.056%
431	17.406	17.400	17.430	VV	1618	21110	0.78%	0.033%
432	17.471	17.430	17.486	VV	1822	41045	1.53%	0.064%
433	17.517	17.486	17.523	VV	2890	46124	1.71%	0.072%
434	17.526	17.523	17.537	VV	2797	22072	0.82%	0.034%
435	17.542	17.537	17.558	VV	2317	26721	0.99%	0.042%
436	17.567	17.558	17.572	VV	2345	16886	0.63%	0.026%
437	17.580	17.572	17.584	VV	2564	18286	0.68%	0.029%
438	17.625	17.584	17.650	VV	14278	265781	9.88%	0.415%
439	17.658	17.650	17.674	VV	4094	53466	1.99%	0.084%
440	17.710	17.674	17.739	VV	20021	376289	13.99%	0.588%
441	17.750	17.739	17.766	VV	3861	52485	1.95%	0.082%
442	17.793	17.766	17.805	VV	4089	75815	2.82%	0.118%
443	17.812	17.805	17.823	VV	3629	37577	1.40%	0.059%
444	17.832	17.823	17.863	VV	3410	62378	2.32%	0.097%
445	17.887	17.863	17.904	VV	3532	64152	2.38%	0.100%
446	17.928	17.904	17.954	VV	3604	89559	3.33%	0.140%
447	17.983	17.954	17.996	VV	3617	74414	2.77%	0.116%
448	18.001	17.996	18.015	VV	3086	34291	1.27%	0.054%
449	18.027	18.015	18.034	VV	3148	32833	1.22%	0.051%
450	18.079	18.034	18.093	VV	5600	158985	5.91%	0.248%
451	18.152	18.093	18.181	VV	12603	416916	15.50%	0.652%
452	18.222	18.181	18.227	VV	9938	173752	6.46%	0.272%
453	18.248	18.227	18.272	VV	18203	332128	12.34%	0.519%
454	18.284	18.272	18.306	VV	8290	147161	5.47%	0.230%
455	18.334	18.306	18.358	VV	9693	235050	8.74%	0.367%
456	18.383	18.358	18.408	VV	12688	261478	9.72%	0.409%

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457	18.442	18.408	18.449	VV	8787	164904	6.13%	0.258%
458	18.479	18.449	18.484	VV	11832	221613	8.24%	0.346%
459	18.508	18.484	18.549	VV	44415	953067	35.42%	1.490%
460	18.575	18.549	18.602	VV	28672	579205	21.53%	0.905%
461	18.612	18.602	18.628	VV	7827	112537	4.18%	0.176%
462	18.668	18.628	18.683	VV	11411	288185	10.71%	0.450%
463	18.706	18.683	18.743	VV	11518	331444	12.32%	0.518%
464	18.755	18.743	18.762	VV	8311	84009	3.12%	0.131%
465	18.785	18.762	18.806	VV	15735	293321	10.90%	0.458%
466	18.823	18.806	18.836	VV	10413	164856	6.13%	0.258%
467	18.848	18.836	18.855	VV	10740	118382	4.40%	0.185%
468	18.880	18.855	18.903	VV	21677	425959	15.83%	0.666%
469	18.918	18.903	18.940	VV	11874	233839	8.69%	0.365%
470	18.978	18.940	18.991	VV	24684	534742	19.88%	0.836%
471	19.005	18.991	19.038	VV	22454	478578	17.79%	0.748%
472	19.075	19.038	19.093	VV	30398	684400	25.44%	1.070%
473	19.101	19.093	19.124	VV	24638	385843	14.34%	0.603%
474	19.148	19.124	19.168	VV	21535	467301	17.37%	0.730%
475	19.172	19.168	19.181	VV	14103	109589	4.07%	0.171%
476	19.194	19.181	19.201	VV	14786	172620	6.42%	0.270%
477	19.206	19.201	19.215	VV	14813	119506	4.44%	0.187%
478	19.221	19.215	19.226	VV	13810	88407	3.29%	0.138%
479	19.272	19.226	19.299	VV	61824	1300879	48.35%	2.033%
480	19.341	19.299	19.365	VV	85131	1780114	66.17%	2.782%
481	19.387	19.365	19.432	VV	78015	1683346	62.57%	2.631%
482	19.463	19.432	19.498	VV	30354	939947	34.94%	1.469%
483	19.522	19.498	19.544	VV	36296	730731	27.16%	1.142%
484	19.561	19.544	19.567	VV	19621	248606	9.24%	0.389%
485	19.571	19.567	19.576	VV	19247	103671	3.85%	0.162%
486	19.580	19.576	19.600	VV	18873	260045	9.67%	0.406%
487	19.626	19.600	19.647	VV	40206	811456	30.16%	1.268%
488	19.672	19.647	19.712	VV	42148	1131544	42.06%	1.769%
489	19.737	19.712	19.744	VV	19513	353830	13.15%	0.553%
490	19.773	19.744	19.784	VV	20225	449451	16.71%	0.702%
491	19.805	19.784	19.816	VV	24240	420407	15.63%	0.657%
492	19.837	19.816	19.854	VV	33328	623077	23.16%	0.974%
493	19.870	19.854	19.908	VV	25540	695384	25.85%	1.087%
494	19.945	19.908	19.970	VV	29026	861118	32.01%	1.346%
495	19.986	19.970	19.997	VV	25369	400079	14.87%	0.625%
496	20.009	19.997	20.013	VV	23278	215833	8.02%	0.337%
497	20.016	20.013	20.022	VV	23097	118320	4.40%	0.185%
498	20.055	20.022	20.080	VV	34390	898947	33.41%	1.405%
499	20.085	20.080	20.090	VV	19968	115722	4.30%	0.181%
500	20.121	20.090	20.157	VV	38712	1166951	43.37%	1.824%
501	20.161	20.157	20.164	VV	24943	108869	4.05%	0.170%
502	20.181	20.164	20.186	VV	26938	340850	12.67%	0.533%
503	20.196	20.186	20.202	VV	27186	262671	9.76%	0.411%
504	20.215	20.202	20.242	VV	27470	612613	22.77%	0.957%
505	20.246	20.242	20.269	VV	24142	376560	14.00%	0.589%
506	20.325	20.269	20.340	VV	31804	1113222	41.38%	1.740%
507	20.385	20.340	20.414	VV	37432	1402630	52.13%	2.192%
508	20.451	20.414	20.491	VV	127163	2690402	100.00%	4.205%
509	20.495	20.491	20.499	VV	24871	121326	4.51%	0.190%

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510	20.507	20.499	20.512	VV	25037	193818	7.20%	0.303%
511	20.516	20.512	20.539	VV	25807	389536	14.48%	0.609%
512	20.562	20.539	20.577	VV	25188	533415	19.83%	0.834%
513	20.591	20.577	20.602	VV	22738	324603	12.07%	0.507%
514	20.635	20.602	20.639	VV	26041	549781	20.43%	0.859%
515	20.677	20.639	20.707	VV	35996	1215122	45.17%	1.899%
516	20.727	20.707	20.733	VV	32033	467057	17.36%	0.730%
517	20.737	20.733	20.798	VV	31059	1070973	39.81%	1.674%
518	20.822	20.798	20.834	VV	33510	640401	23.80%	1.001%
519	20.838	20.834	20.843	VV	30900	160776	5.98%	0.251%
520	20.848	20.843	20.870	VV	30967	441686	16.42%	0.690%
521	20.879	20.870	20.885	VV	23999	211179	7.85%	0.330%
522	20.896	20.885	20.915	VV	25225	435790	16.20%	0.681%
523	20.918	20.915	20.940	VV	23490	338921	12.60%	0.530%
524	20.966	20.940	20.970	VV	26994	432307	16.07%	0.676%
525	20.973	20.970	20.987	VV	26565	259471	9.64%	0.406%
526	20.991	20.987	21.028	VV	24318	551418	20.50%	0.862%
527	21.054	21.028	21.062	VV	22059	422714	15.71%	0.661%
528	21.068	21.062	21.076	VV	21802	184747	6.87%	0.289%
529	21.083	21.076	21.107	VV	20816	354827	13.19%	0.555%
530	21.111	21.107	21.130	VV	17761	234358	8.71%	0.366%
531	21.150	21.130	21.163	VV	18438	356970	13.27%	0.558%
532	21.178	21.163	21.187	VV	17881	239966	8.92%	0.375%
533	21.191	21.187	21.203	VV	17466	166035	6.17%	0.260%
534	21.207	21.203	21.213	VV	16300	89917	3.34%	0.141%
535	21.227	21.213	21.237	VV	18372	256995	9.55%	0.402%
536	21.244	21.237	21.251	VV	18101	149756	5.57%	0.234%
537	21.263	21.251	21.270	VV	19225	203031	7.55%	0.317%
538	21.279	21.270	21.285	VV	18246	161061	5.99%	0.252%
539	21.295	21.285	21.351	VV	18150	627509	23.32%	0.981%
540	21.355	21.351	21.358	VV	13602	59227	2.20%	0.093%
541	21.363	21.358	21.367	VV	14196	70220	2.61%	0.110%
542	21.380	21.367	21.427	VV	14587	451601	16.79%	0.706%
543	21.433	21.427	21.439	VV	11013	78195	2.91%	0.122%
544	21.468	21.439	21.480	VV	12379	280943	10.44%	0.439%
545	21.486	21.480	21.490	VV	12203	69248	2.57%	0.108%
546	21.494	21.490	21.499	VV	12144	63013	2.34%	0.098%
547	21.536	21.499	21.553	VV	13078	403362	14.99%	0.630%
548	21.558	21.553	21.571	VV	12792	133125	4.95%	0.208%
549	21.584	21.571	21.597	VV	12410	186281	6.92%	0.291%
550	21.601	21.597	21.605	VV	11853	60600	2.25%	0.095%
551	21.610	21.605	21.617	VV	11873	77803	2.89%	0.122%
552	21.625	21.617	21.632	VV	11364	99735	3.71%	0.156%
553	21.636	21.632	21.647	VV	11449	97615	3.63%	0.153%
554	21.653	21.647	21.681	VV	10170	180684	6.72%	0.282%
555	21.697	21.681	21.702	VV	8245	94072	3.50%	0.147%
556	21.712	21.702	21.719	VV	9130	89043	3.31%	0.139%
557	21.733	21.719	21.748	VV	8815	139290	5.18%	0.218%
558	21.756	21.748	21.765	VV	7731	78615	2.92%	0.123%
559	21.777	21.765	21.789	VV	7844	108752	4.04%	0.170%
560	21.794	21.789	21.797	VV	7385	37667	1.40%	0.059%
561	21.811	21.797	21.817	VV	7957	87753	3.26%	0.137%

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562	21.834	21.817	21.844	VV	7845	121756	4.53%	0.190%
563	21.852	21.844	21.876	VV	7871	129549	4.82%	0.202%
564	21.881	21.876	21.887	VV	6772	43981	1.63%	0.069%
565	21.910	21.887	21.920	VV	7472	126266	4.69%	0.197%
566	21.927	21.920	21.943	VV	7338	93348	3.47%	0.146%
567	21.961	21.943	22.000	VV	8636	241238	8.97%	0.377%
568	22.014	22.000	22.020	VV	7828	83226	3.09%	0.130%
569	22.029	22.020	22.076	VV	9072	207239	7.70%	0.324%
570	22.081	22.076	22.101	VV	3942	44627	1.66%	0.070%
571	22.111	22.101	22.123	VV	2552	27869	1.04%	0.044%
572	22.128	22.123	22.158	VV	2085	30935	1.15%	0.048%
573	22.170	22.158	22.176	PV	1305	7126	0.26%	0.011%
574	22.183	22.176	22.204	VV	1876	18396	0.68%	0.029%
575	22.213	22.204	22.217	VV	1644	8993	0.33%	0.014%
576	22.230	22.217	22.235	VV	2676	23529	0.87%	0.037%
577	22.239	22.235	22.262	VV	2563	25942	0.96%	0.041%
578	22.267	22.262	22.296	VV	1264	11462	0.43%	0.018%
						Sum of corrected areas:		63981078

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