

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061923\
 Data File : FG012210.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jun 2023 16:12
 Sample : 03308-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060223.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.031	2.000	2.063	BV	177	1983	0.13%	0.004%
2	2.075	2.063	2.085	VV	89	534	0.04%	0.001%
3	2.104	2.085	2.117	PV	101	1278	0.09%	0.002%
4	2.121	2.117	2.132	VV	109	691	0.05%	0.001%
5	2.138	2.132	2.142	VV	92	343	0.02%	0.001%
6	2.149	2.142	2.154	VV	88	393	0.03%	0.001%
7	2.170	2.154	2.175	VV	138	758	0.05%	0.001%
8	2.185	2.175	2.224	PV	115	1811	0.12%	0.003%
9	2.233	2.224	2.238	VV	137	805	0.05%	0.001%
10	2.250	2.238	2.257	VV	138	1130	0.08%	0.002%
11	2.264	2.257	2.269	VV	84	334	0.02%	0.001%
12	2.283	2.269	2.292	PV	150	1322	0.09%	0.002%
13	2.307	2.292	2.320	VV	202	2673	0.18%	0.005%
14	2.343	2.320	2.371	VV	463	8753	0.58%	0.015%
15	2.376	2.371	2.388	VV	221	1676	0.11%	0.003%
16	2.392	2.388	2.411	VV	139	1480	0.10%	0.003%
17	2.414	2.411	2.420	VV	116	501	0.03%	0.001%
18	2.440	2.420	2.455	VV	185	2808	0.19%	0.005%
19	2.458	2.455	2.482	VV	126	1447	0.10%	0.003%
20	2.499	2.482	2.506	VV	150	1431	0.10%	0.003%
21	2.512	2.506	2.523	VV	106	763	0.05%	0.001%
22	2.534	2.523	2.545	VV	169	1577	0.11%	0.003%
23	2.557	2.545	2.573	VV	136	1520	0.10%	0.003%
24	2.576	2.573	2.582	VV	115	441	0.03%	0.001%
25	2.605	2.582	2.632	VV	569	8079	0.54%	0.014%
26	2.635	2.632	2.644	VV	148	685	0.05%	0.001%
27	2.659	2.644	2.665	VV	110	872	0.06%	0.002%
28	2.670	2.665	2.675	VV	97	281	0.02%	0.000%
29	2.720	2.675	2.732	PV	270	4723	0.32%	0.008%
30	2.738	2.732	2.776	VV	224	2975	0.20%	0.005%
31	2.782	2.776	2.795	VV	117	817	0.05%	0.001%

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32	2.799	2.795	2.804	VV	147	492	0.03%	0.001%
33	2.831	2.804	2.852	VV	231	3764	0.25%	0.007%
34	2.856	2.852	2.870	VV	121	956	0.06%	0.002%
35	2.874	2.870	2.879	VV	115	519	0.03%	0.001%
36	2.885	2.879	2.890	VV	120	682	0.05%	0.001%
37	2.895	2.890	2.899	VV	128	469	0.03%	0.001%
38	2.934	2.899	2.971	VV	925	17956	1.20%	0.032%
39	2.982	2.971	3.010	VV	382	6514	0.43%	0.012%
40	3.020	3.010	3.028	VV	214	2033	0.14%	0.004%
41	3.046	3.028	3.064	VV	371	5751	0.38%	0.010%
42	3.071	3.064	3.086	VV	213	2273	0.15%	0.004%
43	3.103	3.086	3.122	VV	196	2709	0.18%	0.005%
44	3.127	3.122	3.132	VV	101	399	0.03%	0.001%
45	3.138	3.132	3.144	VV	153	810	0.05%	0.001%
46	3.151	3.144	3.156	VV	138	761	0.05%	0.001%
47	3.165	3.156	3.178	VV	170	1376	0.09%	0.002%
48	3.198	3.178	3.223	VV	191	3535	0.24%	0.006%
49	3.229	3.223	3.244	VV	181	1815	0.12%	0.003%
50	3.250	3.244	3.258	VV	168	956	0.06%	0.002%
51	3.264	3.258	3.275	VV	176	1198	0.08%	0.002%
52	3.288	3.275	3.319	VV	246	3827	0.26%	0.007%
53	3.333	3.319	3.342	VV	138	1616	0.11%	0.003%
54	3.348	3.342	3.354	VV	151	901	0.06%	0.002%
55	3.367	3.354	3.382	VV	185	2293	0.15%	0.004%
56	3.389	3.382	3.401	VV	186	1510	0.10%	0.003%
57	3.412	3.401	3.419	VV	205	1895	0.13%	0.003%
58	3.424	3.419	3.429	VV	235	1204	0.08%	0.002%
59	3.434	3.429	3.441	VV	227	1508	0.10%	0.003%
60	3.465	3.441	3.495	VV	288	8062	0.54%	0.014%
61	3.531	3.495	3.538	VV	428	8836	0.59%	0.016%
62	3.548	3.538	3.555	VV	492	4406	0.29%	0.008%
63	3.562	3.555	3.580	VV	419	6012	0.40%	0.011%
64	3.601	3.580	3.630	VV	532	13171	0.88%	0.023%
65	3.636	3.630	3.655	VV	415	5503	0.37%	0.010%
66	3.662	3.655	3.667	VV	318	2133	0.14%	0.004%
67	3.673	3.667	3.695	VV	352	4943	0.33%	0.009%
68	3.699	3.695	3.710	VV	244	1965	0.13%	0.003%
69	3.718	3.710	3.727	VV	471	2571	0.17%	0.005%
70	3.745	3.727	3.768	VV	426	8045	0.54%	0.014%
71	3.782	3.768	3.788	VV	292	3097	0.21%	0.005%
72	3.792	3.788	3.814	VV	279	3439	0.23%	0.006%
73	3.818	3.814	3.829	VV	229	1632	0.11%	0.003%
74	3.834	3.829	3.847	VV	206	1965	0.13%	0.003%
75	3.851	3.847	3.865	VV	227	2302	0.15%	0.004%
76	3.872	3.865	3.877	VV	257	1706	0.11%	0.003%
77	3.884	3.877	3.888	VV	259	1575	0.11%	0.003%
78	3.899	3.888	3.917	VV	254	3871	0.26%	0.007%
79	3.921	3.917	3.936	VV	225	2059	0.14%	0.004%

80	3.940	3.936	3.944	VV	199	782	0.05%	0.001%
81	3.974	3.944	4.014	VV	269	8426	0.56%	0.015%
82	4.019	4.014	4.027	VV	193	1206	0.08%	0.002%
83	4.031	4.027	4.037	VV	166	809	0.05%	0.001%
84	4.042	4.037	4.058	VV	158	1745	0.12%	0.003%
85	4.111	4.058	4.155	VV	579	21739	1.45%	0.038%
86	4.167	4.155	4.171	VV	395	3279	0.22%	0.006%
87	4.181	4.171	4.211	VV	432	8632	0.58%	0.015%
88	4.215	4.211	4.231	VV	318	3199	0.21%	0.006%
89	4.251	4.231	4.254	VV	295	3634	0.24%	0.006%
90	4.266	4.254	4.276	VV	346	4187	0.28%	0.007%
91	4.283	4.276	4.300	VV	342	4381	0.29%	0.008%
92	4.316	4.300	4.334	VV	455	6946	0.46%	0.012%
93	4.338	4.334	4.343	VV	330	1640	0.11%	0.003%
94	4.347	4.343	4.367	VV	296	3614	0.24%	0.006%
95	4.374	4.367	4.379	VV	210	1416	0.09%	0.003%
96	4.400	4.379	4.434	VV	293	6865	0.46%	0.012%
97	4.438	4.434	4.443	VV	184	966	0.06%	0.002%
98	4.447	4.443	4.466	VV	201	2525	0.17%	0.004%
99	4.472	4.466	4.486	VV	199	2070	0.14%	0.004%
100	4.489	4.486	4.494	VV	193	823	0.05%	0.001%
101	4.500	4.494	4.511	VV	195	1715	0.11%	0.003%
102	4.538	4.511	4.563	VV	599	9726	0.65%	0.017%
103	4.581	4.563	4.602	VV	243	4371	0.29%	0.008%
104	4.622	4.602	4.629	VV	254	3348	0.22%	0.006%
105	4.650	4.629	4.682	VV	444	8722	0.58%	0.015%
106	4.713	4.682	4.735	VV	1148	15910	1.06%	0.028%
107	4.739	4.735	4.747	VV	282	1734	0.12%	0.003%
108	4.750	4.747	4.756	VV	321	1449	0.10%	0.003%
109	4.767	4.756	4.818	VV	346	9655	0.64%	0.017%
110	4.824	4.818	4.837	VV	230	2115	0.14%	0.004%
111	4.842	4.837	4.854	VV	211	1680	0.11%	0.003%
112	4.859	4.854	4.880	VV	227	2979	0.20%	0.005%
113	4.887	4.880	4.894	VV	207	1331	0.09%	0.002%
114	4.918	4.894	5.011	VV	4276	84721	5.66%	0.150%
115	5.014	5.011	5.029	VV	397	3812	0.25%	0.007%
116	5.032	5.029	5.054	VV	387	4801	0.32%	0.009%
117	5.058	5.054	5.074	VV	280	2819	0.19%	0.005%
118	5.084	5.074	5.093	VV	231	2184	0.15%	0.004%
119	5.096	5.093	5.104	VV	218	1254	0.08%	0.002%
120	5.139	5.104	5.165	VV	380	10116	0.68%	0.018%
121	5.170	5.165	5.178	VV	302	2242	0.15%	0.004%
122	5.197	5.178	5.241	VV	6226	76265	5.09%	0.135%
123	5.246	5.241	5.261	VV	430	4280	0.29%	0.008%
124	5.265	5.261	5.274	VV	338	2281	0.15%	0.004%
125	5.279	5.274	5.324	VV	346	8119	0.54%	0.014%
126	5.328	5.324	5.334	VV	245	1293	0.09%	0.002%

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127	5.361	5.334	5.405	VV	554	13053	0.87%	0.023%
128	5.421	5.405	5.442	VV	216	3556	0.24%	0.006%
129	5.445	5.442	5.449	VV	166	585	0.04%	0.001%
130	5.486	5.449	5.537	VV	918	19412	1.30%	0.034%
131	5.545	5.537	5.560	VV	248	2715	0.18%	0.005%
132	5.564	5.560	5.579	VV	212	1814	0.12%	0.003%
133	5.584	5.579	5.599	VV	157	1328	0.09%	0.002%
134	5.619	5.599	5.633	VV	168	2465	0.16%	0.004%
135	5.639	5.633	5.651	VV	98	808	0.05%	0.001%
136	5.675	5.651	5.702	VV	373	5785	0.39%	0.010%
137	5.706	5.702	5.721	VV	128	1391	0.09%	0.002%
138	5.724	5.721	5.735	VV	188	1043	0.07%	0.002%
139	5.748	5.735	5.762	VV	156	2192	0.15%	0.004%
140	5.766	5.762	5.778	VV	155	953	0.06%	0.002%
141	5.809	5.778	5.840	VV	381	9046	0.60%	0.016%
142	5.849	5.840	5.860	VV	195	2034	0.14%	0.004%
143	5.867	5.860	5.903	VV	184	3125	0.21%	0.006%
144	5.921	5.903	5.927	VV	146	1461	0.10%	0.003%
145	5.946	5.927	5.953	VV	219	2582	0.17%	0.005%
146	5.961	5.953	5.965	VV	156	988	0.07%	0.002%
147	5.972	5.965	5.980	VV	205	1470	0.10%	0.003%
148	5.987	5.980	6.004	VV	181	1983	0.13%	0.004%
149	6.008	6.004	6.029	VV	162	1502	0.10%	0.003%
150	6.034	6.029	6.038	VV	113	376	0.03%	0.001%
151	6.042	6.038	6.053	VV	152	924	0.06%	0.002%
152	6.062	6.053	6.082	VV	145	1350	0.09%	0.002%
153	6.087	6.082	6.106	VV	86	588	0.04%	0.001%
154	6.149	6.106	6.178	VV	234	4946	0.33%	0.009%
155	6.188	6.178	6.194	VV	152	1088	0.07%	0.002%
156	6.209	6.194	6.218	VV	184	1865	0.12%	0.003%
157	6.249	6.218	6.268	VV	843	12812	0.86%	0.023%
158	6.273	6.268	6.289	VV	377	3993	0.27%	0.007%
159	6.299	6.289	6.326	VV	309	5157	0.34%	0.009%
160	6.331	6.326	6.336	VV	211	1088	0.07%	0.002%
161	6.341	6.336	6.357	VV	210	2196	0.15%	0.004%
162	6.365	6.357	6.378	VV	186	1857	0.12%	0.003%
163	6.416	6.378	6.459	VV	1004	16511	1.10%	0.029%
164	6.466	6.459	6.478	VV	123	1145	0.08%	0.002%
165	6.483	6.478	6.492	VV	187	1284	0.09%	0.002%
166	6.496	6.492	6.508	VV	191	1337	0.09%	0.002%
167	6.511	6.508	6.521	VV	133	790	0.05%	0.001%
168	6.547	6.521	6.569	VV	484	8164	0.55%	0.014%
169	6.575	6.569	6.613	VV	362	8103	0.54%	0.014%
170	6.618	6.613	6.623	VV	288	1479	0.10%	0.003%
171	6.648	6.623	6.666	VV	355	7484	0.50%	0.013%
172	6.669	6.666	6.674	VV	288	1384	0.09%	0.002%
173	6.679	6.674	6.683	VV	299	1446	0.10%	0.003%
174	6.705	6.683	6.729	VV	551	9615	0.64%	0.017%

175	6.733	6.729	6.751	VV	rteres 277	2776	0.19%	0.005%
176	6.785	6.751	6.808	VV	322	7564	0.51%	0.013%
177	6.823	6.808	6.834	VV	263	2927	0.20%	0.005%
178	6.860	6.834	6.877	VV	267	4386	0.29%	0.008%
179	6.880	6.877	6.886	VV	123	495	0.03%	0.001%
180	6.892	6.886	6.901	VV	112	729	0.05%	0.001%
181	6.913	6.901	6.922	VV	73	686	0.05%	0.001%
182	6.937	6.922	6.965	VV	215	2716	0.18%	0.005%
183	6.967	6.965	6.977	VV	69	235	0.02%	0.000%
184	6.991	6.977	7.006	PV	185	1969	0.13%	0.003%
185	7.020	7.006	7.024	VV	104	566	0.04%	0.001%
186	7.039	7.024	7.050	VV	131	1233	0.08%	0.002%
187	7.056	7.050	7.063	VV	84	554	0.04%	0.001%
188	7.070	7.063	7.078	VV	113	766	0.05%	0.001%
189	7.087	7.078	7.093	VV	106	685	0.05%	0.001%
190	7.103	7.093	7.107	VV	102	653	0.04%	0.001%
191	7.118	7.107	7.124	VV	113	864	0.06%	0.002%
192	7.131	7.124	7.135	VV	75	336	0.02%	0.001%
193	7.165	7.135	7.177	VV	208	3444	0.23%	0.006%
194	7.181	7.177	7.191	VV	148	888	0.06%	0.002%
195	7.216	7.191	7.229	VV	316	5413	0.36%	0.010%
196	7.240	7.229	7.265	VV	272	4778	0.32%	0.008%
197	7.277	7.265	7.310	VV	235	5131	0.34%	0.009%
198	7.325	7.310	7.333	VV	366	3892	0.26%	0.007%
199	7.346	7.333	7.368	VV	484	7323	0.49%	0.013%
200	7.383	7.368	7.413	VV	334	7711	0.51%	0.014%
201	7.424	7.413	7.461	VV	392	6886	0.46%	0.012%
202	7.478	7.461	7.507	VV	416	6779	0.45%	0.012%
203	7.523	7.507	7.539	VV	344	4205	0.28%	0.007%
204	7.551	7.539	7.568	VV	251	3354	0.22%	0.006%
205	7.574	7.568	7.582	VV	152	1159	0.08%	0.002%
206	7.594	7.582	7.623	VV	176	3020	0.20%	0.005%
207	7.629	7.623	7.633	VV	216	1091	0.07%	0.002%
208	7.651	7.633	7.677	VV	765	10095	0.67%	0.018%
209	7.698	7.677	7.711	VV	349	5019	0.34%	0.009%
210	7.721	7.711	7.731	VV	325	3420	0.23%	0.006%
211	7.735	7.731	7.743	VV	262	1495	0.10%	0.003%
212	7.748	7.743	7.752	VV	192	819	0.05%	0.001%
213	7.756	7.752	7.760	VV	157	742	0.05%	0.001%
214	7.766	7.760	7.778	VV	209	1877	0.13%	0.003%
215	7.781	7.778	7.800	VV	220	2329	0.16%	0.004%
216	7.807	7.800	7.812	VV	176	1111	0.07%	0.002%
217	7.819	7.812	7.824	VV	183	1204	0.08%	0.002%
218	7.828	7.824	7.862	VV	257	2677	0.18%	0.005%
219	7.866	7.862	7.883	VV	160	1583	0.11%	0.003%
220	7.889	7.883	7.900	VV	137	1152	0.08%	0.002%
221	7.917	7.900	7.925	VV	168	1866	0.12%	0.003%

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222	7.934	7.925	7.957	VV	212	2554	0.17%	0.005%
223	7.966	7.957	7.985	VV	130	1301	0.09%	0.002%
224	8.011	7.985	8.039	PV	238	3698	0.25%	0.007%
225	8.081	8.039	8.093	VV	445	7054	0.47%	0.012%
226	8.107	8.093	8.127	VV	477	7232	0.48%	0.013%
227	8.136	8.127	8.169	VV	328	5940	0.40%	0.011%
228	8.181	8.169	8.206	VV	294	4566	0.30%	0.008%
229	8.224	8.206	8.240	VV	345	5237	0.35%	0.009%
230	8.261	8.240	8.273	VV	346	4907	0.33%	0.009%
231	8.277	8.273	8.300	VV	259	2851	0.19%	0.005%
232	8.313	8.300	8.334	VV	169	2697	0.18%	0.005%
233	8.352	8.334	8.372	VV	547	6870	0.46%	0.012%
234	8.386	8.372	8.393	VV	295	3237	0.22%	0.006%
235	8.396	8.393	8.402	VV	274	1540	0.10%	0.003%
236	8.432	8.402	8.447	VV	576	11683	0.78%	0.021%
237	8.456	8.447	8.483	VV	508	9070	0.61%	0.016%
238	8.490	8.483	8.493	VV	392	2182	0.15%	0.004%
239	8.497	8.493	8.500	VV	394	1477	0.10%	0.003%
240	8.532	8.500	8.576	VV	2014	37604	2.51%	0.067%
241	8.598	8.576	8.617	VV	372	7846	0.52%	0.014%
242	8.644	8.617	8.684	VV	1990	36561	2.44%	0.065%
243	8.687	8.684	8.718	VV	777	6958	0.46%	0.012%
244	8.731	8.718	8.746	VV	289	4092	0.27%	0.007%
245	8.750	8.746	8.758	VV	190	1206	0.08%	0.002%
246	8.767	8.758	8.784	VV	232	3045	0.20%	0.005%
247	8.787	8.784	8.810	VV	194	1464	0.10%	0.003%
248	8.825	8.810	8.838	VV	131	1059	0.07%	0.002%
249	8.862	8.838	8.870	PV	210	1726	0.12%	0.003%
250	8.899	8.870	8.921	VV	391	8386	0.56%	0.015%
251	8.941	8.921	8.956	VV	949	12436	0.83%	0.022%
252	8.967	8.956	8.979	VV	677	7451	0.50%	0.013%
253	8.985	8.979	9.003	VV	370	4432	0.30%	0.008%
254	9.039	9.003	9.053	VV	426	9585	0.64%	0.017%
255	9.073	9.053	9.111	VV	641	11574	0.77%	0.020%
256	9.147	9.111	9.168	VV	446	8630	0.58%	0.015%
257	9.173	9.168	9.178	VV	270	1554	0.10%	0.003%
258	9.185	9.178	9.207	VV	349	4363	0.29%	0.008%
259	9.226	9.207	9.237	VV	514	6241	0.42%	0.011%
260	9.280	9.237	9.323	VV	1208	30267	2.02%	0.054%
261	9.360	9.323	9.383	VV	1193	18755	1.25%	0.033%
262	9.397	9.383	9.419	VV	433	5809	0.39%	0.010%
263	9.433	9.419	9.442	VV	149	1352	0.09%	0.002%
264	9.449	9.442	9.458	VV	199	1482	0.10%	0.003%
265	9.463	9.458	9.474	VV	178	1133	0.08%	0.002%
266	9.481	9.474	9.488	VV	119	612	0.04%	0.001%
267	9.511	9.488	9.528	VV	273	3131	0.21%	0.006%
268	9.549	9.528	9.576	VV	219	3062	0.20%	0.005%
269	9.597	9.576	9.615	PV	255	3258	0.22%	0.006%

270	9.620	9.615	9.628	VV	106	585	0.04%	0.001%
271	9.651	9.628	9.673	VV	260	3811	0.25%	0.007%
272	9.693	9.673	9.719	VV	2260	31627	2.11%	0.056%
273	9.735	9.719	9.770	VV	1269	25668	1.71%	0.045%
274	9.778	9.770	9.790	VV	380	3960	0.26%	0.007%
275	9.810	9.790	9.843	VV	451	10059	0.67%	0.018%
276	9.880	9.843	9.902	VV	497	10743	0.72%	0.019%
277	9.917	9.902	9.934	VV	308	4040	0.27%	0.007%
278	9.938	9.934	9.943	VV	138	644	0.04%	0.001%
279	9.973	9.943	9.985	VV	446	7248	0.48%	0.013%
280	10.011	9.985	10.123	VV	37312	536696	35.83%	0.950%
281	10.141	10.123	10.182	VV	1848	38567	2.57%	0.068%
282	10.185	10.182	10.209	VV	669	8896	0.59%	0.016%
283	10.215	10.209	10.230	VV	483	5126	0.34%	0.009%
284	10.245	10.230	10.278	VV	658	11181	0.75%	0.020%
285	10.302	10.278	10.339	VV	346	7506	0.50%	0.013%
286	10.343	10.339	10.353	VV	110	585	0.04%	0.001%
287	10.359	10.353	10.387	VV	103	1018	0.07%	0.002%
288	10.412	10.387	10.427	PV	127	1350	0.09%	0.002%
289	10.480	10.427	10.509	PV	1303	22998	1.54%	0.041%
290	10.530	10.509	10.555	VV	1034	15624	1.04%	0.028%
291	10.575	10.555	10.591	VV	457	7298	0.49%	0.013%
292	10.594	10.591	10.606	VV	398	3042	0.20%	0.005%
293	10.621	10.606	10.645	VV	625	9098	0.61%	0.016%
294	10.666	10.645	10.687	VV	408	5810	0.39%	0.010%
295	10.700	10.687	10.715	VV	432	4342	0.29%	0.008%
296	10.731	10.715	10.747	VV	470	5508	0.37%	0.010%
297	10.766	10.747	10.775	VV	623	7058	0.47%	0.012%
298	10.797	10.775	10.821	VV	838	18895	1.26%	0.033%
299	10.837	10.821	10.865	VV	986	16168	1.08%	0.029%
300	10.880	10.865	10.897	VV	1178	14985	1.00%	0.027%
301	10.906	10.897	10.923	VV	493	6054	0.40%	0.011%
302	10.951	10.923	10.969	VV	1026	20149	1.35%	0.036%
303	10.982	10.969	11.023	VV	964	18212	1.22%	0.032%
304	11.036	11.023	11.059	VV	383	5716	0.38%	0.010%
305	11.072	11.059	11.081	VV	266	2565	0.17%	0.005%
306	11.103	11.081	11.116	VV	657	9370	0.63%	0.017%
307	11.139	11.116	11.193	VV	10869	175005	11.68%	0.310%
308	11.218	11.193	11.243	VV	3423	52586	3.51%	0.093%
309	11.258	11.243	11.289	VV	879	17657	1.18%	0.031%
310	11.299	11.289	11.314	VV	374	4836	0.32%	0.009%
311	11.329	11.314	11.365	VV	544	8270	0.55%	0.015%
312	11.391	11.365	11.410	PV	294	4448	0.30%	0.008%
313	11.414	11.410	11.422	VV	186	1035	0.07%	0.002%
314	11.443	11.422	11.458	VV	1306	17006	1.14%	0.030%
315	11.465	11.458	11.488	VV	950	12919	0.86%	0.023%
316	11.516	11.488	11.544	VV	755	18820	1.26%	0.033%

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317	11.557	11.544	11.566	VV	656	7298	0.49%	0.013%
318	11.586	11.566	11.597	VV	1848	23648	1.58%	0.042%
319	11.609	11.597	11.640	VV	1779	32379	2.16%	0.057%
320	11.664	11.640	11.721	VV	3300	62959	4.20%	0.111%
321	11.744	11.721	11.762	VV	1188	16384	1.09%	0.029%
322	11.779	11.762	11.811	VV	906	15116	1.01%	0.027%
323	11.848	11.811	11.866	VV	1863	36762	2.45%	0.065%
324	11.878	11.866	11.922	VV	1207	31303	2.09%	0.055%
325	11.944	11.922	11.960	VV	2557	34895	2.33%	0.062%
326	11.978	11.960	12.027	VV	3364	75347	5.03%	0.133%
327	12.061	12.027	12.080	VV	3412	67689	4.52%	0.120%
328	12.093	12.080	12.107	VV	2138	28168	1.88%	0.050%
329	12.124	12.107	12.165	VV	2389	48319	3.23%	0.086%
330	12.194	12.165	12.212	VV	929	18099	1.21%	0.032%
331	12.255	12.212	12.270	VV	2224	52783	3.52%	0.093%
332	12.281	12.270	12.296	VV	1866	24437	1.63%	0.043%
333	12.315	12.296	12.319	VV	2677	27483	1.83%	0.049%
334	12.350	12.319	12.394	VV	3681	108971	7.28%	0.193%
335	12.417	12.394	12.450	VV	2087	38716	2.58%	0.069%
336	12.467	12.450	12.481	VV	895	13232	0.88%	0.023%
337	12.509	12.481	12.571	VV	71685	925270	61.77%	1.638%
338	12.582	12.571	12.611	VV	1945	33460	2.23%	0.059%
339	12.624	12.611	12.633	VV	800	9760	0.65%	0.017%
340	12.638	12.633	12.648	VV	733	6424	0.43%	0.011%
341	12.651	12.648	12.655	VV	727	3381	0.23%	0.006%
342	12.669	12.655	12.681	VV	980	12298	0.82%	0.022%
343	12.688	12.681	12.707	VV	683	8345	0.56%	0.015%
344	12.736	12.707	12.745	VV	1125	16355	1.09%	0.029%
345	12.750	12.745	12.777	VV	965	11503	0.77%	0.020%
346	12.810	12.777	12.824	VV	1670	27270	1.82%	0.048%
347	12.844	12.824	12.864	VV	2569	39332	2.63%	0.070%
348	12.897	12.864	12.935	VV	2841	58203	3.89%	0.103%
349	12.961	12.935	13.027	VV	32193	395830	26.43%	0.701%
350	13.037	13.027	13.052	VV	374	4598	0.31%	0.008%
351	13.058	13.052	13.074	VV	293	2469	0.16%	0.004%
352	13.102	13.074	13.128	PV	952	17407	1.16%	0.031%
353	13.148	13.128	13.166	VV	1884	29472	1.97%	0.052%
354	13.180	13.166	13.201	VV	892	16009	1.07%	0.028%
355	13.215	13.201	13.234	VV	824	11507	0.77%	0.020%
356	13.259	13.234	13.296	VV	26845	315641	21.07%	0.559%
357	13.317	13.296	13.335	VV	3669	49672	3.32%	0.088%
358	13.350	13.335	13.376	VV	2435	32143	2.15%	0.057%
359	13.393	13.376	13.403	VV	326	3408	0.23%	0.006%
360	13.409	13.403	13.418	VV	210	1268	0.08%	0.002%
361	13.438	13.418	13.454	VV	785	8391	0.56%	0.015%
362	13.478	13.454	13.488	PV	387	4956	0.33%	0.009%
363	13.533	13.488	13.563	VV	3526	86707	5.79%	0.154%
364	13.583	13.563	13.643	VV	2481	55229	3.69%	0.098%

365	13.661	13.643	13.673	VV	575	6860	0.46%	0.012%
366	13.680	13.673	13.693	VV	333	2577	0.17%	0.005%
367	13.739	13.693	13.804	PV	13786	215570	14.39%	0.382%
368	13.853	13.804	13.896	VV	4356	77483	5.17%	0.137%
369	13.920	13.896	13.939	VV	1334	19300	1.29%	0.034%
370	13.961	13.939	13.979	VV	2730	36549	2.44%	0.065%
371	14.000	13.979	14.024	VV	2501	37804	2.52%	0.067%
372	14.046	14.024	14.070	VV	2374	38621	2.58%	0.068%
373	14.097	14.070	14.115	VV	3730	55826	3.73%	0.099%
374	14.128	14.115	14.147	VV	2634	36613	2.44%	0.065%
375	14.169	14.147	14.220	VV	1980	43958	2.93%	0.078%
376	14.250	14.220	14.264	VV	467	6573	0.44%	0.012%
377	14.295	14.264	14.353	PV	5275	99988	6.68%	0.177%
378	14.363	14.353	14.380	VV	833	9154	0.61%	0.016%
379	14.395	14.380	14.403	VV	594	6594	0.44%	0.012%
380	14.423	14.403	14.442	VV	2116	28022	1.87%	0.050%
381	14.457	14.442	14.472	VV	873	11548	0.77%	0.020%
382	14.511	14.472	14.547	VV	3549	92429	6.17%	0.164%
383	14.565	14.547	14.583	VV	2856	47601	3.18%	0.084%
384	14.600	14.583	14.622	VV	3076	49884	3.33%	0.088%
385	14.633	14.622	14.638	VV	1267	11349	0.76%	0.020%
386	14.662	14.638	14.685	VV	5749	100753	6.73%	0.178%
387	14.690	14.685	14.705	VV	2310	25730	1.72%	0.046%
388	14.721	14.705	14.742	VV	3374	56367	3.76%	0.100%
389	14.771	14.742	14.809	VV	3843	101775	6.79%	0.180%
390	14.832	14.809	14.850	VV	4701	75745	5.06%	0.134%
391	14.882	14.850	14.892	VV	3996	79123	5.28%	0.140%
392	14.907	14.892	14.933	VV	4081	78920	5.27%	0.140%
393	14.944	14.933	14.964	VV	2531	43086	2.88%	0.076%
394	14.998	14.964	15.029	VV	107768	1497814	100.00%	2.652%
395	15.036	15.029	15.053	VV	5873	72876	4.87%	0.129%
396	15.068	15.053	15.087	VV	4289	77728	5.19%	0.138%
397	15.102	15.087	15.118	VV	4021	69818	4.66%	0.124%
398	15.144	15.118	15.163	VV	15307	246882	16.48%	0.437%
399	15.185	15.163	15.229	VV	20659	442776	29.56%	0.784%
400	15.250	15.229	15.287	VV	6965	174797	11.67%	0.310%
401	15.309	15.287	15.329	VV	6277	125758	8.40%	0.223%
402	15.334	15.329	15.360	VV	4348	70064	4.68%	0.124%
403	15.399	15.360	15.423	VV	5668	166872	11.14%	0.295%
404	15.454	15.423	15.477	VV	6194	171905	11.48%	0.304%
405	15.493	15.477	15.526	VV	5640	149539	9.98%	0.265%
406	15.589	15.526	15.659	VV	43292	1277024	85.26%	2.261%
407	15.664	15.659	15.686	VV	8776	124119	8.29%	0.220%
408	15.690	15.686	15.699	VV	6640	51026	3.41%	0.090%
409	15.739	15.699	15.764	VV	33177	663482	44.30%	1.175%
410	15.793	15.764	15.809	VV	14337	313805	20.95%	0.556%
411	15.820	15.809	15.840	VV	10228	164015	10.95%	0.290%

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412	15.855	15.840	15.879	VV	7848	166102	11.09%	0.294%
413	15.908	15.879	15.935	VV	9177	263452	17.59%	0.466%
414	15.941	15.935	15.945	VV	8399	49265	3.29%	0.087%
415	15.963	15.945	15.974	VV	9305	152903	10.21%	0.271%
416	15.981	15.974	16.008	VV	9282	170877	11.41%	0.303%
417	16.102	16.008	16.116	VV	12856	617828	41.25%	1.094%
418	16.136	16.116	16.171	VV	16077	386514	25.81%	0.684%
419	16.219	16.171	16.245	VV	17078	486091	32.45%	0.861%
420	16.262	16.245	16.273	VV	10035	164084	10.95%	0.291%
421	16.305	16.273	16.328	VV	18380	470381	31.40%	0.833%
422	16.346	16.328	16.376	VV	18364	358600	23.94%	0.635%
423	16.405	16.376	16.446	VV	17653	468103	31.25%	0.829%
424	16.453	16.446	16.488	VV	8553	194362	12.98%	0.344%
425	16.512	16.488	16.519	VV	18404	262444	17.52%	0.465%
426	16.532	16.519	16.557	VV	21912	360415	24.06%	0.638%
427	16.561	16.557	16.564	VV	9270	40959	2.73%	0.073%
428	16.576	16.564	16.589	VV	9797	142775	9.53%	0.253%
429	16.615	16.589	16.644	VV	16029	415173	27.72%	0.735%
430	16.669	16.644	16.687	VV	22384	409474	27.34%	0.725%
431	16.709	16.687	16.730	VV	34541	599635	40.03%	1.062%
432	16.738	16.730	16.762	VV	16864	261688	17.47%	0.463%
433	16.788	16.762	16.815	VV	14291	336846	22.49%	0.596%
434	16.861	16.815	16.895	VV	35286	773124	51.62%	1.369%
435	16.901	16.895	16.912	VV	8626	86805	5.80%	0.154%
436	16.943	16.912	16.977	VV	30691	618623	41.30%	1.095%
437	17.031	16.977	17.065	VV	22606	653868	43.65%	1.158%
438	17.091	17.065	17.120	VV	23392	483075	32.25%	0.855%
439	17.124	17.120	17.139	VV	8495	94351	6.30%	0.167%
440	17.193	17.139	17.203	VV	15652	492906	32.91%	0.873%
441	17.221	17.203	17.243	VV	25323	444621	29.68%	0.787%
442	17.250	17.243	17.279	VV	12802	225389	15.05%	0.399%
443	17.295	17.279	17.299	VV	8353	94277	6.29%	0.167%
444	17.309	17.299	17.315	VV	8553	78031	5.21%	0.138%
445	17.343	17.315	17.349	VV	8928	174214	11.63%	0.308%
446	17.356	17.349	17.365	VV	9057	87118	5.82%	0.154%
447	17.373	17.365	17.383	VV	9218	92577	6.18%	0.164%
448	17.387	17.383	17.390	VV	8798	39805	2.66%	0.070%
449	17.420	17.390	17.435	VV	9264	238276	15.91%	0.422%
450	17.458	17.435	17.464	VV	9541	150542	10.05%	0.267%
451	17.473	17.464	17.482	VV	9436	97812	6.53%	0.173%
452	17.499	17.482	17.533	VV	10021	283118	18.90%	0.501%
453	17.554	17.533	17.583	VV	14399	344428	23.00%	0.610%
454	17.592	17.583	17.607	VV	11347	157443	10.51%	0.279%
455	17.624	17.607	17.683	VV	16019	514493	34.35%	0.911%
456	17.705	17.683	17.729	VV	8611	220685	14.73%	0.391%
457	17.751	17.729	17.776	VV	10367	257768	17.21%	0.456%
458	17.792	17.776	17.819	VV	8231	192003	12.82%	0.340%
459	17.830	17.819	17.844	VV	7256	104189	6.96%	0.184%

460	17.856	17.844	17.866	VV	7071	89106	5.95%	0.158%
461	17.869	17.866	17.875	VV	6824	36783	2.46%	0.065%
462	17.893	17.875	17.899	VV	6740	94557	6.31%	0.167%
463	17.911	17.899	17.928	VV	7365	115834	7.73%	0.205%
464	17.935	17.928	17.940	VV	6792	49103	3.28%	0.087%
465	17.966	17.940	17.983	VV	8007	188916	12.61%	0.335%
466	18.017	17.983	18.029	VV	9476	230242	15.37%	0.408%
467	18.064	18.029	18.105	VV	13888	442770	29.56%	0.784%
468	18.114	18.105	18.127	VV	7458	94089	6.28%	0.167%
469	18.154	18.127	18.178	VV	11227	262411	17.52%	0.465%
470	18.211	18.178	18.226	VV	10936	267165	17.84%	0.473%
471	18.240	18.226	18.276	VV	10316	274442	18.32%	0.486%
472	18.289	18.276	18.326	VV	9586	234201	15.64%	0.415%
473	18.345	18.326	18.351	VV	6669	95296	6.36%	0.169%
474	18.382	18.351	18.408	VV	12652	333328	22.25%	0.590%
475	18.436	18.408	18.457	VV	31267	662759	44.25%	1.174%
476	18.467	18.457	18.536	VV	25631	779453	52.04%	1.380%
477	18.551	18.536	18.556	VV	8820	100524	6.71%	0.178%
478	18.581	18.556	18.598	VV	11813	258548	17.26%	0.458%
479	18.604	18.598	18.622	VV	11111	139222	9.30%	0.247%
480	18.635	18.622	18.660	VV	8838	186993	12.48%	0.331%
481	18.665	18.660	18.675	VV	7381	63052	4.21%	0.112%
482	18.683	18.675	18.688	VV	6785	50775	3.39%	0.090%
483	18.696	18.688	18.701	VV	6711	50782	3.39%	0.090%
484	18.722	18.701	18.753	VV	17117	368601	24.61%	0.653%
485	18.759	18.753	18.765	VV	7704	52527	3.51%	0.093%
486	18.770	18.765	18.775	VV	7651	44430	2.97%	0.079%
487	18.786	18.775	18.826	VV	7933	204667	13.66%	0.362%
488	18.892	18.826	18.922	VV	13123	549294	36.67%	0.973%
489	18.926	18.922	18.943	VV	6948	81672	5.45%	0.145%
490	18.965	18.943	18.976	VV	8507	146998	9.81%	0.260%
491	19.000	18.976	19.021	VV	12584	268614	17.93%	0.476%
492	19.050	19.021	19.076	VV	10616	288167	19.24%	0.510%
493	19.090	19.076	19.114	VV	8159	160690	10.73%	0.285%
494	19.178	19.114	19.189	VV	9126	338231	22.58%	0.599%
495	19.194	19.189	19.204	VV	8240	70064	4.68%	0.124%
496	19.223	19.204	19.227	VV	8625	119322	7.97%	0.211%
497	19.269	19.227	19.360	VV	25173	1271124	84.87%	2.251%
498	19.393	19.360	19.409	VV	12905	339533	22.67%	0.601%
499	19.427	19.409	19.459	VV	13767	364460	24.33%	0.645%
500	19.496	19.459	19.523	VV	13592	437638	29.22%	0.775%
501	19.559	19.523	19.580	VV	14877	409041	27.31%	0.724%
502	19.590	19.580	19.620	VV	12110	259619	17.33%	0.460%
503	19.644	19.620	19.652	VV	10834	198051	13.22%	0.351%
504	19.683	19.652	19.697	VV	13969	333792	22.29%	0.591%
505	19.710	19.697	19.724	VV	13000	204074	13.62%	0.361%
506	19.747	19.724	19.767	VV	15609	342088	22.84%	0.606%

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507	19.797	19.767	19.834	VV	16357	563522	37.62%	0.998%
508	19.857	19.834	19.869	VV	15611	304218	20.31%	0.539%
509	19.891	19.869	19.918	VV	16352	437537	29.21%	0.775%
510	19.923	19.918	19.930	VV	13938	96923	6.47%	0.172%
511	19.962	19.930	20.001	VV	17621	653759	43.65%	1.158%
512	20.036	20.001	20.081	VV	21539	867071	57.89%	1.535%
513	20.084	20.081	20.100	VV	17018	189365	12.64%	0.335%
514	20.103	20.100	20.124	VV	16345	224581	14.99%	0.398%
515	20.130	20.124	20.137	VV	14807	114744	7.66%	0.203%
516	20.164	20.137	20.168	VV	15857	286889	19.15%	0.508%
517	20.172	20.168	20.186	VV	15891	159079	10.62%	0.282%
518	20.216	20.186	20.221	VV	16169	332841	22.22%	0.589%
519	20.235	20.221	20.239	VV	16939	176756	11.80%	0.313%
520	20.286	20.239	20.290	VV	20442	570192	38.07%	1.010%
521	20.304	20.290	20.343	VV	22227	625808	41.78%	1.108%
522	20.349	20.343	20.363	VV	17748	206079	13.76%	0.365%
523	20.382	20.363	20.392	VV	18297	301740	20.15%	0.534%
524	20.396	20.392	20.400	VV	17999	89995	6.01%	0.159%
525	20.422	20.400	20.462	VV	20429	697870	46.59%	1.236%
526	20.466	20.462	20.475	VV	18134	142180	9.49%	0.252%
527	20.507	20.475	20.512	VV	18500	401719	26.82%	0.711%
528	20.521	20.512	20.533	VV	18764	229115	15.30%	0.406%
529	20.546	20.533	20.557	VV	18578	257141	17.17%	0.455%
530	20.585	20.557	20.625	VV	29049	906729	60.54%	1.606%
531	20.634	20.625	20.640	VV	19688	175557	11.72%	0.311%
532	20.655	20.640	20.667	VV	19840	319808	21.35%	0.566%
533	20.686	20.667	20.700	VV	19881	376963	25.17%	0.667%
534	20.705	20.700	20.711	VV	19234	128822	8.60%	0.228%
535	20.743	20.711	20.748	VV	20193	427084	28.51%	0.756%
536	20.754	20.748	20.759	VV	20023	130290	8.70%	0.231%
537	20.778	20.759	20.814	VV	21491	663602	44.30%	1.175%
538	20.821	20.814	20.858	VV	19506	480536	32.08%	0.851%
539	20.885	20.858	20.914	VV	19536	620163	41.40%	1.098%
540	20.937	20.914	20.942	VV	18584	296219	19.78%	0.525%
541	20.946	20.942	20.963	VV	18257	229677	15.33%	0.407%
542	20.968	20.963	20.996	VV	16886	313981	20.96%	0.556%
543	21.001	20.996	21.006	VV	15764	95788	6.40%	0.170%
544	21.019	21.006	21.033	VV	16046	256295	17.11%	0.454%
545	21.036	21.033	21.047	VV	15673	129587	8.65%	0.229%
546	21.053	21.047	21.063	VV	15423	137345	9.17%	0.243%
547	21.067	21.063	21.094	VV	15693	285964	19.09%	0.506%
548	21.099	21.094	21.106	VV	14944	107760	7.19%	0.191%
549	21.116	21.106	21.128	VV	14693	186061	12.42%	0.329%
550	21.156	21.128	21.199	VV	16822	631839	42.18%	1.119%
551	21.203	21.199	21.215	VV	12841	116938	7.81%	0.207%
552	21.226	21.215	21.238	VV	12527	169052	11.29%	0.299%
553	21.245	21.238	21.250	VV	12527	87552	5.85%	0.155%
554	21.255	21.250	21.271	VV	12411	149275	9.97%	0.264%

555	21.286	21.271	21.290	VV	12011	136300	9.10%	0.241%
556	21.302	21.290	21.310	VV	12096	139219	9.29%	0.247%
557	21.316	21.310	21.329	VV	11329	128051	8.55%	0.227%
558	21.345	21.329	21.353	VV	11090	151966	10.15%	0.269%
559	21.357	21.353	21.361	VV	10961	53373	3.56%	0.095%
560	21.365	21.361	21.381	VV	10691	122207	8.16%	0.216%
561	21.402	21.381	21.419	VV	10286	227438	15.18%	0.403%
562	21.423	21.419	21.464	VV	9555	233990	15.62%	0.414%
563	21.469	21.464	21.489	VV	8116	118342	7.90%	0.210%
564	21.493	21.489	21.498	VV	7663	37996	2.54%	0.067%
565	21.502	21.498	21.530	VV	7807	142617	9.52%	0.253%
566	21.536	21.530	21.540	VV	7214	42814	2.86%	0.076%
567	21.543	21.540	21.558	VV	7128	70345	4.70%	0.125%
568	21.587	21.558	21.594	VV	9358	177544	11.85%	0.314%
569	21.598	21.594	21.623	VV	8917	134750	9.00%	0.239%
570	21.627	21.623	21.637	VV	6372	53781	3.59%	0.095%
571	21.642	21.637	21.668	VV	5845	98104	6.55%	0.174%
572	21.671	21.668	21.675	VV	5037	23083	1.54%	0.041%
573	21.679	21.675	21.683	VV	5032	23183	1.55%	0.041%
574	21.691	21.683	21.708	VV	5107	71393	4.77%	0.126%
575	21.717	21.708	21.722	VV	4956	42153	2.81%	0.075%
576	21.736	21.722	21.751	VV	5133	81325	5.43%	0.144%
577	21.756	21.751	21.760	VV	4006	19177	1.28%	0.034%
578	21.772	21.760	21.785	VV	4177	55623	3.71%	0.098%
579	21.789	21.785	21.797	VV	3517	24902	1.66%	0.044%
580	21.805	21.797	21.809	VV	3483	22366	1.49%	0.040%
581	21.818	21.809	21.835	VV	3402	48835	3.26%	0.086%
582	21.840	21.835	21.846	VV	3091	17311	1.16%	0.031%
583	21.850	21.846	21.859	VV	2697	19410	1.30%	0.034%
584	21.862	21.859	21.889	VV	2326	33055	2.21%	0.059%
585	21.894	21.889	21.899	VV	1442	7112	0.47%	0.013%
586	21.909	21.899	21.913	VV	1542	10444	0.70%	0.018%
587	21.923	21.913	21.934	VV	1437	16011	1.07%	0.028%
588	21.936	21.934	21.942	VV	1264	5178	0.35%	0.009%
589	21.949	21.942	21.957	VV	1067	7113	0.47%	0.013%
590	21.969	21.957	21.978	VV	777	6251	0.42%	0.011%
591	21.985	21.978	21.990	VV	385	1695	0.11%	0.003%
592	22.002	21.990	22.009	VV	601	4395	0.29%	0.008%
593	22.021	22.009	22.028	VV	428	2357	0.16%	0.004%
594	22.069	22.028	22.074	PV	1892	20533	1.37%	0.036%
595	22.079	22.074	22.100	VBA	1648	31848	2.13%	0.056%

Sum of corrected areas: 56475102

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