

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100623\
 Data File : FG013017.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2023 15:57
 Sample : 04765-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092123.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.908	1.900	1.948	BV	226	2392	0.02%	0.001%
2	1.963	1.948	1.990	PV	337	3235	0.03%	0.001%
3	1.997	1.990	2.003	PV	53	334	0.00%	0.000%
4	2.008	2.003	2.025	VV	152	1274	0.01%	0.001%
5	2.030	2.025	2.042	VV	130	995	0.01%	0.000%
6	2.076	2.042	2.139	VV	93379	1528962	14.35%	0.659%
7	2.152	2.139	2.168	VV	180	2199	0.02%	0.001%
8	2.173	2.168	2.205	VV	111	1216	0.01%	0.001%
9	2.215	2.205	2.225	PV	73	352	0.00%	0.000%
10	2.229	2.225	2.235	VV	79	286	0.00%	0.000%
11	2.257	2.235	2.275	VV	163	2197	0.02%	0.001%
12	2.296	2.275	2.345	VV	500	10583	0.10%	0.005%
13	2.363	2.345	2.408	VV	2671	36493	0.34%	0.016%
14	2.425	2.408	2.477	VV	683	11949	0.11%	0.005%
15	2.482	2.477	2.489	VV	101	418	0.00%	0.000%
16	2.495	2.489	2.503	VV	92	306	0.00%	0.000%
17	2.524	2.503	2.530	PV	88	1002	0.01%	0.000%
18	2.550	2.530	2.564	VV	162	2388	0.02%	0.001%
19	2.566	2.564	2.570	VV	126	356	0.00%	0.000%
20	2.581	2.570	2.603	VV	128	1820	0.02%	0.001%
21	2.622	2.603	2.628	VV	127	1240	0.01%	0.001%
22	2.652	2.628	2.689	VV	597	10525	0.10%	0.005%
23	2.696	2.689	2.726	VV	200	2707	0.03%	0.001%
24	2.731	2.726	2.741	VV	85	390	0.00%	0.000%
25	2.765	2.741	2.826	VV	743	15327	0.14%	0.007%
26	2.851	2.826	2.868	VV	284	5013	0.05%	0.002%
27	2.874	2.868	2.900	VV	259	3777	0.04%	0.002%
28	2.921	2.900	2.943	VV	289	4740	0.04%	0.002%
29	2.982	2.943	3.016	VV	3613	62605	0.59%	0.027%
30	3.035	3.016	3.064	VV	625	13681	0.13%	0.006%
31	3.082	3.064	3.111	VV	793	15342	0.14%	0.007%
32	3.116	3.111	3.122	VV	364	2248	0.02%	0.001%
33	3.126	3.122	3.148	VV	341	4418	0.04%	0.002%
34	3.152	3.148	3.158	VV	264	1543	0.01%	0.001%
35	3.170	3.158	3.180	VV	313	3589	0.03%	0.002%
36	3.209	3.180	3.227	VV	555	11683	0.11%	0.005%

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37	3.231	3.227	3.236	VV	364	1986	0.02%	0.001%
38	3.242	3.236	3.251	VV	379	3052	0.03%	0.001%
39	3.256	3.251	3.263	VV	406	2464	0.02%	0.001%
40	3.271	3.263	3.276	VV	336	2500	0.02%	0.001%
41	3.288	3.276	3.292	VV	353	2963	0.03%	0.001%
42	3.307	3.292	3.317	VV	393	5300	0.05%	0.002%
43	3.322	3.317	3.327	VV	347	1915	0.02%	0.001%
44	3.346	3.327	3.379	VV	515	13518	0.13%	0.006%
45	3.413	3.379	3.434	VV	701	16242	0.15%	0.007%
46	3.438	3.434	3.448	VV	434	3284	0.03%	0.001%
47	3.462	3.448	3.499	VV	491	10536	0.10%	0.005%
48	3.520	3.499	3.537	VV	237	4610	0.04%	0.002%
49	3.539	3.537	3.544	VV	215	807	0.01%	0.000%
50	3.573	3.544	3.595	VV	355	7740	0.07%	0.003%
51	3.603	3.595	3.612	VV	244	1920	0.02%	0.001%
52	3.624	3.612	3.629	VV	205	1858	0.02%	0.001%
53	3.644	3.629	3.655	VV	233	3165	0.03%	0.001%
54	3.693	3.655	3.721	VV	735	14140	0.13%	0.006%
55	3.738	3.721	3.769	VV	282	5742	0.05%	0.002%
56	3.793	3.769	3.821	VV	713	12309	0.12%	0.005%
57	3.832	3.821	3.864	VV	395	6848	0.06%	0.003%
58	3.869	3.864	3.873	VV	213	891	0.01%	0.000%
59	3.890	3.873	3.902	VV	278	3692	0.03%	0.002%
60	3.932	3.902	3.945	VV	542	8341	0.08%	0.004%
61	3.955	3.945	3.988	VV	449	6698	0.06%	0.003%
62	3.996	3.988	4.008	VV	205	2180	0.02%	0.001%
63	4.041	4.008	4.102	VV	312	10525	0.10%	0.005%
64	4.108	4.102	4.112	VV	122	449	0.00%	0.000%
65	4.137	4.112	4.173	VV	822	14256	0.13%	0.006%
66	4.193	4.173	4.220	VV	1204	18082	0.17%	0.008%
67	4.235	4.220	4.277	VV	637	12804	0.12%	0.006%
68	4.322	4.277	4.353	VV	3330	61056	0.57%	0.026%
69	4.367	4.353	4.401	VV	1273	22034	0.21%	0.010%
70	4.405	4.401	4.411	VV	368	2017	0.02%	0.001%
71	4.420	4.411	4.445	VV	405	6844	0.06%	0.003%
72	4.450	4.445	4.454	VV	240	1202	0.01%	0.001%
73	4.464	4.454	4.485	VV	304	4201	0.04%	0.002%
74	4.505	4.485	4.510	VV	218	2572	0.02%	0.001%
75	4.516	4.510	4.524	VV	219	1798	0.02%	0.001%
76	4.531	4.524	4.548	VV	252	3151	0.03%	0.001%
77	4.552	4.548	4.564	VV	184	1394	0.01%	0.001%
78	4.599	4.564	4.632	VV	210349	2201117	20.66%	0.949%
79	4.639	4.632	4.658	VV	541	5944	0.06%	0.003%
80	4.674	4.658	4.705	VV	430	8409	0.08%	0.004%
81	4.723	4.705	4.727	VV	275	3224	0.03%	0.001%
82	4.731	4.727	4.739	VV	258	1542	0.01%	0.001%
83	4.765	4.739	4.789	VV	1142	17145	0.16%	0.007%
84	4.801	4.789	4.807	VV	237	2247	0.02%	0.001%
85	4.829	4.807	4.864	VV	933	14902	0.14%	0.006%
86	4.887	4.864	4.898	VV	333	4435	0.04%	0.002%
87	4.913	4.898	4.938	VV	435	6632	0.06%	0.003%
88	4.949	4.938	4.954	VV	290	2584	0.02%	0.001%
89	4.971	4.954	4.975	VV	536	5307	0.05%	0.002%

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90	4.988	4.975	5.001	VV	609	7759	0.07%	0.003%
91	5.005	5.001	5.029	VV	436	5619	0.05%	0.002%
92	5.060	5.029	5.082	VV	598	13536	0.13%	0.006%
93	5.112	5.082	5.141	VV	796	19171	0.18%	0.008%
94	5.148	5.141	5.177	VV	375	5744	0.05%	0.002%
95	5.183	5.177	5.202	VV	259	2540	0.02%	0.001%
96	5.221	5.202	5.231	VV	278	3683	0.03%	0.002%
97	5.236	5.231	5.242	VV	298	1801	0.02%	0.001%
98	5.256	5.242	5.277	VV	320	4498	0.04%	0.002%
99	5.282	5.277	5.286	VV	161	786	0.01%	0.000%
100	5.304	5.286	5.337	VV	728	11376	0.11%	0.005%
101	5.357	5.337	5.379	VV	926	11127	0.10%	0.005%
102	5.388	5.379	5.399	VV	274	2383	0.02%	0.001%
103	5.413	5.399	5.431	VV	645	7852	0.07%	0.003%
104	5.441	5.431	5.466	VV	367	3724	0.03%	0.002%
105	5.485	5.466	5.524	PV	409	6616	0.06%	0.003%
106	5.544	5.524	5.573	VV	1553	19246	0.18%	0.008%
107	5.580	5.573	5.596	VV	251	2581	0.02%	0.001%
108	5.614	5.596	5.633	VV	384	5097	0.05%	0.002%
109	5.647	5.633	5.658	VV	140	1287	0.01%	0.001%
110	5.675	5.658	5.718	PV	785	13006	0.12%	0.006%
111	5.740	5.718	5.776	VV	1208	18117	0.17%	0.008%
112	5.789	5.776	5.798	VV	516	5553	0.05%	0.002%
113	5.803	5.798	5.827	VV	453	4734	0.04%	0.002%
114	5.846	5.827	5.883	VV	823	13532	0.13%	0.006%
115	5.887	5.883	5.904	VV	222	1286	0.01%	0.001%
116	5.928	5.904	5.952	VV	372	5300	0.05%	0.002%
117	5.991	5.952	6.000	VV	416	7099	0.07%	0.003%
118	6.010	6.000	6.025	VV	553	5958	0.06%	0.003%
119	6.047	6.025	6.107	VV	1153	24662	0.23%	0.011%
120	6.110	6.107	6.119	VV	178	1129	0.01%	0.000%
121	6.133	6.119	6.138	VV	277	2480	0.02%	0.001%
122	6.154	6.138	6.162	VV	314	3595	0.03%	0.002%
123	6.177	6.162	6.197	VV	496	7755	0.07%	0.003%
124	6.214	6.197	6.240	VV	362	5065	0.05%	0.002%
125	6.252	6.240	6.262	VV	234	2166	0.02%	0.001%
126	6.276	6.262	6.292	VV	557	6713	0.06%	0.003%
127	6.313	6.292	6.342	VV	7334	80322	0.75%	0.035%
128	6.346	6.342	6.354	VV	428	2999	0.03%	0.001%
129	6.358	6.354	6.377	VV	504	5383	0.05%	0.002%
130	6.384	6.377	6.404	VV	333	3574	0.03%	0.002%
131	6.417	6.404	6.448	VV	324	3870	0.04%	0.002%
132	6.463	6.448	6.469	PV	314	2380	0.02%	0.001%
133	6.484	6.469	6.528	VV	581	9841	0.09%	0.004%
134	6.547	6.528	6.554	VV	204	2197	0.02%	0.001%
135	6.563	6.554	6.567	VV	303	1684	0.02%	0.001%
136	6.571	6.567	6.583	VV	261	1850	0.02%	0.001%
137	6.611	6.583	6.640	VV	1673	21885	0.21%	0.009%
138	6.659	6.640	6.675	VV	418	6400	0.06%	0.003%
139	6.685	6.675	6.703	VV	431	5724	0.05%	0.002%
140	6.720	6.703	6.735	VV	824	10105	0.09%	0.004%
141	6.773	6.735	6.804	VV	238781	2340885	21.97%	1.010%

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142	6.809	6.804	6.839	VV	660	10209	0.10%	0.004%
143	6.855	6.839	6.891	VV	583	12127	0.11%	0.005%
144	6.927	6.891	6.948	VV	663	13055	0.12%	0.006%
145	6.965	6.948	6.991	VV	415	7437	0.07%	0.003%
146	7.002	6.991	7.015	VV	228	2165	0.02%	0.001%
147	7.044	7.015	7.053	PV	234	3455	0.03%	0.001%
148	7.057	7.053	7.068	VV	221	1330	0.01%	0.001%
149	7.103	7.068	7.129	VV	768	14035	0.13%	0.006%
150	7.150	7.129	7.170	VV	748	11192	0.11%	0.005%
151	7.178	7.170	7.200	VV	441	6463	0.06%	0.003%
152	7.217	7.200	7.238	VV	655	10374	0.10%	0.004%
153	7.256	7.238	7.273	VV	2342	27535	0.26%	0.012%
154	7.284	7.273	7.299	VV	919	13519	0.13%	0.006%
155	7.309	7.299	7.333	VV	844	15384	0.14%	0.007%
156	7.347	7.333	7.376	VV	907	18004	0.17%	0.008%
157	7.410	7.376	7.431	VV	3971	50948	0.48%	0.022%
158	7.445	7.431	7.463	VV	976	12222	0.11%	0.005%
159	7.469	7.463	7.481	VV	431	3728	0.03%	0.002%
160	7.499	7.481	7.532	VV	498	10053	0.09%	0.004%
161	7.550	7.532	7.573	VV	1878	19749	0.19%	0.009%
162	7.590	7.573	7.607	VV	1427	16238	0.15%	0.007%
163	7.621	7.607	7.638	VV	673	9040	0.08%	0.004%
164	7.647	7.638	7.658	VV	344	3469	0.03%	0.001%
165	7.673	7.658	7.695	VV	437	7081	0.07%	0.003%
166	7.723	7.695	7.772	VV	2010	34259	0.32%	0.015%
167	7.792	7.772	7.809	VV	451	7554	0.07%	0.003%
168	7.813	7.809	7.824	VV	250	1626	0.02%	0.001%
169	7.842	7.824	7.848	VV	352	3877	0.04%	0.002%
170	7.852	7.848	7.878	VV	323	4041	0.04%	0.002%
171	7.902	7.878	7.924	VV	503	7282	0.07%	0.003%
172	7.939	7.924	7.965	VV	352	4594	0.04%	0.002%
173	7.977	7.965	7.993	PV	150	1468	0.01%	0.001%
174	8.013	7.993	8.040	VV	770	9834	0.09%	0.004%
175	8.070	8.040	8.083	VV	302	4792	0.04%	0.002%
176	8.093	8.083	8.106	VV	211	2282	0.02%	0.001%
177	8.110	8.106	8.117	VV	157	857	0.01%	0.000%
178	8.151	8.117	8.168	VV	1563	32201	0.30%	0.014%
179	8.177	8.168	8.197	VV	907	13321	0.13%	0.006%
180	8.208	8.197	8.240	VV	578	8715	0.08%	0.004%
181	8.260	8.240	8.277	VV	441	7048	0.07%	0.003%
182	8.311	8.277	8.326	VV	1395	27609	0.26%	0.012%
183	8.340	8.326	8.365	VV	1218	23064	0.22%	0.010%
184	8.380	8.365	8.393	VV	814	10409	0.10%	0.004%
185	8.411	8.393	8.416	VV	1565	15317	0.14%	0.007%
186	8.428	8.416	8.464	VV	2228	33958	0.32%	0.015%
187	8.498	8.464	8.516	VV	2079	37528	0.35%	0.016%
188	8.531	8.516	8.547	VV	2096	26948	0.25%	0.012%
189	8.575	8.547	8.580	VV	6148	75384	0.71%	0.033%
190	8.607	8.580	8.669	VV	230039	2425669	22.77%	1.046%
191	8.718	8.669	8.751	VV	12950	178784	1.68%	0.077%
192	8.770	8.751	8.798	VV	2093	35866	0.34%	0.015%
193	8.810	8.798	8.827	VV	901	10488	0.10%	0.005%
194	8.836	8.827	8.848	VV	431	4491	0.04%	0.002%

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195	8.875	8.848	8.891	VV	463	9360	0.09%	0.004%
196	8.902	8.891	8.922	VV	362	4722	0.04%	0.002%
197	8.969	8.922	8.992	VV	1591	27005	0.25%	0.012%
198	9.016	8.992	9.043	VV	3101	43390	0.41%	0.019%
199	9.070	9.043	9.094	VV	2134	39238	0.37%	0.017%
200	9.105	9.094	9.119	VV	1041	13456	0.13%	0.006%
201	9.137	9.119	9.173	VV	1657	33258	0.31%	0.014%
202	9.181	9.173	9.191	VV	577	5331	0.05%	0.002%
203	9.210	9.191	9.219	VV	761	10611	0.10%	0.005%
204	9.260	9.219	9.278	VV	1554	35835	0.34%	0.015%
205	9.293	9.278	9.312	VV	1358	17320	0.16%	0.007%
206	9.350	9.312	9.374	VV	2426	52253	0.49%	0.023%
207	9.381	9.374	9.412	VV	1010	15641	0.15%	0.007%
208	9.434	9.412	9.457	VV	2916	42914	0.40%	0.019%
209	9.471	9.457	9.502	VV	1546	24362	0.23%	0.011%
210	9.528	9.502	9.560	VV	1894	26744	0.25%	0.012%
211	9.585	9.560	9.603	PV	1461	20522	0.19%	0.009%
212	9.620	9.603	9.638	VV	1861	20921	0.20%	0.009%
213	9.672	9.638	9.698	VV	3327	47381	0.44%	0.020%
214	9.726	9.698	9.742	VV	1181	18714	0.18%	0.008%
215	9.763	9.742	9.787	VV	4972	66698	0.63%	0.029%
216	9.809	9.787	9.816	VV	2796	31750	0.30%	0.014%
217	9.826	9.816	9.847	VV	3042	41392	0.39%	0.018%
218	9.852	9.847	9.867	VV	1069	10180	0.10%	0.004%
219	9.889	9.867	9.918	VV	1878	33133	0.31%	0.014%
220	9.931	9.918	9.939	VV	1282	12672	0.12%	0.005%
221	9.955	9.939	9.978	VV	2990	42957	0.40%	0.019%
222	9.998	9.978	10.011	VV	2113	29347	0.28%	0.013%
223	10.020	10.011	10.034	VV	1746	19515	0.18%	0.008%
224	10.050	10.034	10.055	VV	1244	13462	0.13%	0.006%
225	10.068	10.055	10.102	VV	1631	25336	0.24%	0.011%
226	10.155	10.102	10.175	VV	2422	55005	0.52%	0.024%
227	10.183	10.175	10.191	VV	869	7832	0.07%	0.003%
228	10.220	10.191	10.283	VV	227179	2442321	22.92%	1.053%
229	10.287	10.283	10.295	VV	524	3597	0.03%	0.002%
230	10.300	10.295	10.304	VV	612	3023	0.03%	0.001%
231	10.330	10.304	10.362	VV	782	16797	0.16%	0.007%
232	10.399	10.362	10.419	VV	535	11219	0.11%	0.005%
233	10.433	10.419	10.449	VV	503	5148	0.05%	0.002%
234	10.476	10.449	10.483	PV	360	3458	0.03%	0.001%
235	10.516	10.483	10.539	VV	1452	25135	0.24%	0.011%
236	10.563	10.539	10.594	VV	1282	25384	0.24%	0.011%
237	10.609	10.594	10.628	VV	1170	14750	0.14%	0.006%
238	10.665	10.628	10.681	VV	1855	37977	0.36%	0.016%
239	10.696	10.681	10.719	VV	3068	39745	0.37%	0.017%
240	10.737	10.719	10.774	VV	2470	35373	0.33%	0.015%
241	10.813	10.774	10.845	VV	2580	50643	0.48%	0.022%
242	10.866	10.845	10.898	VV	3271	59256	0.56%	0.026%
243	10.915	10.898	10.933	VV	2278	32832	0.31%	0.014%
244	10.961	10.933	10.973	VV	2707	42695	0.40%	0.018%
245	10.981	10.973	11.000	VV	2152	25251	0.24%	0.011%
246	11.022	11.000	11.075	VV	2832	62827	0.59%	0.027%

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247	11.093	11.075	11.131	VV	1092	22354	0.21%	0.010%
248	11.149	11.131	11.161	VV	238	2725	0.03%	0.001%
249	11.185	11.161	11.196	PV	1085	11589	0.11%	0.005%
250	11.219	11.196	11.265	VV	24223	307160	2.88%	0.132%
251	11.294	11.265	11.325	VV	13122	156448	1.47%	0.067%
252	11.328	11.325	11.333	VV	845	3677	0.03%	0.002%
253	11.339	11.333	11.343	VV	794	4414	0.04%	0.002%
254	11.347	11.343	11.369	VV	752	8628	0.08%	0.004%
255	11.388	11.369	11.427	VV	744	14911	0.14%	0.006%
256	11.434	11.427	11.451	VV	240	2229	0.02%	0.001%
257	11.471	11.451	11.490	VV	1233	14119	0.13%	0.006%
258	11.526	11.490	11.553	VV	1694	36511	0.34%	0.016%
259	11.616	11.553	11.624	PV	1417	41119	0.39%	0.018%
260	11.668	11.624	11.698	VV	220498	2462870	23.12%	1.062%
261	11.716	11.698	11.726	VV	2016	28951	0.27%	0.012%
262	11.749	11.726	11.791	VV	3436	74006	0.69%	0.032%
263	11.822	11.791	11.841	PV	1860	28060	0.26%	0.012%
264	11.874	11.841	11.894	VV	2157	44133	0.41%	0.019%
265	11.923	11.894	11.946	VV	3497	54160	0.51%	0.023%
266	11.958	11.946	11.962	VV	673	5607	0.05%	0.002%
267	11.970	11.962	11.998	VV	769	12020	0.11%	0.005%
268	12.026	11.998	12.041	VV	8292	93531	0.88%	0.040%
269	12.056	12.041	12.099	VV	8721	104688	0.98%	0.045%
270	12.142	12.099	12.159	VV	9368	166215	1.56%	0.072%
271	12.175	12.159	12.189	VV	7411	87203	0.82%	0.038%
272	12.206	12.189	12.235	VV	9503	115395	1.08%	0.050%
273	12.239	12.235	12.253	VV	281	1431	0.01%	0.001%
274	12.280	12.253	12.300	PV	1277	19610	0.18%	0.008%
275	12.341	12.300	12.370	VV	2543	62234	0.58%	0.027%
276	12.387	12.370	12.402	VV	2462	30136	0.28%	0.013%
277	12.430	12.402	12.477	VV	3193	68242	0.64%	0.029%
278	12.498	12.477	12.518	VV	5003	58601	0.55%	0.025%
279	12.531	12.518	12.546	VV	1150	14477	0.14%	0.006%
280	12.591	12.546	12.629	VV	84615	1058145	9.93%	0.456%
281	12.640	12.629	12.658	VV	2189	33226	0.31%	0.014%
282	12.674	12.658	12.694	VV	1717	26829	0.25%	0.012%
283	12.706	12.694	12.711	VV	1164	9114	0.09%	0.004%
284	12.715	12.711	12.720	VV	1014	5102	0.05%	0.002%
285	12.731	12.720	12.735	VV	1171	9519	0.09%	0.004%
286	12.751	12.735	12.764	VV	1918	26159	0.25%	0.011%
287	12.771	12.764	12.787	VV	1395	14380	0.13%	0.006%
288	12.817	12.787	12.833	VV	3481	55498	0.52%	0.024%
289	12.837	12.833	12.860	VV	2070	16961	0.16%	0.007%
290	12.880	12.860	12.908	PV	3886	62929	0.59%	0.027%
291	12.929	12.908	12.948	VV	11057	145401	1.36%	0.063%
292	12.983	12.948	13.012	VV	206848	2510840	23.57%	1.083%
293	13.046	13.012	13.088	VV	52975	613172	5.76%	0.264%
294	13.104	13.088	13.125	VV	334	3812	0.04%	0.002%
295	13.144	13.125	13.155	PV	1029	10615	0.10%	0.005%
296	13.183	13.155	13.203	VV	7223	101300	0.95%	0.044%
297	13.210	13.203	13.222	VV	3477	37071	0.35%	0.016%
298	13.234	13.222	13.248	VV	3604	46481	0.44%	0.020%
299	13.257	13.248	13.270	VV	2221	26132	0.25%	0.011%

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300	13.288	13.270	13.322	VV	4506	61959	0.58%	0.027%
301	13.346	13.322	13.369	VV	56372	624667	5.86%	0.269%
302	13.379	13.369	13.386	VV	2449	22581	0.21%	0.010%
303	13.401	13.386	13.417	VV	4256	51102	0.48%	0.022%
304	13.435	13.417	13.466	VV	3923	53007	0.50%	0.023%
305	13.477	13.466	13.481	VV	970	5926	0.06%	0.003%
306	13.489	13.481	13.493	VV	880	6305	0.06%	0.003%
307	13.498	13.493	13.503	VV	833	4766	0.04%	0.002%
308	13.519	13.503	13.531	VV	1960	24228	0.23%	0.010%
309	13.546	13.531	13.573	VV	1513	24702	0.23%	0.011%
310	13.609	13.573	13.633	PV	8477	135014	1.27%	0.058%
311	13.662	13.633	13.673	VV	4426	82620	0.78%	0.036%
312	13.681	13.673	13.722	VV	4133	60757	0.57%	0.026%
313	13.745	13.722	13.757	VV	2639	36425	0.34%	0.016%
314	13.773	13.757	13.784	VV	2349	30471	0.29%	0.013%
315	13.823	13.784	13.872	VV	28403	445984	4.19%	0.192%
316	13.877	13.872	13.889	VV	1014	8060	0.08%	0.003%
317	13.936	13.889	13.975	VV	14932	253860	2.38%	0.109%
318	14.006	13.975	14.020	VV	1633	27205	0.26%	0.012%
319	14.045	14.020	14.066	VV	8628	116234	1.09%	0.050%
320	14.084	14.066	14.106	VV	8434	106552	1.00%	0.046%
321	14.131	14.106	14.151	VV	3482	62526	0.59%	0.027%
322	14.185	14.151	14.210	VV	194347	2410421	22.63%	1.040%
323	14.214	14.210	14.237	VV	10183	94512	0.89%	0.041%
324	14.256	14.237	14.275	VV	7410	89798	0.84%	0.039%
325	14.288	14.275	14.308	VV	1352	17743	0.17%	0.008%
326	14.314	14.308	14.318	VV	904	4236	0.04%	0.002%
327	14.330	14.318	14.345	VV	1181	13080	0.12%	0.006%
328	14.366	14.345	14.379	VV	642	7227	0.07%	0.003%
329	14.414	14.379	14.438	VV	1986	35149	0.33%	0.015%
330	14.467	14.438	14.480	PV	435	8674	0.08%	0.004%
331	14.485	14.480	14.491	VV	198	852	0.01%	0.000%
332	14.523	14.491	14.534	PV	825	8797	0.08%	0.004%
333	14.575	14.534	14.595	VV	2740	49567	0.47%	0.021%
334	14.614	14.595	14.617	VV	1587	16785	0.16%	0.007%
335	14.639	14.617	14.658	VV	3955	71989	0.68%	0.031%
336	14.673	14.658	14.688	VV	5256	65377	0.61%	0.028%
337	14.697	14.688	14.720	VV	2179	30234	0.28%	0.013%
338	14.748	14.720	14.766	VV	6227	97365	0.91%	0.042%
339	14.779	14.766	14.797	VV	4781	69179	0.65%	0.030%
340	14.805	14.797	14.811	VV	2513	17976	0.17%	0.008%
341	14.815	14.811	14.827	VV	2058	17151	0.16%	0.007%
342	14.854	14.827	14.870	VV	6586	105022	0.99%	0.045%
343	14.878	14.870	14.896	VV	3721	47835	0.45%	0.021%
344	14.917	14.896	14.938	VV	10798	143036	1.34%	0.062%
345	14.975	14.938	15.001	VV	5954	129098	1.21%	0.056%
346	15.012	15.001	15.021	VV	1590	15076	0.14%	0.007%
347	15.041	15.021	15.057	VV	2611	39001	0.37%	0.017%
348	15.086	15.057	15.121	VV	77598	1100312	10.33%	0.475%
349	15.125	15.121	15.155	VV	1667	16974	0.16%	0.007%
350	15.184	15.155	15.202	PV	5636	74339	0.70%	0.032%
351	15.230	15.202	15.250	VV	31055	377615	3.54%	0.163%

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352	15.292	15.250	15.326	VV	185093	2663122	25.00%	1.149%
353	15.343	15.326	15.359	VV	1598	23952	0.22%	0.010%
354	15.390	15.359	15.418	VV	8376	148556	1.39%	0.064%
355	15.433	15.418	15.457	VV	3405	56849	0.53%	0.025%
356	15.478	15.457	15.497	VV	2575	38329	0.36%	0.017%
357	15.544	15.497	15.567	PV	4094	91671	0.86%	0.040%
358	15.588	15.567	15.602	VV	2603	43756	0.41%	0.019%
359	15.626	15.602	15.635	VV	1421	25257	0.24%	0.011%
360	15.669	15.635	15.707	VV	38940	584114	5.48%	0.252%
361	15.719	15.707	15.754	VV	3083	55308	0.52%	0.024%
362	15.761	15.754	15.766	VV	999	6714	0.06%	0.003%
363	15.772	15.766	15.788	VV	1090	10089	0.09%	0.004%
364	15.813	15.788	15.846	VV	6058	129929	1.22%	0.056%
365	15.863	15.846	15.879	VV	5655	76979	0.72%	0.033%
366	15.906	15.879	15.927	VV	14048	198418	1.86%	0.086%
367	15.945	15.927	15.977	VV	6415	103873	0.98%	0.045%
368	15.991	15.977	16.004	VV	2588	31432	0.30%	0.014%
369	16.070	16.004	16.101	VV	9456	320410	3.01%	0.138%
370	16.145	16.101	16.169	VV	3604	90433	0.85%	0.039%
371	16.197	16.169	16.216	VV	2331	40920	0.38%	0.018%
372	16.229	16.216	16.252	VV	2517	36883	0.35%	0.016%
373	16.267	16.252	16.283	VV	3323	47171	0.44%	0.020%
374	16.316	16.283	16.347	VV	176351	2339879	21.96%	1.009%
375	16.352	16.347	16.384	VV	4211	50053	0.47%	0.022%
376	16.390	16.384	16.401	VV	1519	12652	0.12%	0.005%
377	16.421	16.401	16.434	VV	2361	35709	0.34%	0.015%
378	16.456	16.434	16.469	VV	1206	19698	0.18%	0.008%
379	16.520	16.469	16.535	PV	5340	123858	1.16%	0.053%
380	16.546	16.535	16.564	VV	3038	36622	0.34%	0.016%
381	16.590	16.564	16.595	VV	3150	39125	0.37%	0.017%
382	16.618	16.595	16.642	VV	6988	125782	1.18%	0.054%
383	16.655	16.642	16.667	VV	3127	41904	0.39%	0.018%
384	16.687	16.667	16.697	VV	8675	119173	1.12%	0.051%
385	16.706	16.697	16.749	VV	7331	122838	1.15%	0.053%
386	16.796	16.749	16.815	PV	35594	532661	5.00%	0.230%
387	16.822	16.815	16.847	VV	12272	126865	1.19%	0.055%
388	16.852	16.847	16.858	VV	360	2133	0.02%	0.001%
389	16.879	16.858	16.884	PV	1594	14830	0.14%	0.006%
390	16.926	16.884	16.947	VV	10756	164515	1.54%	0.071%
391	16.958	16.947	16.961	VV	2103	12312	0.12%	0.005%
392	16.981	16.961	16.995	VV	3495	47780	0.45%	0.021%
393	17.016	16.995	17.035	VV	2856	47172	0.44%	0.020%
394	17.045	17.035	17.057	VV	2101	22335	0.21%	0.010%
395	17.118	17.057	17.140	VV	23929	431655	4.05%	0.186%
396	17.175	17.140	17.202	VV	27969	389025	3.65%	0.168%
397	17.216	17.202	17.221	VV	2080	18064	0.17%	0.008%
398	17.270	17.221	17.310	VV	180634	2560961	24.04%	1.105%
399	17.319	17.310	17.324	VV	9680	74300	0.70%	0.032%
400	17.328	17.324	17.357	VV	8848	111873	1.05%	0.048%
401	17.371	17.357	17.375	VV	6196	51754	0.49%	0.022%
402	17.387	17.375	17.393	VV	6844	63384	0.59%	0.027%
403	17.403	17.393	17.408	VV	5782	51727	0.49%	0.022%
404	17.415	17.408	17.441	VV	7538	110396	1.04%	0.048%

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405	17.452	17.441	17.463	VV	4275	47861	0.45%	0.021%
406	17.527	17.463	17.547	VV	7392	263292	2.47%	0.114%
407	17.558	17.547	17.563	VV	4889	44007	0.41%	0.019%
408	17.569	17.563	17.574	VV	4226	26725	0.25%	0.012%
409	17.591	17.574	17.619	VV	5484	89447	0.84%	0.039%
410	17.645	17.619	17.650	PV	3993	48145	0.45%	0.021%
411	17.680	17.650	17.687	VV	7756	126815	1.19%	0.055%
412	17.705	17.687	17.739	VV	10649	231638	2.17%	0.100%
413	17.767	17.739	17.781	VV	7851	118559	1.11%	0.051%
414	17.799	17.781	17.814	VV	6131	87344	0.82%	0.038%
415	17.843	17.814	17.867	VV	16719	277578	2.61%	0.120%
416	17.903	17.867	17.915	VV	11277	203662	1.91%	0.088%
417	17.930	17.915	17.942	VV	9575	125721	1.18%	0.054%
418	17.954	17.942	17.968	VV	11557	139008	1.30%	0.060%
419	17.974	17.968	17.986	VV	8308	72461	0.68%	0.031%
420	18.001	17.986	18.005	VV	7930	70622	0.66%	0.030%
421	18.021	18.005	18.040	VV	11441	187590	1.76%	0.081%
422	18.048	18.040	18.053	VV	9672	67802	0.64%	0.029%
423	18.080	18.053	18.092	VV	14072	269523	2.53%	0.116%
424	18.160	18.092	18.188	VV	175224	2880628	27.04%	1.242%
425	18.215	18.188	18.241	VV	14067	298980	2.81%	0.129%
426	18.250	18.241	18.255	VV	5350	41312	0.39%	0.018%
427	18.313	18.255	18.334	VV	24238	605115	5.68%	0.261%
428	18.338	18.334	18.363	VV	14780	208756	1.96%	0.090%
429	18.367	18.363	18.373	VV	8348	47411	0.45%	0.020%
430	18.381	18.373	18.390	VV	7322	65382	0.61%	0.028%
431	18.411	18.390	18.421	VV	10764	137543	1.29%	0.059%
432	18.427	18.421	18.432	VV	7091	41073	0.39%	0.018%
433	18.458	18.432	18.472	VV	16316	267689	2.51%	0.115%
434	18.488	18.472	18.491	VV	16812	166423	1.56%	0.072%
435	18.520	18.491	18.537	VV	39749	769869	7.23%	0.332%
436	18.553	18.537	18.566	VV	35137	530000	4.97%	0.229%
437	18.589	18.566	18.606	VV	27184	556432	5.22%	0.240%
438	18.646	18.606	18.659	VV	29097	732755	6.88%	0.316%
439	18.683	18.659	18.705	VV	48933	973383	9.14%	0.420%
440	18.715	18.705	18.739	VV	27305	479001	4.50%	0.207%
441	18.751	18.739	18.758	VV	23859	239096	2.24%	0.103%
442	18.766	18.758	18.777	VV	22323	229379	2.15%	0.099%
443	18.806	18.777	18.834	VV	38355	899353	8.44%	0.388%
444	18.850	18.834	18.858	VV	22065	303444	2.85%	0.131%
445	18.874	18.858	18.883	VV	24397	339119	3.18%	0.146%
446	18.889	18.883	18.897	VV	24186	183150	1.72%	0.079%
447	18.904	18.897	18.911	VV	25411	205759	1.93%	0.089%
448	18.940	18.911	18.958	VV	31275	754830	7.09%	0.326%
449	18.995	18.958	19.027	VV	190111	3364805	31.58%	1.451%
450	19.045	19.027	19.050	VV	30571	398046	3.74%	0.172%
451	19.060	19.050	19.066	VV	34136	306187	2.87%	0.132%
452	19.073	19.066	19.083	VV	34794	315886	2.97%	0.136%
453	19.108	19.083	19.126	VV	49063	1079669	10.13%	0.466%
454	19.131	19.126	19.139	VV	37542	276148	2.59%	0.119%
455	19.155	19.139	19.172	VV	49295	843520	7.92%	0.364%
456	19.176	19.172	19.182	VV	38756	233272	2.19%	0.101%

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457	19.189	19.182	19.199	VV	41859	396070	3.72%	0.171%
458	19.203	19.199	19.208	VV	38653	194535	1.83%	0.084%
459	19.214	19.208	19.222	VV	38397	314807	2.95%	0.136%
460	19.242	19.222	19.261	VV	41625	876967	8.23%	0.378%
461	19.277	19.261	19.281	VV	36731	421008	3.95%	0.182%
462	19.291	19.281	19.298	VV	36281	356118	3.34%	0.154%
463	19.306	19.298	19.312	VV	36434	294221	2.76%	0.127%
464	19.351	19.312	19.373	VV	58167	1664451	15.62%	0.718%
465	19.390	19.373	19.408	VV	55208	1042174	9.78%	0.449%
466	19.431	19.408	19.436	VV	56763	819132	7.69%	0.353%
467	19.442	19.436	19.467	VV	56268	962974	9.04%	0.415%
468	19.470	19.467	19.476	VV	47268	251255	2.36%	0.108%
469	19.507	19.476	19.545	VV	60307	2101545	19.73%	0.906%
470	19.551	19.545	19.558	VV	46276	343871	3.23%	0.148%
471	19.563	19.558	19.566	VV	43273	212145	1.99%	0.091%
472	19.574	19.566	19.583	VV	45714	421040	3.95%	0.182%
473	19.599	19.583	19.613	VV	51072	854132	8.02%	0.368%
474	19.634	19.613	19.640	VV	54522	784514	7.36%	0.338%
475	19.646	19.640	19.653	VV	53706	378211	3.55%	0.163%
476	19.679	19.653	19.687	VV	53592	1032963	9.70%	0.446%
477	19.708	19.687	19.717	VV	59168	969741	9.10%	0.418%
478	19.781	19.717	19.814	VV	219699	6017078	56.48%	2.595%
479	19.817	19.814	19.835	VV	82007	959530	9.01%	0.414%
480	19.841	19.835	19.846	VV	77177	492975	4.63%	0.213%
481	19.852	19.846	19.861	VV	81399	702716	6.60%	0.303%
482	19.864	19.861	19.869	VV	74451	365042	3.43%	0.157%
483	19.875	19.869	19.883	VV	73543	595184	5.59%	0.257%
484	19.905	19.883	19.916	VV	81535	1466466	13.76%	0.632%
485	19.926	19.916	19.933	VV	80822	773650	7.26%	0.334%
486	19.951	19.933	19.966	VV	82873	1600569	15.02%	0.690%
487	19.970	19.966	19.982	VV	84746	790136	7.42%	0.341%
488	19.988	19.982	19.993	VV	83128	578516	5.43%	0.250%
489	19.997	19.993	20.012	VV	84123	930054	8.73%	0.401%
490	20.034	20.012	20.038	VV	87811	1290877	12.12%	0.557%
491	20.045	20.038	20.053	VV	90018	789982	7.42%	0.341%
492	20.058	20.053	20.063	VV	88392	495136	4.65%	0.214%
493	20.068	20.063	20.081	VV	90343	946106	8.88%	0.408%
494	20.087	20.081	20.101	VV	86647	1045392	9.81%	0.451%
495	20.155	20.101	20.160	VV	115322	3554852	33.37%	1.533%
496	20.164	20.160	20.168	VV	113253	553541	5.20%	0.239%
497	20.173	20.168	20.190	VV	111301	1415530	13.29%	0.611%
498	20.219	20.190	20.227	VV	119595	2537581	23.82%	1.094%
499	20.232	20.227	20.235	VV	113873	493673	4.63%	0.213%
500	20.238	20.235	20.244	VV	116252	631191	5.92%	0.272%
501	20.259	20.244	20.282	VV	117159	2435969	22.87%	1.051%
502	20.289	20.282	20.295	VV	111184	860371	8.08%	0.371%
503	20.320	20.295	20.333	VV	116882	2560923	24.04%	1.105%
504	20.355	20.333	20.368	VV	119657	2381493	22.35%	1.027%
505	20.373	20.368	20.382	VV	113282	885488	8.31%	0.382%
506	20.414	20.382	20.425	VV	125601	3094427	29.05%	1.335%
507	20.462	20.425	20.467	VV	134983	3273428	30.73%	1.412%
508	20.525	20.467	20.572	VV	289715	10653636	100.00%	4.595%
509	20.583	20.572	20.596	VV	134880	1884947	17.69%	0.813%

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510	20.600	20.596	20.614	VV	126678	1321912	12.41%	0.570%
511	20.663	20.614	20.668	VV	143460	4124794	38.72%	1.779%
512	20.684	20.668	20.688	VV	151159	1735188	16.29%	0.748%
513	20.697	20.688	20.702	VV	154970	1284909	12.06%	0.554%
514	20.711	20.702	20.719	VV	156608	1530367	14.36%	0.660%
515	20.733	20.719	20.738	VV	169674	1849332	17.36%	0.798%
516	20.759	20.738	20.768	VV	174426	3035264	28.49%	1.309%
517	20.773	20.768	20.797	VV	163605	2714645	25.48%	1.171%
518	20.805	20.797	20.830	VV	151345	2774488	26.04%	1.197%
519	20.835	20.830	20.840	VV	127182	705694	6.62%	0.304%
520	20.850	20.840	20.873	VV	127331	2309596	21.68%	0.996%
521	20.891	20.873	20.903	VV	113983	1961724	18.41%	0.846%
522	20.938	20.903	20.947	VV	131853	3177793	29.83%	1.371%
523	20.953	20.947	20.956	VV	129594	742332	6.97%	0.320%
524	20.984	20.956	20.989	VV	149007	2672611	25.09%	1.153%
525	20.992	20.989	20.996	VV	147468	624705	5.86%	0.269%
526	21.014	20.996	21.033	VV	157449	3298932	30.97%	1.423%
527	21.038	21.033	21.043	VV	152442	874402	8.21%	0.377%
528	21.048	21.043	21.058	VV	150653	1394568	13.09%	0.601%
529	21.070	21.058	21.078	VV	147461	1728673	16.23%	0.746%
530	21.086	21.078	21.093	VV	152054	1305740	12.26%	0.563%
531	21.100	21.093	21.112	VV	145244	1641253	15.41%	0.708%
532	21.118	21.112	21.186	VV	131516	4811640	45.16%	2.075%
533	21.191	21.186	21.195	VV	85567	460234	4.32%	0.199%
534	21.218	21.195	21.225	VV	96517	1644833	15.44%	0.709%
535	21.235	21.225	21.239	VV	95841	807810	7.58%	0.348%
536	21.289	21.239	21.331	VV	232003	8062719	75.68%	3.478%
537	21.337	21.331	21.344	VV	108703	853179	8.01%	0.368%
538	21.363	21.344	21.388	VV	111994	2838076	26.64%	1.224%
539	21.393	21.388	21.422	VV	102858	1976256	18.55%	0.852%
540	21.430	21.422	21.441	VV	91697	987910	9.27%	0.426%
541	21.459	21.441	21.501	VV	93551	3153080	29.60%	1.360%
542	21.505	21.501	21.517	VV	82825	733941	6.89%	0.317%
543	21.524	21.517	21.534	VV	72970	730748	6.86%	0.315%
544	21.587	21.534	21.597	VV	82029	2725345	25.58%	1.175%
545	21.615	21.597	21.623	VV	84296	1257732	11.81%	0.542%
546	21.627	21.623	21.634	VV	81252	550286	5.17%	0.237%
547	21.639	21.634	21.648	VV	82931	678295	6.37%	0.293%
548	21.654	21.648	21.692	VV	83187	1997636	18.75%	0.862%
549	21.699	21.692	21.724	VV	70208	1245662	11.69%	0.537%
550	21.734	21.724	21.743	VV	64616	677057	6.36%	0.292%
551	21.760	21.743	21.765	VV	61312	798064	7.49%	0.344%
552	21.782	21.765	21.816	VV	64528	1784188	16.75%	0.770%
553	21.819	21.816	21.826	VV	54663	323203	3.03%	0.139%
554	21.853	21.826	21.872	VV	56350	1431427	13.44%	0.617%
555	21.880	21.872	21.886	VV	47096	378515	3.55%	0.163%
556	21.907	21.886	21.914	VV	46149	721981	6.78%	0.311%
557	21.924	21.914	21.928	VV	45754	396245	3.72%	0.171%
558	21.940	21.928	21.948	VV	56679	621861	5.84%	0.268%
559	21.957	21.948	21.963	VV	58423	502227	4.71%	0.217%
560	21.969	21.963	21.973	VV	61696	356706	3.35%	0.154%
561	21.990	21.973	21.998	VV	73359	1023638	9.61%	0.442%

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562	22.006	21.998	22.040	VV	73117	1577391	14.81%	0.680%
563	22.044	22.040	22.062	VV	54308	606847	5.70%	0.262%
564	22.067	22.062	22.097	VV	40629	729138	6.84%	0.314%
565	22.102	22.097	22.108	VV	27917	168289	1.58%	0.073%
566	22.113	22.108	22.120	VV	25912	169669	1.59%	0.073%
567	22.141	22.120	22.166	VV	38885	887942	8.33%	0.383%
568	22.184	22.166	22.190	VV	37980	486934	4.57%	0.210%
569	22.193	22.190	22.203	VV	36863	273896	2.57%	0.118%
570	22.247	22.203	22.296	VV	108644	3183953	29.89%	1.373%

Sum of corrected areas: 231853340

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