

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081823\
 Data File : FG012728.D
 Signal(s) : FID1A.ch
 Acq On : 18 Aug 2023 17:55
 Sample : 04046-02
 Misc :
 ALS Vial : 13 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	1.606	1.600	1.613	BV	759	4862	0.22%	0.005%
2	1.628	1.613	1.664	VV	3929	53456	2.45%	0.051%
3	1.677	1.664	1.713	VV	1970	32649	1.50%	0.031%
4	1.741	1.713	1.759	VV	824	19276	0.88%	0.018%
5	1.769	1.759	1.786	VV	771	10897	0.50%	0.010%
6	1.790	1.786	1.807	VV	641	7525	0.35%	0.007%
7	1.818	1.807	1.830	VV	697	8964	0.41%	0.009%
8	1.850	1.830	1.874	VV	864	18635	0.85%	0.018%
9	1.888	1.874	1.899	VV	660	8905	0.41%	0.008%
10	1.914	1.899	1.932	VV	870	13497	0.62%	0.013%
11	1.937	1.932	1.943	VV	576	3592	0.16%	0.003%
12	1.966	1.943	1.976	VV	609	11174	0.51%	0.011%
13	1.988	1.976	2.015	VV	695	13719	0.63%	0.013%
14	2.021	2.015	2.033	VV	566	5578	0.26%	0.005%
15	2.041	2.033	2.046	VV	496	3607	0.17%	0.003%
16	2.062	2.046	2.070	VV	615	8029	0.37%	0.008%
17	2.083	2.070	2.111	VV	818	15163	0.70%	0.014%
18	2.115	2.111	2.126	VV	476	3893	0.18%	0.004%
19	2.129	2.126	2.134	VV	438	2107	0.10%	0.002%
20	2.147	2.134	2.179	VV	542	11979	0.55%	0.011%
21	2.190	2.179	2.205	VV	366	5305	0.24%	0.005%
22	2.207	2.205	2.211	VV	335	1156	0.05%	0.001%
23	2.223	2.211	2.231	VV	340	3581	0.16%	0.003%
24	2.234	2.231	2.241	VV	328	1867	0.09%	0.002%
25	2.254	2.241	2.274	VV	524	8436	0.39%	0.008%
26	2.283	2.274	2.334	VV	930	20221	0.93%	0.019%
27	2.337	2.334	2.341	VV	353	1426	0.07%	0.001%
28	2.372	2.341	2.411	VV	1403	25268	1.16%	0.024%
29	2.423	2.411	2.472	VV	1781	29549	1.36%	0.028%
30	2.495	2.472	2.518	VV	440	8775	0.40%	0.008%
31	2.525	2.518	2.535	VV	368	3357	0.15%	0.003%
32	2.540	2.535	2.546	VV	336	2083	0.10%	0.002%
33	2.551	2.546	2.572	VV	322	4239	0.19%	0.004%
34	2.576	2.572	2.603	VV	300	4325	0.20%	0.004%
35	2.606	2.603	2.613	VV	234	1427	0.07%	0.001%
36	2.618	2.613	2.627	VV	251	1856	0.09%	0.002%

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37	2.653	2.627	2.685	VV	1192	19005	0.87%	0.018%
38	2.713	2.685	2.723	VV	324	6334	0.29%	0.006%
39	2.729	2.723	2.735	VV	287	1726	0.08%	0.002%
40	2.763	2.735	2.807	VV	1865	35618	1.63%	0.034%
41	2.811	2.807	2.823	VV	227	2176	0.10%	0.002%
42	2.849	2.823	2.867	VV	392	7652	0.35%	0.007%
43	2.888	2.867	2.916	VV	382	9491	0.44%	0.009%
44	2.927	2.916	2.935	VV	359	3781	0.17%	0.004%
45	2.949	2.935	2.955	VV	389	3938	0.18%	0.004%
46	2.987	2.955	3.022	VV	3696	58905	2.70%	0.056%
47	3.042	3.022	3.068	VV	1585	26386	1.21%	0.025%
48	3.084	3.068	3.112	VV	541	10328	0.47%	0.010%
49	3.118	3.112	3.130	VV	377	3821	0.18%	0.004%
50	3.137	3.130	3.142	VV	327	2173	0.10%	0.002%
51	3.148	3.142	3.174	VV	315	4806	0.22%	0.005%
52	3.207	3.174	3.236	VV	499	12207	0.56%	0.012%
53	3.257	3.236	3.303	VV	354	11422	0.52%	0.011%
54	3.346	3.303	3.385	VV	701	18000	0.83%	0.017%
55	3.389	3.385	3.393	VV	256	956	0.04%	0.001%
56	3.397	3.393	3.414	VV	272	2708	0.12%	0.003%
57	3.437	3.414	3.455	VV	341	6448	0.30%	0.006%
58	3.466	3.455	3.510	VV	317	8240	0.38%	0.008%
59	3.529	3.510	3.538	VV	293	4198	0.19%	0.004%
60	3.549	3.538	3.562	VV	276	3397	0.16%	0.003%
61	3.566	3.562	3.570	VV	329	1463	0.07%	0.001%
62	3.583	3.570	3.617	VV	334	7369	0.34%	0.007%
63	3.623	3.617	3.628	VV	185	1207	0.06%	0.001%
64	3.646	3.628	3.650	VV	258	2784	0.13%	0.003%
65	3.667	3.650	3.673	VV	381	4374	0.20%	0.004%
66	3.691	3.673	3.734	VV	658	14767	0.68%	0.014%
67	3.740	3.734	3.767	VV	260	4337	0.20%	0.004%
68	3.796	3.767	3.819	VV	665	11785	0.54%	0.011%
69	3.833	3.819	3.859	VV	337	6005	0.28%	0.006%
70	3.867	3.859	3.874	VV	244	2011	0.09%	0.002%
71	3.899	3.874	3.912	VV	313	5917	0.27%	0.006%
72	3.933	3.912	3.949	VV	629	9526	0.44%	0.009%
73	3.958	3.949	3.971	VV	410	4319	0.20%	0.004%
74	3.987	3.971	4.003	VV	383	5179	0.24%	0.005%
75	4.030	4.003	4.046	VV	833	11077	0.51%	0.011%
76	4.051	4.046	4.053	VV	329	1447	0.07%	0.001%
77	4.059	4.053	4.095	VV	364	5575	0.26%	0.005%
78	4.136	4.095	4.158	VV	646	14176	0.65%	0.013%
79	4.180	4.158	4.223	VV	1046	19452	0.89%	0.018%
80	4.249	4.223	4.278	VV	508	10631	0.49%	0.010%
81	4.302	4.278	4.313	VV	2313	26902	1.23%	0.026%
82	4.324	4.313	4.394	VV	4341	75733	3.47%	0.072%
83	4.401	4.394	4.405	VV	315	1991	0.09%	0.002%
84	4.412	4.405	4.417	VV	347	2251	0.10%	0.002%
85	4.435	4.417	4.455	VV	434	7091	0.33%	0.007%
86	4.460	4.455	4.487	VV	261	3801	0.17%	0.004%
87	4.494	4.487	4.520	VV	264	4100	0.19%	0.004%
88	4.544	4.520	4.565	VV	299	6325	0.29%	0.006%
89	4.575	4.565	4.582	VV	330	3006	0.14%	0.003%

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90	4.602	4.582	4.622	VV	1102	14192	0.65%	0.013%
91	4.641	4.622	4.659	VV	514	7360	0.34%	0.007%
92	4.677	4.659	4.683	VV	326	3963	0.18%	0.004%
93	4.687	4.683	4.692	VV	315	1708	0.08%	0.002%
94	4.696	4.692	4.717	VV	292	3775	0.17%	0.004%
95	4.730	4.717	4.743	VV	288	3685	0.17%	0.003%
96	4.769	4.743	4.794	VV	1234	17322	0.79%	0.016%
97	4.830	4.794	4.875	VV	2816	46038	2.11%	0.044%
98	4.886	4.875	4.934	VV	588	12737	0.58%	0.012%
99	4.966	4.934	4.989	VV	1555	22636	1.04%	0.021%
100	5.004	4.989	5.041	VV	706	12051	0.55%	0.011%
101	5.069	5.041	5.087	VV	311	6838	0.31%	0.006%
102	5.106	5.087	5.132	VV	366	7783	0.36%	0.007%
103	5.149	5.132	5.174	VV	401	5757	0.26%	0.005%
104	5.182	5.174	5.200	VV	200	2497	0.11%	0.002%
105	5.218	5.200	5.232	VV	303	4152	0.19%	0.004%
106	5.239	5.232	5.247	VV	269	2034	0.09%	0.002%
107	5.257	5.247	5.275	VV	254	3465	0.16%	0.003%
108	5.298	5.275	5.336	VV	437	9368	0.43%	0.009%
109	5.355	5.336	5.375	VV	450	6873	0.32%	0.007%
110	5.389	5.375	5.402	VV	276	3560	0.16%	0.003%
111	5.420	5.402	5.434	VV	586	7495	0.34%	0.007%
112	5.444	5.434	5.467	VV	349	4444	0.20%	0.004%
113	5.485	5.467	5.500	VV	605	7501	0.34%	0.007%
114	5.508	5.500	5.525	VV	362	4066	0.19%	0.004%
115	5.544	5.525	5.572	VV	1161	13411	0.62%	0.013%
116	5.578	5.572	5.599	VV	233	2939	0.13%	0.003%
117	5.612	5.599	5.632	VV	250	3397	0.16%	0.003%
118	5.648	5.632	5.654	VV	198	1863	0.09%	0.002%
119	5.675	5.654	5.722	VV	3228	38435	1.76%	0.036%
120	5.741	5.722	5.774	VV	851	12981	0.60%	0.012%
121	5.793	5.774	5.827	VV	616	12295	0.56%	0.012%
122	5.847	5.827	5.895	VV	331	6659	0.31%	0.006%
123	5.899	5.895	5.903	VV	93	336	0.02%	0.000%
124	5.932	5.903	5.962	VV	348	5847	0.27%	0.006%
125	6.010	5.962	6.030	VV	692	12706	0.58%	0.012%
126	6.051	6.030	6.065	VV	932	13726	0.63%	0.013%
127	6.074	6.065	6.102	VV	613	7846	0.36%	0.007%
128	6.107	6.102	6.112	VV	208	991	0.05%	0.001%
129	6.125	6.112	6.139	VV	340	4197	0.19%	0.004%
130	6.151	6.139	6.174	VV	774	8169	0.37%	0.008%
131	6.185	6.174	6.200	VV	252	3022	0.14%	0.003%
132	6.208	6.200	6.230	VV	248	3173	0.15%	0.003%
133	6.246	6.230	6.260	VV	679	7732	0.35%	0.007%
134	6.272	6.260	6.289	VV	669	8389	0.38%	0.008%
135	6.312	6.289	6.347	VV	26221	253117	11.61%	0.240%
136	6.362	6.347	6.381	VV	631	8000	0.37%	0.008%
137	6.391	6.381	6.404	VV	305	3062	0.14%	0.003%
138	6.420	6.404	6.440	VV	370	4372	0.20%	0.004%
139	6.486	6.440	6.527	VV	398	8393	0.38%	0.008%
140	6.572	6.527	6.588	VV	329	7132	0.33%	0.007%
141	6.611	6.588	6.643	VV	1514	19955	0.92%	0.019%

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142	6.689	6.643	6.701	VV	552	10490	0.48%	0.010%
143	6.721	6.701	6.740	VV	1790	21039	0.96%	0.020%
144	6.747	6.740	6.755	VV	467	3404	0.16%	0.003%
145	6.774	6.755	6.795	VV	1932	23490	1.08%	0.022%
146	6.808	6.795	6.826	VV	819	9672	0.44%	0.009%
147	6.840	6.826	6.845	VV	257	2652	0.12%	0.003%
148	6.849	6.845	6.901	VV	270	5143	0.24%	0.005%
149	6.906	6.901	6.912	VV	181	898	0.04%	0.001%
150	6.929	6.912	6.954	VV	496	6046	0.28%	0.006%
151	6.975	6.954	6.990	VV	288	3597	0.16%	0.003%
152	7.001	6.990	7.015	VV	166	1301	0.06%	0.001%
153	7.029	7.015	7.050	VV	87	1149	0.05%	0.001%
154	7.058	7.050	7.069	VV	167	1347	0.06%	0.001%
155	7.096	7.069	7.127	VV	1306	17237	0.79%	0.016%
156	7.149	7.127	7.170	VV	311	5257	0.24%	0.005%
157	7.184	7.170	7.195	VV	253	2870	0.13%	0.003%
158	7.212	7.195	7.221	VV	312	3437	0.16%	0.003%
159	7.253	7.221	7.267	VV	1089	17654	0.81%	0.017%
160	7.278	7.267	7.294	VV	567	7633	0.35%	0.007%
161	7.317	7.294	7.328	VV	578	10001	0.46%	0.009%
162	7.345	7.328	7.380	VV	1427	24682	1.13%	0.023%
163	7.410	7.380	7.430	VV	3190	39029	1.79%	0.037%
164	7.447	7.430	7.483	VV	1002	15265	0.70%	0.014%
165	7.497	7.483	7.526	VV	695	9087	0.42%	0.009%
166	7.549	7.526	7.575	VV	2128	23646	1.08%	0.022%
167	7.591	7.575	7.608	VV	525	5709	0.26%	0.005%
168	7.623	7.608	7.633	VV	361	3682	0.17%	0.003%
169	7.644	7.633	7.658	VV	358	3719	0.17%	0.004%
170	7.672	7.658	7.690	VV	358	4578	0.21%	0.004%
171	7.723	7.690	7.749	VV	1080	14533	0.67%	0.014%
172	7.754	7.749	7.770	VV	189	1925	0.09%	0.002%
173	7.784	7.770	7.788	VV	282	2332	0.11%	0.002%
174	7.796	7.788	7.810	VV	272	3022	0.14%	0.003%
175	7.815	7.810	7.829	VV	193	1671	0.08%	0.002%
176	7.852	7.829	7.874	VV	439	6886	0.32%	0.007%
177	7.903	7.874	7.921	VV	359	6045	0.28%	0.006%
178	7.941	7.921	7.966	VV	946	11077	0.51%	0.011%
179	7.976	7.966	7.987	VV	130	1113	0.05%	0.001%
180	7.994	7.987	7.998	VV	167	649	0.03%	0.001%
181	8.015	7.998	8.035	VV	490	5939	0.27%	0.006%
182	8.062	8.035	8.079	VV	270	3949	0.18%	0.004%
183	8.117	8.079	8.129	PV	1352	15523	0.71%	0.015%
184	8.151	8.129	8.169	VV	1770	26503	1.22%	0.025%
185	8.183	8.169	8.197	VV	616	7744	0.36%	0.007%
186	8.212	8.197	8.240	VV	393	6493	0.30%	0.006%
187	8.256	8.240	8.274	VV	350	4137	0.19%	0.004%
188	8.309	8.274	8.360	VV	843	25429	1.17%	0.024%
189	8.376	8.360	8.390	VV	404	5658	0.26%	0.005%
190	8.428	8.390	8.462	VV	1506	29014	1.33%	0.028%
191	8.500	8.462	8.513	VV	770	13295	0.61%	0.013%
192	8.531	8.513	8.547	VV	1682	20711	0.95%	0.020%
193	8.575	8.547	8.598	VV	6738	107141	4.91%	0.102%
194	8.605	8.598	8.647	VV	1974	28223	1.29%	0.027%

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195	8.656	8.647	8.665	VV	373	3596	0.16%	0.003%
196	8.716	8.665	8.751	VV	15493	189204	8.68%	0.179%
197	8.765	8.751	8.795	VV	1234	20909	0.96%	0.020%
198	8.806	8.795	8.824	VV	475	5272	0.24%	0.005%
199	8.837	8.824	8.868	VV	669	9717	0.45%	0.009%
200	8.896	8.868	8.926	VV	627	8981	0.41%	0.009%
201	8.952	8.926	8.960	VV	684	8489	0.39%	0.008%
202	8.967	8.960	8.982	VV	716	7140	0.33%	0.007%
203	9.015	8.982	9.038	VV	2691	35070	1.61%	0.033%
204	9.063	9.038	9.118	VV	1610	41093	1.88%	0.039%
205	9.149	9.118	9.166	VV	962	18997	0.87%	0.018%
206	9.175	9.166	9.196	VV	392	5137	0.24%	0.005%
207	9.215	9.196	9.222	VV	415	4678	0.21%	0.004%
208	9.236	9.222	9.244	VV	603	6644	0.30%	0.006%
209	9.260	9.244	9.272	VV	903	11070	0.51%	0.010%
210	9.290	9.272	9.310	VV	2601	28710	1.32%	0.027%
211	9.333	9.310	9.371	VV	1200	27938	1.28%	0.026%
212	9.383	9.371	9.401	VV	561	7065	0.32%	0.007%
213	9.435	9.401	9.457	VV	2336	32812	1.50%	0.031%
214	9.470	9.457	9.505	VV	817	11999	0.55%	0.011%
215	9.526	9.505	9.560	VV	557	7027	0.32%	0.007%
216	9.586	9.560	9.602	PV	847	11094	0.51%	0.011%
217	9.618	9.602	9.638	VV	860	9453	0.43%	0.009%
218	9.670	9.638	9.691	VV	1725	22065	1.01%	0.021%
219	9.700	9.691	9.710	VV	393	4062	0.19%	0.004%
220	9.722	9.710	9.739	VV	680	7927	0.36%	0.008%
221	9.761	9.739	9.787	VV	2934	38438	1.76%	0.036%
222	9.808	9.787	9.848	VV	2439	48789	2.24%	0.046%
223	9.853	9.848	9.868	VV	568	5476	0.25%	0.005%
224	9.887	9.868	9.902	VV	1217	16696	0.77%	0.016%
225	9.908	9.902	9.921	VV	777	7342	0.34%	0.007%
226	9.955	9.921	9.977	VV	2457	40566	1.86%	0.038%
227	9.992	9.977	10.005	VV	808	11198	0.51%	0.011%
228	10.020	10.005	10.051	VV	856	17473	0.80%	0.017%
229	10.070	10.051	10.106	VV	1431	24192	1.11%	0.023%
230	10.132	10.106	10.174	VV	1583	35729	1.64%	0.034%
231	10.186	10.174	10.199	VV	695	9212	0.42%	0.009%
232	10.221	10.199	10.235	VV	2701	37521	1.72%	0.036%
233	10.251	10.235	10.274	VV	4191	50220	2.30%	0.048%
234	10.305	10.274	10.318	VV	869	13896	0.64%	0.013%
235	10.329	10.318	10.354	VV	557	7318	0.34%	0.007%
236	10.397	10.354	10.418	VV	447	9639	0.44%	0.009%
237	10.433	10.418	10.455	VV	416	4444	0.20%	0.004%
238	10.474	10.455	10.480	PV	126	1023	0.05%	0.001%
239	10.523	10.480	10.533	VV	753	14223	0.65%	0.013%
240	10.544	10.533	10.549	VV	906	7539	0.35%	0.007%
241	10.554	10.549	10.588	VV	885	13609	0.62%	0.013%
242	10.613	10.588	10.630	VV	1030	15592	0.72%	0.015%
243	10.666	10.630	10.681	VV	1706	28243	1.30%	0.027%
244	10.694	10.681	10.718	VV	1575	22183	1.02%	0.021%
245	10.736	10.718	10.772	VV	1055	20711	0.95%	0.020%
246	10.785	10.772	10.791	VV	464	4384	0.20%	0.004%

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247	10.815	10.791	10.837	VV	1526	27727	1.27%	0.026%
248	10.864	10.837	10.903	VV	5729	87702	4.02%	0.083%
249	10.911	10.903	10.925	VV	913	10491	0.48%	0.010%
250	10.962	10.925	10.974	VV	3416	56864	2.61%	0.054%
251	10.980	10.974	10.997	VV	2472	24666	1.13%	0.023%
252	11.019	10.997	11.056	VV	2830	61894	2.84%	0.059%
253	11.065	11.056	11.074	VV	993	9847	0.45%	0.009%
254	11.091	11.074	11.103	VV	1201	18669	0.86%	0.018%
255	11.111	11.103	11.127	VV	1207	13602	0.62%	0.013%
256	11.139	11.127	11.167	VV	685	11660	0.53%	0.011%
257	11.185	11.167	11.194	VV	1395	14562	0.67%	0.014%
258	11.217	11.194	11.260	VV	37978	456727	20.95%	0.433%
259	11.292	11.260	11.314	VV	15650	178170	8.17%	0.169%
260	11.318	11.314	11.334	VV	1501	13485	0.62%	0.013%
261	11.345	11.334	11.378	VV	833	17129	0.79%	0.016%
262	11.386	11.378	11.411	VV	513	7728	0.35%	0.007%
263	11.416	11.411	11.430	VV	343	3092	0.14%	0.003%
264	11.466	11.430	11.485	VV	954	15790	0.72%	0.015%
265	11.505	11.485	11.548	VV	4229	60168	2.76%	0.057%
266	11.625	11.548	11.630	PV	1831	49094	2.25%	0.047%
267	11.637	11.630	11.651	VV	1867	20494	0.94%	0.019%
268	11.669	11.651	11.694	VV	3797	57114	2.62%	0.054%
269	11.753	11.694	11.787	VV	4814	136557	6.26%	0.129%
270	11.822	11.787	11.842	VV	2780	38344	1.76%	0.036%
271	11.869	11.842	11.889	VV	2202	37329	1.71%	0.035%
272	11.919	11.889	11.955	VV	4598	76522	3.51%	0.073%
273	11.974	11.955	11.995	VV	999	17528	0.80%	0.017%
274	12.024	11.995	12.038	VV	8149	94386	4.33%	0.090%
275	12.055	12.038	12.076	VV	10272	112885	5.18%	0.107%
276	12.083	12.076	12.095	VV	684	5887	0.27%	0.006%
277	12.121	12.095	12.129	VV	5345	59029	2.71%	0.056%
278	12.139	12.129	12.155	VV	6485	71651	3.29%	0.068%
279	12.172	12.155	12.187	VV	10263	116921	5.36%	0.111%
280	12.203	12.187	12.235	VV	10576	133592	6.13%	0.127%
281	12.277	12.235	12.299	PV	1361	20917	0.96%	0.020%
282	12.342	12.299	12.360	VV	4803	87545	4.01%	0.083%
283	12.381	12.360	12.401	VV	5796	91376	4.19%	0.087%
284	12.427	12.401	12.454	VV	5913	117006	5.37%	0.111%
285	12.460	12.454	12.474	VV	1438	15306	0.70%	0.015%
286	12.497	12.474	12.516	VV	6653	89014	4.08%	0.084%
287	12.527	12.516	12.541	VV	2241	28818	1.32%	0.027%
288	12.591	12.541	12.619	VV	84549	1031392	47.30%	0.978%
289	12.648	12.619	12.667	VV	4684	84985	3.90%	0.081%
290	12.678	12.667	12.691	VV	1974	22401	1.03%	0.021%
291	12.704	12.691	12.715	VV	1887	21940	1.01%	0.021%
292	12.729	12.715	12.736	VV	2651	28137	1.29%	0.027%
293	12.750	12.736	12.765	VV	3490	49479	2.27%	0.047%
294	12.774	12.765	12.799	VV	2645	40777	1.87%	0.039%
295	12.817	12.799	12.854	VV	6132	103840	4.76%	0.098%
296	12.876	12.854	12.908	VV	14471	201516	9.24%	0.191%
297	12.928	12.908	12.948	VV	20597	264605	12.13%	0.251%
298	12.967	12.948	12.975	VV	9383	131551	6.03%	0.125%
299	12.987	12.975	13.018	VV	9977	165165	7.57%	0.157%

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300	13.046	13.018	13.091	VV	100810	1203347	55.18%	1.141%
301	13.106	13.091	13.120	VV	737	8936	0.41%	0.008%
302	13.143	13.120	13.152	VV	2886	35076	1.61%	0.033%
303	13.178	13.152	13.193	VV	7689	120574	5.53%	0.114%
304	13.205	13.193	13.218	VV	6531	83232	3.82%	0.079%
305	13.236	13.218	13.250	VV	7944	126463	5.80%	0.120%
306	13.256	13.250	13.274	VV	6774	82490	3.78%	0.078%
307	13.283	13.274	13.317	VV	4959	91347	4.19%	0.087%
308	13.345	13.317	13.369	VV	140046	1613800	74.01%	1.530%
309	13.377	13.369	13.384	VV	4284	34042	1.56%	0.032%
310	13.402	13.384	13.418	VV	9982	140022	6.42%	0.133%
311	13.431	13.418	13.453	VV	8189	108327	4.97%	0.103%
312	13.479	13.453	13.500	VV	6108	113690	5.21%	0.108%
313	13.517	13.500	13.530	VV	6165	83101	3.81%	0.079%
314	13.546	13.530	13.571	VV	5782	79903	3.66%	0.076%
315	13.610	13.571	13.631	PV	9694	186752	8.56%	0.177%
316	13.649	13.631	13.663	VV	7730	125530	5.76%	0.119%
317	13.677	13.663	13.705	VV	8614	132856	6.09%	0.126%
318	13.717	13.705	13.725	VV	1849	18878	0.87%	0.018%
319	13.743	13.725	13.759	VV	7026	100350	4.60%	0.095%
320	13.770	13.759	13.782	VV	5578	65756	3.02%	0.062%
321	13.820	13.782	13.876	VV	26173	616995	28.29%	0.585%
322	13.934	13.876	13.968	VV	32544	630595	28.92%	0.598%
323	14.002	13.968	14.019	VV	4609	87404	4.01%	0.083%
324	14.045	14.019	14.061	VV	8943	141890	6.51%	0.135%
325	14.083	14.061	14.103	VV	27908	345564	15.85%	0.328%
326	14.126	14.103	14.152	VV	5714	125189	5.74%	0.119%
327	14.213	14.152	14.234	VV	35120	620229	28.44%	0.588%
328	14.254	14.234	14.293	VV	27538	368576	16.90%	0.350%
329	14.325	14.293	14.353	VV	6517	111063	5.09%	0.105%
330	14.372	14.353	14.377	VV	1744	21494	0.99%	0.020%
331	14.394	14.377	14.404	VV	2445	32133	1.47%	0.030%
332	14.418	14.404	14.438	VV	3308	46666	2.14%	0.044%
333	14.462	14.438	14.484	VV	1777	32791	1.50%	0.031%
334	14.493	14.484	14.502	VV	437	3057	0.14%	0.003%
335	14.522	14.502	14.543	PV	3314	42516	1.95%	0.040%
336	14.575	14.543	14.591	VV	3571	60267	2.76%	0.057%
337	14.610	14.591	14.615	VV	4774	45895	2.10%	0.044%
338	14.635	14.615	14.652	VV	8779	158976	7.29%	0.151%
339	14.671	14.652	14.706	VV	24353	340073	15.60%	0.322%
340	14.750	14.706	14.762	VV	10040	175380	8.04%	0.166%
341	14.775	14.762	14.806	VV	9608	166403	7.63%	0.158%
342	14.851	14.806	14.869	VV	15220	317292	14.55%	0.301%
343	14.880	14.869	14.894	VV	9053	115034	5.28%	0.109%
344	14.916	14.894	14.937	VV	37548	472166	21.65%	0.448%
345	14.974	14.937	15.003	VV	18268	329200	15.10%	0.312%
346	15.039	15.003	15.055	VV	5570	93156	4.27%	0.088%
347	15.088	15.055	15.159	VV	95720	1441787	66.12%	1.367%
348	15.181	15.159	15.196	VV	8004	94902	4.35%	0.090%
349	15.229	15.196	15.249	VV	96700	1203150	55.18%	1.141%
350	15.270	15.249	15.303	VV	104338	1298622	59.55%	1.231%
351	15.317	15.303	15.343	VV	6904	102040	4.68%	0.097%

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352	15.389	15.343	15.420	VV	26443	504548	23.14%	0.478%
353	15.435	15.420	15.450	VV	6987	108331	4.97%	0.103%
354	15.466	15.450	15.501	VV	7904	147215	6.75%	0.140%
355	15.543	15.501	15.563	PV	10533	245033	11.24%	0.232%
356	15.585	15.563	15.607	VV	9721	185520	8.51%	0.176%
357	15.617	15.607	15.631	VV	2418	30342	1.39%	0.029%
358	15.671	15.631	15.733	VV	42018	781291	35.83%	0.741%
359	15.746	15.733	15.764	VV	3579	54011	2.48%	0.051%
360	15.769	15.764	15.777	VV	2971	23322	1.07%	0.022%
361	15.783	15.777	15.786	VV	2701	13889	0.64%	0.013%
362	15.815	15.786	15.840	VV	10748	202926	9.31%	0.192%
363	15.862	15.840	15.877	VV	11333	164378	7.54%	0.156%
364	15.904	15.877	15.924	VV	49167	663061	30.41%	0.629%
365	15.941	15.924	15.964	VV	23403	315697	14.48%	0.299%
366	15.969	15.964	15.973	VV	4536	22775	1.04%	0.022%
367	15.987	15.973	15.997	VV	6658	80407	3.69%	0.076%
368	16.069	15.997	16.103	VV	23711	806576	36.99%	0.765%
369	16.143	16.103	16.168	VV	11230	211380	9.69%	0.200%
370	16.186	16.168	16.207	VV	4949	74102	3.40%	0.070%
371	16.227	16.207	16.244	VV	9288	118076	5.41%	0.112%
372	16.259	16.244	16.281	VV	6110	84355	3.87%	0.080%
373	16.321	16.281	16.364	VV	10394	229373	10.52%	0.218%
374	16.406	16.364	16.423	PV	2111	39381	1.81%	0.037%
375	16.437	16.423	16.453	VV	2224	25502	1.17%	0.024%
376	16.461	16.453	16.475	VV	1627	11500	0.53%	0.011%
377	16.515	16.475	16.533	VV	13297	239887	11.00%	0.227%
378	16.543	16.533	16.558	VV	6327	67570	3.10%	0.064%
379	16.577	16.558	16.588	VV	6380	82753	3.79%	0.078%
380	16.614	16.588	16.644	VV	18550	360065	16.51%	0.341%
381	16.655	16.644	16.664	VV	5589	61148	2.80%	0.058%
382	16.718	16.664	16.745	VV	18622	468724	21.50%	0.444%
383	16.795	16.745	16.812	PV	125791	1784737	81.85%	1.692%
384	16.821	16.812	16.858	VV	50021	539540	24.74%	0.512%
385	16.889	16.858	16.896	VV	2944	47231	2.17%	0.045%
386	16.924	16.896	16.950	VV	36495	532067	24.40%	0.505%
387	16.962	16.950	17.004	VV	5771	121777	5.58%	0.115%
388	17.046	17.004	17.056	VV	4924	80106	3.67%	0.076%
389	17.116	17.056	17.143	VV	90877	1349795	61.90%	1.280%
390	17.175	17.143	17.214	VV	115631	1521496	69.77%	1.443%
391	17.219	17.214	17.222	VV	3003	12809	0.59%	0.012%
392	17.242	17.222	17.251	VV	7134	96716	4.44%	0.092%
393	17.273	17.251	17.294	VV	33779	466985	21.42%	0.443%
394	17.318	17.294	17.352	VV	26777	498851	22.88%	0.473%
395	17.384	17.352	17.388	VV	7282	114061	5.23%	0.108%
396	17.411	17.388	17.415	VV	13549	169075	7.75%	0.160%
397	17.421	17.415	17.449	VV	13258	192064	8.81%	0.182%
398	17.478	17.449	17.498	VV	8545	155498	7.13%	0.147%
399	17.538	17.498	17.606	VV	20801	648157	29.72%	0.615%
400	17.636	17.606	17.648	VV	7764	123319	5.66%	0.117%
401	17.675	17.648	17.686	VV	15154	254694	11.68%	0.242%
402	17.699	17.686	17.735	VV	16940	344118	15.78%	0.326%
403	17.757	17.735	17.775	VV	16475	270612	12.41%	0.257%
404	17.792	17.775	17.812	VV	12298	222639	10.21%	0.211%

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405	17.835	17.812	17.857	VV	17568	339569	15.57%	0.322%
406	17.872	17.857	17.891	VV	13157	214785	9.85%	0.204%
407	17.898	17.891	17.912	VV	7672	83187	3.81%	0.079%
408	17.929	17.912	17.939	VV	8388	111882	5.13%	0.106%
409	17.946	17.939	17.965	VV	7653	107531	4.93%	0.102%
410	17.981	17.965	17.998	VV	6678	120397	5.52%	0.114%
411	18.017	17.998	18.032	VV	7589	123976	5.69%	0.118%
412	18.090	18.032	18.099	VV	10124	292038	13.39%	0.277%
413	18.156	18.099	18.197	VV	19751	803445	36.85%	0.762%
414	18.225	18.197	18.250	VV	11629	313282	14.37%	0.297%
415	18.268	18.250	18.285	VV	15370	264863	12.15%	0.251%
416	18.312	18.285	18.328	VV	21910	426514	19.56%	0.404%
417	18.333	18.328	18.367	VV	18180	346421	15.89%	0.328%
418	18.393	18.367	18.423	VV	19544	482706	22.14%	0.458%
419	18.454	18.423	18.472	VV	33579	618937	28.38%	0.587%
420	18.481	18.472	18.495	VV	19703	253708	11.63%	0.241%
421	18.515	18.495	18.525	VV	27496	415530	19.06%	0.394%
422	18.547	18.525	18.569	VV	84854	1319750	60.52%	1.251%
423	18.586	18.569	18.613	VV	29462	584029	26.78%	0.554%
424	18.628	18.613	18.652	VV	17221	331070	15.18%	0.314%
425	18.678	18.652	18.696	VV	36490	643696	29.52%	0.610%
426	18.713	18.696	18.775	VV	38556	996657	45.71%	0.945%
427	18.804	18.775	18.839	VV	96362	1515542	69.50%	1.437%
428	18.843	18.839	18.856	VV	13990	139692	6.41%	0.132%
429	18.886	18.856	18.897	VV	18778	384987	17.66%	0.365%
430	18.931	18.897	18.954	VV	34201	776383	35.60%	0.736%
431	18.988	18.954	19.016	VV	24989	647116	29.68%	0.614%
432	19.039	19.016	19.056	VV	15381	344763	15.81%	0.327%
433	19.108	19.056	19.128	VV	24995	817521	37.49%	0.775%
434	19.151	19.128	19.171	VV	20975	476836	21.87%	0.452%
435	19.178	19.171	19.184	VV	18444	140836	6.46%	0.134%
436	19.206	19.184	19.217	VV	22634	407788	18.70%	0.387%
437	19.235	19.217	19.254	VV	30267	550248	25.23%	0.522%
438	19.275	19.254	19.299	VV	22606	577836	26.50%	0.548%
439	19.318	19.299	19.327	VV	28076	428656	19.66%	0.406%
440	19.345	19.327	19.360	VV	32800	598250	27.44%	0.567%
441	19.368	19.360	19.373	VV	28108	209838	9.62%	0.199%
442	19.382	19.373	19.405	VV	28823	521447	23.91%	0.494%
443	19.410	19.405	19.428	VV	24398	303677	13.93%	0.288%
444	19.438	19.428	19.452	VV	22532	303451	13.92%	0.288%
445	19.482	19.452	19.537	VV	29490	1205669	55.29%	1.143%
446	19.542	19.537	19.548	VV	19044	120680	5.53%	0.114%
447	19.557	19.548	19.570	VV	20201	253464	11.62%	0.240%
448	19.595	19.570	19.607	VV	28032	548123	25.14%	0.520%
449	19.611	19.607	19.617	VV	23480	134192	6.15%	0.127%
450	19.630	19.617	19.633	VV	24496	218697	10.03%	0.207%
451	19.639	19.633	19.643	VV	25291	144444	6.62%	0.137%
452	19.652	19.643	19.662	VV	27797	291816	13.38%	0.277%
453	19.667	19.662	19.680	VV	25536	270238	12.39%	0.256%
454	19.700	19.680	19.711	VV	26573	472418	21.66%	0.448%
455	19.720	19.711	19.733	VV	28237	342387	15.70%	0.325%
456	19.744	19.733	19.748	VV	25184	223027	10.23%	0.211%

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457	19.772	19.748	19.778	VV	28924	470636	21.58%	0.446%
458	19.783	19.778	19.800	VV	28525	352358	16.16%	0.334%
459	19.816	19.800	19.829	VV	29150	455204	20.88%	0.432%
460	19.851	19.829	19.859	VV	27779	477712	21.91%	0.453%
461	19.893	19.859	19.925	VV	36892	1160756	53.23%	1.101%
462	19.959	19.925	19.982	VV	66629	1564350	71.74%	1.483%
463	20.029	19.982	20.057	VV	59061	1944425	89.17%	1.844%
464	20.084	20.057	20.100	VV	38104	893353	40.97%	0.847%
465	20.118	20.100	20.132	VV	40364	707962	32.47%	0.671%
466	20.147	20.132	20.177	VV	43626	1050969	48.20%	0.997%
467	20.194	20.177	20.207	VV	37862	645084	29.58%	0.612%
468	20.213	20.207	20.216	VV	36643	177255	8.13%	0.168%
469	20.242	20.216	20.284	VV	43798	1568751	71.94%	1.488%
470	20.294	20.284	20.299	VV	35886	302197	13.86%	0.287%
471	20.340	20.299	20.367	VV	77059	2180583	100.00%	2.068%
472	20.405	20.367	20.422	VV	59258	1569713	71.99%	1.488%
473	20.432	20.422	20.448	VV	50283	756527	34.69%	0.717%
474	20.464	20.448	20.470	VV	47922	605420	27.76%	0.574%
475	20.483	20.470	20.500	VV	49244	831522	38.13%	0.788%
476	20.519	20.500	20.551	VV	44590	1251238	57.38%	1.186%
477	20.570	20.551	20.581	VV	40631	706925	32.42%	0.670%
478	20.613	20.581	20.617	VV	45369	908912	41.68%	0.862%
479	20.623	20.617	20.632	VV	45625	413814	18.98%	0.392%
480	20.639	20.632	20.644	VV	44878	312925	14.35%	0.297%
481	20.664	20.644	20.668	VV	47236	675273	30.97%	0.640%
482	20.681	20.668	20.686	VV	50408	509216	23.35%	0.483%
483	20.690	20.686	20.706	VV	50625	601146	27.57%	0.570%
484	20.710	20.706	20.721	VV	48145	427082	19.59%	0.405%
485	20.725	20.721	20.764	VV	46965	1128869	51.77%	1.070%
486	20.779	20.764	20.811	VV	43409	1099557	50.42%	1.043%
487	20.816	20.811	20.821	VV	38622	227954	10.45%	0.216%
488	20.827	20.821	20.838	VV	37254	364767	16.73%	0.346%
489	20.842	20.838	20.849	VV	35899	232350	10.66%	0.220%
490	20.886	20.849	20.891	VV	38263	910612	41.76%	0.863%
491	20.897	20.891	20.906	VV	38077	325534	14.93%	0.309%
492	20.918	20.906	20.924	VV	38438	417982	19.17%	0.396%
493	20.939	20.924	20.957	VV	38031	744772	34.15%	0.706%
494	20.962	20.957	20.967	VV	37821	208450	9.56%	0.198%
495	20.985	20.967	20.991	VV	44925	586451	26.89%	0.556%
496	20.998	20.991	21.021	VV	44381	765220	35.09%	0.726%
497	21.030	21.021	21.041	VV	40462	464315	21.29%	0.440%
498	21.049	21.041	21.074	VV	39174	725409	33.27%	0.688%
499	21.078	21.074	21.112	VV	34291	718667	32.96%	0.681%
500	21.117	21.112	21.127	VV	28535	250313	11.48%	0.237%
501	21.132	21.127	21.143	VV	26911	250580	11.49%	0.238%
502	21.150	21.143	21.156	VV	26582	200100	9.18%	0.190%
503	21.213	21.156	21.219	VV	33779	1116708	51.21%	1.059%
504	21.227	21.219	21.231	VV	34163	241592	11.08%	0.229%
505	21.237	21.231	21.257	VV	34390	494604	22.68%	0.469%
506	21.284	21.257	21.308	VV	38474	1072327	49.18%	1.017%
507	21.314	21.308	21.339	VV	32915	553192	25.37%	0.525%
508	21.364	21.339	21.376	VV	28855	587815	26.96%	0.557%
509	21.381	21.376	21.387	VV	26478	175104	8.03%	0.166%

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510	21.393	21.387	21.428	VV	25477	537968	24.67%	0.510%
511	21.437	21.428	21.446	VV	19301	201671	9.25%	0.191%
512	21.459	21.446	21.469	VV	21885	284878	13.06%	0.270%
513	21.477	21.469	21.501	VV	22280	398671	18.28%	0.378%
514	21.511	21.501	21.520	VV	21909	239162	10.97%	0.227%
515	21.534	21.520	21.543	VV	21337	285523	13.09%	0.271%
516	21.552	21.543	21.558	VV	21863	179668	8.24%	0.170%
517	21.561	21.558	21.566	VV	21323	111017	5.09%	0.105%
518	21.593	21.566	21.632	VV	24124	858485	39.37%	0.814%
519	21.637	21.632	21.650	VV	19719	193244	8.86%	0.183%
520	21.655	21.650	21.662	VV	16819	118765	5.45%	0.113%
521	21.669	21.662	21.704	VV	15962	329988	15.13%	0.313%
522	21.769	21.704	21.785	VV	22641	851131	39.03%	0.807%
523	21.791	21.785	21.794	VV	16949	87518	4.01%	0.083%
524	21.806	21.794	21.821	VV	17499	259531	11.90%	0.246%
525	21.825	21.821	21.841	VV	13694	149549	6.86%	0.142%
526	21.858	21.841	21.862	VV	12491	144030	6.61%	0.137%
527	21.886	21.862	21.893	VV	12717	220579	10.12%	0.209%
528	21.902	21.893	21.908	VV	11580	96939	4.45%	0.092%
529	21.928	21.908	21.932	VV	15678	196261	9.00%	0.186%
530	21.939	21.932	21.946	VV	16068	125891	5.77%	0.119%
531	21.985	21.946	22.036	VV	21488	788531	36.16%	0.748%
532	22.071	22.036	22.120	VV	13406	324637	14.89%	0.308%
533	22.157	22.120	22.193	PV	11196	199437	9.15%	0.189%
534	22.211	22.193	22.225	PV	3999	41045	1.88%	0.039%
535	22.247	22.225	22.252	VV	4733	53411	2.45%	0.051%
536	22.259	22.252	22.277	VV	5631	53902	2.47%	0.051%
537	22.282	22.277	22.286	PV	883	2915	0.13%	0.003%
					Sum of corrected areas:		105457111	

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