

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120122\
 Data File : FG011166.D
 Signal(s) : FID1A.ch
 Acq On : 01 Dec 2022 11:28
 Sample : N5802-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG111422.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.077	2.034	2.143	VV	137680	1591559	26.02%	0.804%
2	2.147	2.143	2.187	VV	1115	27799	0.45%	0.014%
3	2.192	2.187	2.201	VV	1043	8364	0.14%	0.004%
4	2.205	2.201	2.211	VV	1017	6314	0.10%	0.003%
5	2.218	2.211	2.223	VV	1042	6644	0.11%	0.003%
6	2.226	2.223	2.229	VV	1006	3995	0.07%	0.002%
7	2.253	2.229	2.273	VV	1125	27154	0.44%	0.014%
8	2.295	2.273	2.347	VV	2824	71186	1.16%	0.036%
9	2.354	2.347	2.363	VV	1068	9943	0.16%	0.005%
10	2.376	2.363	2.398	VV	1776	28596	0.47%	0.014%
11	2.437	2.398	2.468	VV	1943	64197	1.05%	0.032%
12	2.472	2.468	2.487	VV	1315	14582	0.24%	0.007%
13	2.491	2.487	2.508	VV	1326	15244	0.25%	0.008%
14	2.511	2.508	2.516	VV	1209	5915	0.10%	0.003%
15	2.534	2.516	2.539	VV	1295	17501	0.29%	0.009%
16	2.551	2.539	2.568	VV	1341	22256	0.36%	0.011%
17	2.570	2.568	2.583	VV	1220	9934	0.16%	0.005%
18	2.584	2.583	2.597	VV	1175	9563	0.16%	0.005%
19	2.600	2.597	2.627	VV	1141	19956	0.33%	0.010%
20	2.649	2.627	2.693	VV	3061	61875	1.01%	0.031%
21	2.706	2.693	2.731	VV	1142	23198	0.38%	0.012%
22	2.766	2.731	2.803	VV	1749	55363	0.91%	0.028%
23	2.810	2.803	2.825	VV	1023	12663	0.21%	0.006%
24	2.850	2.825	2.868	VV	1350	28354	0.46%	0.014%
25	2.887	2.868	2.910	VV	1459	30995	0.51%	0.016%
26	2.932	2.910	2.948	VV	1819	33316	0.54%	0.017%
27	2.976	2.948	3.008	VV	2742	61284	1.00%	0.031%
28	3.011	3.008	3.015	VV	1084	4686	0.08%	0.002%
29	3.035	3.015	3.061	VV	1821	35910	0.59%	0.018%
30	3.080	3.061	3.152	VV	2009	63055	1.03%	0.032%
31	3.156	3.152	3.172	VV	827	9065	0.15%	0.005%
32	3.211	3.172	3.239	VV	1275	40497	0.66%	0.020%
33	3.250	3.239	3.293	VV	1004	27607	0.45%	0.014%
34	3.302	3.293	3.318	VV	837	11284	0.18%	0.006%
35	3.342	3.318	3.363	VV	1064	23097	0.38%	0.012%
36	3.377	3.363	3.383	VV	857	10034	0.16%	0.005%

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37	3.386	3.383	3.391	VV	896	4267	0.07%	0.002%
38	3.397	3.391	3.413	VV	862	11068	0.18%	0.006%
39	3.425	3.413	3.433	VV	831	9662	0.16%	0.005%
40	3.458	3.433	3.504	VV	2046	53223	0.87%	0.027%
41	3.511	3.504	3.516	VV	953	6438	0.11%	0.003%
42	3.521	3.516	3.527	VV	943	6015	0.10%	0.003%
43	3.538	3.527	3.553	VV	1076	15899	0.26%	0.008%
44	3.584	3.553	3.608	VV	1195	35675	0.58%	0.018%
45	3.629	3.608	3.643	VV	1103	21831	0.36%	0.011%
46	3.651	3.643	3.668	VV	1149	16832	0.28%	0.009%
47	3.687	3.668	3.713	VV	1793	34951	0.57%	0.018%
48	3.730	3.713	3.740	VV	1004	14717	0.24%	0.007%
49	3.746	3.740	3.767	VV	940	13833	0.23%	0.007%
50	3.791	3.767	3.813	VV	1767	34127	0.56%	0.017%
51	3.827	3.813	3.875	VV	1381	35472	0.58%	0.018%
52	3.888	3.875	3.892	VV	817	7686	0.13%	0.004%
53	3.897	3.892	3.903	VV	799	4818	0.08%	0.002%
54	3.927	3.903	3.940	VV	1169	20445	0.33%	0.010%
55	3.953	3.940	3.966	VV	839	11796	0.19%	0.006%
56	3.981	3.966	3.997	VV	714	11988	0.20%	0.006%
57	3.999	3.997	4.007	VV	656	3639	0.06%	0.002%
58	4.022	4.007	4.040	VV	825	14439	0.24%	0.007%
59	4.051	4.040	4.088	VV	802	18532	0.30%	0.009%
60	4.095	4.088	4.099	VV	542	3312	0.05%	0.002%
61	4.123	4.099	4.148	VV	4909	59408	0.97%	0.030%
62	4.173	4.148	4.213	VV	3629	60992	1.00%	0.031%
63	4.234	4.213	4.275	VV	1103	27858	0.46%	0.014%
64	4.302	4.275	4.307	VV	868	13120	0.21%	0.007%
65	4.318	4.307	4.323	VV	898	8422	0.14%	0.004%
66	4.335	4.323	4.349	VV	1809	21391	0.35%	0.011%
67	4.362	4.349	4.417	VV	1951	41246	0.67%	0.021%
68	4.431	4.417	4.452	VV	832	14197	0.23%	0.007%
69	4.456	4.452	4.476	VV	588	7266	0.12%	0.004%
70	4.493	4.476	4.520	VV	572	12510	0.20%	0.006%
71	4.536	4.520	4.558	VV	682	11692	0.19%	0.006%
72	4.595	4.558	4.624	VV	210079	2155560	35.24%	1.089%
73	4.635	4.624	4.654	VV	1275	15534	0.25%	0.008%
74	4.672	4.654	4.696	VV	751	14926	0.24%	0.008%
75	4.707	4.696	4.713	VV	660	6088	0.10%	0.003%
76	4.717	4.713	4.739	VV	659	7973	0.13%	0.004%
77	4.764	4.739	4.785	VV	2353	31573	0.52%	0.016%
78	4.797	4.785	4.808	VV	738	8618	0.14%	0.004%
79	4.824	4.808	4.849	VV	844	15044	0.25%	0.008%
80	4.853	4.849	4.858	VV	460	2405	0.04%	0.001%
81	4.878	4.858	4.901	VV	539	12272	0.20%	0.006%
82	4.912	4.901	4.933	VV	613	9749	0.16%	0.005%
83	4.960	4.933	4.988	VV	4089	52725	0.86%	0.027%
84	4.996	4.988	5.031	VV	657	14872	0.24%	0.008%
85	5.038	5.031	5.057	VV	499	6638	0.11%	0.003%
86	5.069	5.057	5.090	VV	570	8899	0.15%	0.004%
87	5.110	5.090	5.126	VV	453	8617	0.14%	0.004%
88	5.144	5.126	5.163	VV	428	7864	0.13%	0.004%
89	5.189	5.163	5.201	VV	384	6796	0.11%	0.003%

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90	5.237	5.201	5.247	VV	999	20315	0.33%	0.010%
91	5.251	5.247	5.266	VV	1000	10013	0.16%	0.005%
92	5.283	5.266	5.328	VV	1796	35494	0.58%	0.018%
93	5.341	5.328	5.366	VV	607	11415	0.19%	0.006%
94	5.370	5.366	5.377	VV	378	2356	0.04%	0.001%
95	5.381	5.377	5.387	VV	426	2291	0.04%	0.001%
96	5.411	5.387	5.447	VV	1243	20437	0.33%	0.010%
97	5.452	5.447	5.461	VV	273	2121	0.03%	0.001%
98	5.472	5.461	5.492	VV	302	4298	0.07%	0.002%
99	5.505	5.492	5.513	VV	259	2757	0.05%	0.001%
100	5.539	5.513	5.563	VV	2180	27110	0.44%	0.014%
101	5.581	5.563	5.591	VV	434	5757	0.09%	0.003%
102	5.607	5.591	5.652	VV	679	12542	0.21%	0.006%
103	5.671	5.652	5.706	VV	599	9514	0.16%	0.005%
104	5.733	5.706	5.771	VV	1486	21866	0.36%	0.011%
105	5.786	5.771	5.803	VV	626	7157	0.12%	0.004%
106	5.816	5.803	5.820	VV	161	1357	0.02%	0.001%
107	5.837	5.820	5.883	VV	2175	37723	0.62%	0.019%
108	5.900	5.883	5.917	VV	1342	17326	0.28%	0.009%
109	5.929	5.917	5.951	VV	1191	15862	0.26%	0.008%
110	5.975	5.951	5.992	VV	1110	18126	0.30%	0.009%
111	6.000	5.992	6.018	VV	608	6937	0.11%	0.004%
112	6.041	6.018	6.053	VV	448	7324	0.12%	0.004%
113	6.065	6.053	6.082	VV	447	5237	0.09%	0.003%
114	6.103	6.082	6.132	VV	1609	20869	0.34%	0.011%
115	6.142	6.132	6.164	VV	318	4675	0.08%	0.002%
116	6.178	6.164	6.196	VV	356	5408	0.09%	0.003%
117	6.208	6.196	6.232	VV	469	6119	0.10%	0.003%
118	6.266	6.232	6.282	VV	489	7754	0.13%	0.004%
119	6.302	6.282	6.357	VV	4109	55195	0.90%	0.028%
120	6.365	6.357	6.373	VV	307	2632	0.04%	0.001%
121	6.383	6.373	6.399	VV	266	3252	0.05%	0.002%
122	6.416	6.399	6.438	VV	380	4678	0.08%	0.002%
123	6.457	6.438	6.464	PV	644	5745	0.09%	0.003%
124	6.481	6.464	6.518	VV	1935	27072	0.44%	0.014%
125	6.535	6.518	6.548	VV	489	5899	0.10%	0.003%
126	6.565	6.548	6.580	VV	485	6229	0.10%	0.003%
127	6.603	6.580	6.638	VV	2604	36456	0.60%	0.018%
128	6.656	6.638	6.701	VV	659	13047	0.21%	0.007%
129	6.712	6.701	6.724	VV	250	2545	0.04%	0.001%
130	6.766	6.724	6.826	VV	237316	2342962	38.31%	1.184%
131	6.843	6.826	6.869	VV	600	10752	0.18%	0.005%
132	6.887	6.869	6.904	VV	736	10331	0.17%	0.005%
133	6.922	6.904	6.944	VV	1508	18641	0.30%	0.009%
134	6.960	6.944	6.973	VV	372	5224	0.09%	0.003%
135	6.992	6.973	7.010	VV	421	6174	0.10%	0.003%
136	7.026	7.010	7.037	PV	504	4735	0.08%	0.002%
137	7.050	7.037	7.056	VV	438	4069	0.07%	0.002%
138	7.062	7.056	7.070	VV	377	2796	0.05%	0.001%
139	7.075	7.070	7.079	VV	374	1901	0.03%	0.001%
140	7.089	7.079	7.121	VV	487	7563	0.12%	0.004%
141	7.148	7.121	7.159	VV	241	4216	0.07%	0.002%

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142	7.170	7.159	7.189	VV	252	2834	0.05%	0.001%
143	7.219	7.189	7.229	VV	1933	19706	0.32%	0.010%
144	7.241	7.229	7.254	VV	2106	22726	0.37%	0.011%
145	7.267	7.254	7.285	VV	1650	23689	0.39%	0.012%
146	7.298	7.285	7.322	VV	999	18054	0.30%	0.009%
147	7.340	7.322	7.360	VV	863	13304	0.22%	0.007%
148	7.399	7.360	7.420	VV	1274	22716	0.37%	0.011%
149	7.439	7.420	7.453	VV	1047	12481	0.20%	0.006%
150	7.461	7.453	7.474	VV	553	6096	0.10%	0.003%
151	7.488	7.474	7.522	VV	773	11700	0.19%	0.006%
152	7.538	7.522	7.563	VV	948	12392	0.20%	0.006%
153	7.581	7.563	7.599	VV	1540	18367	0.30%	0.009%
154	7.612	7.599	7.643	VV	582	8234	0.13%	0.004%
155	7.658	7.643	7.680	VV	431	6307	0.10%	0.003%
156	7.714	7.680	7.754	VV	4713	66383	1.09%	0.034%
157	7.786	7.754	7.813	VV	582	15020	0.25%	0.008%
158	7.845	7.813	7.859	VV	551	10706	0.18%	0.005%
159	7.886	7.859	7.916	VV	536	10958	0.18%	0.006%
160	7.959	7.916	7.986	PV	369	8629	0.14%	0.004%
161	8.005	7.986	8.034	VV	571	8978	0.15%	0.005%
162	8.058	8.034	8.070	VV	457	6453	0.11%	0.003%
163	8.084	8.070	8.105	VV	436	6724	0.11%	0.003%
164	8.138	8.105	8.160	VV	1827	36518	0.60%	0.018%
165	8.174	8.160	8.189	VV	1237	14987	0.25%	0.008%
166	8.201	8.189	8.225	VV	909	11218	0.18%	0.006%
167	8.243	8.225	8.268	VV	901	11610	0.19%	0.006%
168	8.290	8.268	8.312	VV	1572	21825	0.36%	0.011%
169	8.346	8.312	8.361	VV	1168	17705	0.29%	0.009%
170	8.371	8.361	8.385	VV	597	6470	0.11%	0.003%
171	8.414	8.385	8.440	VV	1993	31545	0.52%	0.016%
172	8.488	8.440	8.506	VV	2463	42827	0.70%	0.022%
173	8.516	8.506	8.533	VV	1191	14298	0.23%	0.007%
174	8.598	8.533	8.627	VV	237282	2491882	40.74%	1.259%
175	8.639	8.627	8.651	VV	539	6791	0.11%	0.003%
176	8.676	8.651	8.680	VV	596	8822	0.14%	0.004%
177	8.705	8.680	8.739	VV	4495	64622	1.06%	0.033%
178	8.757	8.739	8.780	VV	1169	17975	0.29%	0.009%
179	8.795	8.780	8.818	VV	450	5154	0.08%	0.003%
180	8.832	8.818	8.847	VV	189	2144	0.04%	0.001%
181	8.864	8.847	8.881	VV	667	8041	0.13%	0.004%
182	8.887	8.881	8.913	VV	282	3167	0.05%	0.002%
183	8.927	8.913	8.937	VV	429	4378	0.07%	0.002%
184	8.958	8.937	8.974	VV	2080	27390	0.45%	0.014%
185	9.000	8.974	9.022	VV	15015	187584	3.07%	0.095%
186	9.033	9.022	9.050	VV	2821	35320	0.58%	0.018%
187	9.066	9.050	9.084	VV	2191	32588	0.53%	0.016%
188	9.091	9.084	9.108	VV	958	11350	0.19%	0.006%
189	9.138	9.108	9.154	VV	1498	26458	0.43%	0.013%
190	9.164	9.154	9.177	VV	799	8812	0.14%	0.004%
191	9.203	9.177	9.214	VV	2080	29670	0.49%	0.015%
192	9.220	9.214	9.238	VV	1635	19279	0.32%	0.010%
193	9.246	9.238	9.261	VV	1179	12938	0.21%	0.007%
194	9.277	9.261	9.307	VV	3480	38472	0.63%	0.019%

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195	9.341	9.307	9.389	VV	2383	43789	0.72%	0.022%
196	9.427	9.389	9.444	VV	3104	43693	0.71%	0.022%
197	9.459	9.444	9.473	VV	1908	26647	0.44%	0.013%
198	9.476	9.473	9.504	VV	1719	20142	0.33%	0.010%
199	9.523	9.504	9.546	VV	867	12733	0.21%	0.006%
200	9.572	9.546	9.591	PV	659	8577	0.14%	0.004%
201	9.605	9.591	9.617	VV	544	5521	0.09%	0.003%
202	9.624	9.617	9.643	VV	455	5483	0.09%	0.003%
203	9.658	9.643	9.674	VV	455	4654	0.08%	0.002%
204	9.684	9.674	9.696	VV	159	1152	0.02%	0.001%
205	9.711	9.696	9.724	PV	474	4879	0.08%	0.002%
206	9.749	9.724	9.771	VV	7098	80222	1.31%	0.041%
207	9.793	9.771	9.832	VV	9395	116552	1.91%	0.059%
208	9.846	9.832	9.859	VV	863	10746	0.18%	0.005%
209	9.876	9.859	9.904	VV	1194	22108	0.36%	0.011%
210	9.918	9.904	9.926	VV	997	10175	0.17%	0.005%
211	9.945	9.926	9.965	VV	2589	36757	0.60%	0.019%
212	9.987	9.965	10.022	VV	3491	54407	0.89%	0.027%
213	10.029	10.022	10.040	VV	761	7601	0.12%	0.004%
214	10.077	10.040	10.103	VV	299554	3090758	50.53%	1.562%
215	10.122	10.103	10.133	VV	3388	47944	0.78%	0.024%
216	10.141	10.133	10.166	VV	3205	39347	0.64%	0.020%
217	10.170	10.166	10.178	VV	656	4657	0.08%	0.002%
218	10.210	10.178	10.264	VV	226331	2530828	41.38%	1.279%
219	10.283	10.264	10.303	VV	860	12216	0.20%	0.006%
220	10.314	10.303	10.339	VV	724	7499	0.12%	0.004%
221	10.367	10.339	10.372	VV	1005	11230	0.18%	0.006%
222	10.377	10.372	10.413	VV	937	11906	0.19%	0.006%
223	10.419	10.413	10.433	VV	202	1611	0.03%	0.001%
224	10.458	10.433	10.473	PV	340	4281	0.07%	0.002%
225	10.501	10.473	10.523	VV	1002	13284	0.22%	0.007%
226	10.550	10.523	10.577	VV	24695	259836	4.25%	0.131%
227	10.599	10.577	10.617	VV	1425	18891	0.31%	0.010%
228	10.648	10.617	10.665	VV	3173	48534	0.79%	0.025%
229	10.680	10.665	10.705	VV	2280	29249	0.48%	0.015%
230	10.751	10.705	10.777	VV	2750	53102	0.87%	0.027%
231	10.800	10.777	10.804	VV	1995	18909	0.31%	0.010%
232	10.813	10.804	10.830	VV	2234	27303	0.45%	0.014%
233	10.848	10.830	10.869	VV	5496	67865	1.11%	0.034%
234	10.879	10.869	10.887	VV	1200	11514	0.19%	0.006%
235	10.904	10.887	10.935	VV	2485	47597	0.78%	0.024%
236	10.951	10.935	10.958	VV	2494	28841	0.47%	0.015%
237	10.968	10.958	10.982	VV	2535	29310	0.48%	0.015%
238	11.004	10.982	11.031	VV	5444	95985	1.57%	0.049%
239	11.048	11.031	11.083	VV	4328	64923	1.06%	0.033%
240	11.116	11.083	11.137	VV	3045	57398	0.94%	0.029%
241	11.170	11.137	11.177	VV	2120	24995	0.41%	0.013%
242	11.203	11.177	11.253	VV	121302	1360813	22.25%	0.688%
243	11.276	11.253	11.296	VV	24062	258406	4.23%	0.131%
244	11.304	11.296	11.321	VV	2833	30208	0.49%	0.015%
245	11.326	11.321	11.335	VV	832	6102	0.10%	0.003%
246	11.352	11.335	11.363	VV	911	11381	0.19%	0.006%

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247	11.376	11.363	11.414	VV	1069	17275	0.28%	0.009%
248	11.456	11.414	11.472	VV	2663	41849	0.68%	0.021%
249	11.489	11.472	11.531	VV	11453	142639	2.33%	0.072%
250	11.550	11.531	11.568	PV	637	9567	0.16%	0.005%
251	11.588	11.568	11.604	VV	2156	29878	0.49%	0.015%
252	11.657	11.604	11.698	VV	222303	2653559	43.39%	1.341%
253	11.724	11.698	11.781	VV	4754	131114	2.14%	0.066%
254	11.807	11.781	11.828	VV	1481	24730	0.40%	0.012%
255	11.853	11.828	11.874	VV	2308	33576	0.55%	0.017%
256	11.909	11.874	11.935	VV	5316	80759	1.32%	0.041%
257	11.958	11.935	11.986	VV	1757	35343	0.58%	0.018%
258	12.008	11.986	12.022	VV	10975	121908	1.99%	0.062%
259	12.038	12.022	12.059	VV	15099	167241	2.73%	0.085%
260	12.073	12.059	12.087	VV	2961	34371	0.56%	0.017%
261	12.124	12.087	12.142	VV	16171	230307	3.77%	0.116%
262	12.156	12.142	12.170	VV	6570	77383	1.27%	0.039%
263	12.187	12.170	12.213	VV	9369	125055	2.04%	0.063%
264	12.227	12.213	12.244	VV	1121	14728	0.24%	0.007%
265	12.265	12.244	12.288	VV	2067	31687	0.52%	0.016%
266	12.330	12.288	12.340	VV	3893	79886	1.31%	0.040%
267	12.361	12.340	12.385	VV	16763	205799	3.36%	0.104%
268	12.421	12.385	12.454	VV	8060	155491	2.54%	0.079%
269	12.480	12.454	12.504	VV	12347	160783	2.63%	0.081%
270	12.510	12.504	12.524	VV	1905	19774	0.32%	0.010%
271	12.537	12.524	12.547	VV	1915	22338	0.37%	0.011%
272	12.583	12.547	12.616	VV	158433	2074356	33.92%	1.048%
273	12.629	12.616	12.649	VV	4323	64535	1.06%	0.033%
274	12.657	12.649	12.679	VV	2150	31231	0.51%	0.016%
275	12.735	12.679	12.774	VV	2687	96652	1.58%	0.049%
276	12.801	12.774	12.809	VV	3850	49383	0.81%	0.025%
277	12.818	12.809	12.839	VV	4525	56433	0.92%	0.029%
278	12.859	12.839	12.890	VV	8862	130177	2.13%	0.066%
279	12.912	12.890	12.930	VV	7628	98774	1.61%	0.050%
280	12.972	12.930	13.000	VV	209116	2594013	42.41%	1.311%
281	13.030	13.000	13.064	VV	196781	2208686	36.11%	1.116%
282	13.088	13.064	13.114	VV	2402	43560	0.71%	0.022%
283	13.119	13.114	13.126	VV	844	5180	0.08%	0.003%
284	13.143	13.126	13.147	VV	1052	10800	0.18%	0.005%
285	13.166	13.147	13.175	VV	2114	26746	0.44%	0.014%
286	13.211	13.175	13.261	VV	7691	233680	3.82%	0.118%
287	13.267	13.261	13.280	VV	1779	16762	0.27%	0.008%
288	13.285	13.280	13.295	VV	1290	9859	0.16%	0.005%
289	13.328	13.295	13.353	VV	155802	1730454	28.29%	0.874%
290	13.382	13.353	13.398	VV	18680	266272	4.35%	0.135%
291	13.414	13.398	13.446	VV	16514	191303	3.13%	0.097%
292	13.467	13.446	13.477	PV	1195	12448	0.20%	0.006%
293	13.501	13.477	13.511	VV	5344	65890	1.08%	0.033%
294	13.525	13.511	13.551	VV	6867	100126	1.64%	0.051%
295	13.595	13.551	13.624	PV	33669	462718	7.57%	0.234%
296	13.647	13.624	13.693	VV	17215	350153	5.73%	0.177%
297	13.724	13.693	13.743	VV	5542	87149	1.42%	0.044%
298	13.754	13.743	13.762	VV	940	9196	0.15%	0.005%
299	13.813	13.762	13.874	VV	67890	1021436	16.70%	0.516%

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300	13.916	13.874	13.951	VV	22353	339733	5.55%	0.172%
301	13.985	13.951	14.000	PV	2135	28281	0.46%	0.014%
302	14.024	14.000	14.046	VV	13444	179164	2.93%	0.091%
303	14.064	14.046	14.085	VV	10410	121047	1.98%	0.061%
304	14.107	14.085	14.140	VV	5545	108082	1.77%	0.055%
305	14.174	14.140	14.214	VV	201748	2683981	43.88%	1.356%
306	14.234	14.214	14.274	VV	7991	120784	1.97%	0.061%
307	14.307	14.274	14.327	PV	4004	71692	1.17%	0.036%
308	14.338	14.327	14.361	VV	1986	32538	0.53%	0.016%
309	14.402	14.361	14.434	VV	2451	70075	1.15%	0.035%
310	14.447	14.434	14.452	VV	1161	10799	0.18%	0.005%
311	14.458	14.452	14.485	VV	1107	12120	0.20%	0.006%
312	14.506	14.485	14.512	VV	412	3957	0.06%	0.002%
313	14.561	14.512	14.578	PV	4456	67062	1.10%	0.034%
314	14.612	14.578	14.633	VV	4054	88814	1.45%	0.045%
315	14.651	14.633	14.689	VV	13266	179693	2.94%	0.091%
316	14.694	14.689	14.702	VV	883	5036	0.08%	0.003%
317	14.738	14.702	14.786	VV	9004	194178	3.17%	0.098%
318	14.833	14.786	14.875	VV	12133	253552	4.15%	0.128%
319	14.897	14.875	14.920	VV	19856	242397	3.96%	0.122%
320	14.954	14.920	14.986	VV	21383	318941	5.21%	0.161%
321	15.021	14.986	15.030	VV	2070	27868	0.46%	0.014%
322	15.076	15.030	15.130	VV	144362	1970136	32.21%	0.996%
323	15.161	15.130	15.180	VV	5368	69359	1.13%	0.035%
324	15.209	15.180	15.230	VV	79162	979239	16.01%	0.495%
325	15.253	15.230	15.263	VV	90511	1082545	17.70%	0.547%
326	15.280	15.263	15.314	VV	196106	2558455	41.83%	1.293%
327	15.320	15.314	15.338	VV	2148	22599	0.37%	0.011%
328	15.372	15.338	15.397	VV	16945	255345	4.17%	0.129%
329	15.415	15.397	15.429	VV	3243	49152	0.80%	0.025%
330	15.448	15.429	15.473	VV	6296	86383	1.41%	0.044%
331	15.510	15.473	15.532	VV	7619	113956	1.86%	0.058%
332	15.549	15.532	15.558	VV	5360	65066	1.06%	0.033%
333	15.567	15.558	15.600	VV	5483	69830	1.14%	0.035%
334	15.657	15.600	15.692	PV	72043	1039683	17.00%	0.525%
335	15.710	15.692	15.736	VV	11085	163236	2.67%	0.082%
336	15.743	15.736	15.758	VV	1482	15912	0.26%	0.008%
337	15.763	15.758	15.770	VV	984	5750	0.09%	0.003%
338	15.798	15.770	15.834	VV	22810	402430	6.58%	0.203%
339	15.854	15.834	15.861	VV	6270	90307	1.48%	0.046%
340	15.883	15.861	15.905	VV	19194	267283	4.37%	0.135%
341	15.924	15.905	15.944	VV	6801	82103	1.34%	0.041%
342	15.967	15.944	15.985	VV	3549	47767	0.78%	0.024%
343	16.015	15.985	16.035	VV	11572	228735	3.74%	0.116%
344	16.045	16.035	16.083	VV	9737	154292	2.52%	0.078%
345	16.122	16.083	16.155	VV	5159	93883	1.54%	0.047%
346	16.178	16.155	16.194	VV	3242	46935	0.77%	0.024%
347	16.211	16.194	16.219	VV	2967	34438	0.56%	0.017%
348	16.237	16.219	16.257	VV	5522	71350	1.17%	0.036%
349	16.262	16.257	16.266	VV	899	3489	0.06%	0.002%
350	16.304	16.266	16.335	VV	182026	2451812	40.09%	1.239%
351	16.367	16.335	16.385	VV	3238	65999	1.08%	0.033%

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352	16.416	16.385	16.441	VV	2889	40293	0.66%	0.020%
353	16.465	16.441	16.469	PV	1961	13929	0.23%	0.007%
354	16.497	16.469	16.516	VV	7070	138228	2.26%	0.070%
355	16.521	16.516	16.537	VV	5359	47368	0.77%	0.024%
356	16.556	16.537	16.576	VV	5215	76115	1.24%	0.038%
357	16.609	16.576	16.643	VV	6792	162508	2.66%	0.082%
358	16.674	16.643	16.724	VV	20471	420944	6.88%	0.213%
359	16.775	16.724	16.792	VV	87678	1270789	20.78%	0.642%
360	16.799	16.792	16.837	VV	36936	432062	7.06%	0.218%
361	16.863	16.837	16.879	PV	3144	51578	0.84%	0.026%
362	16.905	16.879	16.973	VV	17006	439793	7.19%	0.222%
363	16.996	16.973	17.018	VV	11598	203634	3.33%	0.103%
364	17.027	17.018	17.033	VV	6602	56099	0.92%	0.028%
365	17.096	17.033	17.122	VV	55889	955091	15.62%	0.483%
366	17.153	17.122	17.193	VV	65308	936354	15.31%	0.473%
367	17.258	17.193	17.287	VV	184486	2743663	44.86%	1.386%
368	17.307	17.287	17.318	VV	16381	268742	4.39%	0.136%
369	17.333	17.318	17.363	VV	21584	382410	6.25%	0.193%
370	17.367	17.363	17.377	VV	7985	57956	0.95%	0.029%
371	17.391	17.377	17.422	VV	9388	188994	3.09%	0.096%
372	17.444	17.422	17.448	VV	6119	79073	1.29%	0.040%
373	17.463	17.448	17.481	VV	8212	139019	2.27%	0.070%
374	17.521	17.481	17.547	VV	12499	364464	5.96%	0.184%
375	17.560	17.547	17.575	VV	8784	120543	1.97%	0.061%
376	17.583	17.575	17.599	VV	7899	98617	1.61%	0.050%
377	17.620	17.599	17.641	VV	20199	362650	5.93%	0.183%
378	17.655	17.641	17.670	VV	14645	225048	3.68%	0.114%
379	17.680	17.670	17.686	VV	12792	106022	1.73%	0.054%
380	17.706	17.686	17.728	VV	18327	344645	5.64%	0.174%
381	17.748	17.728	17.754	VV	10366	155129	2.54%	0.078%
382	17.758	17.754	17.773	VV	10036	101604	1.66%	0.051%
383	17.789	17.773	17.794	VV	10576	113497	1.86%	0.057%
384	17.816	17.794	17.820	VV	13629	180522	2.95%	0.091%
385	17.825	17.820	17.838	VV	14070	141797	2.32%	0.072%
386	17.848	17.838	17.868	VV	10571	164412	2.69%	0.083%
387	17.881	17.868	17.895	VV	10583	148058	2.42%	0.075%
388	17.924	17.895	17.939	VV	12389	269802	4.41%	0.136%
389	17.944	17.939	17.955	VV	8930	79173	1.29%	0.040%
390	17.959	17.955	17.968	VV	8648	57153	0.93%	0.029%
391	17.976	17.968	17.980	VV	8300	51586	0.84%	0.026%
392	17.986	17.980	17.990	VV	8356	46867	0.77%	0.024%
393	18.003	17.990	18.026	VV	9016	169842	2.78%	0.086%
394	18.050	18.026	18.055	VV	13175	181048	2.96%	0.091%
395	18.071	18.055	18.088	VV	13404	240977	3.94%	0.122%
396	18.149	18.088	18.180	VV	177375	3004525	49.12%	1.518%
397	18.192	18.180	18.201	VV	12431	143023	2.34%	0.072%
398	18.216	18.201	18.220	VV	13972	150628	2.46%	0.076%
399	18.238	18.220	18.250	VV	17470	277603	4.54%	0.140%
400	18.254	18.250	18.261	VV	16763	108582	1.78%	0.055%
401	18.295	18.261	18.307	VV	22785	535265	8.75%	0.270%
402	18.320	18.307	18.339	VV	22963	393248	6.43%	0.199%
403	18.348	18.339	18.353	VV	20011	159596	2.61%	0.081%
404	18.362	18.353	18.367	VV	20525	160705	2.63%	0.081%

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405	18.375	18.367	18.405	VV	20567	406224	6.64%	0.205%
406	18.437	18.405	18.461	VV	26788	690687	11.29%	0.349%
407	18.466	18.461	18.482	VV	20690	245178	4.01%	0.124%
408	18.511	18.482	18.517	VV	60164	903080	14.77%	0.456%
409	18.525	18.517	18.550	VV	70224	1012086	16.55%	0.511%
410	18.570	18.550	18.602	VV	38472	853601	13.96%	0.431%
411	18.619	18.602	18.635	VV	21177	387723	6.34%	0.196%
412	18.664	18.635	18.681	VV	36967	766797	12.54%	0.387%
413	18.694	18.681	18.732	VV	34541	787795	12.88%	0.398%
414	18.741	18.732	18.758	VV	21510	319317	5.22%	0.161%
415	18.784	18.758	18.814	VV	75339	1333971	21.81%	0.674%
416	18.834	18.814	18.848	VV	21996	412911	6.75%	0.209%
417	18.866	18.848	18.880	VV	26304	463866	7.58%	0.234%
418	18.914	18.880	18.937	VV	34820	918463	15.02%	0.464%
419	18.984	18.937	19.025	VV	187688	3521331	57.57%	1.779%
420	19.053	19.025	19.059	VV	25061	481339	7.87%	0.243%
421	19.093	19.059	19.108	VV	38795	956927	15.65%	0.484%
422	19.113	19.108	19.120	VV	29798	205835	3.37%	0.104%
423	19.144	19.120	19.167	VV	36023	884430	14.46%	0.447%
424	19.186	19.167	19.199	VV	32694	588384	9.62%	0.297%
425	19.217	19.199	19.226	VV	33421	494943	8.09%	0.250%
426	19.258	19.226	19.276	VV	37363	1020714	16.69%	0.516%
427	19.339	19.276	19.366	VV	69507	2396214	39.18%	1.211%
428	19.385	19.366	19.415	VV	46036	1256409	20.54%	0.635%
429	19.420	19.415	19.432	VV	39496	382778	6.26%	0.193%
430	19.463	19.432	19.471	VV	44131	941448	15.39%	0.476%
431	19.486	19.471	19.504	VV	45027	869156	14.21%	0.439%
432	19.518	19.504	19.534	VV	46349	782827	12.80%	0.396%
433	19.546	19.534	19.553	VV	41304	462605	7.56%	0.234%
434	19.587	19.553	19.607	VV	54533	1518426	24.83%	0.767%
435	19.627	19.607	19.635	VV	49574	833680	13.63%	0.421%
436	19.642	19.635	19.653	VV	48868	508144	8.31%	0.257%
437	19.657	19.653	19.662	VV	45714	226541	3.70%	0.114%
438	19.681	19.662	19.717	VV	50402	1527671	24.98%	0.772%
439	19.773	19.717	19.800	VV	221225	4795132	78.40%	2.423%
440	19.804	19.800	19.819	VV	52477	590646	9.66%	0.298%
441	19.836	19.819	19.843	VV	54028	747590	12.22%	0.378%
442	19.847	19.843	19.854	VV	52605	332538	5.44%	0.168%
443	19.880	19.854	19.910	VV	66656	1969652	32.20%	0.995%
444	19.915	19.910	19.919	VV	54522	292246	4.78%	0.148%
445	19.950	19.919	19.980	VV	78487	2386130	39.01%	1.206%
446	19.985	19.980	19.991	VV	60433	388510	6.35%	0.196%
447	20.016	19.991	20.039	VV	75767	1943347	31.77%	0.982%
448	20.042	20.039	20.047	VV	63779	280439	4.59%	0.142%
449	20.053	20.047	20.062	VV	64477	586022	9.58%	0.296%
450	20.070	20.062	20.088	VV	63212	908972	14.86%	0.459%
451	20.097	20.088	20.103	VV	59239	526864	8.61%	0.266%
452	20.116	20.103	20.129	VV	64718	983203	16.08%	0.497%
453	20.135	20.129	20.141	VV	65195	453681	7.42%	0.229%
454	20.145	20.141	20.163	VV	64761	834173	13.64%	0.422%
455	20.204	20.163	20.223	VV	71145	2343170	38.31%	1.184%
456	20.235	20.223	20.255	VV	68866	1229456	20.10%	0.621%

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457	20.273	20.255	20.282	VV	71432	1076055	17.59%	0.544%
458	20.330	20.282	20.362	VV	95931	3908441	63.90%	1.975%
459	20.406	20.362	20.424	VV	85837	2917395	47.70%	1.474%
460	20.428	20.424	20.443	VV	79164	898915	14.70%	0.454%
461	20.449	20.443	20.462	VV	78184	857917	14.03%	0.434%
462	20.473	20.462	20.484	VV	82598	1019702	16.67%	0.515%
463	20.517	20.484	20.547	VV	266985	5739660	93.84%	2.900%
464	20.555	20.547	20.561	VV	85039	683093	11.17%	0.345%
465	20.568	20.561	20.571	VV	80917	483648	7.91%	0.244%
466	20.578	20.571	20.581	VV	82726	467983	7.65%	0.236%
467	20.601	20.581	20.622	VV	88374	2044163	33.42%	1.033%
468	20.657	20.622	20.664	VV	85917	2079392	34.00%	1.051%
469	20.680	20.664	20.730	VV	104559	3627268	59.31%	1.833%
470	20.739	20.730	20.761	VV	84709	1461194	23.89%	0.738%
471	20.769	20.761	20.774	VV	76017	602947	9.86%	0.305%
472	20.778	20.774	20.780	VV	75450	274847	4.49%	0.139%
473	20.808	20.780	20.845	VV	80128	2962609	48.44%	1.497%
474	20.870	20.845	20.882	VV	76513	1624438	26.56%	0.821%
475	20.899	20.882	20.917	VV	80127	1605019	26.24%	0.811%
476	20.936	20.917	20.960	VV	85891	2067136	33.80%	1.045%
477	20.971	20.960	20.975	VV	76156	660605	10.80%	0.334%
478	20.988	20.975	21.007	VV	77232	1432946	23.43%	0.724%
479	21.011	21.007	21.016	VV	69395	376011	6.15%	0.190%
480	21.023	21.016	21.029	VV	69280	518707	8.48%	0.262%
481	21.041	21.029	21.061	VV	71977	1303830	21.32%	0.659%
482	21.070	21.061	21.077	VV	63812	599879	9.81%	0.303%
483	21.081	21.077	21.093	VV	64371	578786	9.46%	0.292%
484	21.097	21.093	21.102	VV	60711	318370	5.21%	0.161%
485	21.115	21.102	21.130	VV	62474	1014552	16.59%	0.513%
486	21.147	21.130	21.153	VV	58995	791628	12.94%	0.400%
487	21.158	21.153	21.161	VV	56855	287306	4.70%	0.145%
488	21.181	21.161	21.190	VV	62676	1044713	17.08%	0.528%
489	21.214	21.190	21.226	VV	64448	1319405	21.57%	0.667%
490	21.276	21.226	21.320	VV	224153	6116114	100.00%	3.091%
491	21.350	21.320	21.362	VV	57908	1391460	22.75%	0.703%
492	21.367	21.362	21.377	VV	57504	485938	7.95%	0.246%
493	21.382	21.377	21.395	VV	56676	630187	10.30%	0.318%
494	21.402	21.395	21.460	VV	54771	1950173	31.89%	0.985%
495	21.466	21.460	21.480	VV	47024	540601	8.84%	0.273%
496	21.487	21.480	21.507	VV	42466	656269	10.73%	0.332%
497	21.514	21.507	21.539	VV	41360	736858	12.05%	0.372%
498	21.550	21.539	21.556	VV	40029	407268	6.66%	0.206%
499	21.563	21.556	21.569	VV	39471	290051	4.74%	0.147%
500	21.582	21.569	21.606	VV	40901	849667	13.89%	0.429%
501	21.634	21.606	21.640	VV	41879	812886	13.29%	0.411%
502	21.647	21.640	21.652	VV	44845	309191	5.06%	0.156%
503	21.658	21.652	21.674	VV	46319	578381	9.46%	0.292%
504	21.678	21.674	21.697	VV	43337	555075	9.08%	0.280%
505	21.730	21.697	21.740	VV	39773	997987	16.32%	0.504%
506	21.746	21.740	21.777	VV	39247	791829	12.95%	0.400%
507	21.803	21.777	21.809	VV	38328	688021	11.25%	0.348%
508	21.814	21.809	21.839	VV	38285	645379	10.55%	0.326%
509	21.846	21.839	21.851	VV	34296	233959	3.83%	0.118%

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510	21.854	21.851	21.858	VV	32797	136995	2.24%	0.069%
511	21.865	21.858	21.905	VV	33180	742128	12.13%	0.375%
512	21.910	21.905	21.916	VV	19215	116347	1.90%	0.059%
513	21.920	21.916	21.926	VV	19288	102574	1.68%	0.052%
514	21.931	21.926	21.937	VV	17711	113890	1.86%	0.058%
515	21.941	21.937	21.947	VV	17530	104308	1.71%	0.053%
516	21.966	21.947	21.975	VV	17526	276011	4.51%	0.139%
517	22.000	21.975	22.017	VV	19191	438213	7.16%	0.221%
518	22.025	22.017	22.032	VV	17844	156492	2.56%	0.079%
519	22.041	22.032	22.050	VV	17792	183358	3.00%	0.093%
520	22.066	22.050	22.084	VV	19362	350839	5.74%	0.177%
521	22.088	22.084	22.104	VV	14913	160181	2.62%	0.081%
522	22.110	22.104	22.120	VV	12863	114259	1.87%	0.058%
523	22.146	22.120	22.156	VV	19150	323873	5.30%	0.164%
524	22.165	22.156	22.173	VV	18397	176770	2.89%	0.089%
525	22.228	22.173	22.292	VV	149111	4003468	65.46%	2.023%

Sum of corrected areas: 197899423

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