

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090924\
 Data File : FG014179.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2024 14:45
 Sample : P3880-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG081624.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.851	1.823	1.879	BV	173	2270	0.17%	0.006%
2	1.883	1.879	1.891	PV	64	314	0.02%	0.001%
3	1.900	1.891	1.916	VV	124	1143	0.09%	0.003%
4	1.919	1.916	1.924	VV	103	271	0.02%	0.001%
5	1.936	1.924	1.941	PV	254	810	0.06%	0.002%
6	1.953	1.941	1.998	VV	263	4914	0.37%	0.012%
7	2.007	1.998	2.012	PV	76	377	0.03%	0.001%
8	2.030	2.012	2.068	VV	580	7121	0.54%	0.018%
9	2.073	2.068	2.082	VV	110	515	0.04%	0.001%
10	2.092	2.082	2.108	PV	127	1204	0.09%	0.003%
11	2.123	2.108	2.128	VV	82	575	0.04%	0.001%
12	2.152	2.128	2.189	VV	451	6108	0.46%	0.015%
13	2.195	2.189	2.199	VV	119	556	0.04%	0.001%
14	2.214	2.199	2.221	VV	208	2029	0.15%	0.005%
15	2.227	2.221	2.231	VV	175	991	0.07%	0.002%
16	2.246	2.231	2.316	VV	1268	25032	1.89%	0.063%
17	2.319	2.316	2.337	VV	143	1213	0.09%	0.003%
18	2.361	2.337	2.369	VV	177	1919	0.15%	0.005%
19	2.390	2.369	2.419	VV	270	4316	0.33%	0.011%
20	2.425	2.419	2.441	VV	120	1292	0.10%	0.003%
21	2.445	2.441	2.455	VV	137	781	0.06%	0.002%
22	2.470	2.455	2.477	VV	97	716	0.05%	0.002%
23	2.483	2.477	2.487	VV	81	273	0.02%	0.001%
24	2.516	2.487	2.552	VV	853	12850	0.97%	0.032%
25	2.558	2.552	2.577	VV	95	928	0.07%	0.002%
26	2.584	2.577	2.589	VV	78	408	0.03%	0.001%

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27	2.624	2.589	2.685	PV	2990	45909	3.47%	0.115%
28	2.706	2.685	2.722	VV	131	1482	0.11%	0.004%
29	2.744	2.722	2.773	PV	237	3726	0.28%	0.009%
30	2.782	2.773	2.801	VV	118	1160	0.09%	0.003%
31	2.808	2.801	2.813	VV	103	436	0.03%	0.001%
32	2.841	2.813	2.856	VV	284	3819	0.29%	0.010%
33	2.869	2.856	2.873	VV	128	930	0.07%	0.002%
34	2.897	2.873	2.938	VV	3729	42473	3.21%	0.106%
35	2.944	2.938	2.957	VV	129	1172	0.09%	0.003%
36	2.968	2.957	2.977	VV	222	2191	0.17%	0.005%
37	2.982	2.977	2.989	VV	239	1345	0.10%	0.003%
38	3.007	2.989	3.045	VV	1203	14938	1.13%	0.037%
39	3.058	3.045	3.072	VV	107	874	0.07%	0.002%
40	3.076	3.072	3.087	VV	68	406	0.03%	0.001%
41	3.097	3.087	3.102	VV	57	321	0.02%	0.001%
42	3.120	3.102	3.163	PV	108	2268	0.17%	0.006%
43	3.200	3.163	3.231	VV	367	7564	0.57%	0.019%
44	3.240	3.231	3.244	VV	166	1035	0.08%	0.003%
45	3.249	3.244	3.260	VV	163	879	0.07%	0.002%
46	3.264	3.260	3.270	VV	84	323	0.02%	0.001%
47	3.285	3.270	3.298	VV	109	1080	0.08%	0.003%
48	3.315	3.298	3.337	VV	294	3877	0.29%	0.010%
49	3.347	3.337	3.358	VV	154	1530	0.12%	0.004%
50	3.368	3.358	3.386	VV	167	1859	0.14%	0.005%
51	3.396	3.386	3.401	VV	85	482	0.04%	0.001%
52	3.407	3.401	3.423	VV	140	1325	0.10%	0.003%
53	3.430	3.423	3.455	VV	183	2124	0.16%	0.005%
54	3.458	3.455	3.463	VV	106	337	0.03%	0.001%
55	3.476	3.463	3.480	VV	170	1049	0.08%	0.003%
56	3.484	3.480	3.492	VV	132	673	0.05%	0.002%
57	3.514	3.492	3.537	VV	278	4703	0.36%	0.012%
58	3.541	3.537	3.545	VV	149	605	0.05%	0.002%
59	3.550	3.545	3.564	VV	161	1347	0.10%	0.003%
60	3.590	3.564	3.606	VV	179	2781	0.21%	0.007%
61	3.610	3.606	3.626	VV	85	797	0.06%	0.002%
62	3.650	3.626	3.664	VV	288	4300	0.33%	0.011%
63	3.684	3.664	3.703	VV	359	5262	0.40%	0.013%
64	3.706	3.703	3.715	VV	167	924	0.07%	0.002%
65	3.729	3.715	3.747	VV	197	2943	0.22%	0.007%
66	3.751	3.747	3.761	VV	93	604	0.05%	0.002%
67	3.785	3.761	3.801	VV	657	9342	0.71%	0.023%
68	3.807	3.801	3.822	VV	360	3378	0.26%	0.008%
69	3.828	3.822	3.848	VV	181	2152	0.16%	0.005%
70	3.853	3.848	3.858	VV	88	276	0.02%	0.001%

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71	3.883	3.858	3.908	PV	729	9441	0.71%	0.024%
72	3.911	3.908	3.938	VV	143	1714	0.13%	0.004%
73	3.944	3.938	3.956	VV	52	439	0.03%	0.001%
74	3.966	3.956	3.970	VV	160	861	0.07%	0.002%
75	3.994	3.970	4.048	VV	798	18707	1.42%	0.047%
76	4.054	4.048	4.061	VV	186	1205	0.09%	0.003%
77	4.065	4.061	4.078	VV	212	1529	0.12%	0.004%
78	4.101	4.078	4.120	VV	262	4224	0.32%	0.011%
79	4.130	4.120	4.145	VV	225	2740	0.21%	0.007%
80	4.175	4.145	4.205	VV	1113	17543	1.33%	0.044%
81	4.209	4.205	4.222	VV	246	1917	0.15%	0.005%
82	4.225	4.222	4.231	VV	270	1289	0.10%	0.003%
83	4.235	4.231	4.247	VV	284	2108	0.16%	0.005%
84	4.256	4.247	4.266	VV	206	1801	0.14%	0.005%
85	4.268	4.266	4.275	VV	175	719	0.05%	0.002%
86	4.281	4.275	4.291	VV	182	1255	0.09%	0.003%
87	4.295	4.291	4.300	VV	175	864	0.07%	0.002%
88	4.312	4.300	4.325	VV	237	2659	0.20%	0.007%
89	4.330	4.325	4.338	VV	188	1318	0.10%	0.003%
90	4.344	4.338	4.375	VV	240	3764	0.28%	0.009%
91	4.394	4.375	4.400	VV	217	2113	0.16%	0.005%
92	4.406	4.400	4.412	VV	162	979	0.07%	0.002%
93	4.453	4.412	4.471	VV	762	11329	0.86%	0.028%
94	4.492	4.471	4.520	VV	835	12794	0.97%	0.032%
95	4.524	4.520	4.547	VV	266	2993	0.23%	0.008%
96	4.576	4.547	4.592	VV	431	7619	0.58%	0.019%
97	4.604	4.592	4.608	VV	271	2111	0.16%	0.005%
98	4.628	4.608	4.653	VV	692	10266	0.78%	0.026%
99	4.674	4.653	4.718	VV	366	9491	0.72%	0.024%
100	4.737	4.718	4.753	VV	368	4899	0.37%	0.012%
101	4.759	4.753	4.765	VV	175	1206	0.09%	0.003%
102	4.774	4.765	4.779	VV	185	1168	0.09%	0.003%
103	4.786	4.779	4.793	VV	185	1293	0.10%	0.003%
104	4.797	4.793	4.824	VV	212	2616	0.20%	0.007%
105	4.841	4.824	4.855	VV	357	4324	0.33%	0.011%
106	4.878	4.855	4.895	VV	442	6951	0.53%	0.017%
107	4.913	4.895	4.930	VV	331	4816	0.36%	0.012%
108	4.953	4.930	4.997	VV	457	8539	0.65%	0.021%
109	5.003	4.997	5.009	VV	107	716	0.05%	0.002%
110	5.028	5.009	5.063	VV	187	3871	0.29%	0.010%
111	5.068	5.063	5.085	VV	120	1049	0.08%	0.003%
112	5.091	5.085	5.101	VV	162	1178	0.09%	0.003%
113	5.117	5.101	5.125	VV	292	2931	0.22%	0.007%

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114	5.129	5.125	5.142	VV	228	1886	0.14%	0.005%
115	5.156	5.142	5.191	VV	379	6761	0.51%	0.017%
116	5.208	5.191	5.222	VV	238	3283	0.25%	0.008%
117	5.240	5.222	5.258	VV	546	6621	0.50%	0.017%
118	5.274	5.258	5.313	VV	291	6381	0.48%	0.016%
119	5.318	5.313	5.325	VV	114	586	0.04%	0.001%
120	5.331	5.325	5.343	VV	138	1108	0.08%	0.003%
121	5.347	5.343	5.354	VV	134	832	0.06%	0.002%
122	5.361	5.354	5.368	VV	163	1137	0.09%	0.003%
123	5.376	5.368	5.388	VV	163	1678	0.13%	0.004%
124	5.407	5.388	5.440	VV	506	9416	0.71%	0.024%
125	5.444	5.440	5.455	VV	269	2119	0.16%	0.005%
126	5.467	5.455	5.514	VV	216	5119	0.39%	0.013%
127	5.527	5.514	5.531	VV	157	1240	0.09%	0.003%
128	5.535	5.531	5.570	VV	160	1512	0.11%	0.004%
129	5.591	5.570	5.607	PV	891	10561	0.80%	0.026%
130	5.621	5.607	5.635	VV	505	5759	0.44%	0.014%
131	5.646	5.635	5.674	VV	719	11117	0.84%	0.028%
132	5.684	5.674	5.701	VV	319	3993	0.30%	0.010%
133	5.716	5.701	5.736	VV	301	4918	0.37%	0.012%
134	5.754	5.736	5.766	VV	220	2806	0.21%	0.007%
135	5.783	5.766	5.800	VV	270	4516	0.34%	0.011%
136	5.804	5.800	5.831	VV	140	1927	0.15%	0.005%
137	5.843	5.831	5.847	VV	156	937	0.07%	0.002%
138	5.853	5.847	5.862	VV	241	1298	0.10%	0.003%
139	5.879	5.862	5.903	VV	575	8422	0.64%	0.021%
140	5.906	5.903	5.922	VV	303	2596	0.20%	0.007%
141	5.938	5.922	5.969	VV	503	7165	0.54%	0.018%
142	5.982	5.969	6.011	VV	275	3744	0.28%	0.009%
143	6.022	6.011	6.048	VV	124	1566	0.12%	0.004%
144	6.067	6.048	6.088	PV	183	2685	0.20%	0.007%
145	6.093	6.088	6.098	VV	65	300	0.02%	0.001%
146	6.112	6.098	6.124	VV	192	2156	0.16%	0.005%
147	6.130	6.124	6.139	VV	197	1438	0.11%	0.004%
148	6.160	6.139	6.187	VV	2254	27405	2.07%	0.069%
149	6.197	6.187	6.230	VV	415	7176	0.54%	0.018%
150	6.233	6.230	6.246	VV	214	1555	0.12%	0.004%
151	6.266	6.246	6.283	VV	241	3905	0.30%	0.010%
152	6.313	6.283	6.323	VV	292	4336	0.33%	0.011%
153	6.338	6.323	6.380	VV	551	9567	0.72%	0.024%
154	6.386	6.380	6.401	VV	161	1650	0.12%	0.004%
155	6.405	6.401	6.409	VV	131	579	0.04%	0.001%
156	6.438	6.409	6.473	VV	609	13194	1.00%	0.033%

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157	6.480	6.473	6.491	VV	199	1906	0.14%	0.005%
158	6.499	6.491	6.518	VV	221	2473	0.19%	0.006%
159	6.539	6.518	6.560	VV	608	7639	0.58%	0.019%
160	6.564	6.560	6.582	VV	162	1564	0.12%	0.004%
161	6.594	6.582	6.606	VV	121	1432	0.11%	0.004%
162	6.626	6.606	6.665	VV	487	7485	0.57%	0.019%
163	6.668	6.665	6.671	VV	51	130	0.01%	0.000%
164	6.678	6.671	6.688	VV	79	503	0.04%	0.001%
165	6.693	6.688	6.698	VV	163	756	0.06%	0.002%
166	6.705	6.698	6.712	VV	177	1134	0.09%	0.003%
167	6.741	6.712	6.756	VV	516	7958	0.60%	0.020%
168	6.773	6.756	6.821	VV	458	7521	0.57%	0.019%
169	6.828	6.821	6.843	VV	151	1340	0.10%	0.003%
170	6.847	6.843	6.868	VV	132	1225	0.09%	0.003%
171	6.879	6.868	6.885	VV	70	351	0.03%	0.001%
172	6.906	6.885	6.935	VV	1091	11783	0.89%	0.030%
173	6.945	6.935	6.963	VV	182	2204	0.17%	0.006%
174	6.986	6.963	6.994	VV	145	1969	0.15%	0.005%
175	7.027	6.994	7.043	VV	777	9828	0.74%	0.025%
176	7.048	7.043	7.053	VV	223	1104	0.08%	0.003%
177	7.068	7.053	7.082	VV	247	2988	0.23%	0.007%
178	7.090	7.082	7.094	VV	92	544	0.04%	0.001%
179	7.099	7.094	7.123	VV	93	1031	0.08%	0.003%
180	7.157	7.123	7.177	VV	291	6158	0.47%	0.015%
181	7.214	7.177	7.234	VV	1461	24449	1.85%	0.061%
182	7.259	7.234	7.325	VV	3754	78709	5.96%	0.197%
183	7.347	7.325	7.367	VV	875	18367	1.39%	0.046%
184	7.395	7.367	7.479	VV	3941	99005	7.49%	0.248%
185	7.490	7.479	7.502	VV	930	12315	0.93%	0.031%
186	7.517	7.502	7.535	VV	957	17947	1.36%	0.045%
187	7.545	7.535	7.554	VV	885	9447	0.71%	0.024%
188	7.574	7.554	7.605	VV	1126	27201	2.06%	0.068%
189	7.607	7.605	7.626	VV	775	9098	0.69%	0.023%
190	7.634	7.626	7.641	VV	725	5840	0.44%	0.015%
191	7.651	7.641	7.683	VV	699	15535	1.18%	0.039%
192	7.688	7.683	7.705	VV	517	5902	0.45%	0.015%
193	7.709	7.705	7.731	VV	502	6681	0.51%	0.017%
194	7.735	7.731	7.738	VV	413	1617	0.12%	0.004%
195	7.746	7.738	7.772	VV	483	7397	0.56%	0.019%
196	7.801	7.772	7.828	VV	422	10080	0.76%	0.025%
197	7.859	7.828	7.899	VV	438	9048	0.68%	0.023%
198	7.906	7.899	7.945	VV	182	2737	0.21%	0.007%
199	7.949	7.945	7.954	VV	78	288	0.02%	0.001%
200	7.959	7.954	7.972	VV	106	702	0.05%	0.002%

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201	8.002	7.972	8.007	VV	303	3023	0.23%	0.008%
202	8.010	8.007	8.014	VV	279	1002	0.08%	0.003%
203	8.028	8.014	8.043	VV	391	5257	0.40%	0.013%
204	8.053	8.043	8.060	VV	238	2207	0.17%	0.006%
205	8.064	8.060	8.083	VV	216	2232	0.17%	0.006%
206	8.089	8.083	8.095	VV	157	859	0.07%	0.002%
207	8.108	8.095	8.114	VV	250	1659	0.13%	0.004%
208	8.118	8.114	8.128	VV	162	813	0.06%	0.002%
209	8.132	8.128	8.136	PV	114	359	0.03%	0.001%
210	8.166	8.136	8.180	VV	677	11417	0.86%	0.029%
211	8.185	8.180	8.195	VV	498	4192	0.32%	0.011%
212	8.208	8.195	8.234	VV	668	10581	0.80%	0.027%
213	8.276	8.234	8.302	VV	1484	38534	2.92%	0.097%
214	8.311	8.302	8.319	VV	780	7958	0.60%	0.020%
215	8.325	8.319	8.356	VV	749	15609	1.18%	0.039%
216	8.378	8.356	8.396	VV	3478	53401	4.04%	0.134%
217	8.406	8.396	8.436	VV	2387	47022	3.56%	0.118%
218	8.460	8.436	8.512	VV	2081	73468	5.56%	0.184%
219	8.559	8.512	8.631	VV	2864	105476	7.98%	0.264%
220	8.652	8.631	8.680	VV	1304	25698	1.94%	0.064%
221	8.688	8.680	8.693	VV	547	4281	0.32%	0.011%
222	8.697	8.693	8.772	VV	527	15797	1.20%	0.040%
223	8.792	8.772	8.797	VV	208	2301	0.17%	0.006%
224	8.801	8.797	8.808	VV	153	851	0.06%	0.002%
225	8.809	8.808	8.813	VV	140	383	0.03%	0.001%
226	8.820	8.813	8.838	VV	188	1801	0.14%	0.005%
227	8.861	8.838	8.883	VV	649	9986	0.76%	0.025%
228	8.886	8.883	8.892	VV	392	1909	0.14%	0.005%
229	8.913	8.892	8.927	VV	664	10435	0.79%	0.026%
230	8.937	8.927	8.953	VV	516	7445	0.56%	0.019%
231	8.973	8.953	8.993	VV	666	13689	1.04%	0.034%
232	9.005	8.993	9.015	VV	607	7249	0.55%	0.018%
233	9.021	9.015	9.037	VV	529	5994	0.45%	0.015%
234	9.055	9.037	9.083	VV	557	11799	0.89%	0.030%
235	9.105	9.083	9.121	VV	1146	16879	1.28%	0.042%
236	9.138	9.121	9.161	VV	933	17585	1.33%	0.044%
237	9.186	9.161	9.215	VV	1985	40672	3.08%	0.102%
238	9.230	9.215	9.249	VV	765	12639	0.96%	0.032%
239	9.275	9.249	9.298	VV	1421	28045	2.12%	0.070%
240	9.315	9.298	9.406	VV	1810	46082	3.49%	0.116%
241	9.430	9.406	9.449	PV	1487	17754	1.34%	0.045%
242	9.465	9.449	9.499	VV	1035	17811	1.35%	0.045%
243	9.510	9.499	9.527	VV	229	2591	0.20%	0.006%

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244	9.567	9.527	9.606	PV	910	16323	1.24%	0.041%
245	9.610	9.606	9.614	VV	170	598	0.05%	0.001%
246	9.653	9.614	9.660	VV	790	16155	1.22%	0.041%
247	9.669	9.660	9.708	VV	1034	14667	1.11%	0.037%
248	9.728	9.708	9.746	VV	829	10231	0.77%	0.026%
249	9.752	9.746	9.769	VV	542	5898	0.45%	0.015%
250	9.786	9.769	9.819	VV	727	12465	0.94%	0.031%
251	9.832	9.819	9.844	VV	358	3738	0.28%	0.009%
252	9.858	9.844	9.880	VV	515	5933	0.45%	0.015%
253	9.901	9.880	9.911	PV	525	5435	0.41%	0.014%
254	9.936	9.911	10.010	VV	27290	579620	43.86%	1.453%
255	10.015	10.010	10.032	VV	2092	24044	1.82%	0.060%
256	10.049	10.032	10.061	VV	2824	38461	2.91%	0.096%
257	10.071	10.061	10.106	VV	2371	50231	3.80%	0.126%
258	10.123	10.106	10.151	VV	1606	28861	2.18%	0.072%
259	10.180	10.151	10.219	VV	1307	30275	2.29%	0.076%
260	10.242	10.219	10.249	VV	3984	41509	3.14%	0.104%
261	10.261	10.249	10.274	VV	4496	57730	4.37%	0.145%
262	10.281	10.274	10.295	VV	3167	33054	2.50%	0.083%
263	10.337	10.295	10.356	VV	7324	180551	13.66%	0.453%
264	10.367	10.356	10.386	VV	4067	54217	4.10%	0.136%
265	10.403	10.386	10.409	VV	4888	48087	3.64%	0.121%
266	10.420	10.409	10.433	VV	6510	76520	5.79%	0.192%
267	10.443	10.433	10.488	VV	4665	81505	6.17%	0.204%
268	10.527	10.488	10.536	VV	2208	40009	3.03%	0.100%
269	10.554	10.536	10.571	VV	4562	62492	4.73%	0.157%
270	10.593	10.571	10.613	VV	32585	373138	28.24%	0.936%
271	10.619	10.613	10.632	VV	6239	59148	4.48%	0.148%
272	10.654	10.632	10.689	VV	76475	953095	72.13%	2.390%
273	10.717	10.689	10.733	VV	115541	1321378	100.00%	3.313%
274	10.744	10.733	10.757	VV	51094	543876	41.16%	1.364%
275	10.772	10.757	10.776	VV	52957	472175	35.73%	1.184%
276	10.784	10.776	10.828	VV	57888	694943	52.59%	1.742%
277	10.852	10.828	10.859	VV	30197	329468	24.93%	0.826%
278	10.875	10.859	10.893	VV	40045	586320	44.37%	1.470%
279	10.911	10.893	10.951	VV	62562	1064394	80.55%	2.669%
280	10.975	10.951	10.998	VV	92293	1051699	79.59%	2.637%
281	11.032	10.998	11.082	VV	53703	1079249	81.68%	2.706%
282	11.097	11.082	11.119	VV	6992	103873	7.86%	0.260%
283	11.134	11.119	11.156	VV	3915	63881	4.83%	0.160%
284	11.178	11.156	11.209	VV	11435	189956	14.38%	0.476%
285	11.224	11.209	11.243	VV	5344	71059	5.38%	0.178%
286	11.268	11.243	11.277	VV	4447	62506	4.73%	0.157%

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287	11.292	11.277	11.308	VV	7984	100079	7.57%	0.251%
288	11.319	11.308	11.336	VV	4036	49190	3.72%	0.123%
289	11.359	11.336	11.378	VV	6630	113505	8.59%	0.285%
290	11.389	11.378	11.413	VV	4596	68558	5.19%	0.172%
291	11.427	11.413	11.438	VV	2150	29688	2.25%	0.074%
292	11.456	11.438	11.466	VV	2422	37357	2.83%	0.094%
293	11.480	11.466	11.500	VV	2922	44511	3.37%	0.112%
294	11.521	11.500	11.537	VV	2971	48887	3.70%	0.123%
295	11.558	11.537	11.577	VV	2266	49430	3.74%	0.124%
296	11.598	11.577	11.619	VV	2646	49015	3.71%	0.123%
297	11.635	11.619	11.650	VV	2136	31813	2.41%	0.080%
298	11.674	11.650	11.695	VV	2121	47356	3.58%	0.119%
299	11.708	11.695	11.731	VV	1443	24959	1.89%	0.063%
300	11.761	11.731	11.770	VV	1400	26971	2.04%	0.068%
301	11.790	11.770	11.844	VV	2026	62556	4.73%	0.157%
302	11.864	11.844	11.878	VV	2652	37713	2.85%	0.095%
303	11.895	11.878	11.939	VV	3356	72395	5.48%	0.182%
304	11.975	11.939	11.992	VV	3797	73910	5.59%	0.185%
305	12.008	11.992	12.025	VV	2903	43541	3.30%	0.109%
306	12.041	12.025	12.093	VV	2976	67116	5.08%	0.168%
307	12.094	12.093	12.103	VV	820	4490	0.34%	0.011%
308	12.122	12.103	12.136	VV	1339	20341	1.54%	0.051%
309	12.173	12.136	12.178	VV	1502	30356	2.30%	0.076%
310	12.187	12.178	12.205	VV	1626	22115	1.67%	0.055%
311	12.236	12.205	12.258	VV	1842	45426	3.44%	0.114%
312	12.290	12.258	12.323	VV	5672	136971	10.37%	0.343%
313	12.349	12.323	12.376	VV	3254	79630	6.03%	0.200%
314	12.389	12.376	12.413	VV	1537	31393	2.38%	0.079%
315	12.443	12.413	12.526	VV	52412	732282	55.42%	1.836%
316	12.537	12.526	12.558	VV	1623	27741	2.10%	0.070%
317	12.579	12.558	12.593	VV	1485	29232	2.21%	0.073%
318	12.599	12.593	12.633	VV	1513	27553	2.09%	0.069%
319	12.655	12.633	12.659	VV	1706	18740	1.42%	0.047%
320	12.673	12.659	12.699	VV	1933	34826	2.64%	0.087%
321	12.721	12.699	12.741	VV	2314	42100	3.19%	0.106%
322	12.764	12.741	12.786	VV	3223	57976	4.39%	0.145%
323	12.801	12.786	12.811	VV	1731	23403	1.77%	0.059%
324	12.828	12.811	12.850	VV	2628	42663	3.23%	0.107%
325	12.879	12.850	12.961	VV	39282	561253	42.47%	1.407%
326	12.976	12.961	12.995	VV	875	12584	0.95%	0.032%
327	13.016	12.995	13.033	VV	1458	21079	1.60%	0.053%
328	13.042	13.033	13.051	VV	1097	10729	0.81%	0.027%
329	13.068	13.051	13.092	VV	1780	33516	2.54%	0.084%
330	13.101	13.092	13.113	VV	1345	14752	1.12%	0.037%

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331	13.120	13.113	13.148	VV	1237	18505	1.40%	0.046%
332	13.176	13.148	13.214	VV	36884	470953	35.64%	1.181%
333	13.235	13.214	13.254	VV	4664	68447	5.18%	0.172%
334	13.271	13.254	13.302	VV	3710	58246	4.41%	0.146%
335	13.317	13.302	13.327	VV	561	6791	0.51%	0.017%
336	13.354	13.327	13.373	VV	1463	24722	1.87%	0.062%
337	13.390	13.373	13.423	VV	1033	19043	1.44%	0.048%
338	13.466	13.423	13.546	VV	4676	155511	11.77%	0.390%
339	13.551	13.546	13.558	VV	668	4080	0.31%	0.010%
340	13.577	13.558	13.618	VV	1352	30634	2.32%	0.077%
341	13.644	13.618	13.662	VV	2573	41592	3.15%	0.104%
342	13.676	13.662	13.712	VV	2353	35798	2.71%	0.090%
343	13.714	13.712	13.724	VV	315	1718	0.13%	0.004%
344	13.773	13.724	13.824	VV	5320	107788	8.16%	0.270%
345	13.839	13.824	13.856	VV	772	10450	0.79%	0.026%
346	13.882	13.856	13.901	VV	3820	56630	4.29%	0.142%
347	13.919	13.901	13.940	VV	3207	51740	3.92%	0.130%
348	13.956	13.940	13.971	VV	1718	27971	2.12%	0.070%
349	13.983	13.971	13.998	VV	1796	24015	1.82%	0.060%
350	14.037	13.998	14.074	VV	3941	125606	9.51%	0.315%
351	14.090	14.074	14.112	VV	2925	54647	4.14%	0.137%
352	14.134	14.112	14.160	VV	3120	73958	5.60%	0.185%
353	14.176	14.160	14.204	VV	2620	57021	4.32%	0.143%
354	14.224	14.204	14.231	VV	1828	27930	2.11%	0.070%
355	14.247	14.231	14.270	VV	2353	44419	3.36%	0.111%
356	14.298	14.270	14.302	VV	1877	32937	2.49%	0.083%
357	14.308	14.302	14.330	VV	1946	28412	2.15%	0.071%
358	14.348	14.330	14.360	VV	1841	29152	2.21%	0.073%
359	14.365	14.360	14.375	VV	1840	15213	1.15%	0.038%
360	14.426	14.375	14.454	VV	3488	114860	8.69%	0.288%
361	14.473	14.454	14.497	VV	2620	56814	4.30%	0.142%
362	14.524	14.497	14.565	VV	3326	83865	6.35%	0.210%
363	14.596	14.565	14.639	VV	4589	97358	7.37%	0.244%
364	14.658	14.639	14.667	VV	1255	19242	1.46%	0.048%
365	14.691	14.667	14.727	VV	4281	79820	6.04%	0.200%
366	14.752	14.727	14.784	VV	5946	96928	7.34%	0.243%
367	14.801	14.784	14.806	VV	1905	20365	1.54%	0.051%
368	14.826	14.806	14.861	VV	3297	65290	4.94%	0.164%
369	14.880	14.861	14.899	VV	747	11222	0.85%	0.028%
370	14.934	14.899	14.966	VV	93852	1289276	97.57%	3.233%
371	14.972	14.966	15.002	VV	3406	44087	3.34%	0.111%
372	15.022	15.002	15.039	VV	1992	31100	2.35%	0.078%
373	15.067	15.039	15.086	VV	20574	307215	23.25%	0.770%

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374	15.107	15.086	15.175	VV	22573	457419	34.62%	1.147%
375	15.182	15.175	15.199	VV	930	9724	0.74%	0.024%
376	15.227	15.199	15.246	VV	4912	78625	5.95%	0.197%
377	15.262	15.246	15.303	VV	2464	55508	4.20%	0.139%
378	15.323	15.303	15.353	VV	1350	21429	1.62%	0.054%
379	15.380	15.353	15.398	PV	2235	36452	2.76%	0.091%
380	15.428	15.398	15.469	VV	2525	65716	4.97%	0.165%
381	15.474	15.469	15.485	VV	588	4359	0.33%	0.011%
382	15.520	15.485	15.602	VV	42945	766335	58.00%	1.921%
383	15.608	15.602	15.612	VV	584	2648	0.20%	0.007%
384	15.659	15.612	15.690	VV	7141	136503	10.33%	0.342%
385	15.741	15.690	15.766	VV	5393	137397	10.40%	0.344%
386	15.781	15.766	15.812	VV	2493	41936	3.17%	0.105%
387	15.824	15.812	15.845	VV	1107	16293	1.23%	0.041%
388	15.906	15.845	15.943	VV	3246	97283	7.36%	0.244%
389	15.980	15.943	16.007	VV	1699	39230	2.97%	0.098%
390	16.037	16.007	16.053	VV	1486	27595	2.09%	0.069%
391	16.062	16.053	16.088	VV	1443	19310	1.46%	0.048%
392	16.092	16.088	16.099	VV	347	1436	0.11%	0.004%
393	16.130	16.099	16.135	VV	1116	15067	1.14%	0.038%
394	16.162	16.135	16.202	VV	5945	100699	7.62%	0.252%
395	16.223	16.202	16.234	VV	619	8501	0.64%	0.021%
396	16.239	16.234	16.245	VV	475	2755	0.21%	0.007%
397	16.249	16.245	16.258	VV	469	2998	0.23%	0.008%
398	16.263	16.258	16.266	VV	309	1198	0.09%	0.003%
399	16.277	16.266	16.306	VV	553	5803	0.44%	0.015%
400	16.349	16.306	16.363	PV	1551	28174	2.13%	0.071%
401	16.372	16.363	16.400	VV	1439	22297	1.69%	0.056%
402	16.420	16.400	16.434	VV	1617	24965	1.89%	0.063%
403	16.449	16.434	16.470	VV	2375	38773	2.93%	0.097%
404	16.488	16.470	16.506	VV	1798	33594	2.54%	0.084%
405	16.541	16.506	16.587	VV	8082	169561	12.83%	0.425%
406	16.628	16.587	16.695	VV	29140	734101	55.56%	1.841%
407	16.718	16.695	16.737	VV	2734	46454	3.52%	0.116%
408	16.759	16.737	16.788	VV	5780	96593	7.31%	0.242%
409	16.799	16.788	16.818	VV	1975	25309	1.92%	0.063%
410	16.828	16.818	16.834	VV	872	7360	0.56%	0.018%
411	16.840	16.834	16.855	VV	740	7874	0.60%	0.020%
412	16.884	16.855	16.891	VV	1252	16622	1.26%	0.042%
413	16.949	16.891	16.983	VV	18269	340239	25.75%	0.853%
414	17.008	16.983	17.066	VV	21194	366923	27.77%	0.920%
415	17.113	17.066	17.136	VV	11313	188735	14.28%	0.473%
416	17.152	17.136	17.175	VV	7559	116841	8.84%	0.293%

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417	17.190	17.175	17.214	VV	3195	52540	3.98%	0.132%
418	17.254	17.214	17.262	VV	1743	37095	2.81%	0.093%
419	17.268	17.262	17.273	VV	1754	9744	0.74%	0.024%
420	17.277	17.273	17.287	VV	1510	9948	0.75%	0.025%
421	17.291	17.287	17.297	VV	898	4695	0.36%	0.012%
422	17.308	17.297	17.323	VV	1341	16309	1.23%	0.041%
423	17.375	17.323	17.391	VV	2921	74010	5.60%	0.186%
424	17.399	17.391	17.405	VV	2294	17920	1.36%	0.045%
425	17.410	17.405	17.445	VV	2195	36709	2.78%	0.092%
426	17.449	17.445	17.454	VV	701	2896	0.22%	0.007%
427	17.485	17.454	17.531	VV	6921	170130	12.88%	0.427%
428	17.565	17.531	17.613	VV	8052	159168	12.05%	0.399%
429	17.620	17.613	17.624	VV	1222	7294	0.55%	0.018%
430	17.630	17.624	17.636	VV	1402	8540	0.65%	0.021%
431	17.642	17.636	17.645	VV	1341	6659	0.50%	0.017%
432	17.668	17.645	17.704	VV	2857	62978	4.77%	0.158%
433	17.714	17.704	17.756	VV	1095	21677	1.64%	0.054%
434	17.762	17.756	17.768	VV	658	3485	0.26%	0.009%
435	17.776	17.768	17.782	VV	816	5578	0.42%	0.014%
436	17.787	17.782	17.808	VV	904	8078	0.61%	0.020%
437	17.813	17.808	17.816	VV	310	951	0.07%	0.002%
438	17.824	17.816	17.835	VV	764	5716	0.43%	0.014%
439	17.845	17.835	17.859	VV	617	6421	0.49%	0.016%
440	17.864	17.859	17.871	VV	305	1309	0.10%	0.003%
441	17.894	17.871	17.910	PV	1110	13450	1.02%	0.034%
442	17.958	17.910	17.980	VV	3510	83226	6.30%	0.209%
443	18.005	17.980	18.032	VV	7038	116961	8.85%	0.293%
444	18.038	18.032	18.046	VV	988	6114	0.46%	0.015%
445	18.051	18.046	18.056	VV	716	3959	0.30%	0.010%
446	18.091	18.056	18.120	VV	4918	99863	7.56%	0.250%
447	18.135	18.120	18.149	VV	2930	45744	3.46%	0.115%
448	18.170	18.149	18.205	VV	3811	93275	7.06%	0.234%
449	18.218	18.205	18.259	VV	2898	62025	4.69%	0.156%
450	18.292	18.259	18.334	VV	4852	140139	10.61%	0.351%
451	18.371	18.334	18.411	VV	27131	688128	52.08%	1.725%
452	18.428	18.411	18.457	VV	11631	198700	15.04%	0.498%
453	18.474	18.457	18.491	VV	2840	46843	3.55%	0.117%
454	18.520	18.491	18.537	VV	6100	113738	8.61%	0.285%
455	18.548	18.537	18.566	VV	4355	66788	5.05%	0.167%
456	18.580	18.566	18.608	VV	4602	79972	6.05%	0.201%
457	18.638	18.608	18.682	VV	14430	259365	19.63%	0.650%
458	18.721	18.682	18.738	VV	1879	45079	3.41%	0.113%
459	18.776	18.738	18.803	VV	4864	102528	7.76%	0.257%
460	18.832	18.803	18.860	VV	7769	139616	10.57%	0.350%

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461	18.875	18.860	18.899	VV	1176	19371	1.47%	0.049%
462	18.938	18.899	18.957	VV	4842	83678	6.33%	0.210%
463	18.964	18.957	18.968	VV	2046	12859	0.97%	0.032%
464	18.974	18.968	18.978	VV	2268	11464	0.87%	0.029%
465	18.982	18.978	19.006	VV	2052	23445	1.77%	0.059%
466	19.026	19.006	19.056	VV	1302	25451	1.93%	0.064%
467	19.076	19.056	19.089	PV	1938	25132	1.90%	0.063%
468	19.096	19.089	19.105	VV	1917	17015	1.29%	0.043%
469	19.110	19.105	19.118	VV	1670	11404	0.86%	0.029%
470	19.144	19.118	19.162	VV	5103	91131	6.90%	0.228%
471	19.194	19.162	19.221	VV	18926	394310	29.84%	0.989%
472	19.237	19.221	19.281	VV	9131	196901	14.90%	0.494%
473	19.323	19.281	19.336	VV	3691	94819	7.18%	0.238%
474	19.342	19.336	19.346	VV	3325	20272	1.53%	0.051%
475	19.350	19.346	19.383	VV	3479	48243	3.65%	0.121%
476	19.403	19.383	19.413	VV	1389	19437	1.47%	0.049%
477	19.433	19.413	19.451	VV	3577	51880	3.93%	0.130%
478	19.465	19.451	19.483	VV	2748	43391	3.28%	0.109%
479	19.490	19.483	19.501	VV	2101	19674	1.49%	0.049%
480	19.516	19.501	19.550	VV	2639	55109	4.17%	0.138%
481	19.575	19.550	19.581	VV	2256	31811	2.41%	0.080%
482	19.588	19.581	19.593	VV	2648	17526	1.33%	0.044%
483	19.625	19.593	19.630	VV	4369	70502	5.34%	0.177%
484	19.634	19.630	19.646	VV	4330	39707	3.00%	0.100%
485	19.667	19.646	19.685	VV	5376	107551	8.14%	0.270%
486	19.688	19.685	19.704	VV	6605	59760	4.52%	0.150%
487	19.730	19.704	19.754	VV	7026	168085	12.72%	0.421%
488	19.804	19.754	19.840	VV	10324	339845	25.72%	0.852%
489	19.871	19.840	19.913	VV	13219	361871	27.39%	0.907%
490	19.921	19.913	19.927	VV	5796	47743	3.61%	0.120%
491	19.971	19.927	20.016	VV	10736	421976	31.93%	1.058%
492	20.021	20.016	20.041	VV	6664	92043	6.97%	0.231%
493	20.054	20.041	20.064	VV	5355	67999	5.15%	0.170%
494	20.081	20.064	20.108	VV	5622	137637	10.42%	0.345%
495	20.126	20.108	20.140	VV	5663	103044	7.80%	0.258%
496	20.187	20.140	20.220	VV	15154	494640	37.43%	1.240%
497	20.240	20.220	20.273	VV	11606	335083	25.36%	0.840%
498	20.287	20.273	20.294	VV	9817	118760	8.99%	0.298%
499	20.325	20.294	20.343	VV	9905	274207	20.75%	0.688%
500	20.357	20.343	20.361	VV	9495	98352	7.44%	0.247%
501	20.368	20.361	20.391	VV	9360	159276	12.05%	0.399%
502	20.397	20.391	20.401	VV	8383	49323	3.73%	0.124%
503	20.410	20.401	20.428	VV	9006	137196	10.38%	0.344%

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504	20.487	20.428	20.493	VV	10056	360819	27.31%	0.905%
505	20.520	20.493	20.550	VV	18477	457602	34.63%	1.147%
506	20.568	20.550	20.573	VV	10484	137385	10.40%	0.344%
507	20.578	20.573	20.584	VV	10527	71595	5.42%	0.180%
508	20.591	20.584	20.598	VV	10753	88167	6.67%	0.221%
509	20.616	20.598	20.623	VV	10917	158488	11.99%	0.397%
510	20.639	20.623	20.647	VV	11823	167781	12.70%	0.421%
511	20.666	20.647	20.677	VV	12865	212076	16.05%	0.532%
512	20.689	20.677	20.700	VV	12778	173788	13.15%	0.436%
513	20.720	20.700	20.737	VV	13589	291694	22.08%	0.731%
514	20.749	20.737	20.763	VV	13446	200018	15.14%	0.501%
515	20.786	20.763	20.796	VV	13455	262530	19.87%	0.658%
516	20.799	20.796	20.805	VV	12605	67703	5.12%	0.170%
517	20.815	20.805	20.822	VV	12556	125857	9.52%	0.316%
518	20.840	20.822	20.846	VV	12672	180900	13.69%	0.454%
519	20.855	20.846	20.878	VV	12711	233461	17.67%	0.585%
520	20.883	20.878	20.903	VV	12163	177978	13.47%	0.446%
521	20.907	20.903	20.914	VV	11398	70316	5.32%	0.176%
522	20.919	20.914	20.926	VV	11242	83852	6.35%	0.210%
523	20.935	20.926	20.943	VV	11039	105811	8.01%	0.265%
524	20.962	20.943	20.971	VV	10904	184643	13.97%	0.463%
525	20.983	20.971	21.005	VV	10885	211469	16.00%	0.530%
526	21.011	21.005	21.059	VV	10254	310475	23.50%	0.778%
527	21.097	21.059	21.121	VV	9544	332560	25.17%	0.834%
528	21.134	21.121	21.150	VV	8257	135594	10.26%	0.340%
529	21.172	21.150	21.181	VV	8034	148235	11.22%	0.372%
530	21.198	21.181	21.203	VV	8600	105069	7.95%	0.263%
531	21.226	21.203	21.232	VV	8585	145530	11.01%	0.365%
532	21.239	21.232	21.249	VV	8368	85382	6.46%	0.214%
533	21.264	21.249	21.270	VV	7822	96357	7.29%	0.242%
534	21.296	21.270	21.306	VV	8280	171068	12.95%	0.429%
535	21.311	21.306	21.348	VV	8042	180260	13.64%	0.452%
536	21.388	21.348	21.394	VV	8431	210464	15.93%	0.528%
537	21.399	21.394	21.436	VV	8171	182755	13.83%	0.458%
538	21.461	21.436	21.480	VV	7143	179513	13.59%	0.450%
539	21.502	21.480	21.510	VV	7228	121473	9.19%	0.305%
540	21.515	21.510	21.530	VV	7147	83887	6.35%	0.210%
541	21.535	21.530	21.550	VV	6273	71738	5.43%	0.180%
542	21.591	21.550	21.607	VV	7027	214330	16.22%	0.537%
543	21.611	21.607	21.619	VV	6953	51932	3.93%	0.130%
544	21.626	21.619	21.640	VV	6495	78300	5.93%	0.196%
545	21.646	21.640	21.655	VV	6206	51723	3.91%	0.130%
546	21.659	21.655	21.703	VV	5931	152156	11.51%	0.381%

				rteres				
547	21.708	21.703	21.718	VV	4698	40333	3.05%	0.101%
548	21.723	21.718	21.735	VV	4333	41478	3.14%	0.104%
549	21.740	21.735	21.751	VV	4230	37889	2.87%	0.095%
550	21.756	21.751	21.783	VV	3948	65929	4.99%	0.165%
551	21.813	21.783	21.818	VV	3639	68777	5.20%	0.172%
552	21.823	21.818	21.836	VV	3167	30833	2.33%	0.077%
553	21.852	21.836	21.877	VV	2916	64063	4.85%	0.161%
554	21.894	21.877	21.901	VV	2798	37391	2.83%	0.094%
555	21.906	21.901	21.927	VV	2736	39042	2.95%	0.098%
556	21.938	21.927	21.943	VV	2658	23721	1.80%	0.059%
557	21.994	21.943	22.058	VV	4245	196277	14.85%	0.492%
558	22.067	22.058	22.083	VV	945	10245	0.78%	0.026%
559	22.088	22.083	22.099	VV	643	5068	0.38%	0.013%
560	22.103	22.099	22.109	VV	593	2216	0.17%	0.006%
561	22.138	22.109	22.141	VV	718	8560	0.65%	0.021%
562	22.155	22.141	22.161	VV	793	7782	0.59%	0.020%
563	22.168	22.161	22.176	VV	667	3815	0.29%	0.010%
564	22.180	22.176	22.201	VBA	488	25263	1.91%	0.063%
				Sum of corrected areas:		39884536		

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