

Instrument :
FID_F
ClientSampleId :
MW-00-20190320MS

rteres

Area Percent Report

Manual Integrations
APPROVED

Sohil
3/22/2019 10:54:28 AM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032119\
Data File : FF003937.D
Signal(s) : FID2B.ch
Acq On : 21 Mar 2019 17:56
Sample : K2037-02MS
Misc :
ALS Vial : 59 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF030119.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.225	2.192	2.284	BV	266512	1994698	41.28%	1.974%
2	2.296	2.284	2.326	VV	1156	15008	0.31%	0.015%
3	2.332	2.326	2.339	VV	302	2102	0.04%	0.002%
4	2.351	2.339	2.365	VV	978	8860	0.18%	0.009%
5	2.376	2.365	2.384	VV	464	3988	0.08%	0.004%
6	2.393	2.384	2.424	VV	1207	14877	0.31%	0.015%
7	2.427	2.424	2.432	VV	267	1260	0.03%	0.001%
8	2.454	2.432	2.478	VV	1367	19479	0.40%	0.019%
9	2.495	2.478	2.517	VV	3208	31314	0.65%	0.031%
10	2.529	2.517	2.540	VV	843	5972	0.12%	0.006%
11	2.549	2.540	2.557	VV	508	3223	0.07%	0.003%
12	2.572	2.557	2.589	VV	1905	16718	0.35%	0.017%
13	2.613	2.589	2.647	VV	1839	26595	0.55%	0.026%
14	2.668	2.647	2.674	VV	2239	17589	0.36%	0.017%
15	2.683	2.674	2.687	VV	2434	15945	0.33%	0.016%
16	2.698	2.687	2.721	VV	5141	47436	0.98%	0.047%
17	2.736	2.721	2.751	VV	655	6761	0.14%	0.007%
18	2.777	2.751	2.803	VV	1449	22094	0.46%	0.022%
19	2.828	2.803	2.834	VV	1282	13483	0.28%	0.013%
20	2.839	2.834	2.857	VV	1245	10403	0.22%	0.010%
21	2.861	2.857	2.866	VV	267	1164	0.02%	0.001%
22	2.898	2.866	2.914	VV	2043	25611	0.53%	0.025%
23	2.926	2.914	2.936	VV	1971	18135	0.38%	0.018%
24	2.944	2.936	2.957	VV	1523	16497	0.34%	0.016%
25	2.989	2.957	3.034	VV	2665	63026	1.30%	0.062%
26	3.052	3.034	3.056	VV	2253	18974	0.39%	0.019%
27	3.061	3.056	3.074	VV	2307	19544	0.40%	0.019%
28	3.083	3.074	3.104	VV	1697	20717	0.43%	0.021%
29	3.115	3.104	3.126	VV	765	7720	0.16%	0.008%
30	3.132	3.126	3.165	VV	467	6391	0.13%	0.006%
31	3.186	3.165	3.197	VV	920	10248	0.21%	0.010%
32	3.211	3.197	3.220	VV	1883	19328	0.40%	0.019%
33	3.231	3.220	3.243	VV	2334	24891	0.52%	0.025%
34	3.258	3.243	3.272	VV	5774	59351	1.23%	0.059%
35	3.279	3.272	3.320	VV	2168	25653	0.53%	0.025%
36	3.339	3.320	3.347	PV	584	5103	0.11%	0.005%

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37	3.363	3.347	3.375	VV	2013	20347	0.42%	0.020%
38	3.388	3.375	3.407	VV	3119	31243	0.65%	0.031%
39	3.424	3.407	3.441	VV	1861	24967	0.52%	0.025%
40	3.448	3.441	3.466	VV	958	10634	0.22%	0.011%
41	3.479	3.466	3.491	VV	1830	18341	0.38%	0.018%
42	3.511	3.491	3.537	VV	4165	50186	1.04%	0.050%
43	3.557	3.537	3.568	VV	1024	14352	0.30%	0.014%
44	3.583	3.568	3.607	VV	2306	36822	0.76%	0.036%
45	3.641	3.607	3.662	VV	2831	55743	1.15%	0.055%
46	3.686	3.662	3.693	VV	2078	24044	0.50%	0.024%
47	3.704	3.693	3.718	VV	2836	30068	0.62%	0.030%
48	3.734	3.718	3.769	VV	2643	52860	1.09%	0.052%
49	3.778	3.769	3.801	VV	1563	21361	0.44%	0.021%
50	3.826	3.801	3.849	VV	2641	46355	0.96%	0.046%
51	3.857	3.849	3.870	VV	1834	18988	0.39%	0.019%
52	3.896	3.870	3.915	VV	4441	60239	1.25%	0.060%
53	3.935	3.915	3.944	VV	3600	44827	0.93%	0.044%
54	3.949	3.944	3.958	VV	3388	26995	0.56%	0.027%
55	3.968	3.958	3.992	VV	3803	65588	1.36%	0.065%
56	4.001	3.992	4.029	VV	3568	53678	1.11%	0.053%
57	4.048	4.029	4.090	VV	4282	85983	1.78%	0.085%
58	4.106	4.090	4.122	VV	2083	30691	0.64%	0.030%
59	4.146	4.122	4.194	VV	3594	80014	1.66%	0.079%
60	4.222	4.194	4.239	VV	2738	45255	0.94%	0.045%
61	4.263	4.239	4.280	VV	3285	57396	1.19%	0.057%
62	4.312	4.280	4.368	VV	277545	2668521	55.22%	2.641%
63	4.385	4.368	4.401	VV	2265	40268	0.83%	0.040%
64	4.411	4.401	4.445	VV	2205	42114	0.87%	0.042%
65	4.463	4.445	4.474	VV	1938	27859	0.58%	0.028%
66	4.483	4.474	4.490	VV	2018	18089	0.37%	0.018%
67	4.506	4.490	4.516	VV	2185	30315	0.63%	0.030%
68	4.531	4.516	4.560	VV	3544	60083	1.24%	0.059%
69	4.598	4.560	4.616	VV	1822	46275	0.96%	0.046%
70	4.629	4.616	4.671	VV	1791	39123	0.81%	0.039%
71	4.683	4.671	4.698	VV	845	11655	0.24%	0.012%
72	4.739	4.698	4.758	VV	1256	31807	0.66%	0.031%
73	4.773	4.758	4.778	VV	1048	10787	0.22%	0.011%
74	4.781	4.778	4.787	VV	1080	5796	0.12%	0.006%
75	4.803	4.787	4.826	VV	2414	32094	0.66%	0.032%
76	4.833	4.826	4.842	VV	746	6910	0.14%	0.007%
77	4.850	4.842	4.881	VV	759	13276	0.27%	0.013%
78	4.895	4.881	4.919	VV	920	17049	0.35%	0.017%
79	4.928	4.919	4.942	VV	815	10004	0.21%	0.010%
80	4.955	4.942	4.983	VV	1477	22060	0.46%	0.022%
81	5.001	4.983	5.014	VV	1100	15577	0.32%	0.015%
82	5.027	5.014	5.039	VV	1292	15081	0.31%	0.015%
83	5.050	5.039	5.092	VV	1136	24026	0.50%	0.024%
84	5.116	5.092	5.121	VV	552	8389	0.17%	0.008%
85	5.151	5.121	5.171	VV	1172	25752	0.53%	0.025%
86	5.179	5.171	5.192	VV	697	8205	0.17%	0.008%
87	5.207	5.192	5.219	VV	1109	14240	0.29%	0.014%
88	5.234	5.219	5.256	VV	2674	33499	0.69%	0.033%
89	5.261	5.256	5.276	VV	973	9670	0.20%	0.010%

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					rt	Area	Area%	Height
90	5.301	5.276	5.315	VV	674	13498	0.28%	0.013%
91	5.330	5.315	5.337	VV	1417	13827	0.29%	0.014%
92	5.352	5.337	5.394	VV	2257	41095	0.85%	0.041%
93	5.407	5.394	5.452	VV	1003	22716	0.47%	0.022%
94	5.469	5.452	5.483	VV	556	7259	0.15%	0.007%
95	5.487	5.483	5.492	VV	469	2359	0.05%	0.002%
96	5.525	5.492	5.569	VV	1086	28535	0.59%	0.028%
97	5.587	5.569	5.596	VV	393	5238	0.11%	0.005%
98	5.606	5.596	5.619	VV	346	4029	0.08%	0.004%
99	5.632	5.619	5.659	VV	353	5727	0.12%	0.006%
100	5.664	5.659	5.668	VV	234	979	0.02%	0.001%
101	5.680	5.668	5.685	VV	215	1674	0.03%	0.002%
102	5.745	5.685	5.772	VV	664	18702	0.39%	0.019%
103	5.777	5.772	5.789	VV	222	1454	0.03%	0.001%
104	5.820	5.789	5.829	VV	489	4937	0.10%	0.005%
105	5.834	5.829	5.838	VV	349	1424	0.03%	0.001%
106	5.859	5.838	5.879	VV	1647	19486	0.40%	0.019%
107	5.910	5.879	5.914	VV	458	7485	0.15%	0.007%
108	5.940	5.914	5.974	VV	813	18960	0.39%	0.019%
109	5.994	5.974	6.012	VV	1007	14435	0.30%	0.014%
110	6.040	6.012	6.134	VV	1007	33859	0.70%	0.034%
111	6.138	6.134	6.152	VV	375	2823	0.06%	0.003%
112	6.160	6.152	6.186	VV	229	3607	0.07%	0.004%
113	6.198	6.186	6.209	VV	262	2416	0.05%	0.002%
114	6.221	6.209	6.225	VV	399	2967	0.06%	0.003%
115	6.237	6.225	6.252	VV	555	7388	0.15%	0.007%
116	6.255	6.252	6.268	VV	404	3090	0.06%	0.003%
117	6.284	6.268	6.297	VV	527	6991	0.14%	0.007%
118	6.332	6.297	6.394	VV	261623	2658208	55.01%	2.631%
119	6.406	6.394	6.462	VV	1297	32621	0.68%	0.032%
120	6.484	6.462	6.512	VV	1387	22513	0.47%	0.022%
121	6.522	6.512	6.554	VV	444	8804	0.18%	0.009%
122	6.568	6.554	6.575	VV	437	4607	0.10%	0.005%
123	6.606	6.575	6.631	VV	505	11091	0.23%	0.011%
124	6.646	6.631	6.664	VV	429	5704	0.12%	0.006%
125	6.670	6.664	6.688	VV	250	2373	0.05%	0.002%
126	6.692	6.688	6.716	VV	157	1743	0.04%	0.002%
127	6.727	6.716	6.734	VV	115	1015	0.02%	0.001%
128	6.743	6.734	6.762	VV	145	1926	0.04%	0.002%
129	6.775	6.762	6.799	VV	188	2777	0.06%	0.003%
130	6.851	6.799	6.900	VV	537	19365	0.40%	0.019%
131	6.910	6.900	6.925	VV	479	5531	0.11%	0.005%
132	6.933	6.925	6.987	VV	405	10676	0.22%	0.011%
133	7.032	6.987	7.055	VV	469	14045	0.29%	0.014%
134	7.067	7.055	7.084	VV	373	4838	0.10%	0.005%
135	7.089	7.084	7.113	VV	380	4480	0.09%	0.004%
136	7.141	7.113	7.164	VV	415	8924	0.18%	0.009%
137	7.178	7.164	7.204	VV	365	6589	0.14%	0.007%
138	7.209	7.204	7.232	VV	283	3813	0.08%	0.004%
139	7.255	7.232	7.303	VV	1148	20768	0.43%	0.021%
140	7.309	7.303	7.314	VV	354	1793	0.04%	0.002%
141	7.322	7.314	7.338	VV	375	4399	0.09%	0.004%

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142	7.343	7.338	7.355	VV	331	2797	0.06%	0.003%	
143	7.358	7.355	7.384	VV	275	3244	0.07%	0.003%	
144	7.394	7.384	7.406	VV	193	1855	0.04%	0.002%	
145	7.419	7.406	7.424	VV	227	1706	0.04%	0.002%	
146	7.429	7.424	7.436	VV	212	1160	0.02%	0.001%	
147	7.441	7.436	7.457	VV	180	1569	0.03%	0.002%	
148	7.470	7.457	7.495	VV	279	3825	0.08%	0.004%	
149	7.544	7.495	7.565	PV	926	20759	0.43%	0.021%	
150	7.576	7.565	7.606	VV	498	7847	0.16%	0.008%	
151	7.667	7.606	7.697	VV	978	23707	0.49%	0.023%	
152	7.701	7.697	7.757	VV	431	8361	0.17%	0.008%	
153	7.761	7.757	7.769	VV	137	748	0.02%	0.001%	
154	7.793	7.769	7.798	VV	335	3284	0.07%	0.003%	
155	7.801	7.798	7.809	VV	265	1417	0.03%	0.001%	
156	7.820	7.809	7.848	VV	360	4971	0.10%	0.005%	
157	7.856	7.848	7.871	VV	278	2448	0.05%	0.002%	
158	7.877	7.871	7.915	VV	254	4043	0.08%	0.004%	
159	7.951	7.915	7.979	PV	341	8266	0.17%	0.008%	
160	7.988	7.979	7.997	VV	258	2581	0.05%	0.003%	
161	8.000	7.997	8.003	VV	316	880	0.02%	0.001%	
162	8.031	8.003	8.063	VV	454	9856	0.20%	0.010%	
163	8.068	8.063	8.071	VV	226	1019	0.02%	0.001%	
164	8.125	8.071	8.238	VV	239756	2672892	55.31%	2.646%	
165	8.264	8.238	8.328	VV	1852	56381	1.17%	0.056%	
166	8.339	8.328	8.354	VV	494	6663	0.14%	0.007%	
167	8.359	8.354	8.376	VV	399	5157	0.11%	0.005%	
168	8.381	8.376	8.416	VV	346	7081	0.15%	0.007%	
169	8.428	8.416	8.467	VV	278	6422	0.13%	0.006%	
170	8.503	8.467	8.522	VV	378	7799	0.16%	0.008%	
171	8.546	8.522	8.560	VV	535	9516	0.20%	0.009%	
172	8.573	8.560	8.592	VV	686	10226	0.21%	0.010%	
173	8.619	8.592	8.632	VV	659	13262	0.27%	0.013%	
174	8.640	8.632	8.650	VV	668	6291	0.13%	0.006%	
175	8.657	8.650	8.676	VV	524	5997	0.12%	0.006%	
176	8.682	8.676	8.706	VV	336	4371	0.09%	0.004%	
177	8.711	8.706	8.716	VV	251	1411	0.03%	0.001%	
178	8.730	8.716	8.757	VV	365	6203	0.13%	0.006%	
179	8.779	8.757	8.800	VV	993	13441	0.28%	0.013%	
180	8.807	8.800	8.824	VV	235	2095	0.04%	0.002%	
181	8.863	8.824	8.896	VV	793	17288	0.36%	0.017%	
182	8.903	8.896	8.911	VV	243	1692	0.04%	0.002%	
183	8.946	8.911	8.971	VV	1285	21946	0.45%	0.022%	
184	8.991	8.971	9.022	VV	675	12931	0.27%	0.013%	
185	9.028	9.022	9.048	VV	320	3057	0.06%	0.003%	
186	9.053	9.048	9.061	VV	95	351	0.01%	0.000%	
187	9.068	9.061	9.074	PV	135	719	0.01%	0.001%	
188	9.079	9.074	9.084	VV	129	563	0.01%	0.001%	
189	9.134	9.084	9.161	VV	717	14456	0.30%	0.014%	
190	9.163	9.161	9.178	VV	228	1791	0.04%	0.002%	
191	9.181	9.178	9.194	VV	155	1020	0.02%	0.001%	
192	9.199	9.194	9.210	VV	120	516	0.01%	0.001%	
193	9.248	9.210	9.272	VV	240	4300	0.09%	0.004%	
194	9.329	9.272	9.352	PV	861	15821	0.33%	0.016%	

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195	9.367	9.352	9.373	VV	427	4022	0.08%	0.004%
196	9.407	9.373	9.430	VV	628	15176	0.31%	0.015%
197	9.446	9.430	9.462	VV	515	7794	0.16%	0.008%
198	9.474	9.462	9.485	VV	377	4017	0.08%	0.004%
199	9.502	9.485	9.540	VV	498	8007	0.17%	0.008%
200	9.550	9.540	9.572	VV	289	2932	0.06%	0.003%
201	9.589	9.572	9.622	VV	447	5974	0.12%	0.006%
202	9.645	9.622	9.654	PV	305	3642	0.08%	0.004%
203	9.675	9.654	9.694	VV	1156	13919	0.29%	0.014%
204	9.725	9.694	9.860	VV	221128	2614042	54.10%	2.587%
205	9.878	9.860	9.925	VV	550	15555	0.32%	0.015%
206	9.938	9.925	9.954	VV	416	5045	0.10%	0.005%
207	9.958	9.954	9.993	VV	204	2635	0.05%	0.003%
208	10.008	9.993	10.012	VV	136	1177	0.02%	0.001%
209	10.017	10.012	10.027	VV	155	723	0.01%	0.001%
210	10.032	10.027	10.035	VV	87	286	0.01%	0.000%
211	10.053	10.035	10.078	VV	289	4461	0.09%	0.004%
212	10.099	10.078	10.131	VV	547	9733	0.20%	0.010%
213	10.142	10.131	10.152	PV	293	1659	0.03%	0.002%
214	10.197	10.152	10.208	VV	1004	16148	0.33%	0.016%
215	10.226	10.208	10.270	VV	4229	51000	1.06%	0.050%
216	10.290	10.270	10.341	VV	756	13309	0.28%	0.013%
217	10.388	10.341	10.404	VV	935	17178	0.36%	0.017%
218	10.444	10.404	10.508	VV	3814	69178	1.43%	0.068%
219	10.531	10.508	10.551	VV	3515	41204	0.85%	0.041%
220	10.567	10.551	10.576	VV	398	5297	0.11%	0.005%
221	10.582	10.576	10.597	VV	368	3341	0.07%	0.003%
222	10.622	10.597	10.655	VV	381	7178	0.15%	0.007%
223	10.683	10.655	10.711	PV	339	5640	0.12%	0.006%
224	10.719	10.711	10.727	VV	182	1483	0.03%	0.001%
225	10.733	10.727	10.757	VV	292	3224	0.07%	0.003%
226	10.794	10.757	10.824	VV	1450	23197	0.48%	0.023%
227	10.835	10.824	10.852	VV	459	6353	0.13%	0.006%
228	10.868	10.852	10.906	VV	545	12585	0.26%	0.012%
229	10.910	10.906	10.918	VV	285	1885	0.04%	0.002%
230	10.924	10.918	10.931	VV	309	1881	0.04%	0.002%
231	10.942	10.931	10.956	VV	274	2770	0.06%	0.003%
232	10.973	10.956	11.007	PV	507	7572	0.16%	0.007%
233	11.022	11.007	11.040	VV	324	4174	0.09%	0.004%
234	11.061	11.040	11.073	VV	293	3920	0.08%	0.004%
235	11.091	11.073	11.102	VV	725	8725	0.18%	0.009%
236	11.117	11.102	11.128	VV	1193	14286	0.30%	0.014%
237	11.168	11.128	11.213	VV	215806	2564844	53.08%	2.539%
238	11.236	11.213	11.252	VV	874	17931	0.37%	0.018%
239	11.257	11.252	11.283	VV	543	5918	0.12%	0.006%
240	11.316	11.283	11.344	VV	1315	18337	0.38%	0.018%
241	11.373	11.344	11.397	VV	936	15262	0.32%	0.015%
242	11.406	11.397	11.422	VV	435	5149	0.11%	0.005%
243	11.472	11.422	11.501	VV	976	22311	0.46%	0.022%
244	11.505	11.501	11.509	PV	88	227	0.00%	0.000%
245	11.533	11.509	11.549	VV	512	8168	0.17%	0.008%
246	11.569	11.549	11.584	VV	776	12036	0.25%	0.012%

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247	11.603	11.584	11.628	VV	1686	27778	0.57%	0.027%
248	11.633	11.628	11.686	VV	804	20149	0.42%	0.020%
249	11.691	11.686	11.694	VV	310	1377	0.03%	0.001%
250	11.722	11.694	11.735	VV	948	16588	0.34%	0.016%
251	11.747	11.735	11.757	VV	1005	10583	0.22%	0.010%
252	11.774	11.757	11.803	VV	1234	23606	0.49%	0.023%
253	11.840	11.803	11.880	VV	1579	40822	0.84%	0.040%
254	11.913	11.880	11.929	VV	923	16956	0.35%	0.017%
255	11.933	11.929	11.951	VV	938	10260	0.21%	0.010%
256	11.966	11.951	11.972	VV	860	10498	0.22%	0.010%
257	11.976	11.972	12.002	VV	997	9673	0.20%	0.010%
258	12.030	12.002	12.036	VV	418	4945	0.10%	0.005%
259	12.056	12.036	12.064	VV	1037	11244	0.23%	0.011%
260	12.069	12.064	12.072	VV	820	3749	0.08%	0.004%
261	12.083	12.072	12.103	VV	1045	13529	0.28%	0.013%
262	12.107	12.103	12.127	VV	366	4846	0.10%	0.005%
263	12.144	12.127	12.151	VV	318	3784	0.08%	0.004%
264	12.189	12.151	12.194	VV	718	12252	0.25%	0.012%
265	12.226	12.194	12.247	VV	1573	27391	0.57%	0.027%
266	12.259	12.247	12.282	VV	729	9374	0.19%	0.009%
267	12.303	12.282	12.332	VV	933	16278	0.34%	0.016%
268	12.340	12.332	12.346	VV	352	2283	0.05%	0.002%
269	12.351	12.346	12.360	VV	410	2495	0.05%	0.002%
270	12.369	12.360	12.374	VV	379	2297	0.05%	0.002%
271	12.392	12.374	12.402	VV	658	7554	0.16%	0.007%
272	12.418	12.402	12.441	VV	842	13740	0.28%	0.014%
273	12.479	12.441	12.537	VV	210822	2516737	52.08%	2.491%
274	12.546	12.537	12.552	VV	1088	9244	0.19%	0.009%
275	12.573	12.552	12.599	VV	1800	33136	0.69%	0.033%
276	12.604	12.599	12.608	VV	858	4140	0.09%	0.004%
277	12.613	12.608	12.617	VV	935	4379	0.09%	0.004%
278	12.622	12.617	12.659	VV	986	12508	0.26%	0.012%
279	12.683	12.659	12.694	PV	566	8454	0.17%	0.008%
280	12.714	12.694	12.749	VV	738	14400	0.30%	0.014%
281	12.810	12.749	12.826	VV	981	22325	0.46%	0.022%
282	12.836	12.826	12.841	VV	1021	7871	0.16%	0.008%
283	12.871	12.841	12.887	VV	1768	39974	0.83%	0.040%
284	12.890	12.887	12.909	VV	1474	15813	0.33%	0.016%
285	12.931	12.909	12.951	VV	1324	28166	0.58%	0.028%
286	12.957	12.951	12.959	VV	1131	4784	0.10%	0.005%
287	12.977	12.959	12.991	VV	1133	18304	0.38%	0.018%
288	13.005	12.991	13.016	VV	835	11018	0.23%	0.011%
289	13.032	13.016	13.048	VV	1101	16817	0.35%	0.017%
290	13.055	13.048	13.076	VV	890	10629	0.22%	0.011%
291	13.093	13.076	13.121	VV	1686	31017	0.64%	0.031%
292	13.150	13.121	13.174	VV	1025	26563	0.55%	0.026%
293	13.194	13.174	13.211	VV	942	16245	0.34%	0.016%
294	13.229	13.211	13.237	VV	874	12016	0.25%	0.012%
295	13.254	13.237	13.276	VV	1142	20043	0.41%	0.020%
296	13.298	13.276	13.302	VV	1110	12533	0.26%	0.012%
297	13.321	13.302	13.335	VV	1448	24421	0.51%	0.024%
298	13.353	13.335	13.378	VV	1385	29174	0.60%	0.029%
299	13.399	13.378	13.407	VV	1254	18869	0.39%	0.019%

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300	13.415	13.407	13.424	VV	1076	9856	0.20%	0.010%
301	13.450	13.424	13.456	VV	1613	26424	0.55%	0.026%
302	13.479	13.456	13.507	VV	1690	44499	0.92%	0.044%
303	13.529	13.507	13.549	VV	1643	35928	0.74%	0.036%
304	13.568	13.549	13.576	VV	1513	22178	0.46%	0.022%
305	13.584	13.576	13.601	VV	1593	21545	0.45%	0.021%
306	13.618	13.601	13.627	VV	1755	23569	0.49%	0.023%
307	13.632	13.627	13.644	VV	1436	14027	0.29%	0.014%
308	13.680	13.644	13.737	VV	193050	2456878	50.84%	2.432%
309	13.739	13.737	13.753	VV	2014	16485	0.34%	0.016%
310	13.760	13.753	13.771	VV	1779	18537	0.38%	0.018%
311	13.788	13.771	13.801	VV	2030	33183	0.69%	0.033%
312	13.816	13.801	13.823	VV	2214	26032	0.54%	0.026%
313	13.827	13.823	13.846	VV	2191	29318	0.61%	0.029%
314	13.862	13.846	13.867	VV	2108	24742	0.51%	0.024%
315	13.884	13.867	13.908	VV	2636	56497	1.17%	0.056%
316	13.920	13.908	13.939	VV	2821	44806	0.93%	0.044%
317	13.952	13.939	13.958	VV	2637	29707	0.61%	0.029%
318	13.961	13.958	13.968	VV	2680	15954	0.33%	0.016%
319	13.983	13.968	14.008	VV	2955	63212	1.31%	0.063%
320	14.023	14.008	14.028	VV	2494	27190	0.56%	0.027%
321	14.035	14.028	14.038	VV	2411	14427	0.30%	0.014%
322	14.056	14.038	14.061	VV	2866	35224	0.73%	0.035%
323	14.077	14.061	14.099	VV	2957	60848	1.26%	0.060%
324	14.104	14.099	14.112	VV	2644	18232	0.38%	0.018%
325	14.128	14.112	14.143	VV	2720	47756	0.99%	0.047%
326	14.153	14.143	14.169	VV	2982	42720	0.88%	0.042%
327	14.190	14.169	14.204	VV	3215	61993	1.28%	0.061%
328	14.211	14.204	14.216	VV	2885	20278	0.42%	0.020%
329	14.221	14.216	14.225	VV	2736	15027	0.31%	0.015%
330	14.249	14.225	14.277	VV	3767	99724	2.06%	0.099%
331	14.283	14.277	14.286	VV	3349	17297	0.36%	0.017%
332	14.324	14.286	14.347	VV	4390	145700	3.02%	0.144%
333	14.361	14.347	14.384	VV	4272	88360	1.83%	0.087%
334	14.399	14.384	14.451	VV	4223	153618	3.18%	0.152%
335	14.483	14.451	14.511	VV	4696	150108	3.11%	0.149%
336	14.529	14.511	14.544	VV	4397	81234	1.68%	0.080%
337	14.582	14.544	14.623	VV	148717	2182867	45.17%	2.161%
338	14.629	14.623	14.661	VV	4836	101998	2.11%	0.101%
339	14.669	14.661	14.674	VV	4521	35773	0.74%	0.035%
340	14.690	14.674	14.714	VV	4908	105963	2.19%	0.105%
341	14.723	14.714	14.728	VV	4199	33183	0.69%	0.033%
342	14.733	14.728	14.737	VV	4278	22140	0.46%	0.022%
343	14.786	14.737	14.854	VV	181305	2695759	55.79%	2.668%
344	14.864	14.854	14.878	VV	5248	70267	1.45%	0.070%
345	14.911	14.878	14.962	VV	7406	299951	6.21%	0.297%
346	14.985	14.962	14.994	VV	5495	101524	2.10%	0.100%
347	15.000	14.994	15.010	VV	5593	51304	1.06%	0.051%
348	15.042	15.010	15.052	VV	5958	144250	2.99%	0.143%
349	15.057	15.052	15.063	VV	5725	36534	0.76%	0.036%
350	15.080	15.063	15.088	VV	6036	83508	1.73%	0.083%
351	15.091	15.088	15.095	VV	5634	23787	0.49%	0.024%

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352	15.100	15.095	15.105	VV	5720	34881	0.72%	0.035%
353	15.114	15.105	15.132	VV	5704	86268	1.79%	0.085%
354	15.141	15.132	15.164	VV	5931	105572	2.18%	0.104%
355	15.181	15.164	15.187	VV	5706	78007	1.61%	0.077%
356	15.213	15.187	15.242	VV	7337	215274	4.45%	0.213%
357	15.265	15.242	15.277	VV	7207	141179	2.92%	0.140%
358	15.320	15.277	15.364	VV	13052	456105	9.44%	0.451%
359	15.371	15.364	15.406	VV	6843	166919	3.45%	0.165%
360	15.431	15.406	15.459	VV	8548	226893	4.70%	0.225%
361	15.474	15.459	15.497	VV	6813	146851	3.04%	0.145%
362	15.522	15.497	15.539	VV	7415	174879	3.62%	0.173%
363	15.551	15.539	15.576	VV	7426	156906	3.25%	0.155%
364	15.620	15.576	15.639	VV	9175	305420	6.32%	0.302%
365	15.647	15.639	15.664	VV	7985	115768	2.40%	0.115%
366	15.678	15.664	15.712	VV	8148	218788	4.53%	0.217%
367	15.721	15.712	15.737	VV	7514	108118	2.24%	0.107%
368	15.810	15.737	15.869	VV	184048	2969437	61.45%	2.939%
369	15.889	15.869	15.916	VV	9207	245882	5.09%	0.243%
370	15.939	15.916	15.971	VV	10644	321983	6.66%	0.319%
371	16.005	15.971	16.029	VV	14107	413411	8.56%	0.409%
372	16.059	16.029	16.074	VV	12608	316302	6.55%	0.313%
373	16.094	16.074	16.129	VV	14691	401838	8.32%	0.398%
374	16.164	16.129	16.222	VV	18138	805598	16.67%	0.797%
375	16.272	16.222	16.283	VV	19330	535945	11.09%	0.530%
376	16.295	16.283	16.349	VV	20681	586500	12.14%	0.581%
377	16.373	16.349	16.389	VV	19364	390272	8.08%	0.386%
378	16.407	16.389	16.455	VV	22033	634548	13.13%	0.628%
379	16.483	16.455	16.499	VV	21525	439349	9.09%	0.435%
380	16.517	16.499	16.532	VV	18834	342485	7.09%	0.339%
381	16.548	16.532	16.577	VV	18860	438696	9.08%	0.434%
382	16.601	16.577	16.632	VV	18013	514653	10.65%	0.509%
383	16.648	16.632	16.676	VV	13404	315037	6.52%	0.312%
384	16.762	16.676	16.827	VV	188049	4832314	100.00%	4.783%
385	16.859	16.827	16.907	VV	13942	582221	12.05%	0.576%
386	16.922	16.907	16.932	VV	11845	171728	3.55%	0.170%
387	16.997	16.932	17.034	VV	22899	905706	18.74%	0.896%
388	17.074	17.034	17.096	VV	17797	519576	10.75%	0.514%
389	17.111	17.096	17.129	VV	13868	263483	5.45%	0.261%
390	17.165	17.129	17.193	VV	18884	571769	11.83%	0.566%
391	17.215	17.193	17.235	VV	14906	319425	6.61%	0.316%
392	17.245	17.235	17.257	VV	11783	151318	3.13%	0.150%
393	17.316	17.257	17.349	VV	15628	655822	13.57%	0.649%
394	17.365	17.349	17.389	VV	11052	255625	5.29%	0.253%
395	17.405	17.389	17.424	VV	10868	214733	4.44%	0.213%
396	17.436	17.424	17.449	VV	9558	139520	2.89%	0.138%
397	17.482	17.449	17.515	VV	11373	396684	8.21%	0.393%
398	17.537	17.515	17.571	VV	11345	307900	6.37%	0.305%
399	17.585	17.571	17.597	VV	8870	129682	2.68%	0.128%
400	17.652	17.597	17.708	VV	168187	2855517	59.09%	2.826%
401	17.721	17.708	17.739	VV	8482	148939	3.08%	0.147%
402	17.786	17.739	17.877	VV	26418	1033781	21.39%	1.023%
403	17.890	17.877	17.901	VV	6917	90514	1.87%	0.090%
404	17.934	17.901	17.953	VV	8180	228249	4.72%	0.226%

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405	17.990	17.953	18.052	VV	10594	411616	8.52% 0.407%
406	18.075	18.052	18.092	VV	7873	148662	3.08% 0.147%
407	18.154	18.092	18.207	VV	28933	700099	14.49% 0.693%
408	18.225	18.207	18.259	VV	4626	124367	2.57% 0.123%
409	18.280	18.259	18.289	VV	4040	66452	1.38% 0.066%
410	18.309	18.289	18.334	VV	6006	127200	2.63% 0.126%
411	18.363	18.334	18.421	VV	4125	174549	3.61% 0.173%
412	18.486	18.421	18.547	VV	161331	2519137	52.13% 2.494%
413	18.577	18.547	18.601	VV	9118	182316	3.77% 0.180%
414	18.626	18.601	18.669	VV	8287	205859	4.26% 0.204%
415	18.682	18.669	18.694	VV	3173	44227	0.92% 0.044%
416	18.711	18.694	18.738	VV	2985	71974	1.49% 0.071%
417	18.758	18.738	18.776	VV	3709	67494	1.40% 0.067%
418	18.791	18.776	18.811	VV	2636	49424	1.02% 0.049%
419	18.844	18.811	18.852	VV	2831	58647	1.21% 0.058%
420	18.884	18.852	18.895	VV	5535	105440	2.18% 0.104%
421	18.908	18.895	18.942	VV	5707	110592	2.29% 0.109%
422	18.978	18.942	19.015	VV	5132	158456	3.28% 0.157%
423	19.045	19.015	19.076	VV	5444	165458	3.42% 0.164%
424	19.092	19.076	19.112	VV	4886	100051	2.07% 0.099%
425	19.123	19.112	19.147	VV	4766	91968	1.90% 0.091%
426	19.168	19.147	19.181	VV	4488	86058	1.78% 0.085%
427	19.189	19.181	19.211	VV	4462	75939	1.57% 0.075%
428	19.273	19.211	19.346	VV	157044	2636677	54.56% 2.610%
429	19.384	19.346	19.437	VV	6447	315757	6.53% 0.313%
430	19.561	19.437	19.592	VV	10407	658628	13.63% 0.652%
431	19.615	19.592	19.631	VV	8505	187460	3.88% 0.186%
432	19.649	19.631	19.669	VV	9739	208129	4.31% 0.206%
433	19.691	19.669	19.731	VV	9346	333073	6.89% 0.330%
434	19.800	19.731	19.818	VV	10765	511163	10.58% 0.506%
435	19.912	19.818	19.939	VV	13394	849352	17.58% 0.841%
436	20.017	19.939	20.123	VV	149609	3879499	80.28% 3.840%
437	20.176	20.123	20.187	VV	17278	641504	13.28% 0.635%
438	20.270	20.187	20.299	VV	18514	1195611	24.74% 1.183%
439	20.371	20.299	20.396	VV	20796	1129023	23.36% 1.118%
440	20.404	20.396	20.419	VV	20280	282174	5.84% 0.279%
441	20.528	20.419	20.561	VV	26473	1914566	39.62% 1.895%
442	20.636	20.561	20.654	VV	25021	1367425	28.30% 1.354%
443	20.746	20.654	20.796	VV	137338	4169349	86.28% 4.127%
444	20.807	20.796	20.826	VV	26536	481241	9.96% 0.476%
445	20.838	20.826	20.882	VV	26330	881909	18.25% 0.873%
446	20.891	20.882	20.915	VV	26043	508267	10.52% 0.503%
447	20.984	20.915	20.992	VV	26060	1199027	24.81% 1.187%
448	21.050	20.992	21.124	VV	29569	2135628	44.19% 2.114%
449	21.133	21.124	21.142	VV	25976	291606	6.03% 0.289%
450	21.156	21.142	21.239	VV	25922	1442545	29.85% 1.428%
451	21.250	21.239	21.277	VV	24153	552272	11.43% 0.547%
452	21.308	21.277	21.332	VV	23981	789327	16.33% 0.781%
453	21.420	21.332	21.564	VV	25348	3340457	69.13% 3.306%
454	21.624	21.564	21.691	VBA	110709	3888601	80.47% 3.849%

Sum of corrected areas: 101027808

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