

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091621\
 Data File : FE034355.D
 Signal(s) : FID1B.CH
 Acq On : 16 Sep 2021 21:10
 Sample : M3700-10 20X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE090821.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.350	2.323	2.364	BV	103	581	0.01%	0.000%
2	2.369	2.364	2.424	VV	213	1963	0.02%	0.001%
3	2.433	2.424	2.475	PV	179	3579	0.04%	0.001%
4	2.482	2.475	2.501	PV	157	1653	0.02%	0.001%
5	2.503	2.501	2.508	VV	151	477	0.00%	0.000%
6	2.519	2.508	2.533	VV	233	1975	0.02%	0.001%
7	2.543	2.533	2.560	VV	375	3839	0.04%	0.002%
8	2.564	2.560	2.568	VV	153	596	0.01%	0.000%
9	2.572	2.568	2.583	VV	180	1479	0.02%	0.001%
10	2.587	2.583	2.616	VV	221	4355	0.04%	0.002%
11	2.629	2.616	2.663	VV	1159	13454	0.14%	0.006%
12	2.670	2.663	2.676	PV	104	527	0.01%	0.000%
13	2.682	2.676	2.690	VV	121	609	0.01%	0.000%
14	2.695	2.690	2.704	VV	76	434	0.00%	0.000%
15	2.709	2.704	2.731	VV	116	1200	0.01%	0.000%
16	2.748	2.731	2.761	PV	1037	9518	0.10%	0.004%
17	2.767	2.761	2.784	VV	527	4060	0.04%	0.002%
18	2.795	2.784	2.809	VV	261	2431	0.03%	0.001%
19	2.816	2.809	2.846	VV	238	2537	0.03%	0.001%
20	2.853	2.846	2.861	VV	87	398	0.00%	0.000%
21	2.866	2.861	2.871	PV	108	422	0.00%	0.000%
22	2.876	2.871	2.892	VV	169	1252	0.01%	0.001%
23	2.913	2.892	2.934	PV	500	6246	0.06%	0.003%
24	2.944	2.934	2.968	VV	605	5629	0.06%	0.002%
25	2.988	2.968	2.993	VV	233	2863	0.03%	0.001%
26	2.997	2.993	3.017	VV	283	2278	0.02%	0.001%
27	3.019	3.017	3.032	VV	151	1198	0.01%	0.000%
28	3.044	3.032	3.059	VV	249	2043	0.02%	0.001%
29	3.067	3.059	3.074	VV	133	714	0.01%	0.000%
30	3.092	3.074	3.109	VV	395	4636	0.05%	0.002%
31	3.115	3.109	3.126	VV	171	1312	0.01%	0.001%
32	3.129	3.126	3.138	VV	191	691	0.01%	0.000%
33	3.157	3.138	3.177	PV	413	5464	0.06%	0.002%
34	3.183	3.177	3.208	VV	189	2330	0.02%	0.001%
35	3.212	3.208	3.216	VV	97	355	0.00%	0.000%
36	3.219	3.216	3.232	VV	130	789	0.01%	0.000%

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37	3.245	3.232	3.264	VV	368	3499	0.04%	0.001%
38	3.273	3.264	3.280	VV	217	1177	0.01%	0.000%
39	3.302	3.280	3.309	PV	177	1437	0.01%	0.001%
40	3.317	3.309	3.336	VV	291	2785	0.03%	0.001%
41	3.340	3.336	3.344	VV	140	549	0.01%	0.000%
42	3.354	3.344	3.369	VV	319	2288	0.02%	0.001%
43	3.384	3.369	3.420	VV	558	5745	0.06%	0.002%
44	3.436	3.420	3.458	VV	460	4370	0.05%	0.002%
45	3.476	3.458	3.487	PV	358	3036	0.03%	0.001%
46	3.493	3.487	3.511	VV	212	2054	0.02%	0.001%
47	3.517	3.511	3.530	VV	217	1614	0.02%	0.001%
48	3.555	3.530	3.573	VV	307	3903	0.04%	0.002%
49	3.588	3.573	3.599	PV	213	1348	0.01%	0.001%
50	3.608	3.599	3.620	VV	329	2955	0.03%	0.001%
51	3.630	3.620	3.656	VV	326	3626	0.04%	0.001%
52	3.677	3.656	3.689	VV	597	6109	0.06%	0.003%
53	3.696	3.689	3.714	VV	471	3872	0.04%	0.002%
54	3.722	3.714	3.724	VV	172	850	0.01%	0.000%
55	3.738	3.724	3.770	VV	637	6663	0.07%	0.003%
56	3.778	3.770	3.792	PV	98	594	0.01%	0.000%
57	3.817	3.792	3.832	PV	904	9480	0.10%	0.004%
58	3.842	3.832	3.868	VV	588	8472	0.09%	0.003%
59	3.889	3.868	3.906	VV	239	4040	0.04%	0.002%
60	3.911	3.906	3.915	VV	205	656	0.01%	0.000%
61	3.930	3.915	3.943	VV	795	8679	0.09%	0.004%
62	3.948	3.943	3.965	VV	436	3767	0.04%	0.002%
63	3.994	3.965	4.010	VV	548	7919	0.08%	0.003%
64	4.030	4.010	4.050	VV	668	9672	0.10%	0.004%
65	4.072	4.050	4.092	VV	556	6731	0.07%	0.003%
66	4.104	4.092	4.128	VV	319	5069	0.05%	0.002%
67	4.164	4.128	4.196	VV	3403	44455	0.46%	0.018%
68	4.208	4.196	4.228	VV	465	6852	0.07%	0.003%
69	4.243	4.228	4.263	VV	460	7661	0.08%	0.003%
70	4.274	4.263	4.292	VV	535	6220	0.06%	0.003%
71	4.302	4.292	4.307	VV	327	2226	0.02%	0.001%
72	4.338	4.307	4.348	VV	790	11504	0.12%	0.005%
73	4.364	4.348	4.393	VV	7407	80389	0.83%	0.033%
74	4.422	4.393	4.437	VV	922	18188	0.19%	0.007%
75	4.443	4.437	4.452	VV	526	4182	0.04%	0.002%
76	4.457	4.452	4.480	VV	592	6998	0.07%	0.003%
77	4.493	4.480	4.506	VV	534	6534	0.07%	0.003%
78	4.522	4.506	4.536	VV	1232	15415	0.16%	0.006%
79	4.558	4.536	4.581	VV	893	17482	0.18%	0.007%
80	4.618	4.581	4.642	VV	578	15062	0.16%	0.006%
81	4.660	4.642	4.681	VV	2063	27626	0.28%	0.011%
82	4.691	4.681	4.710	VV	895	10483	0.11%	0.004%
83	4.716	4.710	4.723	VV	500	2762	0.03%	0.001%
84	4.737	4.723	4.743	VV	438	4493	0.05%	0.002%
85	4.762	4.743	4.788	VV	542	8968	0.09%	0.004%
86	4.801	4.788	4.814	VV	400	3665	0.04%	0.002%
87	4.849	4.814	4.864	VV	1717	23094	0.24%	0.009%
88	4.885	4.864	4.889	VV	1012	12530	0.13%	0.005%
89	4.898	4.889	4.912	VV	1285	13004	0.13%	0.005%

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90	4.926	4.912	4.954	VV	1249	15970	0.16%	0.007%
91	4.993	4.954	5.056	PV	5402	82271	0.85%	0.034%
92	5.078	5.056	5.106	VV	1348	18771	0.19%	0.008%
93	5.120	5.106	5.132	VV	502	6262	0.06%	0.003%
94	5.144	5.132	5.159	VV	883	10880	0.11%	0.004%
95	5.180	5.159	5.193	VV	1445	21029	0.22%	0.009%
96	5.215	5.193	5.233	VV	1722	28667	0.30%	0.012%
97	5.239	5.233	5.251	VV	698	6983	0.07%	0.003%
98	5.264	5.251	5.283	VV	1571	19424	0.20%	0.008%
99	5.289	5.283	5.295	VV	558	3667	0.04%	0.002%
100	5.312	5.295	5.333	VV	826	12309	0.13%	0.005%
101	5.345	5.333	5.358	VV	1168	12638	0.13%	0.005%
102	5.371	5.358	5.388	VV	2053	22036	0.23%	0.009%
103	5.393	5.388	5.411	VV	595	5766	0.06%	0.002%
104	5.427	5.411	5.449	VV	891	11183	0.12%	0.005%
105	5.473	5.449	5.489	VV	1725	21968	0.23%	0.009%
106	5.511	5.489	5.539	VV	1291	27976	0.29%	0.011%
107	5.556	5.539	5.574	VV	982	15000	0.15%	0.006%
108	5.592	5.574	5.608	VV	1426	19424	0.20%	0.008%
109	5.627	5.608	5.654	VV	1525	29429	0.30%	0.012%
110	5.676	5.654	5.719	VV	1991	37440	0.39%	0.015%
111	5.735	5.719	5.751	PV	551	5493	0.06%	0.002%
112	5.769	5.751	5.781	VV	709	6840	0.07%	0.003%
113	5.797	5.781	5.827	VV	1459	22224	0.23%	0.009%
114	5.852	5.827	5.863	VV	1444	18883	0.19%	0.008%
115	5.908	5.863	5.934	VV	1768	47747	0.49%	0.020%
116	5.946	5.934	5.979	VV	718	9673	0.10%	0.004%
117	6.013	5.979	6.037	VV	1121	27159	0.28%	0.011%
118	6.087	6.037	6.111	VV	1950	60938	0.63%	0.025%
119	6.152	6.111	6.177	VV	3701	72056	0.74%	0.030%
120	6.192	6.177	6.205	VV	1066	13843	0.14%	0.006%
121	6.234	6.205	6.246	VV	2424	41183	0.42%	0.017%
122	6.255	6.246	6.283	VV	2014	22414	0.23%	0.009%
123	6.300	6.283	6.311	VV	778	8326	0.09%	0.003%
124	6.318	6.311	6.332	VV	566	5601	0.06%	0.002%
125	6.358	6.332	6.373	VV	2026	31374	0.32%	0.013%
126	6.376	6.373	6.391	VV	1394	11707	0.12%	0.005%
127	6.414	6.391	6.443	VV	3130	53970	0.56%	0.022%
128	6.471	6.443	6.476	VV	1845	20061	0.21%	0.008%
129	6.487	6.476	6.503	VV	2528	29416	0.30%	0.012%
130	6.525	6.503	6.538	VV	1404	24443	0.25%	0.010%
131	6.553	6.538	6.565	VV	3581	39847	0.41%	0.016%
132	6.576	6.565	6.593	VV	2939	36990	0.38%	0.015%
133	6.603	6.593	6.619	VV	1592	20623	0.21%	0.008%
134	6.635	6.619	6.657	VV	1605	22110	0.23%	0.009%
135	6.673	6.657	6.681	PV	568	4879	0.05%	0.002%
136	6.696	6.681	6.724	VV	886	16896	0.17%	0.007%
137	6.746	6.724	6.768	VV	1124	18340	0.19%	0.008%
138	6.777	6.768	6.787	VV	470	3885	0.04%	0.002%
139	6.805	6.787	6.833	VV	1002	15237	0.16%	0.006%
140	6.837	6.833	6.854	VV	597	5637	0.06%	0.002%
141	6.885	6.854	6.898	VV	705	13456	0.14%	0.006%

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142	6.918	6.898	6.937	VV	2160	27521	0.28%	0.011%
143	6.956	6.937	6.978	VV	3551	43778	0.45%	0.018%
144	7.015	6.978	7.033	VV	2377	36986	0.38%	0.015%
145	7.053	7.033	7.079	VV	1707	29748	0.31%	0.012%
146	7.102	7.079	7.110	VV	1757	23759	0.24%	0.010%
147	7.123	7.110	7.159	VV	2453	39943	0.41%	0.016%
148	7.173	7.159	7.215	VV	970	19554	0.20%	0.008%
149	7.228	7.215	7.234	VV	829	6622	0.07%	0.003%
150	7.265	7.234	7.284	VV	1598	33222	0.34%	0.014%
151	7.300	7.284	7.313	VV	1149	15216	0.16%	0.006%
152	7.338	7.313	7.348	VV	1797	30014	0.31%	0.012%
153	7.366	7.348	7.385	VV	4273	59563	0.61%	0.024%
154	7.411	7.385	7.444	VV	4326	95803	0.99%	0.039%
155	7.474	7.444	7.488	VV	2929	60707	0.63%	0.025%
156	7.503	7.488	7.530	VV	3608	70261	0.72%	0.029%
157	7.548	7.530	7.568	VV	4132	63966	0.66%	0.026%
158	7.585	7.568	7.600	VV	2563	41847	0.43%	0.017%
159	7.611	7.600	7.624	VV	2065	27469	0.28%	0.011%
160	7.653	7.624	7.657	VV	3586	55134	0.57%	0.023%
161	7.688	7.657	7.723	VV	5499	173298	1.79%	0.071%
162	7.743	7.723	7.756	VV	4393	74064	0.76%	0.030%
163	7.771	7.756	7.808	VV	4472	113610	1.17%	0.047%
164	7.829	7.808	7.849	VV	5352	105539	1.09%	0.043%
165	7.869	7.849	7.894	VV	6308	136333	1.41%	0.056%
166	7.908	7.894	7.927	VV	4455	73428	0.76%	0.030%
167	7.969	7.927	7.992	VV	5662	167314	1.72%	0.069%
168	8.013	7.992	8.029	VV	6003	115241	1.19%	0.047%
169	8.052	8.029	8.069	VV	6650	139919	1.44%	0.057%
170	8.081	8.069	8.095	VV	6482	89135	0.92%	0.037%
171	8.123	8.095	8.137	VV	7696	156857	1.62%	0.064%
172	8.162	8.137	8.177	VV	8457	169412	1.75%	0.070%
173	8.208	8.177	8.222	VV	12644	263980	2.72%	0.108%
174	8.236	8.222	8.244	VV	10384	132948	1.37%	0.055%
175	8.256	8.244	8.276	VV	11550	188756	1.95%	0.077%
176	8.316	8.276	8.327	VV	13223	323617	3.34%	0.133%
177	8.332	8.327	8.348	VV	12680	142893	1.47%	0.059%
178	8.365	8.348	8.385	VV	11964	249551	2.57%	0.102%
179	8.417	8.385	8.453	VV	13023	472167	4.87%	0.194%
180	8.474	8.453	8.499	VV	10377	261869	2.70%	0.108%
181	8.528	8.499	8.546	VV	10177	269904	2.78%	0.111%
182	8.572	8.546	8.590	VV	11709	280002	2.89%	0.115%
183	8.627	8.590	8.641	VV	14641	384819	3.97%	0.158%
184	8.666	8.641	8.674	VV	14463	274268	2.83%	0.113%
185	8.691	8.674	8.708	VV	16324	308355	3.18%	0.127%
186	8.725	8.708	8.743	VV	17892	320383	3.30%	0.132%
187	8.758	8.743	8.771	VV	14466	239310	2.47%	0.098%
188	8.797	8.771	8.813	VV	15657	368263	3.80%	0.151%
189	8.841	8.813	8.853	VV	19111	417702	4.31%	0.171%
190	8.870	8.853	8.900	VV	21427	549560	5.67%	0.226%
191	8.940	8.900	8.945	VV	19765	508555	5.24%	0.209%
192	8.961	8.945	8.989	VV	20357	525676	5.42%	0.216%
193	9.021	8.989	9.044	VV	23602	741249	7.64%	0.304%
194	9.070	9.044	9.087	VV	24994	603646	6.22%	0.248%

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195	9.103	9.087	9.119	VV	24137	445576	4.59%	0.183%
196	9.139	9.119	9.154	VV	28841	534079	5.51%	0.219%
197	9.171	9.154	9.194	VV	27231	625948	6.45%	0.257%
198	9.216	9.194	9.225	VV	26441	459742	4.74%	0.189%
199	9.234	9.225	9.254	VV	26734	448374	4.62%	0.184%
200	9.273	9.254	9.291	VV	25602	529278	5.46%	0.217%
201	9.316	9.291	9.334	VV	26734	649029	6.69%	0.266%
202	9.357	9.334	9.372	VV	26020	575368	5.93%	0.236%
203	9.427	9.372	9.451	VV	33803	1442724	14.87%	0.592%
204	9.465	9.451	9.478	VV	31231	489053	5.04%	0.201%
205	9.508	9.478	9.524	VV	36098	937261	9.66%	0.385%
206	9.531	9.524	9.549	VV	32824	473882	4.89%	0.195%
207	9.556	9.549	9.564	VV	30466	256269	2.64%	0.105%
208	9.582	9.564	9.593	VV	34519	574176	5.92%	0.236%
209	9.612	9.593	9.625	VV	36102	665294	6.86%	0.273%
210	9.643	9.625	9.650	VV	39590	564427	5.82%	0.232%
211	9.657	9.650	9.689	VV	39191	887212	9.15%	0.364%
212	9.694	9.689	9.705	VV	34622	318465	3.28%	0.131%
213	9.718	9.705	9.729	VV	36400	509265	5.25%	0.209%
214	9.756	9.729	9.768	VV	41268	916755	9.45%	0.376%
215	9.780	9.768	9.793	VV	41004	607848	6.27%	0.250%
216	9.803	9.793	9.817	VV	39952	582750	6.01%	0.239%
217	9.840	9.817	9.855	VV	44394	947073	9.76%	0.389%
218	9.861	9.855	9.877	VV	42361	520649	5.37%	0.214%
219	9.895	9.877	9.916	VV	41711	914986	9.43%	0.376%
220	9.936	9.916	9.947	VV	41083	746832	7.70%	0.307%
221	9.953	9.947	9.971	VV	40285	569915	5.88%	0.234%
222	9.980	9.971	9.999	VV	40078	649112	6.69%	0.266%
223	10.036	9.999	10.049	VV	49242	1340655	13.82%	0.550%
224	10.061	10.049	10.080	VV	51938	909202	9.37%	0.373%
225	10.093	10.080	10.109	VV	46348	770299	7.94%	0.316%
226	10.120	10.109	10.141	VV	46095	852538	8.79%	0.350%
227	10.184	10.141	10.237	VV	56405	2832087	29.20%	1.163%
228	10.283	10.237	10.303	VV	59476	2007470	20.70%	0.824%
229	10.309	10.303	10.318	VV	51683	468625	4.83%	0.192%
230	10.340	10.318	10.359	VV	56638	1305360	13.46%	0.536%
231	10.367	10.359	10.375	VV	48268	443138	4.57%	0.182%
232	10.395	10.375	10.430	VV	54579	1685592	17.38%	0.692%
233	10.461	10.430	10.479	VV	56620	1460274	15.05%	0.600%
234	10.494	10.479	10.505	VV	52362	793258	8.18%	0.326%
235	10.516	10.505	10.528	VV	51665	686229	7.07%	0.282%
236	10.544	10.528	10.572	VV	50707	1263098	13.02%	0.519%
237	10.583	10.572	10.603	VV	47472	862939	8.90%	0.354%
238	10.622	10.603	10.625	VV	44862	604040	6.23%	0.248%
239	10.648	10.625	10.662	VV	47228	1027304	10.59%	0.422%
240	10.674	10.662	10.698	VV	47681	980460	10.11%	0.403%
241	10.705	10.698	10.718	VV	43615	512403	5.28%	0.210%
242	10.741	10.718	10.748	VV	45028	810874	8.36%	0.333%
243	10.772	10.748	10.783	VV	47313	958364	9.88%	0.393%
244	10.794	10.783	10.809	VV	47152	724992	7.47%	0.298%
245	10.827	10.809	10.834	VV	48712	708134	7.30%	0.291%
246	10.849	10.834	10.868	VV	48988	983138	10.14%	0.404%

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247	10.875	10.868	10.891	VV	46951	622276	6.42%	0.255%
248	10.899	10.891	10.929	VV	46234	1018166	10.50%	0.418%
249	10.950	10.929	10.964	VV	47576	952766	9.82%	0.391%
250	10.976	10.964	11.000	VV	46019	950548	9.80%	0.390%
251	11.015	11.000	11.041	VV	45063	1065291	10.98%	0.437%
252	11.057	11.041	11.067	VV	44335	664862	6.85%	0.273%
253	11.088	11.067	11.110	VV	47978	1152928	11.89%	0.473%
254	11.133	11.110	11.174	VV	45163	1653845	17.05%	0.769%
255	11.203	11.174	11.229	VV	41648	1331636	13.73%	0.547%
256	11.247	11.229	11.274	VV	41896	1120564	11.55%	0.460%
257	11.302	11.274	11.324	VV	43216	1223689	12.62%	0.502%
258	11.345	11.324	11.364	VV	42522	956158	9.86%	0.393%
259	11.413	11.364	11.443	VV	41770	1856799	19.14%	0.762%
260	11.448	11.443	11.454	VV	37459	248504	2.56%	0.102%
261	11.463	11.454	11.470	VV	37648	358177	3.69%	0.147%
262	11.484	11.470	11.514	VV	38341	992904	10.24%	0.408%
263	11.529	11.514	11.544	VV	37071	635968	6.56%	0.261%
264	11.552	11.544	11.569	VV	36275	542175	5.59%	0.223%
265	11.583	11.569	11.605	VV	36435	766364	7.90%	0.315%
266	11.632	11.605	11.655	VV	36098	1036588	10.69%	0.426%
267	11.675	11.655	11.684	VV	34628	605522	6.24%	0.249%
268	11.698	11.684	11.713	VV	34849	583157	6.01%	0.239%
269	11.729	11.713	11.757	VV	34391	880246	9.07%	0.361%
270	11.763	11.757	11.769	VV	31534	225906	2.33%	0.093%
271	11.789	11.769	11.810	VV	32456	764223	7.88%	0.314%
272	11.826	11.810	11.832	VV	32074	427094	4.40%	0.175%
273	11.850	11.832	11.877	VV	32076	840344	8.66%	0.345%
274	11.909	11.877	11.942	VV	32693	1206137	12.43%	0.495%
275	11.959	11.942	12.007	VV	32384	1220627	12.58%	0.501%
276	12.013	12.007	12.018	VV	29572	187940	1.94%	0.077%
277	12.033	12.018	12.067	VV	30957	884724	9.12%	0.363%
278	12.088	12.067	12.110	VV	29696	744003	7.67%	0.305%
279	12.126	12.110	12.151	VV	29785	713001	7.35%	0.293%
280	12.177	12.151	12.245	VV	42183	1742513	17.96%	0.715%
281	12.258	12.245	12.279	VV	26214	529868	5.46%	0.218%
282	12.300	12.279	12.341	VV	26933	948441	9.78%	0.389%
283	12.370	12.341	12.383	VV	26415	639392	6.59%	0.263%
284	12.399	12.383	12.435	VV	26286	772118	7.96%	0.317%
285	12.456	12.435	12.477	VV	25365	624748	6.44%	0.256%
286	12.482	12.477	12.516	VV	24181	535543	5.52%	0.220%
287	12.539	12.516	12.558	VV	25412	599782	6.18%	0.246%
288	12.570	12.558	12.589	VV	24879	450032	4.64%	0.185%
289	12.594	12.589	12.615	VV	23085	352029	3.63%	0.145%
290	12.620	12.615	12.623	VV	21840	103739	1.07%	0.043%
291	12.629	12.623	12.653	VV	22069	392277	4.04%	0.161%
292	12.657	12.653	12.675	VV	21214	266954	2.75%	0.110%
293	12.698	12.675	12.718	VV	21078	537351	5.54%	0.221%
294	12.733	12.718	12.755	VV	21224	467430	4.82%	0.192%
295	12.768	12.755	12.816	VV	21689	723629	7.46%	0.297%
296	12.835	12.816	12.857	VV	20397	477021	4.92%	0.196%
297	12.864	12.857	12.875	VV	18166	191781	1.98%	0.079%
298	12.896	12.875	12.910	VV	18527	376677	3.88%	0.155%
299	12.915	12.910	12.939	VV	17728	301100	3.10%	0.124%

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300	12.945	12.939	12.966	VV	17398	276700	2.85% 0.114%
301	12.981	12.966	12.992	VV	16960	260329	2.68% 0.107%
302	13.000	12.992	13.020	VV	16627	269372	2.78% 0.111%
303	13.034	13.020	13.053	VV	17023	325291	3.35% 0.134%
304	13.064	13.053	13.079	VV	15822	238226	2.46% 0.098%
305	13.100	13.079	13.121	VV	15355	381293	3.93% 0.157%
306	13.153	13.121	13.177	VV	16020	517686	5.34% 0.213%
307	13.204	13.177	13.216	VV	16267	366835	3.78% 0.151%
308	13.239	13.216	13.303	VV	23799	855731	8.82% 0.351%
309	13.311	13.303	13.316	VV	12529	97367	1.00% 0.040%
310	13.323	13.316	13.333	VV	12557	126034	1.30% 0.052%
311	13.341	13.333	13.368	VV	12304	250853	2.59% 0.103%
312	13.399	13.368	13.439	VV	16968	553041	5.70% 0.227%
313	13.444	13.439	13.469	VV	10886	191338	1.97% 0.079%
314	13.474	13.469	13.485	VV	10076	95896	0.99% 0.039%
315	13.506	13.485	13.547	VV	10527	365987	3.77% 0.150%
316	13.561	13.547	13.578	VV	9775	176164	1.82% 0.072%
317	13.596	13.578	13.646	VV	9803	361000	3.72% 0.148%
318	13.652	13.646	13.659	VV	8207	65530	0.68% 0.027%
319	13.665	13.659	13.670	VV	8507	53838	0.56% 0.022%
320	13.691	13.670	13.721	VV	9019	256531	2.64% 0.105%
321	13.741	13.721	13.805	VV	8652	366876	3.78% 0.151%
322	13.818	13.805	13.825	VV	6200	72090	0.74% 0.030%
323	13.829	13.825	13.839	VV	6021	48014	0.49% 0.020%
324	13.868	13.839	13.918	VV	6823	290738	3.00% 0.119%
325	13.943	13.918	13.953	VV	5663	112543	1.16% 0.046%
326	13.981	13.953	14.019	VV	5652	209631	2.16% 0.086%
327	14.038	14.019	14.059	VV	5094	111374	1.15% 0.046%
328	14.075	14.059	14.082	VV	4320	57590	0.59% 0.024%
329	14.100	14.082	14.107	VV	4289	61348	0.63% 0.025%
330	14.116	14.107	14.123	VV	4166	40424	0.42% 0.017%
331	14.150	14.123	14.186	VV	4326	150422	1.55% 0.062%
332	14.210	14.186	14.218	VV	3567	64836	0.67% 0.027%
333	14.226	14.218	14.243	VV	3558	52633	0.54% 0.022%
334	14.253	14.243	14.273	VV	3574	61529	0.63% 0.025%
335	14.300	14.273	14.333	VV	4233	118335	1.22% 0.049%
336	14.363	14.333	14.383	VV	2769	77390	0.80% 0.032%
337	14.388	14.383	14.396	VV	2436	19252	0.20% 0.008%
338	14.408	14.396	14.415	VV	2504	25910	0.27% 0.011%
339	14.420	14.415	14.433	VV	2411	25644	0.26% 0.011%
340	14.451	14.433	14.463	VV	2379	38596	0.40% 0.016%
341	14.467	14.463	14.488	VV	1980	26435	0.27% 0.011%
342	14.502	14.488	14.518	VV	1889	30750	0.32% 0.013%
343	14.534	14.518	14.552	VV	1715	33056	0.34% 0.014%
344	14.573	14.552	14.598	VV	1692	39893	0.41% 0.016%
345	14.638	14.598	14.668	VV	21167	325883	3.36% 0.134%
346	14.680	14.668	14.729	VV	2088	46057	0.47% 0.019%
347	14.743	14.729	14.758	VV	799	13010	0.13% 0.005%
348	14.772	14.758	14.777	VV	785	7666	0.08% 0.003%
349	14.798	14.777	14.808	VV	1404	21188	0.22% 0.009%
350	14.841	14.808	14.870	VV	2271	50852	0.52% 0.021%
351	14.889	14.870	14.900	VV	607	8993	0.09% 0.004%

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352	14.948	14.900	14.953	VV	634	13491	0.14%	0.006%
353	14.957	14.953	14.962	VV	595	2868	0.03%	0.001%
354	14.966	14.962	14.976	VV	531	4147	0.04%	0.002%
355	14.982	14.976	14.990	VV	517	3522	0.04%	0.001%
356	15.001	14.990	15.024	VV	501	7011	0.07%	0.003%
357	15.038	15.024	15.066	VV	420	6263	0.06%	0.003%
358	15.074	15.066	15.081	PV	249	1077	0.01%	0.000%
359	15.095	15.081	15.108	VV	255	2669	0.03%	0.001%
360	15.113	15.108	15.123	VV	267	1234	0.01%	0.001%
361	15.129	15.123	15.135	VV	130	683	0.01%	0.000%
362	15.148	15.135	15.153	PV	174	1132	0.01%	0.000%
363	15.158	15.153	15.165	VV	188	979	0.01%	0.000%
364	15.182	15.165	15.189	VV	229	2258	0.02%	0.001%
365	15.228	15.189	15.288	VV	4325	81702	0.84%	0.034%
366	15.322	15.288	15.337	VV	517	8907	0.09%	0.004%
367	15.360	15.337	15.401	VV	1687	27519	0.28%	0.011%
368	15.431	15.401	15.469	VV	1129	24164	0.25%	0.010%
369	15.491	15.469	15.532	VV	435	9873	0.10%	0.004%
370	15.549	15.532	15.557	PV	248	2451	0.03%	0.001%
371	15.588	15.557	15.594	VV	277	4365	0.05%	0.002%
372	15.678	15.594	15.686	VV	448	18346	0.19%	0.008%
373	15.689	15.686	15.707	VV	353	2817	0.03%	0.001%
374	15.744	15.707	15.761	VV	482	9178	0.09%	0.004%
375	15.780	15.761	15.786	VV	218	2503	0.03%	0.001%
376	15.823	15.786	15.837	VV	663	10838	0.11%	0.004%
377	15.861	15.837	15.891	VV	2023	31876	0.33%	0.013%
378	15.901	15.891	15.916	VV	457	5601	0.06%	0.002%
379	15.932	15.916	15.948	VV	341	4162	0.04%	0.002%
380	15.957	15.948	15.962	VV	217	1619	0.02%	0.001%
381	15.973	15.962	15.978	VV	244	1678	0.02%	0.001%
382	15.988	15.978	15.996	VV	276	2440	0.03%	0.001%
383	16.002	15.996	16.009	VV	296	1497	0.02%	0.001%
384	16.039	16.009	16.046	VV	339	4648	0.05%	0.002%
385	16.065	16.046	16.075	VV	302	3976	0.04%	0.002%
386	16.082	16.075	16.091	VV	211	1516	0.02%	0.001%
387	16.114	16.091	16.121	VV	161	1799	0.02%	0.001%
388	16.162	16.121	16.179	PV	550	10463	0.11%	0.004%
389	16.242	16.179	16.268	VV	931	21450	0.22%	0.009%
390	16.306	16.268	16.315	VV	674	10611	0.11%	0.004%
391	16.343	16.315	16.376	VV	2926	43742	0.45%	0.018%
392	16.381	16.376	16.393	VV	372	2619	0.03%	0.001%
393	16.425	16.393	16.466	VV	1241	24562	0.25%	0.010%
394	16.488	16.466	16.493	VV	297	3477	0.04%	0.001%
395	16.523	16.493	16.529	VV	197	3889	0.04%	0.002%
396	16.576	16.529	16.585	VV	339	6136	0.06%	0.003%
397	16.588	16.585	16.592	VV	193	536	0.01%	0.000%
398	16.596	16.592	16.600	VV	102	403	0.00%	0.000%
399	16.637	16.600	16.644	PV	332	5843	0.06%	0.002%
400	16.693	16.644	16.701	VV	553	10261	0.11%	0.004%
401	16.710	16.701	16.716	VV	440	3672	0.04%	0.002%
402	16.809	16.716	16.836	VV	6171	116154	1.20%	0.048%
403	16.856	16.836	16.878	VV	1557	25057	0.26%	0.010%
404	16.968	16.878	16.980	VV	591	29730	0.31%	0.012%

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405	17.008	16.980	17.013	VV	557	9010	0.09%	0.004%
406	17.018	17.013	17.024	VV	541	3271	0.03%	0.001%
407	17.185	17.024	17.200	VV	2054	113651	1.17%	0.047%
408	17.259	17.200	17.291	VV	11658	241779	2.49%	0.099%
409	17.349	17.291	17.351	VV	3332	103376	1.07%	0.042%
410	17.355	17.351	17.364	VV	3319	26693	0.28%	0.011%
411	17.402	17.364	17.408	VV	3505	87075	0.90%	0.036%
412	17.471	17.408	17.477	VV	4221	160346	1.65%	0.066%
413	17.480	17.477	17.487	VV	4057	25415	0.26%	0.010%
414	17.522	17.487	17.526	VV	4053	91892	0.95%	0.038%
415	17.549	17.526	17.568	VV	4245	101733	1.05%	0.042%
416	17.588	17.568	17.593	VV	4010	60741	0.63%	0.025%
417	17.600	17.593	17.605	VV	3965	27523	0.28%	0.011%
418	17.641	17.605	17.649	VV	4063	104480	1.08%	0.043%
419	17.694	17.649	17.726	VV	19403	384588	3.96%	0.158%
420	17.743	17.726	17.751	VV	3945	57013	0.59%	0.023%
421	17.966	17.751	17.976	VV	8193	759441	7.83%	0.312%
422	17.981	17.976	17.985	VV	8025	38627	0.40%	0.016%
423	18.020	17.985	18.038	VV	10926	303629	3.13%	0.125%
424	18.066	18.038	18.077	VV	11659	260708	2.69%	0.107%
425	18.116	18.077	18.150	VV	29979	753240	7.77%	0.309%
426	18.381	18.150	18.408	VV	17963	2397646	24.72%	0.984%
427	18.416	18.408	18.465	VV	17005	560664	5.78%	0.230%
428	18.470	18.465	18.484	VV	15873	184314	1.90%	0.076%
429	18.525	18.484	18.567	VV	34803	1051851	10.84%	0.432%
430	18.853	18.567	18.861	VV	28078	3770471	38.87%	1.548%
431	18.891	18.861	18.896	VV	30320	607941	6.27%	0.250%
432	18.922	18.896	18.948	VV	45110	1156205	11.92%	0.475%
433	19.123	18.948	19.134	VV	36784	3739462	38.55%	1.535%
434	19.164	19.134	19.187	VV	37950	1181791	12.18%	0.485%
435	19.222	19.187	19.236	VV	37922	1098301	11.32%	0.451%
436	19.307	19.236	19.334	VV	53284	2462647	25.39%	1.011%
437	19.340	19.334	19.346	VV	40108	278550	2.87%	0.114%
438	19.598	19.346	19.622	VV	59880	8221946	84.76%	3.376%
439	19.637	19.622	19.650	VV	59116	997609	10.28%	0.410%
440	19.681	19.650	19.712	VV	69876	2342751	24.15%	0.962%
441	19.731	19.712	19.741	VV	60365	1036232	10.68%	0.425%
442	19.773	19.741	19.789	VV	60928	1745640	18.00%	0.717%
443	19.838	19.789	19.846	VV	63807	2115827	21.81%	0.869%
444	19.931	19.846	19.938	VV	71765	3757465	38.74%	1.543%
445	20.047	19.938	20.090	VV	88027	7157147	73.78%	2.938%
446	20.123	20.090	20.138	VV	84507	2406945	24.81%	0.988%
447	20.176	20.138	20.188	VV	87432	2549691	26.29%	1.047%
448	20.196	20.188	20.205	VV	87080	929293	9.58%	0.382%
449	20.285	20.205	20.296	VV	96494	4993377	51.48%	2.050%
450	20.313	20.296	20.331	VV	99502	2062002	21.26%	0.847%
451	20.343	20.331	20.366	VV	98299	2056492	21.20%	0.844%
452	20.401	20.366	20.433	VV	104125	4025984	41.50%	1.653%
453	20.503	20.433	20.537	VV	106430	6545017	67.47%	2.687%
454	20.551	20.537	20.609	VV	102839	4268361	44.00%	1.752%
455	20.622	20.609	20.654	VV	96904	2619801	27.01%	1.076%
456	20.677	20.654	20.688	VV	95389	1939248	19.99%	0.796%

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457	20.701	20.688	20.714	VV	95412	1440636	14.85%	0.591%
458	20.730	20.714	20.744	VV	96736	1775510	18.30%	0.729%
459	20.775	20.744	20.788	VV	102302	2604348	26.85%	1.069%
460	20.806	20.788	20.818	VV	103437	1847259	19.04%	0.758%
461	20.831	20.818	20.856	VV	103574	2328164	24.00%	0.956%
462	20.867	20.856	20.891	VV	102753	2156467	22.23%	0.885%
463	20.904	20.891	20.955	VV	100661	3757355	38.73%	1.543%
464	20.971	20.955	21.007	VV	96555	3005018	30.98%	1.234%
465	21.044	21.007	21.056	VV	97085	2808851	28.96%	1.153%
466	21.089	21.056	21.094	VV	98105	2224669	22.93%	0.913%
467	21.105	21.094	21.129	VV	98277	2024419	20.87%	0.831%
468	21.134	21.129	21.234	VV	96244	5877121	60.59%	2.413%
469	21.237	21.234	21.246	VV	88350	624484	6.44%	0.256%
470	21.363	21.246	21.384	VV	99029	7729652	79.69%	3.173%
471	21.391	21.384	21.436	VV	96485	2904364	29.94%	1.192%
472	21.442	21.436	21.496	VV	92684	3320213	34.23%	1.363%
473	21.560	21.496	21.671	VBA	96454	9700163	100.00%	3.982%
						Sum of corrected areas:		243574102

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