

rteres

Area Percent

Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
 Data File : FF016500.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 19:23
 Sample : Q3216-01MSD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.925	1.900	1.955	BV	416	3675	0.07%	0.002%
2	1.985	1.955	2.011	PV	444	6904	0.13%	0.003%
3	2.048	2.011	2.113	PV	160166	1663621	31.82%	0.833%
4	2.118	2.113	2.131	VV	237	1941	0.04%	0.001%
5	2.144	2.131	2.159	VV	208	2016	0.04%	0.001%
6	2.162	2.159	2.168	VV	131	457	0.01%	0.000%
7	2.174	2.168	2.182	VV	132	618	0.01%	0.000%
8	2.186	2.182	2.198	VV	113	587	0.01%	0.000%
9	2.207	2.198	2.222	VV	168	909	0.02%	0.000%
10	2.237	2.222	2.249	VV	281	3338	0.06%	0.002%
11	2.255	2.249	2.283	VV	284	3166	0.06%	0.002%
12	2.289	2.283	2.294	PV	77	376	0.01%	0.000%
13	2.322	2.294	2.363	VV	1996	23088	0.44%	0.012%
14	2.406	2.363	2.445	VV	372	11562	0.22%	0.006%
15	2.459	2.445	2.463	VV	413	2199	0.04%	0.001%
16	2.468	2.463	2.473	VV	283	1322	0.03%	0.001%
17	2.478	2.473	2.498	VV	281	3580	0.07%	0.002%
18	2.517	2.498	2.523	VV	296	3599	0.07%	0.002%
19	2.527	2.523	2.536	VV	267	1898	0.04%	0.001%
20	2.540	2.536	2.573	VV	256	4133	0.08%	0.002%
21	2.579	2.573	2.595	VV	250	1975	0.04%	0.001%
22	2.603	2.595	2.608	VV	157	993	0.02%	0.000%
23	2.626	2.608	2.638	VV	400	5018	0.10%	0.003%
24	2.646	2.638	2.695	VV	291	5588	0.11%	0.003%
25	2.735	2.695	2.780	PV	474	11337	0.22%	0.006%
26	2.797	2.780	2.845	VV	262	5847	0.11%	0.003%

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27	2.887	2.845	2.907	VV	248	5863	0.11%	0.003%
28	2.927	2.907	2.934	VV	414	4154	0.08%	0.002%
29	2.958	2.934	3.005	VV	4019	72008	1.38%	0.036%
30	3.010	3.005	3.033	VV	837	10525	0.20%	0.005%
31	3.052	3.033	3.071	VV	653	11035	0.21%	0.006%
32	3.077	3.071	3.085	VV	357	2693	0.05%	0.001%
33	3.089	3.085	3.098	VV	330	2474	0.05%	0.001%
34	3.102	3.098	3.119	VV	378	3335	0.06%	0.002%
35	3.126	3.119	3.147	VV	275	3710	0.07%	0.002%
36	3.161	3.147	3.166	VV	376	2984	0.06%	0.001%
37	3.170	3.166	3.177	VV	320	1979	0.04%	0.001%
38	3.183	3.177	3.209	VV	411	5702	0.11%	0.003%
39	3.221	3.209	3.266	VV	436	8298	0.16%	0.004%
40	3.269	3.266	3.276	VV	144	522	0.01%	0.000%
41	3.282	3.276	3.298	VV	121	1287	0.02%	0.001%
42	3.319	3.298	3.368	VV	801	13809	0.26%	0.007%
43	3.372	3.368	3.377	VV	214	711	0.01%	0.000%
44	3.381	3.377	3.413	VV	157	1736	0.03%	0.001%
45	3.437	3.413	3.449	VV	237	2486	0.05%	0.001%
46	3.453	3.449	3.468	VV	148	972	0.02%	0.000%
47	3.472	3.468	3.489	VV	66	730	0.01%	0.000%
48	3.513	3.489	3.521	VV	131	1548	0.03%	0.001%
49	3.537	3.521	3.566	VV	179	2988	0.06%	0.001%
50	3.570	3.566	3.577	PV	123	386	0.01%	0.000%
51	3.580	3.577	3.587	VV	82	321	0.01%	0.000%
52	3.611	3.587	3.627	VV	325	3970	0.08%	0.002%
53	3.649	3.627	3.653	VV	239	2697	0.05%	0.001%
54	3.669	3.653	3.691	VV	315	5109	0.10%	0.003%
55	3.706	3.691	3.717	VV	214	1894	0.04%	0.001%
56	3.722	3.717	3.744	VV	118	1315	0.03%	0.001%
57	3.776	3.744	3.832	VV	875	22580	0.43%	0.011%
58	3.845	3.832	3.858	VV	226	2896	0.06%	0.001%
59	3.859	3.858	3.875	VV	214	1488	0.03%	0.001%
60	3.907	3.875	3.922	VV	396	6151	0.12%	0.003%
61	3.930	3.922	3.949	VV	316	3297	0.06%	0.002%
62	3.959	3.949	3.969	VV	250	1772	0.03%	0.001%
63	3.979	3.969	3.983	VV	179	1063	0.02%	0.001%
64	4.009	3.983	4.039	VV	596	10289	0.20%	0.005%
65	4.043	4.039	4.076	VV	267	2971	0.06%	0.001%
66	4.088	4.076	4.093	PV	115	554	0.01%	0.000%
67	4.123	4.093	4.156	VV	786	15310	0.29%	0.008%
68	4.172	4.156	4.203	VV	1315	19295	0.37%	0.010%
69	4.225	4.203	4.256	VV	516	9327	0.18%	0.005%
70	4.282	4.256	4.312	VV	4192	72095	1.38%	0.036%

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71	4.324	4.312	4.379	VV	2518	51591	0.99%	0.026%
72	4.390	4.379	4.440	VV	701	16416	0.31%	0.008%
73	4.447	4.440	4.464	VV	370	3930	0.08%	0.002%
74	4.467	4.464	4.471	VV	285	1038	0.02%	0.001%
75	4.473	4.471	4.485	VV	297	1864	0.04%	0.001%
76	4.493	4.485	4.508	VV	221	3004	0.06%	0.002%
77	4.513	4.508	4.516	VV	268	1192	0.02%	0.001%
78	4.539	4.516	4.553	VV	352	6348	0.12%	0.003%
79	4.584	4.553	4.613	VV	194107	1954704	37.38%	0.979%
80	4.620	4.613	4.641	VV	920	9745	0.19%	0.005%
81	4.661	4.641	4.674	VV	494	8071	0.15%	0.004%
82	4.693	4.674	4.724	VV	4488	51691	0.99%	0.026%
83	4.744	4.724	4.791	VV	865	16120	0.31%	0.008%
84	4.813	4.791	4.861	VV	5916	94003	1.80%	0.047%
85	4.869	4.861	4.884	VV	845	10172	0.19%	0.005%
86	4.891	4.884	4.924	VV	666	11218	0.21%	0.006%
87	4.947	4.924	4.965	VV	908	15414	0.29%	0.008%
88	4.972	4.965	5.017	VV	660	15802	0.30%	0.008%
89	5.024	5.017	5.033	VV	454	3705	0.07%	0.002%
90	5.043	5.033	5.051	VV	430	4072	0.08%	0.002%
91	5.090	5.051	5.117	VV	1046	25903	0.50%	0.013%
92	5.120	5.117	5.124	VV	369	1547	0.03%	0.001%
93	5.129	5.124	5.188	VV	385	9373	0.18%	0.005%
94	5.209	5.188	5.215	VV	369	4334	0.08%	0.002%
95	5.219	5.215	5.225	VV	337	1931	0.04%	0.001%
96	5.241	5.225	5.261	VV	460	6326	0.12%	0.003%
97	5.267	5.261	5.277	VV	196	1371	0.03%	0.001%
98	5.292	5.277	5.318	VV	512	8551	0.16%	0.004%
99	5.344	5.318	5.363	VV	836	12980	0.25%	0.006%
100	5.374	5.363	5.393	VV	426	5689	0.11%	0.003%
101	5.404	5.393	5.419	VV	496	5618	0.11%	0.003%
102	5.427	5.419	5.452	VV	457	5394	0.10%	0.003%
103	5.470	5.452	5.512	VV	1693	30443	0.58%	0.015%
104	5.529	5.512	5.577	VV	1610	26444	0.51%	0.013%
105	5.595	5.577	5.599	VV	384	4392	0.08%	0.002%
106	5.602	5.599	5.619	VV	341	2462	0.05%	0.001%
107	5.632	5.619	5.646	VV	614	6490	0.12%	0.003%
108	5.660	5.646	5.705	VV	996	14842	0.28%	0.007%
109	5.728	5.705	5.742	PV	1287	15162	0.29%	0.008%
110	5.773	5.742	5.808	VV	2215	43921	0.84%	0.022%
111	5.819	5.808	5.874	VV	999	16474	0.32%	0.008%
112	5.879	5.874	5.898	VV	128	832	0.02%	0.000%
113	5.915	5.898	5.942	VV	367	4136	0.08%	0.002%

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114	5.998	5.942	6.016	PV	3798	55164	1.05%	0.028%
115	6.038	6.016	6.056	VV	4970	79218	1.52%	0.040%
116	6.062	6.056	6.126	VV	2596	61816	1.18%	0.031%
117	6.137	6.126	6.155	VV	957	14549	0.28%	0.007%
118	6.162	6.155	6.182	VV	657	9894	0.19%	0.005%
119	6.195	6.182	6.209	VV	847	10497	0.20%	0.005%
120	6.215	6.209	6.222	VV	657	4453	0.09%	0.002%
121	6.235	6.222	6.243	VV	756	8192	0.16%	0.004%
122	6.258	6.243	6.277	VV	983	14812	0.28%	0.007%
123	6.298	6.277	6.343	VV	7341	96950	1.85%	0.049%
124	6.348	6.343	6.364	VV	800	7361	0.14%	0.004%
125	6.376	6.364	6.387	VV	627	7133	0.14%	0.004%
126	6.404	6.387	6.433	VV	937	14859	0.28%	0.007%
127	6.449	6.433	6.461	VV	378	4801	0.09%	0.002%
128	6.481	6.461	6.514	VV	491	9745	0.19%	0.005%
129	6.549	6.514	6.573	VV	474	9829	0.19%	0.005%
130	6.599	6.573	6.632	VV	703	13586	0.26%	0.007%
131	6.668	6.632	6.688	VV	760	14195	0.27%	0.007%
132	6.705	6.688	6.736	VV	1523	25002	0.48%	0.013%
133	6.763	6.736	6.815	VV	205125	2056613	39.33%	1.030%
134	6.838	6.815	6.867	VV	1455	24444	0.47%	0.012%
135	6.870	6.867	6.888	VV	279	2896	0.06%	0.001%
136	6.891	6.888	6.900	VV	221	1393	0.03%	0.001%
137	6.917	6.900	6.935	VV	534	6545	0.13%	0.003%
138	6.957	6.935	7.003	VV	659	12692	0.24%	0.006%
139	7.013	7.003	7.021	VV	172	1486	0.03%	0.001%
140	7.043	7.021	7.058	VV	273	3494	0.07%	0.002%
141	7.085	7.058	7.118	PV	2010	39401	0.75%	0.020%
142	7.135	7.118	7.157	VV	2128	32943	0.63%	0.016%
143	7.171	7.157	7.186	VV	1579	21179	0.41%	0.011%
144	7.200	7.186	7.235	VV	1684	34948	0.67%	0.018%
145	7.264	7.235	7.279	VV	1989	39943	0.76%	0.020%
146	7.300	7.279	7.327	VV	2288	54511	1.04%	0.027%
147	7.350	7.327	7.365	VV	2311	44475	0.85%	0.022%
148	7.397	7.365	7.418	VV	9823	137771	2.63%	0.069%
149	7.428	7.418	7.473	VV	1769	37243	0.71%	0.019%
150	7.491	7.473	7.514	VV	1615	25366	0.49%	0.013%
151	7.535	7.514	7.568	VV	14281	151812	2.90%	0.076%
152	7.578	7.568	7.595	VV	588	8362	0.16%	0.004%
153	7.608	7.595	7.621	VV	588	7090	0.14%	0.004%
154	7.635	7.621	7.648	VV	824	9339	0.18%	0.005%
155	7.661	7.648	7.688	VV	674	11307	0.22%	0.006%
156	7.714	7.688	7.762	VV	1552	34122	0.65%	0.017%

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157	7.773	7.762	7.793	VV	670	10410	0.20%	0.005%
158	7.797	7.793	7.807	VV	367	2622	0.05%	0.001%
159	7.818	7.807	7.823	VV	352	2942	0.06%	0.001%
160	7.836	7.823	7.861	VV	462	6802	0.13%	0.003%
161	7.889	7.861	7.913	VV	448	8332	0.16%	0.004%
162	7.923	7.913	7.962	VV	479	8597	0.16%	0.004%
163	7.965	7.962	7.973	VV	151	763	0.01%	0.000%
164	8.000	7.973	8.026	VV	1001	13172	0.25%	0.007%
165	8.031	8.026	8.047	VV	180	1227	0.02%	0.001%
166	8.056	8.047	8.074	VV	227	2038	0.04%	0.001%
167	8.107	8.074	8.112	PV	371	4440	0.08%	0.002%
168	8.142	8.112	8.163	VV	2736	48551	0.93%	0.024%
169	8.172	8.163	8.224	VV	1769	37542	0.72%	0.019%
170	8.243	8.224	8.262	VV	1242	17524	0.34%	0.009%
171	8.301	8.262	8.354	VV	3851	131039	2.51%	0.066%
172	8.368	8.354	8.381	VV	2607	36126	0.69%	0.018%
173	8.396	8.381	8.403	VV	4843	50292	0.96%	0.025%
174	8.416	8.403	8.457	VV	6321	115420	2.21%	0.058%
175	8.470	8.457	8.482	VV	1838	24732	0.47%	0.012%
176	8.516	8.482	8.533	VV	16524	203623	3.89%	0.102%
177	8.545	8.533	8.558	VV	8412	90200	1.73%	0.045%
178	8.597	8.558	8.645	VV	199885	2267192	43.36%	1.135%
179	8.673	8.645	8.679	VV	6888	81099	1.55%	0.041%
180	8.703	8.679	8.750	VV	56107	783162	14.98%	0.392%
181	8.755	8.750	8.777	VV	3118	43155	0.83%	0.022%
182	8.794	8.777	8.821	VV	5584	69975	1.34%	0.035%
183	8.844	8.821	8.878	VV	1039	21090	0.40%	0.011%
184	8.883	8.878	8.892	VV	322	2206	0.04%	0.001%
185	8.907	8.892	8.916	VV	473	5264	0.10%	0.003%
186	8.952	8.916	8.976	VV	1809	35574	0.68%	0.018%
187	9.001	8.976	9.032	VV	21932	242139	4.63%	0.121%
188	9.050	9.032	9.069	VV	3759	53260	1.02%	0.027%
189	9.072	9.069	9.101	VV	1835	25719	0.49%	0.013%
190	9.121	9.101	9.131	VV	1830	25045	0.48%	0.013%
191	9.136	9.131	9.153	VV	1528	18010	0.34%	0.009%
192	9.168	9.153	9.182	VV	2168	27259	0.52%	0.014%
193	9.195	9.182	9.212	VV	1920	28134	0.54%	0.014%
194	9.244	9.212	9.261	VV	5828	107007	2.05%	0.054%
195	9.277	9.261	9.301	VV	8616	105834	2.02%	0.053%
196	9.319	9.301	9.338	VV	4532	69590	1.33%	0.035%
197	9.352	9.338	9.361	VV	3006	37373	0.71%	0.019%
198	9.368	9.361	9.388	VV	2963	36388	0.70%	0.018%
199	9.416	9.388	9.436	VV	7083	104031	1.99%	0.052%
200	9.455	9.436	9.494	VV	9229	135480	2.59%	0.068%

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201	9.513	9.494	9.543	VV	5526	80420	1.54%	0.040%
202	9.570	9.543	9.588	VV	9183	122334	2.34%	0.061%
203	9.603	9.588	9.622	VV	7378	82367	1.58%	0.041%
204	9.656	9.622	9.677	VV	13781	196401	3.76%	0.098%
205	9.687	9.677	9.694	VV	2929	27228	0.52%	0.014%
206	9.708	9.694	9.730	VV	6226	74474	1.42%	0.037%
207	9.751	9.730	9.771	VV	11690	140632	2.69%	0.070%
208	9.791	9.771	9.850	VV	24669	445889	8.53%	0.223%
209	9.871	9.850	9.888	VV	6728	83591	1.60%	0.042%
210	9.938	9.888	9.962	VV	12490	243644	4.66%	0.122%
211	9.975	9.962	9.986	VV	3484	42919	0.82%	0.021%
212	10.002	9.986	10.028	VV	6383	93912	1.80%	0.047%
213	10.071	10.028	10.094	VV	49034	649603	12.42%	0.325%
214	10.114	10.094	10.154	VV	8127	172882	3.31%	0.087%
215	10.167	10.154	10.178	VV	3418	40990	0.78%	0.021%
216	10.206	10.178	10.260	VV	191837	2271140	43.43%	1.137%
217	10.291	10.260	10.305	VV	3026	65595	1.25%	0.033%
218	10.312	10.305	10.345	VV	2770	40699	0.78%	0.020%
219	10.376	10.345	10.401	VV	2248	43172	0.83%	0.022%
220	10.415	10.401	10.433	VV	1890	19916	0.38%	0.010%
221	10.460	10.433	10.473	PV	1243	16615	0.32%	0.008%
222	10.489	10.473	10.522	VV	1761	31894	0.61%	0.016%
223	10.544	10.522	10.575	VV	5703	86688	1.66%	0.043%
224	10.592	10.575	10.609	VV	1649	20729	0.40%	0.010%
225	10.651	10.609	10.662	VV	7246	125805	2.41%	0.063%
226	10.678	10.662	10.700	VV	13353	187771	3.59%	0.094%
227	10.717	10.700	10.751	VV	11171	146740	2.81%	0.073%
228	10.771	10.751	10.778	VV	3093	35434	0.68%	0.018%
229	10.796	10.778	10.826	VV	11525	203832	3.90%	0.102%
230	10.847	10.826	10.898	VV	19793	327756	6.27%	0.164%
231	10.964	10.898	10.978	VV	8022	237758	4.55%	0.119%
232	11.001	10.978	11.041	VV	20958	330751	6.33%	0.166%
233	11.073	11.041	11.083	VV	3297	57272	1.10%	0.029%
234	11.096	11.083	11.113	VV	3527	44760	0.86%	0.022%
235	11.128	11.113	11.151	VV	2157	41051	0.79%	0.021%
236	11.168	11.151	11.176	VV	4667	46625	0.89%	0.023%
237	11.201	11.176	11.244	VV	232335	2555202	48.87%	1.280%
238	11.275	11.244	11.319	VV	82112	1004807	19.22%	0.503%
239	11.327	11.319	11.343	VV	2829	33505	0.64%	0.017%
240	11.352	11.343	11.363	VV	1755	18204	0.35%	0.009%
241	11.376	11.363	11.397	VV	1614	25905	0.50%	0.013%
242	11.406	11.397	11.426	VV	957	10898	0.21%	0.005%
243	11.448	11.426	11.469	PV	2723	38971	0.75%	0.020%

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244	11.490	11.469	11.533	VV	19025	279857	5.35%	0.140%
245	11.562	11.533	11.578	VV	3759	70660	1.35%	0.035%
246	11.594	11.578	11.616	VV	5165	82497	1.58%	0.041%
247	11.652	11.616	11.678	VV	184565	2186967	41.83%	1.095%
248	11.694	11.678	11.704	VV	8654	113276	2.17%	0.057%
249	11.725	11.704	11.771	VV	24409	418182	8.00%	0.209%
250	11.803	11.771	11.824	VV	6866	129922	2.48%	0.065%
251	11.854	11.824	11.876	VV	19086	272486	5.21%	0.136%
252	11.895	11.876	11.940	VV	9364	176081	3.37%	0.088%
253	11.956	11.940	11.973	VV	4215	55682	1.06%	0.028%
254	12.005	11.973	12.020	VV	51360	647679	12.39%	0.324%
255	12.036	12.020	12.064	VV	58992	652752	12.48%	0.327%
256	12.069	12.064	12.079	VV	1577	13514	0.26%	0.007%
257	12.120	12.079	12.136	VV	39562	691698	13.23%	0.346%
258	12.154	12.136	12.168	VV	43854	511220	9.78%	0.256%
259	12.184	12.168	12.216	VV	52718	636151	12.17%	0.319%
260	12.230	12.216	12.240	VV	1074	12496	0.24%	0.006%
261	12.263	12.240	12.285	VV	3635	51569	0.99%	0.026%
262	12.327	12.285	12.338	PV	4238	82540	1.58%	0.041%
263	12.364	12.338	12.383	VV	24921	322530	6.17%	0.162%
264	12.406	12.383	12.451	VV	11205	235850	4.51%	0.118%
265	12.478	12.451	12.496	VV	20810	265600	5.08%	0.133%
266	12.508	12.496	12.523	VV	10282	125177	2.39%	0.063%
267	12.540	12.523	12.554	VV	13966	177882	3.40%	0.089%
268	12.579	12.554	12.608	VV	109988	1412593	27.02%	0.707%
269	12.625	12.608	12.634	VV	8203	110082	2.11%	0.055%
270	12.655	12.634	12.671	VV	11004	180426	3.45%	0.090%
271	12.686	12.671	12.698	VV	10416	129894	2.48%	0.065%
272	12.708	12.698	12.720	VV	8603	98706	1.89%	0.049%
273	12.732	12.720	12.739	VV	7900	85146	1.63%	0.043%
274	12.757	12.739	12.780	VV	10395	202030	3.86%	0.101%
275	12.798	12.780	12.838	VV	19818	347302	6.64%	0.174%
276	12.860	12.838	12.886	VV	19308	310935	5.95%	0.156%
277	12.909	12.886	12.928	VV	53999	705566	13.49%	0.353%
278	12.967	12.928	12.996	VV	195535	2764903	52.88%	1.385%
279	13.028	12.996	13.073	VV	263901	3172125	60.67%	1.588%
280	13.085	13.073	13.103	VV	1598	17433	0.33%	0.009%
281	13.122	13.103	13.139	VV	6455	89804	1.72%	0.045%
282	13.161	13.139	13.195	VV	26779	470301	8.99%	0.236%
283	13.212	13.195	13.227	VV	24176	314037	6.01%	0.157%
284	13.233	13.227	13.251	VV	14307	174309	3.33%	0.087%
285	13.267	13.251	13.298	VV	14289	260892	4.99%	0.131%
286	13.327	13.298	13.355	VV	241144	2783084	53.23%	1.394%

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287	13.380	13.355	13.396	VV	19680	286184	5.47%	0.143%
288	13.413	13.396	13.445	VV	22367	339053	6.48%	0.170%
289	13.462	13.445	13.480	VV	6317	102198	1.95%	0.051%
290	13.498	13.480	13.513	VV	10985	154583	2.96%	0.077%
291	13.527	13.513	13.553	VV	9853	148476	2.84%	0.074%
292	13.596	13.553	13.638	PV	14420	372917	7.13%	0.187%
293	13.659	13.638	13.693	VV	19013	330227	6.32%	0.165%
294	13.722	13.693	13.738	VV	15585	248157	4.75%	0.124%
295	13.751	13.738	13.764	VV	12350	168160	3.22%	0.084%
296	13.784	13.764	13.797	VV	26219	379349	7.25%	0.190%
297	13.808	13.797	13.863	VV	24165	461992	8.84%	0.231%
298	13.915	13.863	13.952	VV	60042	1135960	21.72%	0.569%
299	13.965	13.952	13.971	VV	7410	76760	1.47%	0.038%
300	13.982	13.971	14.000	VV	8201	107902	2.06%	0.054%
301	14.024	14.000	14.042	VV	30316	403723	7.72%	0.202%
302	14.062	14.042	14.087	VV	38264	524807	10.04%	0.263%
303	14.103	14.087	14.127	VV	10549	195730	3.74%	0.098%
304	14.169	14.127	14.214	VV	172022	2858552	54.67%	1.431%
305	14.233	14.214	14.274	VV	34753	452062	8.65%	0.226%
306	14.305	14.274	14.330	VV	5108	95331	1.82%	0.048%
307	14.349	14.330	14.360	VV	2777	33600	0.64%	0.017%
308	14.380	14.360	14.409	VV	4350	87175	1.67%	0.044%
309	14.426	14.409	14.458	VV	2344	42007	0.80%	0.021%
310	14.503	14.458	14.516	PV	3806	60358	1.15%	0.030%
311	14.536	14.516	14.550	VV	5062	70186	1.34%	0.035%
312	14.558	14.550	14.571	VV	3556	37539	0.72%	0.019%
313	14.590	14.571	14.595	VV	5689	62589	1.20%	0.031%
314	14.622	14.595	14.632	VV	13714	246284	4.71%	0.123%
315	14.653	14.632	14.695	VV	27827	470713	9.00%	0.236%
316	14.735	14.695	14.740	VV	12175	193590	3.70%	0.097%
317	14.755	14.740	14.803	VV	15227	345962	6.62%	0.173%
318	14.833	14.803	14.851	VV	34325	564846	10.80%	0.283%
319	14.857	14.851	14.873	VV	14921	165132	3.16%	0.083%
320	14.896	14.873	14.916	VV	44046	604162	11.55%	0.303%
321	14.958	14.916	14.993	VV	28279	535870	10.25%	0.268%
322	15.018	14.993	15.038	VV	10100	154860	2.96%	0.078%
323	15.071	15.038	15.117	VV	96968	1529609	29.25%	0.766%
324	15.131	15.117	15.135	PV	887	6005	0.11%	0.003%
325	15.161	15.135	15.178	VV	17970	219711	4.20%	0.110%
326	15.208	15.178	15.228	VV	98847	1349010	25.80%	0.676%
327	15.251	15.228	15.261	VV	118877	1524445	29.15%	0.763%
328	15.275	15.261	15.310	VV	155098	2063491	39.46%	1.033%
329	15.315	15.310	15.333	VV	4228	46415	0.89%	0.023%
330	15.369	15.333	15.398	VV	28917	525939	10.06%	0.263%

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331	15.413	15.398	15.431	VV	13460	199394	3.81%	0.100%
332	15.452	15.431	15.480	VV	9480	174970	3.35%	0.088%
333	15.517	15.480	15.548	PV	19773	434477	8.31%	0.218%
334	15.568	15.548	15.604	VV	13332	277602	5.31%	0.139%
335	15.625	15.604	15.629	VV	8197	100012	1.91%	0.050%
336	15.658	15.629	15.717	VV	54749	1209712	23.14%	0.606%
337	15.722	15.717	15.738	VV	2619	26490	0.51%	0.013%
338	15.763	15.738	15.769	VV	4871	67415	1.29%	0.034%
339	15.799	15.769	15.823	VV	11185	212617	4.07%	0.106%
340	15.840	15.823	15.855	VV	9190	127039	2.43%	0.064%
341	15.884	15.855	15.905	VV	45692	670287	12.82%	0.336%
342	15.922	15.905	15.952	VV	22187	325462	6.22%	0.163%
343	15.969	15.952	15.981	VV	8014	114645	2.19%	0.057%
344	16.051	15.981	16.085	VV	28481	877518	16.78%	0.439%
345	16.099	16.085	16.106	VV	4381	48758	0.93%	0.024%
346	16.124	16.106	16.150	VV	7783	138935	2.66%	0.070%
347	16.172	16.150	16.192	VV	5065	104301	1.99%	0.052%
348	16.208	16.192	16.226	VV	7322	111528	2.13%	0.056%
349	16.254	16.226	16.268	VV	7928	144135	2.76%	0.072%
350	16.300	16.268	16.346	VV	150744	2142679	40.98%	1.073%
351	16.354	16.346	16.376	VV	4154	51861	0.99%	0.026%
352	16.394	16.376	16.399	VV	2463	29538	0.56%	0.015%
353	16.415	16.399	16.431	VV	3145	40570	0.78%	0.020%
354	16.438	16.431	16.444	VV	452	2930	0.06%	0.001%
355	16.495	16.444	16.513	PV	10279	211332	4.04%	0.106%
356	16.524	16.513	16.541	VV	6239	75658	1.45%	0.038%
357	16.560	16.541	16.568	VV	7217	85115	1.63%	0.043%
358	16.597	16.568	16.621	VV	16034	330924	6.33%	0.166%
359	16.649	16.621	16.657	VV	7598	145354	2.78%	0.073%
360	16.684	16.657	16.726	VV	23385	569701	10.90%	0.285%
361	16.775	16.726	16.794	VV	97816	1557229	29.78%	0.780%
362	16.799	16.794	16.844	VV	43011	455487	8.71%	0.228%
363	16.860	16.844	16.877	VV	4833	71490	1.37%	0.036%
364	16.904	16.877	16.931	VV	26684	404590	7.74%	0.203%
365	16.954	16.931	16.986	VV	7442	150919	2.89%	0.076%
366	17.024	16.986	17.036	VV	6594	110692	2.12%	0.055%
367	17.095	17.036	17.123	VV	66701	1246973	23.85%	0.624%
368	17.154	17.123	17.195	VV	84853	1132478	21.66%	0.567%
369	17.255	17.195	17.289	VV	168020	2462847	47.10%	1.233%
370	17.331	17.289	17.349	VV	12064	334184	6.39%	0.167%
371	17.412	17.349	17.440	VV	13973	532823	10.19%	0.267%
372	17.464	17.440	17.479	VV	10698	203977	3.90%	0.102%
373	17.521	17.479	17.593	VV	24482	931059	17.81%	0.466%

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374	17.627	17.593	17.645	VV	27010	551396	10.55%	0.276%
375	17.654	17.645	17.670	VV	24423	322470	6.17%	0.161%
376	17.682	17.670	17.693	VV	21526	269725	5.16%	0.135%
377	17.703	17.693	17.725	VV	21068	319995	6.12%	0.160%
378	17.741	17.725	17.757	VV	15223	239404	4.58%	0.120%
379	17.774	17.757	17.791	VV	12610	223307	4.27%	0.112%
380	17.817	17.791	17.841	VV	21681	475984	9.10%	0.238%
381	17.859	17.841	17.872	VV	13918	237759	4.55%	0.119%
382	17.879	17.872	17.897	VV	11901	153928	2.94%	0.077%
383	17.912	17.897	17.917	VV	11195	120664	2.31%	0.060%
384	17.937	17.917	17.957	VV	11169	240566	4.60%	0.120%
385	17.966	17.957	17.981	VV	8788	112424	2.15%	0.056%
386	17.999	17.981	18.015	VV	11841	205454	3.93%	0.103%
387	18.042	18.015	18.057	VV	12619	293133	5.61%	0.147%
388	18.063	18.057	18.069	VV	12925	82161	1.57%	0.041%
389	18.084	18.069	18.089	VV	14436	160737	3.07%	0.080%
390	18.146	18.089	18.176	VV	156991	2784459	53.25%	1.394%
391	18.182	18.176	18.185	VV	12144	64946	1.24%	0.033%
392	18.234	18.185	18.240	VV	18721	508620	9.73%	0.255%
393	18.253	18.240	18.270	VV	19203	307224	5.88%	0.154%
394	18.296	18.270	18.300	VV	22204	339101	6.49%	0.170%
395	18.325	18.300	18.357	VV	24888	728404	13.93%	0.365%
396	18.383	18.357	18.413	VV	24506	638111	12.20%	0.320%
397	18.440	18.413	18.456	VV	31991	594121	11.36%	0.298%
398	18.468	18.456	18.484	VV	21568	340425	6.51%	0.170%
399	18.530	18.484	18.552	VV	82104	1894876	36.24%	0.949%
400	18.570	18.552	18.602	VV	48854	964630	18.45%	0.483%
401	18.615	18.602	18.639	VV	21446	435582	8.33%	0.218%
402	18.663	18.639	18.680	VV	39413	722519	13.82%	0.362%
403	18.698	18.680	18.755	VV	36267	1217550	23.29%	0.610%
404	18.787	18.755	18.812	VV	81936	1448815	27.71%	0.726%
405	18.828	18.812	18.842	VV	25304	421707	8.07%	0.211%
406	18.848	18.842	18.855	VV	23161	181428	3.47%	0.091%
407	18.869	18.855	18.883	VV	28367	434824	8.32%	0.218%
408	18.918	18.883	18.940	VV	40515	1064270	20.35%	0.533%
409	18.943	18.940	18.948	VV	27381	133668	2.56%	0.067%
410	18.982	18.948	19.022	VV	173706	3243405	62.03%	1.624%
411	19.025	19.022	19.038	VV	28050	251780	4.82%	0.126%
412	19.045	19.038	19.063	VV	26166	371096	7.10%	0.186%
413	19.089	19.063	19.112	VV	34979	897142	17.16%	0.449%
414	19.116	19.112	19.122	VV	29071	170976	3.27%	0.086%
415	19.138	19.122	19.162	VV	32566	746615	14.28%	0.374%
416	19.180	19.162	19.184	VV	30686	380751	7.28%	0.191%

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417	19.197	19.184	19.203	VV	31071	347647	6.65%	0.174%
418	19.221	19.203	19.237	VV	37768	693879	13.27%	0.347%
419	19.242	19.237	19.245	VV	30758	128620	2.46%	0.064%
420	19.258	19.245	19.265	VV	35299	404352	7.73%	0.202%
421	19.271	19.265	19.278	VV	34770	253076	4.84%	0.127%
422	19.301	19.278	19.322	VV	45656	1057186	20.22%	0.529%
423	19.343	19.322	19.432	VV	62962	3129117	59.84%	1.567%
424	19.472	19.432	19.494	VV	48692	1502590	28.74%	0.752%
425	19.502	19.494	19.536	VV	41369	970662	18.56%	0.486%
426	19.561	19.536	19.567	VV	37560	658291	12.59%	0.330%
427	19.592	19.567	19.608	VV	39773	937696	17.93%	0.470%
428	19.647	19.608	19.680	VV	46399	1797665	34.38%	0.900%
429	19.684	19.680	19.700	VV	40662	476894	9.12%	0.239%
430	19.771	19.700	19.818	VV	195046	5228843	100.00%	2.618%
431	19.831	19.818	19.849	VV	48626	821852	15.72%	0.412%
432	19.886	19.849	19.917	VV	53533	1879657	35.95%	0.941%
433	19.952	19.917	19.991	VV	76869	2591969	49.57%	1.298%
434	20.018	19.991	20.038	VV	71001	1736242	33.21%	0.869%
435	20.042	20.038	20.046	VV	53653	252638	4.83%	0.127%
436	20.054	20.046	20.073	VV	55421	870000	16.64%	0.436%
437	20.078	20.073	20.089	VV	54121	507358	9.70%	0.254%
438	20.123	20.089	20.172	VV	68889	2987279	57.13%	1.496%
439	20.178	20.172	20.190	VV	52440	524108	10.02%	0.262%
440	20.211	20.190	20.217	VV	52313	837976	16.03%	0.420%
441	20.226	20.217	20.263	VV	54245	1410833	26.98%	0.706%
442	20.268	20.263	20.277	VV	49129	385265	7.37%	0.193%
443	20.329	20.277	20.355	VV	83261	3147010	60.19%	1.576%
444	20.359	20.355	20.363	VV	60741	297662	5.69%	0.149%
445	20.392	20.363	20.408	VV	72222	1807095	34.56%	0.905%
446	20.414	20.408	20.442	VV	68905	1346594	25.75%	0.674%
447	20.449	20.442	20.455	VV	62335	473495	9.06%	0.237%
448	20.467	20.455	20.479	VV	65797	928264	17.75%	0.465%
449	20.513	20.479	20.551	VV	218346	4925645	94.20%	2.467%
450	20.555	20.551	20.559	VV	60311	298198	5.70%	0.149%
451	20.573	20.559	20.582	VV	63721	837790	16.02%	0.420%
452	20.590	20.582	20.597	VV	65058	583712	11.16%	0.292%
453	20.619	20.597	20.623	VV	66854	1035865	19.81%	0.519%
454	20.676	20.623	20.693	VV	75085	2919854	55.84%	1.462%
455	20.697	20.693	20.702	VV	69459	363846	6.96%	0.182%
456	20.709	20.702	20.740	VV	68929	1522034	29.11%	0.762%
457	20.748	20.740	20.756	VV	62891	599791	11.47%	0.300%
458	20.760	20.756	20.775	VV	62143	686034	13.12%	0.344%
459	20.785	20.775	20.807	VV	60795	1119378	21.41%	0.561%
460	20.821	20.807	20.828	VV	59856	769891	14.72%	0.386%

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461	20.839	20.828	20.860	VV	60910	1130439	21.62%	0.566%
462	20.863	20.860	20.869	VV	59212	300079	5.74%	0.150%
463	20.878	20.869	20.882	VV	58799	473860	9.06%	0.237%
464	20.894	20.882	20.904	VV	61263	784835	15.01%	0.393%
465	20.924	20.904	20.947	VV	62741	1523835	29.14%	0.763%
466	20.950	20.947	20.961	VV	56763	476599	9.11%	0.239%
467	20.982	20.961	21.006	VV	60189	1577299	30.17%	0.790%
468	21.014	21.006	21.041	VV	58303	1175729	22.49%	0.589%
469	21.046	21.041	21.053	VV	52194	343098	6.56%	0.172%
470	21.056	21.053	21.083	VV	51506	903623	17.28%	0.452%
471	21.089	21.083	21.095	VV	49106	331254	6.34%	0.166%
472	21.102	21.095	21.106	VV	49292	322587	6.17%	0.162%
473	21.127	21.106	21.136	VV	50420	883033	16.89%	0.442%
474	21.144	21.136	21.162	VV	49824	758632	14.51%	0.380%
475	21.165	21.162	21.186	VV	48378	695933	13.31%	0.348%
476	21.201	21.186	21.209	VV	46386	626134	11.97%	0.314%
477	21.217	21.209	21.223	VV	46797	390138	7.46%	0.195%
478	21.274	21.223	21.332	VV	162126	4940618	94.49%	2.474%
479	21.345	21.332	21.362	VV	40140	686192	13.12%	0.344%
480	21.378	21.362	21.416	VV	39710	1219560	23.32%	0.611%
481	21.423	21.416	21.447	VV	35644	630362	12.06%	0.316%
482	21.466	21.447	21.495	VV	37482	1020941	19.53%	0.511%
483	21.521	21.495	21.528	VV	37967	722023	13.81%	0.362%
484	21.541	21.528	21.562	VV	38411	734715	14.05%	0.368%
485	21.566	21.562	21.578	VV	35953	352359	6.74%	0.176%
486	21.584	21.578	21.609	VV	36316	601842	11.51%	0.301%
487	21.616	21.609	21.623	VV	31260	258168	4.94%	0.129%
488	21.627	21.623	21.647	VV	29835	396308	7.58%	0.198%
489	21.651	21.647	21.699	VV	28245	777325	14.87%	0.389%
490	21.760	21.699	21.795	VV	33529	1662451	31.79%	0.832%
491	21.803	21.795	21.828	VV	28284	518318	9.91%	0.260%
492	21.839	21.828	21.860	VV	25534	459043	8.78%	0.230%
493	21.881	21.860	21.898	VV	25188	549013	10.50%	0.275%
494	21.912	21.898	21.918	VV	23350	259897	4.97%	0.130%
495	21.928	21.918	21.933	VV	24140	222494	4.26%	0.111%
496	21.938	21.933	21.959	VV	23252	335913	6.42%	0.168%
497	21.982	21.959	22.012	VV	22468	650208	12.44%	0.326%
498	22.028	22.012	22.046	VV	18697	374246	7.16%	0.187%
499	22.077	22.046	22.117	VV	22945	728154	13.93%	0.365%
500	22.154	22.117	22.172	VV	19357	505951	9.68%	0.253%
501	22.226	22.172	22.297	VV	98013	2953861	56.49%	1.479%
502	22.301	22.297	22.307	VV	6163	37443	0.72%	0.019%
503	22.313	22.307	22.335	VV	6610	83148	1.59%	0.042%

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504	22.342	22.335	22.347	VV	3662	22902	0.44%	0.011%
505	22.355	22.347	22.368	VV	4421	36183	0.69%	0.018%
506	22.373	22.368	22.393	VV	2823	23436	0.45%	0.012%
						Sum of corrected areas:	199698722	

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