

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102622\
 Data File : FE038327.D
 Signal(s) : FID1B.ch
 Acq On : 26 Oct 2022 18:49
 Sample : N5234-08 50X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE102522.M
 Title :

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.030	2.005	2.048	BV	97	862	0.02%	0.000%
2	2.064	2.048	2.095	VV	124	1415	0.03%	0.001%
3	2.134	2.095	2.170	PV	123	3260	0.08%	0.002%
4	2.183	2.170	2.189	VV	139	1281	0.03%	0.001%
5	2.195	2.189	2.231	VV	163	4279	0.10%	0.002%
6	2.294	2.231	2.374	VV	349	18850	0.46%	0.009%
7	2.399	2.374	2.422	VV	222	4945	0.12%	0.002%
8	2.466	2.422	2.508	VV	548	14147	0.34%	0.007%
9	2.526	2.508	2.548	PV	111	1594	0.04%	0.001%
10	2.565	2.548	2.585	VV	119	1144	0.03%	0.001%
11	2.608	2.585	2.659	VV	92	2273	0.05%	0.001%
12	2.676	2.659	2.688	PV	142	1423	0.03%	0.001%
13	2.699	2.688	2.738	VV	167	3371	0.08%	0.002%
14	2.747	2.738	2.767	VV	162	1305	0.03%	0.001%
15	2.779	2.767	2.785	VV	127	892	0.02%	0.000%
16	2.826	2.785	2.849	VV	249	6137	0.15%	0.003%
17	2.858	2.849	2.868	VV	175	1710	0.04%	0.001%
18	2.875	2.868	2.895	VV	198	2515	0.06%	0.001%
19	2.952	2.895	3.000	VV	224	11798	0.28%	0.006%
20	3.026	3.000	3.061	VV	1152	21892	0.53%	0.011%
21	3.075	3.061	3.098	VV	491	7435	0.18%	0.004%
22	3.145	3.098	3.178	VV	695	24979	0.60%	0.012%
23	3.189	3.178	3.205	VV	738	10771	0.26%	0.005%
24	3.229	3.205	3.246	VV	689	15703	0.38%	0.008%
25	3.344	3.246	3.354	VV	920	46776	1.13%	0.023%
26	3.394	3.354	3.445	VV	946	48111	1.16%	0.023%
27	3.452	3.445	3.459	VV	894	7849	0.19%	0.004%
28	3.469	3.459	3.477	VV	961	9524	0.23%	0.005%
29	3.501	3.477	3.514	VV	982	21199	0.51%	0.010%
30	3.646	3.514	3.675	VV	1183	99460	2.40%	0.048%
31	3.691	3.675	3.734	VV	1158	38550	0.93%	0.019%
32	3.749	3.734	3.802	VV	1140	42632	1.03%	0.021%
33	3.824	3.802	3.842	VV	1084	24882	0.60%	0.012%
34	3.847	3.842	3.898	VV	1058	32922	0.79%	0.016%
35	3.907	3.898	3.945	VV	1047	26163	0.63%	0.013%
36	3.969	3.945	3.982	VV	900	20137	0.49%	0.010%

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37	4.018	3.982	4.051	VV	980	37066	0.89%	0.018%
38	4.103	4.051	4.145	VV	1410	59356	1.43%	0.029%
39	4.168	4.145	4.225	VV	1250	51629	1.25%	0.025%
40	4.241	4.225	4.268	VV	1058	25406	0.61%	0.012%
41	4.282	4.268	4.310	VV	996	24224	0.58%	0.012%
42	4.334	4.310	4.359	VV	1594	36957	0.89%	0.018%
43	4.374	4.359	4.398	VV	1256	26826	0.65%	0.013%
44	4.403	4.398	4.413	VV	1048	9544	0.23%	0.005%
45	4.430	4.413	4.438	VV	1083	15798	0.38%	0.008%
46	4.444	4.438	4.451	VV	1034	8160	0.20%	0.004%
47	4.517	4.451	4.528	VV	1080	46053	1.11%	0.022%
48	4.548	4.528	4.581	VV	993	30714	0.74%	0.015%
49	4.593	4.581	4.605	VV	1004	13403	0.32%	0.006%
50	4.633	4.605	4.651	VV	1043	27119	0.65%	0.013%
51	4.662	4.651	4.678	VV	1321	15692	0.38%	0.008%
52	4.698	4.678	4.721	VV	974	23819	0.58%	0.011%
53	4.724	4.721	4.741	VV	947	10188	0.25%	0.005%
54	4.753	4.741	4.781	VV	864	18956	0.46%	0.009%
55	4.790	4.781	4.796	VV	780	6732	0.16%	0.003%
56	4.824	4.796	4.838	VV	1053	23404	0.57%	0.011%
57	4.861	4.838	4.895	VV	1815	41212	0.99%	0.020%
58	4.914	4.895	4.928	VV	1093	19514	0.47%	0.009%
59	4.933	4.928	4.948	VV	1052	11769	0.28%	0.006%
60	4.974	4.948	4.994	VV	1030	27050	0.65%	0.013%
61	5.019	4.994	5.036	VV	1075	24905	0.60%	0.012%
62	5.046	5.036	5.124	VV	1077	49089	1.19%	0.024%
63	5.132	5.124	5.187	VV	868	28542	0.69%	0.014%
64	5.197	5.187	5.223	VV	742	14610	0.35%	0.007%
65	5.244	5.223	5.281	VV	674	21921	0.53%	0.011%
66	5.302	5.281	5.315	VV	701	12431	0.30%	0.006%
67	5.333	5.315	5.356	VV	655	14839	0.36%	0.007%
68	5.383	5.356	5.399	VV	715	15923	0.38%	0.008%
69	5.410	5.399	5.451	VV	576	16925	0.41%	0.008%
70	5.461	5.451	5.488	VV	523	10565	0.26%	0.005%
71	5.511	5.488	5.526	VV	670	13102	0.32%	0.006%
72	5.534	5.526	5.568	VV	483	11586	0.28%	0.006%
73	5.580	5.568	5.606	VV	553	10399	0.25%	0.005%
74	5.625	5.606	5.688	VV	502	20067	0.48%	0.010%
75	5.703	5.688	5.735	VV	402	10143	0.24%	0.005%
76	5.767	5.735	5.800	VV	522	15703	0.38%	0.008%
77	5.815	5.800	5.845	VV	507	10753	0.26%	0.005%
78	5.851	5.845	5.858	VV	342	2742	0.07%	0.001%
79	5.883	5.858	5.935	VV	560	19197	0.46%	0.009%
80	5.957	5.935	6.008	VV	1134	32558	0.79%	0.016%
81	6.032	6.008	6.064	VV	719	21115	0.51%	0.010%
82	6.077	6.064	6.130	VV	684	20823	0.50%	0.010%
83	6.150	6.130	6.175	VV	671	14249	0.34%	0.007%
84	6.186	6.175	6.261	VV	542	23396	0.56%	0.011%
85	6.295	6.261	6.317	VV	478	14165	0.34%	0.007%
86	6.334	6.317	6.378	VV	984	19976	0.48%	0.010%
87	6.386	6.378	6.421	VV	476	9699	0.23%	0.005%
88	6.451	6.421	6.475	VV	707	16520	0.40%	0.008%
89	6.492	6.475	6.520	VV	535	12129	0.29%	0.006%

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90	6.530	6.520	6.546	VV	401	6148	0.15%	0.003%
91	6.558	6.546	6.573	VV	382	5547	0.13%	0.003%
92	6.592	6.573	6.612	VV	413	8337	0.20%	0.004%
93	6.622	6.612	6.702	VV	352	14223	0.34%	0.007%
94	6.708	6.702	6.715	VV	256	1764	0.04%	0.001%
95	6.742	6.715	6.775	VV	310	7628	0.18%	0.004%
96	6.792	6.775	6.871	VV	216	9138	0.22%	0.004%
97	6.942	6.871	6.968	VV	251	8791	0.21%	0.004%
98	6.982	6.968	7.014	VV	218	3439	0.08%	0.002%
99	7.024	7.014	7.087	PV	133	3817	0.09%	0.002%
100	7.125	7.087	7.145	VV	453	9017	0.22%	0.004%
101	7.169	7.145	7.187	VV	271	6328	0.15%	0.003%
102	7.198	7.187	7.213	VV	387	4266	0.10%	0.002%
103	7.255	7.213	7.262	VV	310	7666	0.19%	0.004%
104	7.300	7.262	7.315	VV	580	12919	0.31%	0.006%
105	7.364	7.315	7.401	VV	905	31752	0.77%	0.015%
106	7.425	7.401	7.448	VV	2885	34705	0.84%	0.017%
107	7.509	7.448	7.540	VV	535	20976	0.51%	0.010%
108	7.563	7.540	7.595	VV	3751	38469	0.93%	0.019%
109	7.634	7.595	7.681	VV	247	7817	0.19%	0.004%
110	7.689	7.681	7.715	VV	197	2671	0.06%	0.001%
111	7.745	7.715	7.765	VV	176	3206	0.08%	0.002%
112	7.803	7.765	7.838	VV	186	3766	0.09%	0.002%
113	7.907	7.838	7.951	VV	226	6488	0.16%	0.003%
114	8.029	7.951	8.065	PV	479	11748	0.28%	0.006%
115	8.077	8.065	8.104	VV	180	2979	0.07%	0.001%
116	8.165	8.104	8.239	PV	738	23193	0.56%	0.011%
117	8.261	8.239	8.288	VV	294	4583	0.11%	0.002%
118	8.321	8.288	8.341	VV	1344	21736	0.52%	0.010%
119	8.353	8.341	8.377	VV	730	11917	0.29%	0.006%
120	8.432	8.377	8.475	VV	2429	60614	1.46%	0.029%
121	8.538	8.475	8.554	VV	6243	87252	2.11%	0.042%
122	8.566	8.554	8.583	VV	3657	40333	0.97%	0.019%
123	8.593	8.583	8.648	VV	1451	36297	0.88%	0.018%
124	8.658	8.648	8.669	VV	587	7038	0.17%	0.003%
125	8.696	8.669	8.709	VV	2767	43288	1.05%	0.021%
126	8.724	8.709	8.765	VV	3062	71597	1.73%	0.035%
127	8.777	8.765	8.798	VV	2235	32007	0.77%	0.015%
128	8.814	8.798	8.846	VV	1965	25574	0.62%	0.012%
129	8.865	8.846	8.935	VV	711	17241	0.42%	0.008%
130	8.984	8.935	8.996	PV	910	15006	0.36%	0.007%
131	9.021	8.996	9.048	VV	4255	52942	1.28%	0.026%
132	9.076	9.048	9.106	VV	2296	42967	1.04%	0.021%
133	9.133	9.106	9.175	VV	2799	55744	1.35%	0.027%
134	9.186	9.175	9.205	VV	518	5776	0.14%	0.003%
135	9.215	9.205	9.225	VV	478	4351	0.11%	0.002%
136	9.264	9.225	9.285	VV	2731	43011	1.04%	0.021%
137	9.298	9.285	9.319	VV	1275	15678	0.38%	0.008%
138	9.339	9.319	9.351	VV	1298	17626	0.43%	0.009%
139	9.368	9.351	9.414	VV	1669	39005	0.94%	0.019%
140	9.434	9.414	9.452	VV	2260	25651	0.62%	0.012%
141	9.474	9.452	9.515	VV	2823	37923	0.92%	0.018%

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142	9.532	9.515	9.558	VV	656	8991	0.22%	0.004%
143	9.591	9.558	9.607	PV	2725	31721	0.77%	0.015%
144	9.622	9.607	9.641	VV	2181	22904	0.55%	0.011%
145	9.676	9.641	9.698	VV	839	17513	0.42%	0.008%
146	9.728	9.698	9.746	VV	2393	32791	0.79%	0.016%
147	9.769	9.746	9.786	VV	1108	20072	0.48%	0.010%
148	9.810	9.786	9.825	VV	5654	66553	1.61%	0.032%
149	9.835	9.825	9.866	VV	3392	40772	0.98%	0.020%
150	9.890	9.866	9.942	VV	2564	66268	1.60%	0.032%
151	9.961	9.942	9.980	VV	3256	45105	1.09%	0.022%
152	9.990	9.980	10.005	VV	1424	16308	0.39%	0.008%
153	10.020	10.005	10.057	VV	2230	34674	0.84%	0.017%
154	10.071	10.057	10.080	VV	553	6461	0.16%	0.003%
155	10.099	10.080	10.115	VV	729	11795	0.28%	0.006%
156	10.133	10.115	10.175	VV	1821	37835	0.91%	0.018%
157	10.188	10.175	10.203	VV	766	10401	0.25%	0.005%
158	10.231	10.203	10.245	VV	1403	25145	0.61%	0.012%
159	10.256	10.245	10.285	VV	1405	18045	0.44%	0.009%
160	10.331	10.285	10.359	VV	813	17110	0.41%	0.008%
161	10.395	10.359	10.450	PV	854	20730	0.50%	0.010%
162	10.500	10.450	10.515	VV	452	5478	0.13%	0.003%
163	10.557	10.515	10.590	PV	1235	25155	0.61%	0.012%
164	10.611	10.590	10.632	VV	1284	20167	0.49%	0.010%
165	10.692	10.632	10.714	VV	4307	106483	2.57%	0.051%
166	10.733	10.714	10.775	VV	3718	63704	1.54%	0.031%
167	10.810	10.775	10.844	VV	3627	77718	1.88%	0.037%
168	10.865	10.844	10.922	VV	3473	92608	2.24%	0.045%
169	10.949	10.922	10.960	VV	2242	39154	0.95%	0.019%
170	10.980	10.960	10.994	VV	2809	45004	1.09%	0.022%
171	11.018	10.994	11.061	VV	5539	130025	3.14%	0.063%
172	11.090	11.061	11.125	VV	2095	72927	1.76%	0.035%
173	11.158	11.125	11.168	VV	2234	52052	1.26%	0.025%
174	11.213	11.168	11.260	VV	44140	565687	13.66%	0.273%
175	11.287	11.260	11.318	VV	13925	200156	4.83%	0.097%
176	11.358	11.318	11.381	VV	4513	126145	3.05%	0.061%
177	11.387	11.381	11.414	VV	3385	59122	1.43%	0.029%
178	11.440	11.414	11.453	VV	3246	68425	1.65%	0.033%
179	11.503	11.453	11.510	VV	4698	122695	2.96%	0.059%
180	11.524	11.510	11.544	VV	4978	87959	2.12%	0.042%
181	11.565	11.544	11.581	VV	4261	87956	2.12%	0.042%
182	11.639	11.581	11.676	VV	5502	263820	6.37%	0.127%
183	11.701	11.676	11.710	VV	5153	97222	2.35%	0.047%
184	11.742	11.710	11.785	VV	11020	326596	7.88%	0.158%
185	11.811	11.785	11.834	VV	6117	159944	3.86%	0.077%
186	11.867	11.834	11.889	VV	8769	217174	5.24%	0.105%
187	11.906	11.889	11.925	VV	7333	140558	3.39%	0.068%
188	11.966	11.925	11.985	VV	7134	231677	5.59%	0.112%
189	12.015	11.985	12.029	VV	22640	350000	8.45%	0.169%
190	12.045	12.029	12.071	VV	27391	395882	9.56%	0.191%
191	12.081	12.071	12.091	VV	8028	91266	2.20%	0.044%
192	12.130	12.091	12.145	VV	16688	402513	9.72%	0.194%
193	12.163	12.145	12.178	VV	22551	323963	7.82%	0.156%
194	12.194	12.178	12.248	VV	24296	538105	12.99%	0.260%

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195	12.284	12.248	12.295	VV	10905	266617	6.44%	0.129%
196	12.315	12.295	12.341	VV	11736	304351	7.35%	0.147%
197	12.368	12.341	12.388	VV	14351	323378	7.81%	0.156%
198	12.408	12.388	12.432	VV	12536	307189	7.42%	0.148%
199	12.486	12.432	12.509	VV	18437	600959	14.51%	0.290%
200	12.549	12.509	12.572	VV	14632	492314	11.89%	0.238%
201	12.594	12.572	12.614	VV	14656	346081	8.36%	0.167%
202	12.637	12.614	12.654	VV	15915	347969	8.40%	0.168%
203	12.663	12.654	12.677	VV	14835	193957	4.68%	0.094%
204	12.700	12.677	12.717	VV	17278	382330	9.23%	0.184%
205	12.736	12.717	12.748	VV	17924	306848	7.41%	0.148%
206	12.759	12.748	12.784	VV	17341	339803	8.20%	0.164%
207	12.807	12.784	12.846	VV	17710	611033	14.75%	0.295%
208	12.862	12.846	12.879	VV	18508	337039	8.14%	0.163%
209	12.915	12.879	12.934	VV	29163	690440	16.67%	0.333%
210	12.949	12.934	12.963	VV	21462	359905	8.69%	0.174%
211	12.976	12.963	13.000	VV	21508	439232	10.60%	0.212%
212	13.029	13.000	13.071	VV	54116	1165574	28.14%	0.562%
213	13.089	13.071	13.110	VV	19885	435974	10.53%	0.210%
214	13.124	13.110	13.148	VV	20193	433143	10.46%	0.209%
215	13.165	13.148	13.173	VV	20614	301131	7.27%	0.145%
216	13.188	13.173	13.205	VV	21441	382402	9.23%	0.184%
217	13.237	13.205	13.278	VV	23747	974664	23.53%	0.470%
218	13.327	13.278	13.361	VV	74177	1633492	39.44%	0.788%
219	13.386	13.361	13.405	VV	25441	612574	14.79%	0.296%
220	13.426	13.405	13.444	VV	23076	534422	12.90%	0.258%
221	13.466	13.444	13.486	VV	26331	617231	14.90%	0.298%
222	13.499	13.486	13.511	VV	25387	378009	9.13%	0.182%
223	13.528	13.511	13.550	VV	26150	580701	14.02%	0.280%
224	13.597	13.550	13.611	VV	27328	936166	22.60%	0.452%
225	13.630	13.611	13.648	VV	29212	623235	15.05%	0.301%
226	13.663	13.648	13.698	VV	28731	809636	19.55%	0.391%
227	13.755	13.698	13.767	VV	30990	1189423	28.72%	0.574%
228	13.789	13.767	13.830	VV	34673	1251549	30.22%	0.604%
229	13.915	13.830	13.945	VV	45639	2410677	58.20%	1.163%
230	14.022	13.945	14.043	VV	39285	2032505	49.07%	0.981%
231	14.062	14.043	14.111	VV	44211	1605411	38.76%	0.775%
232	14.121	14.111	14.134	VV	36823	491718	11.87%	0.237%
233	14.193	14.134	14.211	VV	47492	1898887	45.84%	0.916%
234	14.233	14.211	14.271	VV	48312	1493488	36.06%	0.721%
235	14.308	14.271	14.351	VV	42208	1932168	46.65%	0.932%
236	14.398	14.351	14.429	VV	49801	2074592	50.09%	1.001%
237	14.449	14.429	14.489	VV	44833	1559710	37.65%	0.752%
238	14.498	14.489	14.518	VV	44848	785591	18.97%	0.379%
239	14.560	14.518	14.571	VV	47046	1440069	34.77%	0.695%
240	14.582	14.571	14.605	VV	47165	936730	22.61%	0.452%
241	14.647	14.605	14.667	VV	51808	1861134	44.93%	0.898%
242	14.680	14.667	14.712	VV	49361	1293511	31.23%	0.624%
243	14.761	14.712	14.778	VV	50263	1910294	46.12%	0.922%
244	14.824	14.778	14.842	VV	55150	2040228	49.26%	0.984%
245	14.856	14.842	14.878	VV	58892	1208564	29.18%	0.583%
246	14.891	14.878	14.934	VV	60703	1837517	44.36%	0.887%

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247	14.952	14.934	14.967	VV	55408	1085121	26.20%	0.524%
248	14.990	14.967	15.040	VV	55803	2348643	56.70%	1.133%
249	15.070	15.040	15.098	VV	58909	1939658	46.83%	0.936%
250	15.161	15.098	15.176	VV	56609	2517471	60.78%	1.215%
251	15.201	15.176	15.222	VV	76271	1754546	42.36%	0.846%
252	15.243	15.222	15.277	VV	72974	2007181	48.46%	0.968%
253	15.295	15.277	15.317	VV	57083	1363173	32.91%	0.658%
254	15.338	15.317	15.351	VV	59665	1169718	28.24%	0.564%
255	15.364	15.351	15.382	VV	59305	1067752	25.78%	0.515%
256	15.410	15.382	15.485	VV	65297	3489670	84.25%	1.684%
257	15.521	15.485	15.552	VV	59098	2254368	54.43%	1.088%
258	15.566	15.552	15.603	VV	57007	1696523	40.96%	0.818%
259	15.650	15.603	15.693	VV	58188	3024135	73.01%	1.459%
260	15.715	15.693	15.735	VV	58951	1405108	33.92%	0.678%
261	15.826	15.735	15.855	VV	60646	4142120	100.00%	1.998%
262	15.876	15.855	15.896	VV	65315	1461464	35.28%	0.705%
263	15.914	15.896	15.926	VV	56956	1002589	24.20%	0.484%
264	15.937	15.926	15.971	VV	57035	1482984	35.80%	0.715%
265	15.982	15.971	15.998	VV	55903	895389	21.62%	0.432%
266	16.044	15.998	16.069	VV	59627	2428511	58.63%	1.172%
267	16.097	16.069	16.155	VV	61625	2913650	70.34%	1.406%
268	16.195	16.155	16.219	VV	56188	2089545	50.45%	1.008%
269	16.236	16.219	16.256	VV	53928	1193622	28.82%	0.576%
270	16.289	16.256	16.301	VV	53918	1437286	34.70%	0.693%
271	16.320	16.301	16.366	VV	56244	2123745	51.27%	1.025%
272	16.381	16.366	16.415	VV	53090	1500547	36.23%	0.724%
273	16.423	16.415	16.430	VV	51735	448947	10.84%	0.217%
274	16.501	16.430	16.531	VV	57672	3287294	79.36%	1.586%
275	16.599	16.531	16.636	VV	57863	3390485	81.85%	1.636%
276	16.659	16.636	16.709	VV	55876	2304435	55.63%	1.112%
277	16.756	16.709	16.776	VV	65651	2209799	53.35%	1.066%
278	16.787	16.776	16.825	VV	56925	1464911	35.37%	0.707%
279	16.836	16.825	16.841	VV	48254	477634	11.53%	0.230%
280	16.849	16.841	16.855	VV	48836	403914	9.75%	0.195%
281	16.899	16.855	16.909	VV	54596	1630410	39.36%	0.787%
282	16.927	16.909	16.954	VV	54315	1397093	33.73%	0.674%
283	16.993	16.954	17.034	VV	53281	2409751	58.18%	1.163%
284	17.079	17.034	17.113	VV	58135	2457048	59.32%	1.185%
285	17.133	17.113	17.178	VV	61220	1964118	47.42%	0.948%
286	17.235	17.178	17.250	VV	50874	2028934	48.98%	0.979%
287	17.268	17.250	17.328	VV	54396	2241637	54.12%	1.081%
288	17.359	17.328	17.405	VV	47886	2093641	50.55%	1.010%
289	17.478	17.405	17.538	VV	51322	3680926	88.87%	1.776%
290	17.560	17.538	17.611	VV	45315	1854057	44.76%	0.894%
291	17.633	17.611	17.648	VV	42415	903910	21.82%	0.436%
292	17.664	17.648	17.700	VV	44819	1257790	30.37%	0.607%
293	17.728	17.700	17.753	VV	40512	1206485	29.13%	0.582%
294	17.811	17.753	17.878	VV	43065	2789069	67.33%	1.346%
295	17.890	17.878	17.932	VV	33583	1061118	25.62%	0.512%
296	17.972	17.932	18.006	VV	33564	1381813	33.36%	0.667%
297	18.037	18.006	18.081	VV	34018	1412643	34.10%	0.682%
298	18.104	18.081	18.160	VV	33088	1431710	34.56%	0.691%
299	18.177	18.160	18.191	VV	28431	507757	12.26%	0.245%

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300	18.215	18.191	18.234	VV	26987	683107	16.49%	0.330%
301	18.278	18.234	18.351	VV	34703	2018078	48.72%	0.974%
302	18.408	18.351	18.457	VV	25918	1482674	35.80%	0.715%
303	18.496	18.457	18.567	VV	30912	1516269	36.61%	0.732%
304	18.642	18.567	18.718	VV	28983	1856277	44.81%	0.896%
305	18.751	18.718	18.775	VV	23010	638060	15.40%	0.308%
306	18.793	18.775	18.815	VV	18149	397354	9.59%	0.192%
307	18.837	18.815	18.901	VV	18020	845662	20.42%	0.408%
308	18.915	18.901	18.927	VV	14468	219188	5.29%	0.106%
309	18.948	18.927	18.989	VV	15702	533324	12.88%	0.257%
310	19.007	18.989	19.031	VV	13793	317096	7.66%	0.153%
311	19.063	19.031	19.086	VV	16913	462468	11.17%	0.223%
312	19.111	19.086	19.148	VV	14826	504485	12.18%	0.243%
313	19.150	19.148	19.181	VV	13404	254762	6.15%	0.123%
314	19.192	19.181	19.215	VV	13517	256758	6.20%	0.124%
315	19.229	19.215	19.242	VV	13418	207868	5.02%	0.100%
316	19.255	19.242	19.302	VV	13101	433153	10.46%	0.209%
317	19.346	19.302	19.373	VV	13647	528589	12.76%	0.255%
318	19.394	19.373	19.437	VV	13371	453977	10.96%	0.219%
319	19.454	19.437	19.494	VV	12591	391170	9.44%	0.189%
320	19.539	19.494	19.599	VV	12618	689312	16.64%	0.333%
321	19.612	19.599	19.625	VV	10516	156280	3.77%	0.075%
322	19.656	19.625	19.669	VV	11161	277985	6.71%	0.134%
323	19.682	19.669	19.694	VV	10714	156720	3.78%	0.076%
324	19.760	19.694	19.807	VV	14491	836295	20.19%	0.403%
325	19.859	19.807	19.877	VV	12042	479889	11.59%	0.232%
326	19.904	19.877	19.921	VV	14607	346086	8.36%	0.167%
327	19.969	19.921	20.005	VV	14842	651883	15.74%	0.315%
328	20.022	20.005	20.035	VV	13460	238448	5.76%	0.115%
329	20.049	20.035	20.072	VV	13513	290423	7.01%	0.140%
330	20.162	20.072	20.218	VV	15260	1245448	30.07%	0.601%
331	20.279	20.218	20.308	VV	18602	849350	20.51%	0.410%
332	20.342	20.308	20.353	VV	16533	428510	10.35%	0.207%
333	20.379	20.353	20.387	VV	16795	326950	7.89%	0.158%
334	20.423	20.387	20.435	VV	18089	493380	11.91%	0.238%
335	20.473	20.435	20.498	VV	20100	701123	16.93%	0.338%
336	20.550	20.498	20.578	VV	19493	906944	21.90%	0.438%
337	20.654	20.578	20.665	VV	21238	1041871	25.15%	0.503%
338	20.740	20.665	20.781	VV	22232	1520930	36.72%	0.734%
339	20.825	20.781	20.876	VV	23082	1290639	31.16%	0.623%
340	20.967	20.876	20.988	VV	23680	1553602	37.51%	0.750%
341	21.004	20.988	21.035	VV	23270	636904	15.38%	0.307%
342	21.062	21.035	21.111	VV	23057	1049578	25.34%	0.506%
343	21.121	21.111	21.165	VV	22878	717331	17.32%	0.346%
344	21.174	21.165	21.181	VV	21831	209405	5.06%	0.101%
345	21.213	21.181	21.258	VV	21727	974661	23.53%	0.470%
346	21.290	21.258	21.331	VV	20808	899668	21.72%	0.434%
347	21.345	21.331	21.371	VV	19891	464312	11.21%	0.224%
348	21.383	21.371	21.409	VV	19700	452677	10.93%	0.218%
349	21.420	21.409	21.448	VV	19074	437161	10.55%	0.211%
350	21.485	21.448	21.542	VV	18973	1050529	25.36%	0.507%
351	21.553	21.542	21.557	VV	18399	173984	4.20%	0.084%

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352	21.578	21.557	21.606	VV	18446	529053	12.77%	0.255%
353	21.657	21.606	21.678	VV	18660	786216	18.98%	0.379%
354	21.695	21.678	21.805	VV	17599	1274554	30.77%	0.615%
355	21.826	21.805	21.855	VV	16092	472900	11.42%	0.228%
356	21.859	21.855	21.864	VV	15925	85227	2.06%	0.041%
357	21.873	21.864	21.933	VV	15994	649477	15.68%	0.313%
358	21.963	21.933	21.995	VV	15772	571552	13.80%	0.276%
359	22.005	21.995	22.015	VV	14959	177325	4.28%	0.086%
360	22.035	22.015	22.078	VV	15206	565018	13.64%	0.273%
361	22.145	22.078	22.298	VV	16981	1892477	45.69%	0.913%
362	22.307	22.298	22.341	VV	13096	334862	8.08%	0.162%
363	22.347	22.341	22.377	VV	12752	267713	6.46%	0.129%
364	22.385	22.377	22.485	VV	12659	800004	19.31%	0.386%
365	22.507	22.485	22.568	VV	12026	589529	14.23%	0.284%
366	22.577	22.568	22.675	VV	11589	719674	17.37%	0.347%
367	22.695	22.675	22.726	VV	10864	335811	8.11%	0.162%
368	22.741	22.726	22.785	VV	10725	367814	8.88%	0.177%
369	22.806	22.785	22.916	VV	10344	789117	19.05%	0.381%
370	22.929	22.916	22.958	VV	9602	237078	5.72%	0.114%
371	22.966	22.958	23.016	VV	9416	323489	7.81%	0.156%
372	23.042	23.016	23.091	VV	9083	402641	9.72%	0.194%
373	23.105	23.091	23.121	VV	8829	153879	3.71%	0.074%
374	23.128	23.121	23.184	VV	8730	319275	7.71%	0.154%
375	23.197	23.184	23.241	VV	8252	280218	6.77%	0.135%
376	23.250	23.241	23.321	VV	8006	368183	8.89%	0.178%
377	23.365	23.321	23.405	VV	7548	372847	9.00%	0.180%
378	23.413	23.405	23.417	VV	7317	54204	1.31%	0.026%
379	23.425	23.417	23.434	VV	7319	73447	1.77%	0.035%
380	23.444	23.434	23.488	VV	7168	225746	5.45%	0.109%
381	23.496	23.488	23.532	VV	6939	176884	4.27%	0.085%
382	23.540	23.532	23.561	VV	6608	115436	2.79%	0.056%
383	23.579	23.561	23.646	VV	6421	318725	7.69%	0.154%
384	23.676	23.646	23.687	VV	6114	150543	3.63%	0.073%
385	23.706	23.687	23.745	VV	5997	202826	4.90%	0.098%
386	23.757	23.745	23.781	VV	5652	118817	2.87%	0.057%
387	23.804	23.781	23.831	VV	5497	162912	3.93%	0.079%
388	23.861	23.831	23.911	VV	5184	242150	5.85%	0.117%
389	23.921	23.911	23.934	VV	4803	65712	1.59%	0.032%
390	23.947	23.934	23.993	VV	4747	160643	3.88%	0.078%
391	24.002	23.993	24.048	VV	4304	135744	3.28%	0.065%
392	24.085	24.048	24.094	VV	3949	106789	2.58%	0.052%
393	24.149	24.094	24.217	VV	3837	270229	6.52%	0.130%
394	24.233	24.217	24.282	VV	3454	125712	3.03%	0.061%
395	24.291	24.282	24.307	VV	2928	43303	1.05%	0.021%
396	24.317	24.307	24.347	VV	2802	63492	1.53%	0.031%
397	24.355	24.347	24.378	VV	2566	46177	1.11%	0.022%
398	24.433	24.378	24.441	VV	2334	88932	2.15%	0.043%
399	24.488	24.441	24.498	VV	2171	73589	1.78%	0.036%
400	24.509	24.498	24.522	VV	2141	29073	0.70%	0.014%
401	24.535	24.522	24.545	VV	1996	26229	0.63%	0.013%
402	24.558	24.545	24.595	VV	1930	52719	1.27%	0.025%
403	24.614	24.595	24.688	VV	1651	78571	1.90%	0.038%
404	24.698	24.688	24.741	VV	1186	34658	0.84%	0.017%

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405	24.769	24.741	24.856	VV	957	46316	1.12%	0.022%
406	24.868	24.856	24.896	VV	284	4932	0.12%	0.002%
					Sum of corrected areas:			207273787

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