

rteres.txt

Area Percent Report

Instrument :
FID_F
ClientSampleId :
UST-EMSD

Manual Integrations
APPROVED

Sohil
8/14/2018 11:36:24 AM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081318\
Data File : FF001860.D
Signal(s) : FID2B.ch
Acq On : 13 Aug 2018 12:37
Sample : J4430-11MSD
Misc :
ALS Vial : 57 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF073018.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.041	2.032	2.187	PH	251318	1978987	28.49%	1.598%
2	2.199	2.187	2.217	PH	246	1319	0.02%	0.001%
3	2.225	2.217	2.246	PH	60	-407	-0.01%	-0.000%
4	2.258	2.246	2.286	PH	76	-2254	-0.03%	-0.002%
5	2.301	2.286	2.343	PH	-32	-9728	-0.14%	-0.008%
6	2.352	2.343	2.391	PH	-367	-14037	-0.20%	-0.011%
7	2.396	2.391	2.409	PH	-479	-5702	-0.08%	-0.005%
8	2.413	2.409	2.431	PH	-493	-7177	-0.10%	-0.006%
9	2.436	2.431	2.442	PH	-500	-3821	-0.06%	-0.003%
10	2.454	2.442	2.486	PH	-513	-14509	-0.21%	-0.012%
11	2.493	2.486	2.517	PH	-463	-10470	-0.15%	-0.008%
12	2.532	2.517	2.556	PH	-518	-13572	-0.20%	-0.011%
13	2.560	2.556	2.569	PH	-552	-4816	-0.07%	-0.004%
14	2.572	2.569	2.580	PH	-603	-4123	-0.06%	-0.003%
15	2.591	2.580	2.597	PH	-561	-6703	-0.10%	-0.005%
16	2.601	2.597	2.630	PH	-628	-13560	-0.20%	-0.011%
17	2.634	2.630	2.662	PH	-622	-12687	-0.18%	-0.010%
18	2.666	2.662	2.716	PH	-622	-23457	-0.34%	-0.019%
19	2.721	2.716	2.725	PH	-743	-4217	-0.06%	-0.003%
20	2.732	2.725	2.743	PH	-671	-8303	-0.12%	-0.007%
21	2.759	2.743	2.769	PH	-695	-11873	-0.17%	-0.010%
22	2.774	2.769	2.778	PH	-731	-3904	-0.06%	-0.003%
23	2.788	2.778	2.822	PH	-746	-21302	-0.31%	-0.017%
24	2.829	2.822	2.837	PH	-720	-7102	-0.10%	-0.006%
25	2.855	2.837	2.887	PH	-774	-24204	-0.35%	-0.020%
26	2.890	2.887	2.907	PH	-798	-10158	-0.15%	-0.008%
27	2.911	2.907	2.914	PH	-815	-3435	-0.05%	-0.003%
28	2.917	2.914	2.923	PH	-784	-4505	-0.06%	-0.004%
29	2.944	2.923	2.958	PH	-602	-15697	-0.23%	-0.013%
30	2.964	2.958	2.982	PH	-757	-11072	-0.16%	-0.009%
31	2.997	2.982	3.029	PH	-605	-20332	-0.29%	-0.016%
32	3.044	3.029	3.059	PH	-692	-13457	-0.19%	-0.011%
33	3.070	3.059	3.084	PH	-777	-11962	-0.17%	-0.010%
34	3.089	3.084	3.101	PH	-732	-8168	-0.12%	-0.007%
35	3.107	3.101	3.127	PH	-791	-13113	-0.19%	-0.011%
36	3.135	3.127	3.153	PH	-793	-13798	-0.20%	-0.011%

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37	3.162	3.153	3.183	PH	-667	-15050	-0.22%	-0.012%	
38	3.192	3.183	3.219	PH	-760	-17991	-0.26%	-0.015%	
39	3.249	3.219	3.280	PH	-852	-33210	-0.48%	-0.027%	
40	3.285	3.280	3.298	PH	-861	-9892	-0.14%	-0.008%	
41	3.327	3.298	3.342	PH	-665	-21920	-0.32%	-0.018%	
42	3.345	3.342	3.357	PH	-777	-7528	-0.11%	-0.006%	
43	3.360	3.357	3.370	PH	-751	-6629	-0.10%	-0.005%	
44	3.378	3.370	3.402	PH	-836	-16668	-0.24%	-0.013%	
45	3.405	3.402	3.412	PH	-862	-5423	-0.08%	-0.004%	
46	3.416	3.412	3.486	PH	-863	-41867	-0.60%	-0.034%	
47	3.501	3.486	3.527	PH	-895	-24059	-0.35%	-0.019%	
48	3.540	3.527	3.547	PH	-972	-12527	-0.18%	-0.010%	
49	3.554	3.547	3.559	PH	-951	-7460	-0.11%	-0.006%	
50	3.563	3.559	3.603	PH	-998	-27568	-0.40%	-0.022%	
51	3.610	3.603	3.629	PH	-1035	-17101	-0.25%	-0.014%	
52	3.634	3.629	3.655	PH	-1079	-17870	-0.26%	-0.014%	
53	3.662	3.655	3.667	PH	-1066	-7895	-0.11%	-0.006%	
54	3.679	3.667	3.715	PH	-972	-31585	-0.45%	-0.026%	
55	3.718	3.715	3.721	PH	-1084	-3633	-0.05%	-0.003%	
56	3.727	3.721	3.734	PH	-1001	-8607	-0.12%	-0.007%	
57	3.739	3.734	3.743	PH	-1116	-5871	-0.08%	-0.005%	
58	3.758	3.743	3.768	PH	-1058	-16918	-0.24%	-0.014%	
59	3.797	3.768	3.804	PH	2281	13933	0.20%	0.011%	
60	3.829	3.804	4.050	HH	2244	162239	2.34%	0.131%	
61	4.061	4.050	4.067	HH	282	2055	0.03%	0.002%	
62	4.097	4.067	4.238	HH	328484	3352248	48.27%	2.707%	
63	4.258	4.238	4.365	HH	1978	30027	0.43%	0.024%	
64	4.377	4.365	4.407	PH	-238	-8547	-0.12%	-0.007%	
65	4.414	4.407	4.437	PH	-321	-7632	-0.11%	-0.006%	
66	4.442	4.437	4.461	PH	-393	-7365	-0.11%	-0.006%	
67	4.466	4.461	4.471	PH	-527	-3170	-0.05%	-0.003%	
68	4.476	4.471	4.544	PH	-555	-29491	-0.42%	-0.024%	
69	4.552	4.544	4.557	PH	-703	-5496	-0.08%	-0.004%	
70	4.565	4.557	4.586	PH	-680	-13185	-0.19%	-0.011%	
71	4.590	4.586	4.642	PH	-786	-28711	-0.41%	-0.023%	
72	4.652	4.642	4.662	PH	-832	-10492	-0.15%	-0.008%	
73	4.693	4.662	4.752	PH	-394	-39278	-0.57%	-0.032%	
74	4.755	4.752	4.824	PH	-837	-42647	-0.61%	-0.034%	
75	4.829	4.824	4.857	PH	-1091	-22685	-0.33%	-0.018%	
76	4.863	4.857	4.882	PH	-1175	-18252	-0.26%	-0.015%	
77	4.891	4.882	4.899	PH	-1145	-12727	-0.18%	-0.010%	
78	4.906	4.899	4.912	PH	-1155	-9212	-0.13%	-0.007%	
79	4.918	4.912	4.923	PH	-1154	-8012	-0.12%	-0.006%	
80	4.933	4.923	4.944	PH	-1152	-15250	-0.22%	-0.012%	
81	4.972	4.944	4.995	PH	-734	-29770	-0.43%	-0.024%	
82	5.000	4.995	5.021	PH	-1061	-17892	-0.26%	-0.014%	
83	5.027	5.021	5.044	PH	-1121	-16076	-0.23%	-0.013%	
84	5.059	5.044	5.104	PH	-1158	-44900	-0.65%	-0.036%	
85	5.131	5.104	5.174	PH	-101	-37984	-0.55%	-0.031%	
86	5.179	5.174	5.183	PH	-1288	-6580	-0.09%	-0.005%	
87	5.188	5.183	5.209	PH	-1238	-21415	-0.31%	-0.017%	
88	5.252	5.209	5.260	PH	-1063	-39366	-0.57%	-0.032%	
89	5.275	5.260	5.310	PH	-1109	-36695	-0.53%	-0.030%	

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90	5.313	5.310	5.338	PH	-1250	-22541	-0.32%	-0.018%	
91	5.344	5.338	5.349	PH	-1350	-8470	-0.12%	-0.007%	
92	5.354	5.349	5.357	PH	-1318	-7072	-0.10%	-0.006%	
93	5.361	5.357	5.400	PH	-1307	-34336	-0.49%	-0.028%	
94	5.420	5.400	5.429	PH	-1210	-22555	-0.32%	-0.018%	
95	5.435	5.429	5.450	PH	-1322	-17101	-0.25%	-0.014%	
96	5.456	5.450	5.460	PH	-1376	-9035	-0.13%	-0.007%	
97	5.479	5.460	5.504	PH	-1225	-35276	-0.51%	-0.028%	
98	5.515	5.504	5.535	PH	-1449	-28938	-0.42%	-0.023%	
99	5.542	5.535	5.550	PH	-1496	-13551	-0.20%	-0.011%	
100	5.560	5.550	5.565	PH	-1470	-13896	-0.20%	-0.011%	
101	5.569	5.565	5.619	PH	-1421	-48860	-0.70%	-0.039%	
102	5.622	5.619	5.648	PH	-1518	-27654	-0.40%	-0.022%	
103	5.667	5.648	5.696	PH	-1344	-43288	-0.62%	-0.035%	
104	5.716	5.696	5.718	PH	-1533	-20521	-0.30%	-0.017%	
105	5.735	5.718	5.750	PH	-1447	-29841	-0.43%	-0.024%	
106	5.754	5.750	5.762	PH	-1497	-11218	-0.16%	-0.009%	
107	5.767	5.762	5.779	PH	-1535	-16359	-0.24%	-0.013%	
108	5.832	5.779	5.858	PH	-202	-59925	-0.86%	-0.048%	
109	5.875	5.858	5.900	PH	-1490	-38964	-0.56%	-0.031%	
110	5.904	5.900	5.917	PH	-1373	-14704	-0.21%	-0.012%	
111	5.921	5.917	5.924	PH	-1459	-5809	-0.08%	-0.005%	
112	5.927	5.924	5.943	PH	-1455	-16453	-0.24%	-0.013%	
113	5.950	5.943	5.972	PH	-1440	-26233	-0.38%	-0.021%	
114	5.999	5.972	6.024	PH	-1314	-43754	-0.63%	-0.035%	
115	6.031	6.024	6.042	PH	-1296	-14497	-0.21%	-0.012%	
116	6.061	6.042	6.074	PH	-1203	-24347	-0.35%	-0.020%	
117	6.105	6.074	6.238	PH	324140	3386061	48.75%	2.734%	
118	6.245	6.238	6.269	PH	-699	-15871	-0.23%	-0.013%	
119	6.278	6.269	6.318	PH	-988	-32601	-0.47%	-0.026%	
120	6.335	6.318	6.359	PH	-960	-26449	-0.38%	-0.021%	
121	6.374	6.359	6.416	PH	-1006	-38806	-0.56%	-0.031%	
122	6.422	6.416	6.451	PH	-1195	-26735	-0.38%	-0.022%	
123	6.472	6.451	6.521	PH	-988	-54827	-0.79%	-0.044%	
124	6.526	6.521	6.536	PH	-1469	-13329	-0.19%	-0.011%	
125	6.550	6.536	6.574	PH	-1473	-35317	-0.51%	-0.029%	
126	6.580	6.574	6.606	PH	-1504	-29369	-0.42%	-0.024%	
127	6.614	6.606	6.625	PH	-1482	-18296	-0.26%	-0.015%	
128	6.629	6.625	6.640	PH	-1527	-14091	-0.20%	-0.011%	
129	6.653	6.640	6.662	PH	-1479	-20077	-0.29%	-0.016%	
130	6.665	6.662	6.674	PH	-1484	-11256	-0.16%	-0.009%	
131	6.684	6.674	6.688	PH	-1517	-12829	-0.18%	-0.010%	
132	6.715	6.688	6.748	PH	-1154	-50208	-0.72%	-0.041%	
133	6.767	6.748	6.780	PH	-1126	-25760	-0.37%	-0.021%	
134	6.795	6.780	6.829	PH	-1202	-39560	-0.57%	-0.032%	
135	6.845	6.829	6.850	PH	-1417	-18886	-0.27%	-0.015%	
136	6.859	6.850	6.881	PH	-1360	-26372	-0.38%	-0.021%	
137	6.889	6.881	6.893	PH	-1394	-10925	-0.16%	-0.009%	
138	6.898	6.893	6.900	PH	-1414	-6100	-0.09%	-0.005%	
139	6.904	6.900	6.910	PH	-1384	-8772	-0.13%	-0.007%	
140	6.922	6.910	6.949	PH	-1414	-34270	-0.49%	-0.028%	
141	6.961	6.949	6.987	PH	-1400	-33877	-0.49%	-0.027%	

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142	6.992	6.987	6.999	PH	-1512	-10657	-0.15%	-0.009%	
143	7.024	6.999	7.064	PH	-1083	-56102	-0.81%	-0.045%	
144	7.070	7.064	7.076	PH	-1544	-11516	-0.17%	-0.009%	
145	7.082	7.076	7.089	PH	-1601	-12348	-0.18%	-0.010%	
146	7.093	7.089	7.104	PH	-1609	-14902	-0.21%	-0.012%	
147	7.114	7.104	7.125	PH	-1602	-20761	-0.30%	-0.017%	
148	7.129	7.125	7.191	PH	-1592	-66150	-0.95%	-0.053%	
149	7.198	7.191	7.228	PH	-1645	-37960	-0.55%	-0.031%	
150	7.232	7.228	7.237	PH	-1695	-9510	-0.14%	-0.008%	
151	7.241	7.237	7.266	PH	-1675	-31280	-0.45%	-0.025%	
152	7.293	7.266	7.320	PH	-735	-44755	-0.64%	-0.036%	
153	7.324	7.320	7.346	PH	-1624	-26590	-0.38%	-0.021%	
154	7.353	7.346	7.361	PH	-1698	-14926	-0.21%	-0.012%	
155	7.371	7.361	7.377	PH	-1717	-17482	-0.25%	-0.014%	
156	7.384	7.377	7.391	PH	-1751	-13988	-0.20%	-0.011%	
157	7.399	7.391	7.404	PH	-1745	-14248	-0.21%	-0.012%	
158	7.465	7.404	7.500	PH	-402	-79689	-1.15%	-0.064%	
159	7.504	7.500	7.510	PH	-1622	-10162	-0.15%	-0.008%	
160	7.513	7.510	7.524	PH	-1658	-14130	-0.20%	-0.011%	
161	7.546	7.524	7.560	PH	-1682	-38019	-0.55%	-0.031%	
162	7.584	7.560	7.607	PH	-1479	-46775	-0.67%	-0.038%	
163	7.638	7.607	7.692	PH	-1424	-85012	-1.22%	-0.069%	
164	7.709	7.692	7.730	PH	-1422	-37099	-0.53%	-0.030%	
165	7.734	7.730	7.742	PH	-1625	-11836	-0.17%	-0.010%	
166	7.798	7.742	7.835	PH	-1393	-88239	-1.27%	-0.071%	
167	7.890	7.835	7.934	PH	334162	3629180	52.25%	2.931%	
168	7.956	7.934	8.200	HH	46714	766292	11.03%	0.619%	
169	8.206	8.200	8.209	PH	-1111	-5678	-0.08%	-0.005%	
170	8.234	8.209	8.284	PH	-806	-50084	-0.72%	-0.040%	
171	8.311	8.284	8.356	PH	-791	-49526	-0.71%	-0.040%	
172	8.361	8.356	8.365	PH	-1264	-6977	-0.10%	-0.006%	
173	8.377	8.365	8.384	PH	-995	-12933	-0.19%	-0.010%	
174	8.389	8.384	8.401	PH	-988	-11017	-0.16%	-0.009%	
175	8.420	8.401	8.444	PH	-621	-24144	-0.35%	-0.019%	
176	8.446	8.444	8.463	PH	-1281	-15798	-0.23%	-0.013%	
177	8.480	8.463	8.509	PH	-1265	-37384	-0.54%	-0.030%	
178	8.541	8.509	8.555	PH	-1327	-39514	-0.57%	-0.032%	
179	8.560	8.555	8.582	PH	-1381	-22142	-0.32%	-0.018%	
180	8.612	8.582	8.636	PH	1436	-7877	-0.11%	-0.006%	
181	8.641	8.636	8.684	PH	-1143	-39179	-0.56%	-0.032%	
182	8.709	8.684	8.748	PH	49	-37800	-0.54%	-0.031%	
183	8.752	8.748	8.765	PH	-1449	-16414	-0.24%	-0.013%	
184	8.786	8.765	8.807	PH	-1436	-38818	-0.56%	-0.031%	
185	8.837	8.807	8.857	PH	-1592	-49903	-0.72%	-0.040%	
186	8.861	8.857	8.867	PH	-1676	-10088	-0.15%	-0.008%	
187	8.894	8.867	8.915	PH	-1578	-48630	-0.70%	-0.039%	
188	8.942	8.915	8.964	PH	-1583	-49757	-0.72%	-0.040%	
189	8.988	8.964	9.022	PH	-1177	-51305	-0.74%	-0.041%	
190	9.033	9.022	9.052	PH	-1558	-28662	-0.41%	-0.023%	
191	9.079	9.052	9.107	PH	-1096	-42846	-0.62%	-0.035%	
192	9.128	9.107	9.149	PH	-1064	-30487	-0.44%	-0.025%	
193	9.159	9.149	9.186	PH	-1223	-30057	-0.43%	-0.024%	
194	9.210	9.186	9.240	PH	-826	-38331	-0.55%	-0.031%	

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195	9.263	9.240	9.284	PH	-798	-30859	-0.44%	-0.025%
196	9.310	9.284	9.365	PH	-81	-57685	-0.83%	-0.047%
197	9.398	9.365	9.415	PH	-1307	-43983	-0.63%	-0.036%
198	9.427	9.415	9.449	PH	-1168	-25802	-0.37%	-0.021%
199	9.483	9.449	9.542	PH	315490	3655701	52.64%	2.952%
200	9.558	9.542	9.615	PH	95	-25425	-0.37%	-0.021%
201	9.641	9.615	9.675	PH	47	-15394	-0.22%	-0.012%
202	9.682	9.675	9.740	PH	-768	-38593	-0.56%	-0.031%
203	9.753	9.740	9.785	PH	-1123	-32836	-0.47%	-0.027%
204	9.866	9.785	9.904	PH	-240	-58832	-0.85%	-0.048%
205	9.917	9.904	9.931	PH	-967	-17284	-0.25%	-0.014%
206	9.957	9.931	9.984	PH	-772	-31474	-0.45%	-0.025%
207	10.010	9.984	10.037	PH	-870	-34613	-0.50%	-0.028%
208	10.040	10.037	10.057	PH	-1188	-15486	-0.22%	-0.013%
209	10.070	10.057	10.075	PH	-1171	-13284	-0.19%	-0.011%
210	10.127	10.075	10.172	PH	-523	-51806	-0.75%	-0.042%
211	10.219	10.172	10.259	PH	795	-22693	-0.33%	-0.018%
212	10.288	10.259	10.308	PH	-39	-13705	-0.20%	-0.011%
213	10.317	10.308	10.375	PH	-565	-37244	-0.54%	-0.030%
214	10.398	10.375	10.407	PH	-959	-20366	-0.29%	-0.016%
215	10.433	10.407	10.456	PH	-888	-30833	-0.44%	-0.025%
216	10.470	10.456	10.507	PH	-1185	-39182	-0.56%	-0.032%
217	10.542	10.507	10.577	PH	-781	-44399	-0.64%	-0.036%
218	10.600	10.577	10.631	PH	-780	-32189	-0.46%	-0.026%
219	10.635	10.631	10.657	PH	-1169	-19617	-0.28%	-0.016%
220	10.671	10.657	10.698	PH	-897	-27668	-0.40%	-0.022%
221	10.722	10.698	10.768	PH	-10	-37978	-0.55%	-0.031%
222	10.775	10.768	10.797	PH	-1155	-20934	-0.30%	-0.017%
223	10.816	10.797	10.831	PH	-1083	-23054	-0.33%	-0.019%
224	10.852	10.831	10.879	PH	-918	-30224	-0.44%	-0.024%
225	10.918	10.879	10.983	PH	303439	3651029	52.57%	2.948%
226	11.001	10.983	11.047	PH	399	-14497	-0.21%	-0.012%
227	11.070	11.047	11.095	PH	-481	-22772	-0.33%	-0.018%
228	11.110	11.095	11.140	PH	-781	-27433	-0.39%	-0.022%
229	11.163	11.140	11.171	PH	-972	-19478	-0.28%	-0.016%
230	11.176	11.171	11.179	PH	-1096	-5844	-0.08%	-0.005%
231	11.209	11.179	11.260	PH	-879	-50146	-0.72%	-0.040%
232	11.271	11.260	11.279	PH	-1026	-12354	-0.18%	-0.010%
233	11.307	11.279	11.335	PH	-795	-33088	-0.48%	-0.027%
234	11.354	11.335	11.360	PH	-881	-15008	-0.22%	-0.012%
235	11.364	11.360	11.369	PH	-898	-4881	-0.07%	-0.004%
236	11.395	11.369	11.420	PH	-633	-27248	-0.39%	-0.022%
237	11.424	11.420	11.429	PH	-1137	-5874	-0.08%	-0.005%
238	11.436	11.429	11.444	PH	-1123	-10109	-0.15%	-0.008%
239	11.478	11.444	11.486	PH	-1002	-28463	-0.41%	-0.023%
240	11.490	11.486	11.498	PH	-1074	-7825	-0.11%	-0.006%
241	11.524	11.498	11.534	PH	-958	-24023	-0.35%	-0.019%
242	11.585	11.534	11.616	PH	691	-27896	-0.40%	-0.023%
243	11.622	11.616	11.635	PH	-837	-10280	-0.15%	-0.008%
244	11.647	11.635	11.661	PH	-653	-11396	-0.16%	-0.009%
245	11.676	11.661	11.703	PH	-407	-17433	-0.25%	-0.014%
246	11.708	11.703	11.725	PH	-981	-13811	-0.20%	-0.011%

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247	11.728	11.725	11.752	PH	-1015	-17556	-0.25%	-0.014%	
248	11.773	11.752	11.792	PH	-918	-24501	-0.35%	-0.020%	
249	11.797	11.792	11.804	PH	-1017	-7911	-0.11%	-0.006%	
250	11.811	11.804	11.825	PH	-1014	-13933	-0.20%	-0.011%	
251	11.860	11.825	11.871	PH	-728	-25034	-0.36%	-0.020%	
252	11.889	11.871	11.905	PH	-614	-15596	-0.22%	-0.013%	
253	11.920	11.905	11.943	PH	-778	-21170	-0.30%	-0.017%	
254	11.961	11.943	11.984	PH	-764	-20734	-0.30%	-0.017%	
255	11.992	11.984	12.019	PH	-752	-18045	-0.26%	-0.015%	
256	12.044	12.019	12.075	PH	-134	-21792	-0.31%	-0.018%	
257	12.080	12.075	12.086	PH	-918	-6256	-0.09%	-0.005%	
258	12.165	12.086	12.180	PH	-820	-52502	-0.76%	-0.042%	
259	12.223	12.180	12.273	PH	287481	3601602	51.86%	2.908%	
260	12.282	12.273	12.289	PH	-226	-2855	-0.04%	-0.002%	
261	12.293	12.289	12.334	PH	-308	-15691	-0.23%	-0.013%	
262	12.340	12.334	12.349	PH	-763	-7359	-0.11%	-0.006%	
263	12.362	12.349	12.409	PH	-848	-33807	-0.49%	-0.027%	
264	12.447	12.409	12.460	PH	-884	-29374	-0.42%	-0.024%	
265	12.475	12.460	12.487	PH	-764	-13712	-0.20%	-0.011%	
266	12.490	12.487	12.494	PH	-825	-3582	-0.05%	-0.003%	
267	12.499	12.494	12.530	PH	-775	-19568	-0.28%	-0.016%	
268	12.542	12.530	12.556	PH	-867	-14751	-0.21%	-0.012%	
269	12.583	12.556	12.592	PH	-687	-18364	-0.26%	-0.015%	
270	12.641	12.592	12.701	PH	-30	-27785	-0.40%	-0.022%	
271	12.707	12.701	12.711	PH	-627	-4150	-0.06%	-0.003%	
272	12.717	12.711	12.757	PH	-541	-21946	-0.32%	-0.018%	
273	12.773	12.757	12.779	PH	-792	-10514	-0.15%	-0.008%	
274	12.783	12.779	12.801	PH	-791	-11857	-0.17%	-0.010%	
275	12.832	12.801	12.867	PH	2050	3803	0.05%	0.003%	
276	12.877	12.867	12.918	PH	-789	-26742	-0.39%	-0.022%	
277	12.931	12.918	12.980	PH	-839	-34616	-0.50%	-0.028%	
278	12.991	12.980	13.023	PH	-944	-25956	-0.37%	-0.021%	
279	13.038	13.023	13.044	PH	-968	-12737	-0.18%	-0.010%	
280	13.066	13.044	13.132	PH	-364	-37789	-0.54%	-0.031%	
281	13.140	13.132	13.162	PH	-880	-17327	-0.25%	-0.014%	
282	13.216	13.162	13.242	PH	-295	-34703	-0.50%	-0.028%	
283	13.250	13.242	13.284	PH	-662	-21749	-0.31%	-0.018%	
284	13.294	13.284	13.316	PH	-878	-17632	-0.25%	-0.014%	
285	13.373	13.316	13.385	PH	2004	1620	0.02%	0.001%	
286	13.417	13.385	13.496	HH	276142	3531764	50.85%	2.852%	
287	13.499	13.496	13.549	PH	-725	-26572	-0.38%	-0.021%	
288	13.563	13.549	13.602	PH	-835	-29749	-0.43%	-0.024%	
289	13.641	13.602	13.664	PH	-826	-34568	-0.50%	-0.028%	
290	13.679	13.664	13.695	PH	-861	-17734	-0.26%	-0.014%	
291	13.710	13.695	13.725	PH	-870	-16742	-0.24%	-0.014%	
292	13.736	13.725	13.739	PH	-929	-7655	-0.11%	-0.006%	
293	13.745	13.739	13.750	PH	-944	-6839	-0.10%	-0.006%	
294	13.775	13.750	13.795	PH	-403	-18037	-0.26%	-0.015%	
295	13.829	13.795	13.908	PH	1447	-3743	-0.05%	-0.003%	
296	13.915	13.908	13.940	PH	-714	-15019	-0.22%	-0.012%	
297	13.976	13.940	13.998	PH	4687	44566	0.64%	0.036%	
298	14.017	13.998	14.041	PH	1286	14968	0.22%	0.012%	
299	14.060	14.041	14.150	HH	784	-6980	-0.10%	-0.006%	

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300	14.178	14.150	14.199	PH	-221	-13603	-0.20%	-0.011%
301	14.226	14.199	14.275	PH	-16	-16978	-0.24%	-0.014%
302	14.314	14.275	14.360	PH	222663	3007951	43.31%	2.429%
303	14.377	14.360	14.424	HH	386	545	0.01%	0.000%
304	14.477	14.424	14.488	PH	17489	220917	3.18%	0.178%
305	14.516	14.488	14.551	HH	272920	3711821	53.44%	2.997%
306	14.560	14.551	14.620	HH	1615	22480	0.32%	0.018%
307	14.627	14.620	14.650	PH	48	-1120	-0.02%	-0.001%
308	14.653	14.650	14.673	PH	-71	-2600	-0.04%	-0.002%
309	14.681	14.673	14.686	PH	-206	-1994	-0.03%	-0.002%
310	14.708	14.686	14.734	PH	72	-2554	-0.04%	-0.002%
311	14.742	14.734	14.764	PH	-172	-4050	-0.06%	-0.003%
312	14.767	14.764	14.777	PH	-212	-1942	-0.03%	-0.002%
313	14.786	14.777	14.809	PH	-186	-4851	-0.07%	-0.004%
314	14.849	14.809	14.867	PH	377	2860	0.04%	0.002%
315	14.907	14.867	15.004	PH	42318	961433	13.84%	0.776%
316	15.033	15.004	15.059	HH	10853	156792	2.26%	0.127%
317	15.084	15.059	15.136	HH	9834	150464	2.17%	0.122%
318	15.156	15.136	15.190	HH	533	13459	0.19%	0.011%
319	15.210	15.190	15.235	HH	495	10631	0.15%	0.009%
320	15.239	15.235	15.244	HH	467	1923	0.03%	0.002%
321	15.295	15.244	15.308	HH	638	18548	0.27%	0.015%
322	15.330	15.308	15.340	HH	1073	15974	0.23%	0.013%
323	15.355	15.340	15.379	HH	1411	23400	0.34%	0.019%
324	15.431	15.379	15.481	HH	2026	83500	1.20%	0.067%
325	15.535	15.481	15.578	HH	248288	3468552	49.94%	2.801%
326	15.590	15.578	15.626	HH	1456	34706	0.50%	0.028%
327	15.630	15.626	15.637	HH	960	6238	0.09%	0.005%
328	15.649	15.637	15.687	HH	1021	28219	0.41%	0.023%
329	15.710	15.687	15.716	HH	1094	17215	0.25%	0.014%
330	15.722	15.716	15.727	HH	1084	7268	0.10%	0.006%
331	15.755	15.727	15.760	HH	1286	22548	0.32%	0.018%
332	15.764	15.760	15.769	HH	1314	7103	0.10%	0.006%
333	15.812	15.769	15.830	HH	2444	65850	0.95%	0.053%
334	15.843	15.830	15.869	HH	2256	44138	0.64%	0.036%
335	15.926	15.869	15.963	HH	8417	245567	3.54%	0.198%
336	15.979	15.963	15.992	HH	4057	63328	0.91%	0.051%
337	16.015	15.992	16.047	HH	13368	225921	3.25%	0.182%
338	16.072	16.047	16.127	HH	3316	124348	1.79%	0.100%
339	16.175	16.127	16.194	HH	2910	99668	1.44%	0.080%
340	16.209	16.194	16.220	HH	2579	40321	0.58%	0.033%
341	16.230	16.220	16.247	HH	2622	40733	0.59%	0.033%
342	16.256	16.247	16.277	HH	2576	44813	0.65%	0.036%
343	16.314	16.277	16.337	HH	3515	109287	1.57%	0.088%
344	16.363	16.337	16.383	HH	4000	96958	1.40%	0.078%
345	16.405	16.383	16.426	HH	3789	90269	1.30%	0.073%
346	16.483	16.426	16.514	HH	240509	3532469	50.86%	2.853%
347	16.522	16.514	16.547	HH	8170	126015	1.81%	0.102%
348	16.559	16.547	16.583	HH	4794	94879	1.37%	0.077%
349	16.601	16.583	16.610	HH	3874	61436	0.88%	0.050%
350	16.642	16.610	16.662	HH	3938	118120	1.70%	0.095%
351	16.717	16.662	16.730	HH	4309	168310	2.42%	0.136%

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352	16.769	16.730	16.792	HH	4909	167435	2.41%	0.135%
353	16.815	16.792	16.837	HH	5087	129803	1.87%	0.105%
354	16.867	16.837	16.899	HH	7339	224433	3.23%	0.181%
355	16.931	16.899	16.966	HH	18156	399430	5.75%	0.323%
356	17.017	16.966	17.039	HH	6201	236209	3.40%	0.191%
357	17.104	17.039	17.127	HH	5874	298013	4.29%	0.241%
358	17.138	17.127	17.149	HH	5925	78360	1.13%	0.063%
359	17.211	17.149	17.234	HH	6608	314073	4.52%	0.254%
360	17.259	17.234	17.286	HH	6949	208643	3.00%	0.168%
361	17.369	17.286	17.435	HH	226136	3889886	56.01%	3.141%
362	17.459	17.435	17.475	HH	9346	212958	3.07%	0.172%
363	17.488	17.475	17.513	HH	9453	203270	2.93%	0.164%
364	17.572	17.513	17.605	HH	10550	509056	7.33%	0.411%
365	17.665	17.605	17.698	HH	12847	578827	8.33%	0.467%
366	17.744	17.698	17.773	HH	32600	941774	13.56%	0.761%
367	17.789	17.773	17.841	HH	23387	632529	9.11%	0.511%
368	17.877	17.841	17.961	HH	15186	861767	12.41%	0.696%
369	17.994	17.961	18.015	HH	11276	361043	5.20%	0.292%
370	18.064	18.015	18.079	HH	12139	444619	6.40%	0.359%
371	18.094	18.079	18.120	HH	12119	296885	4.27%	0.240%
372	18.201	18.120	18.264	HH	212966	4130465	59.47%	3.335%
373	18.307	18.264	18.377	HH	17129	1040041	14.97%	0.840%
374	18.455	18.377	18.475	HH	16300	889213	12.80%	0.718%
375	18.569	18.475	18.622	HH	38415	2311880	33.29%	1.867%
376	18.644	18.622	18.742	HH	25599	1553503	22.37%	1.254%
377	18.749	18.742	18.757	HH	19283	169644	2.44%	0.137%
378	18.792	18.757	18.862	HH	24610	1387748	19.98%	1.121%
379	18.871	18.862	18.907	HH	21171	558628	8.04%	0.451%
380	18.983	18.907	19.016	HH	156566	3422729	49.28%	2.764%
381	19.029	19.016	19.050	HH	26000	521041	7.50%	0.421%
382	19.094	19.050	19.127	HH	27963	1178700	16.97%	0.952%
383	19.143	19.127	19.183	HH	24758	804101	11.58%	0.649%
384	19.241	19.183	19.258	HH	25845	1120188	16.13%	0.905%
385	19.294	19.258	19.329	HH	79722	1909426	27.49%	1.542%
386	19.355	19.329	19.417	HH	32065	1522246	21.92%	1.229%
387	19.442	19.417	19.492	HH	29352	1293656	18.63%	1.045%
388	19.535	19.492	19.557	HH	30742	1157775	16.67%	0.935%
389	19.589	19.557	19.629	HH	34898	1380165	19.87%	1.115%
390	19.722	19.629	19.770	HH	101371	3816925	54.96%	3.082%
391	19.868	19.770	19.932	HH	51120	3745980	53.94%	3.025%
392	19.955	19.932	19.967	HH	37698	781212	11.25%	0.631%
393	20.017	19.967	20.041	HH	39672	1731541	24.93%	1.398%
394	20.081	20.041	20.124	HH	42747	2043641	29.43%	1.650%
395	20.209	20.124	20.230	HH	44484	2696930	38.83%	2.178%
396	20.351	20.230	20.361	HH	47645	3580478	51.55%	2.891%
397	20.425	20.361	20.474	HH	88963	3913363	56.35%	3.160%
398	20.606	20.474	20.630	HH	50782	4678137	67.36%	3.778%
399	20.793	20.630	20.854	HH	53947	6945191	100.00%	5.608%
400	20.873	20.854	20.892	HH	50891	1168784	16.83%	0.944%
401	20.901	20.892	20.934	HH	50955	1269048	18.27%	1.025%
402	20.971	20.934	20.989	HH	50916	1676321	24.14%	1.354%
403	21.003	20.989	21.025	HH	50969	1116984	16.08%	0.902%
404	21.070	21.025	21.152	HH	51089	3855492	55.51%	3.113%

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405 21.208 21.152 21.285 HH rteres.txt 77964 4599975 66.23% 3.715%

Sum of corrected areas: 123835310

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