

Instrument :
FID_E
ClientSampleId :
SHELL-L15-L14-TPH-2MSD

rteres

Area Percent Report

Manual Integrations
APPROVED

Ankita
10/15/2020 11:04:31 AM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101420\
Data File : FE032977.D
Signal(s) : FID1B.CH
Acq On : 14 Oct 2020 15:44
Sample : L4332-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE101420.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.359	2.303	2.498	BH	424749	3469175	5.98%	0.124%
2	2.505	2.498	2.513	PH	-2478	-24872	-0.04%	-0.001%
3	2.522	2.513	2.568	PH	3715	-36929	-0.06%	-0.001%
4	2.575	2.568	2.607	PH	-2701	-74921	-0.13%	-0.003%
5	2.623	2.607	2.633	PH	-1346	-39325	-0.07%	-0.001%
6	2.643	2.633	2.665	PH	-2015	-55396	-0.10%	-0.002%
7	2.676	2.665	2.688	PH	-2558	-45364	-0.08%	-0.002%
8	2.703	2.688	2.711	PH	-3398	-52324	-0.09%	-0.002%
9	2.720	2.711	2.779	PH	-3532	-180644	-0.31%	-0.006%
10	2.808	2.779	2.878	PH	59075	356811	0.62%	0.013%
11	2.901	2.878	2.973	PH	24812	247288	0.43%	0.009%
12	2.981	2.973	3.002	PH	-3866	-73194	-0.13%	-0.003%
13	3.007	3.002	3.030	PH	-4522	-83603	-0.14%	-0.003%
14	3.046	3.030	3.054	PH	-4467	-69997	-0.12%	-0.003%
15	3.077	3.054	3.097	PH	-163	-59444	-0.10%	-0.002%
16	3.115	3.097	3.153	PH	11149	12506	0.02%	0.000%
17	3.174	3.153	3.187	PH	-3405	-80318	-0.14%	-0.003%
18	3.198	3.187	3.219	PH	-4046	-94268	-0.16%	-0.003%
19	3.226	3.219	3.236	PH	-5727	-58820	-0.10%	-0.002%
20	3.250	3.236	3.273	PH	-5157	-123542	-0.21%	-0.004%
21	3.299	3.273	3.333	PH	-4963	-204241	-0.35%	-0.007%
22	3.348	3.333	3.358	PH	-3267	-66735	-0.12%	-0.002%
23	3.367	3.358	3.383	PH	-3411	-63210	-0.11%	-0.002%
24	3.392	3.383	3.431	PH	-4242	-157908	-0.27%	-0.006%
25	3.453	3.431	3.488	PH	13730	7626	0.01%	0.000%
26	3.494	3.488	3.514	PH	-4475	-75107	-0.13%	-0.003%
27	3.520	3.514	3.527	PH	-5279	-44171	-0.08%	-0.002%
28	3.541	3.527	3.575	PH	-4890	-156539	-0.27%	-0.006%
29	3.587	3.575	3.596	PH	-5669	-74225	-0.13%	-0.003%
30	3.615	3.596	3.633	PH	-2771	-89290	-0.15%	-0.003%
31	3.647	3.633	3.653	PH	-4605	-56452	-0.10%	-0.002%
32	3.671	3.653	3.693	PH	-3893	-111460	-0.19%	-0.004%
33	3.715	3.693	3.738	PH	45	-75107	-0.13%	-0.003%
34	3.761	3.738	3.774	PH	65	-33626	-0.06%	-0.001%
35	3.786	3.774	3.822	PH	1355	-69557	-0.12%	-0.002%
36	3.842	3.822	3.852	PH	2861	-15681	-0.03%	-0.001%

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37	3.862	3.852	3.874	PH	3028	15387	0.03%	0.001%
38	3.881	3.874	3.906	PH	141	-54094	-0.09%	-0.002%
39	3.926	3.906	3.975	PH	2491	-117668	-0.20%	-0.004%
40	4.033	3.975	4.061	PH	15350	173909	0.30%	0.006%
41	4.068	4.061	4.091	HH	4017	42650	0.07%	0.002%
42	4.100	4.091	4.137	HH	965	-55836	-0.10%	-0.002%
43	4.174	4.137	4.237	PH	36403	537701	0.93%	0.019%
44	4.247	4.237	4.289	PH	-53	-79702	-0.14%	-0.003%
45	4.318	4.289	4.333	PH	-657	-73584	-0.13%	-0.003%
46	4.360	4.333	4.376	PH	-1380	-52263	-0.09%	-0.002%
47	4.404	4.376	4.438	PH	560942	5473086	9.44%	0.196%
48	4.452	4.438	4.466	HH	7676	64660	0.11%	0.002%
49	4.476	4.466	4.495	HH	2384	15468	0.03%	0.001%
50	4.510	4.495	4.533	PH	5892	20422	0.04%	0.001%
51	4.555	4.533	4.590	PH	522454	5152011	8.89%	0.185%
52	4.623	4.590	4.644	HH	42683	735948	1.27%	0.026%
53	4.652	4.644	4.670	HH	15788	165999	0.29%	0.006%
54	4.682	4.670	4.695	HH	6006	63680	0.11%	0.002%
55	4.705	4.695	4.719	HH	3591	36657	0.06%	0.001%
56	4.730	4.719	4.741	HH	3293	26016	0.04%	0.001%
57	4.758	4.741	4.791	HH	8398	133852	0.23%	0.005%
58	4.810	4.791	4.841	PH	10940	146677	0.25%	0.005%
59	4.872	4.841	4.901	HH	13204	166829	0.29%	0.006%
60	4.924	4.901	4.936	PH	1949	19053	0.03%	0.001%
61	4.947	4.936	4.953	HH	1321	12218	0.02%	0.000%
62	4.961	4.953	4.976	HH	1774	8667	0.01%	0.000%
63	5.003	4.976	5.017	PH	10028	120002	0.21%	0.004%
64	5.043	5.017	5.067	HH	10817	204942	0.35%	0.007%
65	5.094	5.067	5.106	HH	27604	314566	0.54%	0.011%
66	5.118	5.106	5.156	HH	28958	475689	0.82%	0.017%
67	5.163	5.156	5.182	HH	7835	91088	0.16%	0.003%
68	5.208	5.182	5.217	HH	6383	92024	0.16%	0.003%
69	5.233	5.217	5.247	HH	9667	136635	0.24%	0.005%
70	5.262	5.247	5.280	HH	8946	154332	0.27%	0.006%
71	5.294	5.280	5.306	HH	8418	115426	0.20%	0.004%
72	5.324	5.306	5.341	HH	20662	259969	0.45%	0.009%
73	5.353	5.341	5.374	HH	8354	137167	0.24%	0.005%
74	5.389	5.374	5.406	HH	7234	119068	0.21%	0.004%
75	5.438	5.406	5.449	HH	27108	379158	0.65%	0.014%
76	5.459	5.449	5.482	HH	24842	363150	0.63%	0.013%
77	5.496	5.482	5.538	HH	16981	345859	0.60%	0.012%
78	5.559	5.538	5.572	HH	9666	153526	0.26%	0.006%
79	5.579	5.572	5.593	HH	8209	95708	0.17%	0.003%
80	5.623	5.593	5.656	HH	61816	1051032	1.81%	0.038%
81	5.718	5.656	5.758	HH	71265	2032766	3.51%	0.073%
82	5.772	5.758	5.793	HH	35632	571356	0.99%	0.020%
83	5.806	5.793	5.814	HH	18401	223899	0.39%	0.008%
84	5.840	5.814	5.866	HH	22141	542364	0.94%	0.019%
85	5.888	5.866	5.909	HH	22431	399763	0.69%	0.014%
86	5.944	5.909	5.964	HH	35963	804378	1.39%	0.029%
87	5.988	5.964	6.018	HH	359175	4385680	7.56%	0.157%
88	6.027	6.018	6.057	HH	45391	845219	1.46%	0.030%
89	6.077	6.057	6.096	HH	46721	831660	1.43%	0.030%

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					rt	Area	Area%	Height
90	6.115	6.096	6.144	HH	53511	1145662	1.98%	0.041%
91	6.168	6.144	6.185	HH	39184	852365	1.47%	0.031%
92	6.201	6.185	6.209	HH	40150	491386	0.85%	0.018%
93	6.221	6.209	6.234	HH	46250	616947	1.06%	0.022%
94	6.251	6.234	6.271	HH	38298	750598	1.29%	0.027%
95	6.291	6.271	6.308	HH	43782	788583	1.36%	0.028%
96	6.339	6.308	6.353	HH	55027	1139804	1.97%	0.041%
97	6.367	6.353	6.385	HH	54890	879482	1.52%	0.032%
98	6.414	6.385	6.453	HH	592237	7351194	12.68%	0.264%
99	6.467	6.453	6.485	HH	42692	782197	1.35%	0.028%
100	6.504	6.485	6.516	HH	53481	850450	1.47%	0.031%
101	6.529	6.516	6.534	HH	49197	489159	0.84%	0.018%
102	6.561	6.534	6.580	HH	120008	2106030	3.63%	0.076%
103	6.602	6.580	6.625	HH	80658	1706850	2.94%	0.061%
104	6.631	6.625	6.649	HH	48147	646195	1.11%	0.023%
105	6.685	6.649	6.710	HH	66814	2040071	3.52%	0.073%
106	6.736	6.710	6.757	HH	90946	2005748	3.46%	0.072%
107	6.771	6.757	6.781	HH	72959	971665	1.68%	0.035%
108	6.814	6.781	6.835	HH	97453	2551661	4.40%	0.092%
109	6.872	6.835	6.892	HH	82747	2381878	4.11%	0.085%
110	6.911	6.892	6.921	HH	98981	1469785	2.54%	0.053%
111	6.934	6.921	6.952	HH	102753	1716454	2.96%	0.062%
112	6.972	6.952	6.997	HH	125181	2604987	4.49%	0.093%
113	7.044	6.997	7.090	HH	389221	8298062	14.31%	0.298%
114	7.114	7.090	7.155	HH	175396	4725442	8.15%	0.169%
115	7.178	7.155	7.200	HH	425045	5951275	10.26%	0.213%
116	7.215	7.200	7.232	HH	141371	2293680	3.96%	0.082%
117	7.242	7.232	7.273	HH	103079	2405720	4.15%	0.086%
118	7.302	7.273	7.312	HH	116769	2434802	4.20%	0.087%
119	7.330	7.312	7.364	HH	112702	3345654	5.77%	0.120%
120	7.386	7.364	7.403	HH	118941	2626602	4.53%	0.094%
121	7.406	7.403	7.412	HH	117766	686698	1.18%	0.025%
122	7.424	7.412	7.441	HH	129493	2018737	3.48%	0.072%
123	7.468	7.441	7.480	HH	124957	2773257	4.78%	0.099%
124	7.511	7.480	7.543	HH	181196	5317232	9.17%	0.191%
125	7.564	7.543	7.579	HH	122501	2480266	4.28%	0.089%
126	7.594	7.579	7.604	HH	129166	1750992	3.02%	0.063%
127	7.627	7.604	7.655	HH	185697	4675000	8.06%	0.168%
128	7.673	7.655	7.692	HH	160168	3106489	5.36%	0.111%
129	7.718	7.692	7.737	HH	138676	3515590	6.06%	0.126%
130	7.768	7.737	7.784	HH	195961	4548937	7.85%	0.163%
131	7.795	7.784	7.804	HH	170441	2004854	3.46%	0.072%
132	7.816	7.804	7.835	HH	173657	2892744	4.99%	0.104%
133	7.859	7.835	7.877	HH	158872	3743742	6.46%	0.134%
134	7.947	7.877	7.986	HH	343065	14341698	24.74%	0.514%
135	8.031	7.986	8.070	HH	410970	13019527	22.46%	0.467%
136	8.088	8.070	8.108	HH	234996	4754737	8.20%	0.171%
137	8.144	8.108	8.159	HH	575113	10067083	17.36%	0.361%
138	8.172	8.159	8.188	HH	384389	5494538	9.48%	0.197%
139	8.213	8.188	8.240	HH	777103	12819802	22.11%	0.460%
140	8.280	8.240	8.297	HH	394175	9960151	17.18%	0.357%
141	8.328	8.297	8.350	HH	367457	10235353	17.65%	0.367%

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142	8.372	8.350	8.402	HH	397200	9109131	15.71%	0.327%
143	8.419	8.402	8.444	HH	328737	6577041	11.34%	0.236%
144	8.460	8.444	8.491	HH	265711	7147287	12.33%	0.256%
145	8.498	8.491	8.526	HH	246497	4537978	7.83%	0.163%
146	8.566	8.526	8.578	HH	254699	6968761	12.02%	0.250%
147	8.600	8.578	8.605	HH	307824	4564926	7.87%	0.164%
148	8.625	8.605	8.648	HH	601724	10257586	17.69%	0.368%
149	8.669	8.648	8.692	HH	473171	9002771	15.53%	0.323%
150	8.709	8.692	8.715	HH	302925	4042139	6.97%	0.145%
151	8.736	8.715	8.770	HH	498239	12274203	21.17%	0.440%
152	8.781	8.770	8.801	HH	269143	4749494	8.19%	0.170%
153	8.828	8.801	8.843	HH	293396	6823325	11.77%	0.245%
154	8.863	8.843	8.881	HH	459309	8018824	13.83%	0.288%
155	8.898	8.881	8.921	HH	460469	8447932	14.57%	0.303%
156	8.935	8.921	8.943	HH	306332	3859317	6.66%	0.138%
157	8.954	8.943	8.971	HH	329711	5283128	9.11%	0.189%
158	8.986	8.971	9.003	HH	328223	5880804	10.14%	0.211%
159	9.011	9.003	9.016	HH	293329	2282569	3.94%	0.082%
160	9.032	9.016	9.057	HH	372450	7938238	13.69%	0.285%
161	9.075	9.057	9.095	HH	407921	7481859	12.90%	0.268%
162	9.116	9.095	9.151	HH	305308	9239431	15.94%	0.331%
163	9.189	9.151	9.208	HH	411559	10457400	18.04%	0.375%
164	9.224	9.208	9.253	HH	361688	8277338	14.28%	0.297%
165	9.274	9.253	9.293	HH	299029	6772632	11.68%	0.243%
166	9.329	9.293	9.354	HH	437538	12884025	22.22%	0.462%
167	9.368	9.354	9.384	HH	316552	5393785	9.30%	0.193%
168	9.416	9.384	9.459	HH	814745	21697068	37.42%	0.778%
169	9.488	9.459	9.520	HH	452141	13180460	22.73%	0.473%
170	9.533	9.520	9.544	HH	355972	4751823	8.20%	0.170%
171	9.563	9.544	9.578	HH	477294	8259359	14.25%	0.296%
172	9.588	9.578	9.602	HH	381583	5088928	8.78%	0.183%
173	9.621	9.602	9.664	HH	407046	12450941	21.48%	0.447%
174	9.670	9.664	9.684	HH	298619	3375996	5.82%	0.121%
175	9.692	9.684	9.706	HH	290222	3821819	6.59%	0.137%
176	9.732	9.706	9.749	HH	397968	8697445	15.00%	0.312%
177	9.766	9.749	9.793	HH	344969	8849289	15.26%	0.317%
178	9.815	9.793	9.854	HH	880840	18452564	31.83%	0.662%
179	9.865	9.854	9.880	HH	327211	4896926	8.45%	0.176%
180	9.897	9.880	9.906	HH	333866	4916085	8.48%	0.176%
181	9.919	9.906	9.954	HH	333148	8853728	15.27%	0.318%
182	9.995	9.954	10.027	HH	344327	13674706	23.59%	0.490%
183	10.034	10.027	10.059	HH	305554	5591975	9.65%	0.201%
184	10.087	10.059	10.093	HH	303141	5872146	10.13%	0.211%
185	10.098	10.093	10.103	HH	302040	1765889	3.05%	0.063%
186	10.114	10.103	10.137	HH	318904	6270719	10.82%	0.225%
187	10.155	10.137	10.177	HH	354744	7900161	13.63%	0.283%
188	10.202	10.177	10.225	HH	448426	10479964	18.08%	0.376%
189	10.270	10.225	10.276	HH	395567	10528480	18.16%	0.378%
190	10.296	10.276	10.319	HH	561921	11530221	19.89%	0.414%
191	10.340	10.319	10.375	HH	530877	13216800	22.80%	0.474%
192	10.413	10.375	10.457	HH	497064	18348463	31.65%	0.658%
193	10.474	10.457	10.519	HH	375855	12985977	22.40%	0.466%
194	10.553	10.519	10.565	HH	383392	9809819	16.92%	0.352%

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195	10.583	10.565	10.598	HH	441955	8054743	13.89%	0.289%
196	10.626	10.598	10.659	HH	658097	17138894	29.56%	0.615%
197	10.674	10.659	10.680	HH	352328	4491197	7.75%	0.161%
198	10.687	10.680	10.706	HH	352878	5329633	9.19%	0.191%
199	10.718	10.706	10.743	HH	351995	7406731	12.78%	0.266%
200	10.759	10.743	10.776	HH	336570	6519623	11.25%	0.234%
201	10.846	10.776	10.878	HH	2448987	55106802	95.05%	1.976%
202	10.911	10.878	10.932	HH	1233791	20872820	36.00%	0.749%
203	10.944	10.932	10.974	HH	393566	9261557	15.97%	0.332%
204	10.990	10.974	11.000	HH	346253	5281453	9.11%	0.189%
205	11.007	11.000	11.014	HH	343888	2781510	4.80%	0.100%
206	11.031	11.014	11.050	HH	360448	7383953	12.74%	0.265%
207	11.065	11.050	11.074	HH	337822	4869444	8.40%	0.175%
208	11.091	11.074	11.101	HH	351585	5503510	9.49%	0.197%
209	11.123	11.101	11.150	HH	474823	11856000	20.45%	0.425%
210	11.169	11.150	11.175	HH	401053	5579476	9.62%	0.200%
211	11.181	11.175	11.199	HH	397517	5512761	9.51%	0.198%
212	11.217	11.199	11.235	HH	420835	8567006	14.78%	0.307%
213	11.261	11.235	11.282	HH	865411	15819103	27.29%	0.567%
214	11.311	11.282	11.328	HH	395536	10211283	17.61%	0.366%
215	11.348	11.328	11.382	HH	661753	14877113	25.66%	0.534%
216	11.416	11.382	11.437	HH	416346	12006053	20.71%	0.431%
217	11.475	11.437	11.501	HH	443357	14074213	24.28%	0.505%
218	11.522	11.501	11.537	HH	363730	7716243	13.31%	0.277%
219	11.544	11.537	11.550	HH	351200	2566637	4.43%	0.092%
220	11.556	11.550	11.562	HH	351359	2614806	4.51%	0.094%
221	11.567	11.562	11.593	HH	350216	6288790	10.85%	0.226%
222	11.632	11.593	11.648	HH	841401	18027229	31.09%	0.647%
223	11.667	11.648	11.698	HH	1015841	17931373	30.93%	0.643%
224	11.750	11.698	11.766	HH	815871	22883402	39.47%	0.821%
225	11.784	11.766	11.798	HH	745525	11701958	20.18%	0.420%
226	11.817	11.798	11.854	HH	962348	18869525	32.55%	0.677%
227	11.886	11.854	11.895	HH	386021	8819588	15.21%	0.316%
228	11.914	11.895	11.953	HH	400032	12927547	22.30%	0.464%
229	11.968	11.953	11.987	HH	357909	6922170	11.94%	0.248%
230	12.027	11.987	12.054	HH	389049	14647724	25.26%	0.525%
231	12.065	12.054	12.081	HH	359005	5607614	9.67%	0.201%
232	12.105	12.081	12.127	HH	576744	12069055	20.82%	0.433%
233	12.142	12.127	12.159	HH	385006	7005307	12.08%	0.251%
234	12.222	12.159	12.241	HH	580718	22693628	39.14%	0.814%
235	12.259	12.241	12.278	HH	414338	8443487	14.56%	0.303%
236	12.296	12.278	12.309	HH	398490	6902297	11.91%	0.248%
237	12.334	12.309	12.342	HH	411006	7672800	13.23%	0.275%
238	12.353	12.342	12.369	HH	428751	6535541	11.27%	0.234%
239	12.376	12.369	12.387	HH	400275	4214379	7.27%	0.151%
240	12.399	12.387	12.406	HH	385529	4268351	7.36%	0.153%
241	12.423	12.406	12.474	HH	477721	16161293	27.88%	0.580%
242	12.507	12.474	12.514	HH	431037	9038865	15.59%	0.324%
243	12.540	12.514	12.556	HH	719841	14363582	24.77%	0.515%
244	12.577	12.556	12.631	HH	973249	25811505	44.52%	0.926%
245	12.687	12.631	12.733	HH	2327780	57977126	100.00%	2.079%
246	12.752	12.733	12.769	HH	355571	7162450	12.35%	0.257%

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247	12.799	12.769	12.825	HH	439743	12604790	21.74%	0.452%
248	12.842	12.825	12.864	HH	441667	9006151	15.53%	0.323%
249	12.879	12.864	12.884	HH	362930	4266357	7.36%	0.153%
250	12.901	12.884	12.914	HH	370091	6553759	11.30%	0.235%
251	12.922	12.914	12.932	HH	356561	3652422	6.30%	0.131%
252	12.984	12.932	12.998	HH	2179101	46144747	79.59%	1.655%
253	13.014	12.998	13.028	HH	533608	7984118	13.77%	0.286%
254	13.043	13.028	13.088	HH	540092	14967728	25.82%	0.537%
255	13.123	13.088	13.141	HH	396462	10888282	18.78%	0.390%
256	13.151	13.141	13.164	HH	329314	4541835	7.83%	0.163%
257	13.177	13.164	13.195	HH	329906	5788335	9.98%	0.208%
258	13.221	13.195	13.258	HH	452505	13747493	23.71%	0.493%
259	13.280	13.258	13.317	HH	378325	11654375	20.10%	0.418%
260	13.347	13.317	13.361	HH	376676	8775398	15.14%	0.315%
261	13.366	13.361	13.385	HH	358476	5038329	8.69%	0.181%
262	13.415	13.385	13.477	HH	609583	21772037	37.55%	0.781%
263	13.554	13.477	13.585	HH	928092	30163779	52.03%	1.082%
264	13.602	13.585	13.622	HH	333409	6888436	11.88%	0.247%
265	13.654	13.622	13.679	HH	873697	18907451	32.61%	0.678%
266	13.700	13.679	13.739	HH	640839	15018329	25.90%	0.539%
267	13.766	13.739	13.788	HH	809672	15313407	26.41%	0.549%
268	13.824	13.788	13.844	HH	570926	14312194	24.69%	0.513%
269	13.864	13.844	13.894	HH	542826	11482412	19.81%	0.412%
270	13.905	13.894	13.921	HH	296295	4776947	8.24%	0.171%
271	13.933	13.921	13.949	HH	279975	4583102	7.91%	0.164%
272	13.961	13.949	13.966	HH	282743	2885708	4.98%	0.103%
273	13.983	13.966	14.025	HH	289555	9881574	17.04%	0.354%
274	14.041	14.025	14.053	HH	274834	4434162	7.65%	0.159%
275	14.068	14.053	14.086	HH	262926	5085238	8.77%	0.182%
276	14.094	14.086	14.101	HH	251553	2213066	3.82%	0.079%
277	14.123	14.101	14.139	HH	299278	6322199	10.90%	0.227%
278	14.154	14.139	14.180	HH	279296	6512487	11.23%	0.234%
279	14.247	14.180	14.263	HH	398330	15807308	27.26%	0.567%
280	14.274	14.263	14.302	HH	365138	7329047	12.64%	0.263%
281	14.342	14.302	14.366	HH	349666	12342600	21.29%	0.443%
282	14.383	14.366	14.430	HH	361722	11844088	20.43%	0.425%
283	14.458	14.430	14.475	HH	460765	9637283	16.62%	0.346%
284	14.485	14.475	14.494	HH	350665	3901607	6.73%	0.140%
285	14.521	14.494	14.546	HH	558725	13488994	23.27%	0.484%
286	14.568	14.546	14.619	HH	324030	12787861	22.06%	0.459%
287	14.635	14.619	14.640	HH	269533	3378540	5.83%	0.121%
288	14.668	14.640	14.692	HH	678699	14029411	24.20%	0.503%
289	14.707	14.692	14.750	HH	321029	9319447	16.07%	0.334%
290	14.755	14.750	14.765	HH	230495	2049075	3.53%	0.073%
291	14.791	14.765	14.802	HH	273507	5715108	9.86%	0.205%
292	14.854	14.802	14.879	HH	1320545	37010388	63.84%	1.327%
293	14.900	14.879	14.941	HH	1357793	24815821	42.80%	0.890%
294	14.947	14.941	14.962	HH	263444	3164305	5.46%	0.113%
295	15.005	14.962	15.058	HH	561510	19934113	34.38%	0.715%
296	15.091	15.058	15.118	HH	300109	9448892	16.30%	0.339%
297	15.147	15.118	15.165	HH	327231	8072418	13.92%	0.290%
298	15.183	15.165	15.203	HH	328729	6557848	11.31%	0.235%
299	15.214	15.203	15.224	HH	263977	3282240	5.66%	0.118%

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300	15.245	15.224	15.358	HH	479742	23182400	39.99%	0.831%
301	15.383	15.358	15.403	HH	273641	6606159	11.39%	0.237%
302	15.417	15.403	15.434	HH	253885	4514744	7.79%	0.162%
303	15.457	15.434	15.477	HH	279729	6426987	11.09%	0.230%
304	15.511	15.477	15.530	HH	577930	12204865	21.05%	0.438%
305	15.548	15.530	15.581	HH	392084	9230766	15.92%	0.331%
306	15.601	15.581	15.629	HH	337425	8435544	14.55%	0.303%
307	15.659	15.629	15.664	HH	412676	7242767	12.49%	0.260%
308	15.676	15.664	15.714	HH	427779	9924831	17.12%	0.356%
309	15.735	15.714	15.771	HH	298589	8670158	14.95%	0.311%
310	15.785	15.771	15.802	HH	233154	4109090	7.09%	0.147%
311	15.820	15.802	15.846	HH	255322	6015700	10.38%	0.216%
312	15.889	15.846	15.921	HH	642863	15770311	27.20%	0.566%
313	15.927	15.921	15.960	HH	244611	5274910	9.10%	0.189%
314	15.980	15.960	15.987	HH	207165	3363235	5.80%	0.121%
315	16.001	15.987	16.022	HH	214682	4365824	7.53%	0.157%
316	16.043	16.022	16.048	HH	207325	3106662	5.36%	0.111%
317	16.055	16.048	16.061	HH	211123	1636710	2.82%	0.059%
318	16.099	16.061	16.123	HH	252784	8450213	14.58%	0.303%
319	16.141	16.123	16.158	HH	232168	4478121	7.72%	0.161%
320	16.200	16.158	16.229	HH	272320	10187512	17.57%	0.365%
321	16.260	16.229	16.283	HH	281587	7999550	13.80%	0.287%
322	16.316	16.283	16.348	HH	250515	9131316	15.75%	0.327%
323	16.424	16.348	16.438	HH	1062237	28712210	49.52%	1.030%
324	16.445	16.438	16.495	HH	756623	12111325	20.89%	0.434%
325	16.538	16.495	16.605	HH	432570	16883745	29.12%	0.606%
326	16.619	16.605	16.633	HH	214493	3488914	6.02%	0.125%
327	16.673	16.633	16.699	HH	357915	11043733	19.05%	0.396%
328	16.739	16.699	16.764	HH	733967	17353121	29.93%	0.622%
329	16.810	16.764	16.822	HH	1042348	20861737	35.98%	0.748%
330	16.837	16.822	16.863	HH	640732	10675940	18.41%	0.383%
331	16.893	16.863	16.914	HH	424429	9479441	16.35%	0.340%
332	16.927	16.914	16.942	HH	239612	3799556	6.55%	0.136%
333	16.951	16.942	16.975	HH	223428	4331509	7.47%	0.155%
334	17.023	16.975	17.068	HH	287176	13746746	23.71%	0.493%
335	17.083	17.068	17.104	HH	239419	4856183	8.38%	0.174%
336	17.150	17.104	17.181	HH	336107	13031970	22.48%	0.467%
337	17.186	17.181	17.226	HH	302049	6835112	11.79%	0.245%
338	17.248	17.226	17.262	HH	232441	4749871	8.19%	0.170%
339	17.284	17.262	17.300	HH	291219	6089537	10.50%	0.218%
340	17.306	17.300	17.341	HH	257415	5475579	9.44%	0.196%
341	17.375	17.341	17.388	HH	243709	6347173	10.95%	0.228%
342	17.400	17.388	17.422	HH	242629	4724881	8.15%	0.169%
343	17.447	17.422	17.477	HH	298016	8163011	14.08%	0.293%
344	17.487	17.477	17.519	HH	218783	5117503	8.83%	0.184%
345	17.542	17.519	17.547	HH	209177	3302710	5.70%	0.118%
346	17.563	17.547	17.600	HH	219806	6510090	11.23%	0.233%
347	17.635	17.600	17.663	HH	195906	7146502	12.33%	0.256%
348	17.725	17.663	17.758	HH	602985	17069267	29.44%	0.612%
349	17.770	17.758	17.800	HH	220769	5235630	9.03%	0.188%
350	17.820	17.800	17.833	HH	199218	3889152	6.71%	0.139%
351	17.868	17.833	17.897	HH	268113	8521457	14.70%	0.306%

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352	17.922	17.897	17.941	HH	235867	5702417	9.84%	0.205%
353	17.950	17.941	18.034	HH	231903	11507006	19.85%	0.413%
354	18.076	18.034	18.121	HH	431513	14554827	25.10%	0.522%
355	18.182	18.121	18.224	HH	629744	20915845	36.08%	0.750%
356	18.240	18.224	18.264	HH	266979	5664483	9.77%	0.203%
357	18.295	18.264	18.312	HH	314969	7260429	12.52%	0.260%
358	18.325	18.312	18.353	HH	287251	6284782	10.84%	0.225%
359	18.362	18.353	18.390	HH	221702	4786550	8.26%	0.172%
360	18.437	18.390	18.481	HH	583284	16721303	28.84%	0.600%
361	18.503	18.481	18.508	HH	225259	3498295	6.03%	0.125%
362	18.512	18.508	18.519	HH	222029	1409559	2.43%	0.051%
363	18.557	18.519	18.622	HH	679909	20593764	35.52%	0.739%
364	18.655	18.622	18.684	HH	203814	7185826	12.39%	0.258%
365	18.706	18.684	18.715	HH	197201	3583861	6.18%	0.129%
366	18.727	18.715	18.781	HH	207633	7723468	13.32%	0.277%
367	18.798	18.781	18.814	HH	197427	3900093	6.73%	0.140%
368	18.852	18.814	18.874	HH	231786	7650898	13.20%	0.274%
369	18.906	18.874	18.928	HH	277475	7954558	13.72%	0.285%
370	18.940	18.928	18.978	HH	237238	6663439	11.49%	0.239%
371	18.989	18.978	19.015	HH	212649	4641565	8.01%	0.166%
372	19.030	19.015	19.066	HH	218709	6138929	10.59%	0.220%
373	19.101	19.066	19.145	HH	225638	9665152	16.67%	0.347%
374	19.161	19.145	19.171	HH	189128	2898617	5.00%	0.104%
375	19.198	19.171	19.231	HH	198641	6802363	11.73%	0.244%
376	19.255	19.231	19.268	HH	181997	3880615	6.69%	0.139%
377	19.286	19.268	19.299	HH	180275	3342130	5.76%	0.120%
378	19.337	19.299	19.380	HH	459400	12819314	22.11%	0.460%
379	19.428	19.380	19.478	HH	200238	11082029	19.11%	0.397%
380	19.499	19.478	19.529	HH	191561	5657043	9.76%	0.203%
381	19.535	19.529	19.539	HH	181835	1088867	1.88%	0.039%
382	19.591	19.539	19.624	HH	297076	12166134	20.98%	0.436%
383	19.665	19.624	19.743	HH	295474	18256567	31.49%	0.655%
384	19.767	19.743	19.855	HH	220858	13625072	23.50%	0.489%
385	19.894	19.855	19.933	HH	205426	9001648	15.53%	0.323%
386	19.994	19.933	20.039	HH	277964	14961130	25.81%	0.537%
387	20.076	20.039	20.168	HH	448915	20405977	35.20%	0.732%
388	20.176	20.168	20.189	HH	207491	2674922	4.61%	0.096%
389	20.205	20.189	20.214	HH	212026	3119381	5.38%	0.112%
390	20.240	20.214	20.268	HH	222791	6890551	11.88%	0.247%
391	20.282	20.268	20.301	HH	206888	3978490	6.86%	0.143%
392	20.314	20.301	20.394	HH	202234	10969927	18.92%	0.393%
393	20.427	20.394	20.458	HH	198744	7397602	12.76%	0.265%
394	20.465	20.458	20.526	HH	189124	7573175	13.06%	0.272%
395	20.615	20.604	20.633	HH	175602	3038018	5.24%	0.109%
396	20.639	20.633	20.648	HH	175110	1502279	2.59%	0.054%
397	20.658	20.648	20.684	HH	174327	3736100	6.44%	0.134%
398	20.704	20.684	20.712	HH	174607	2927741	5.05%	0.105%
399	20.731	20.712	20.749	HH	175306	3879116	6.69%	0.139%
400	20.811	20.749	20.906	HH	323634	18382598	31.71%	0.659%
401	20.913	20.906	20.951	HH	162783	4357576	7.52%	0.156%
402	20.962	20.951	20.973	HH	161022	2090822	3.61%	0.075%
403	20.982	20.973	21.003	HH	161106	2859207	4.93%	0.103%
404	21.011	21.003	21.022	HH	159189	1870588	3.23%	0.067%

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405	21.038	21.022	21.066	HH	159092	4106261	7.08%	0.147%
406	21.083	21.066	21.132	HH	155442	6169364	10.64%	0.221%
407	21.144	21.132	21.181	HH	154966	4461127	7.69%	0.160%
408	21.207	21.181	21.219	HH	154480	3506581	6.05%	0.126%
409	21.240	21.219	21.286	HH	158342	6168526	10.64%	0.221%
410	21.316	21.286	21.336	HH	151143	4479667	7.73%	0.161%
411	21.437	21.429	21.471	HH	146334	3619426	6.24%	0.130%
412	21.494	21.471	21.524	HH	144568	4583309	7.91%	0.164%
413	21.545	21.524	21.558	HH	144557	2864579	4.94%	0.103%
414	21.608	21.558	21.661	HH	149968	9003112	15.53%	0.323%
415	21.727	21.661	21.798	HH	249954	14136531	24.38%	0.507%

Sum of corrected areas: 2788294102

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