

Instrument :

FID_E

ClientSampleId :

HELENS-0602

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/07/2022

Supervised By :Ankita Jodhani 06/07/2022

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE06062
Data File : FE035917.D
Signal(s) : FID1B.CH
Acq On : 06 Jun 2022 17:21
Sample : N3168-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
Title : GC Extractables

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.149	3.132	3.177	VV	2007	18542	0.14%	0.006%
2	3.240	3.202	3.266	VV	1346	15850	0.12%	0.005%
3	3.427	3.405	3.489	VV	1679	25465	0.19%	0.009%
4	3.616	3.566	3.645	VV	513	13677	0.10%	0.005%
5	4.335	4.319	4.356	VV	1134	11412	0.09%	0.004%
6	4.652	4.624	4.689	PV	875	11175	0.08%	0.004%
7	4.867	4.847	4.893	VV	1946	21604	0.16%	0.007%
8	5.349	5.309	5.365	VV	658	13396	0.10%	0.004%
9	5.385	5.365	5.413	VV	1408	19218	0.14%	0.006%
10	5.437	5.413	5.471	VV	938	15092	0.11%	0.005%
11	5.569	5.538	5.589	VV	586	11609	0.09%	0.004%
12	5.653	5.632	5.677	VV	853	12400	0.09%	0.004%
13	5.740	5.718	5.781	VV	641	14029	0.11%	0.005%
14	5.800	5.781	5.865	VV	525	16133	0.12%	0.005%
15	5.953	5.910	5.967	PV	583	10020	0.08%	0.003%
16	6.000	5.967	6.042	VV	806	15106	0.11%	0.005%
17	6.260	6.244	6.296	VV	811	14982	0.11%	0.005%
18	6.458	6.437	6.487	VV	874	14097	0.11%	0.005%
19	6.530	6.518	6.555	VV	901	10882	0.08%	0.004%
20	6.609	6.576	6.636	VV	771	17525	0.13%	0.006%
21	6.722	6.699	6.760	VV	717	18339	0.14%	0.006%
22	6.910	6.878	6.975	VV	864	23184	0.17%	0.008%
23	7.043	6.990	7.099	VV	613412	5991044	44.89%	2.003%
24	7.112	7.099	7.146	VV	1179	27638	0.21%	0.009%
25	7.159	7.146	7.199	VV	1079	25357	0.19%	0.008%
26	7.295	7.267	7.319	VV	593	12691	0.10%	0.004%
27	7.337	7.319	7.361	VV	967	14890	0.11%	0.005%
28	7.418	7.382	7.438	VV	1540	23460	0.18%	0.008%
29	7.476	7.459	7.512	VV	1004	23855	0.18%	0.008%
30	7.528	7.512	7.544	VV	986	12246	0.09%	0.004%
31	7.562	7.544	7.572	VV	1308	18684	0.14%	0.006%
32	7.589	7.572	7.626	VV	1692	38161	0.29%	0.013%
33	7.640	7.626	7.663	VV	736	10916	0.08%	0.004%
34	7.710	7.691	7.734	VV	796	14214	0.11%	0.005%
35	7.763	7.734	7.777	VV	1571	23290	0.17%	0.008%
36	7.822	7.804	7.834	VV	857	10856	0.08%	0.004%

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37	7.911	7.853	7.967	VV	411042	4137377	31.00%	1.383%	
38	7.992	7.967	8.028	VV	1085	30792			
39	8.061	8.028	8.084	VV	1809	35729			
40	8.094	8.084	8.106	VV	954	11955			
41	8.128	8.106	8.152	VV	2642	39072			
42	8.211	8.189	8.241	VV	1315	26008			
43	8.277	8.261	8.296	VV	1073	16919	0.13%	0.006%	
44	8.326	8.296	8.377	VV	1334	44288	0.33%	0.015%	
45	8.414	8.377	8.447	VV	1508	36907	0.28%	0.012%	
46	8.458	8.447	8.487	VV	760	13056	0.10%	0.004%	
47	8.500	8.487	8.539	VV	628	13372	0.10%	0.004%	
48	8.569	8.539	8.590	VV	641	13338	0.10%	0.004%	
49	8.734	8.719	8.772	VV	1185	23671	0.18%	0.008%	
50	8.810	8.772	8.837	VV	1113	29602	0.22%	0.010%	
51	8.868	8.837	8.904	VV	1312	28732	0.22%	0.010%	
52	8.925	8.904	8.939	VV	605	10156	0.08%	0.003%	
53	9.028	9.005	9.049	VV	956	14656	0.11%	0.005%	
54	9.126	9.086	9.176	VV	885	35366	0.26%	0.012%	
55	9.193	9.176	9.266	VV	1622	34292	0.26%	0.011%	
56	9.368	9.316	9.422	PV	567	12765	0.10%	0.004%	
57	9.539	9.489	9.555	VV	557	13083	0.10%	0.004%	
58	9.581	9.555	9.611	VV	2261	33162	0.25%	0.011%	
59	9.635	9.611	9.656	VV	1130	19924	0.15%	0.007%	
60	9.666	9.656	9.694	VV	870	13843	0.10%	0.005%	
61	9.730	9.694	9.754	VV	896	20031	0.15%	0.007%	
62	9.845	9.797	9.872	VV	986	30738	0.23%	0.010%	
63	9.928	9.897	9.966	VV	1786	34111	0.26%	0.011%	
64	10.001	9.966	10.108	VV	3832	79233	0.59%	0.026%	
65	10.146	10.108	10.166	VV	686	14702	0.11%	0.005%	
66	10.188	10.166	10.232	VV	1372	28737	0.22%	0.010%	
67	10.263	10.232	10.291	VV	960	16079	0.12%	0.005%	
68	10.323	10.291	10.370	VV	764	15404	0.12%	0.005%	
69	10.490	10.462	10.522	VV	514	10843	0.08%	0.004%	
70	10.563	10.522	10.587	PV	1262	22673	0.17%	0.008%	
71	10.631	10.612	10.690	VV	2167	39916	0.30%	0.013%	
72	10.721	10.690	10.751	VV	3281	51773	0.39%	0.017%	
73	10.836	10.806	10.853	PV	520	10122	0.08%	0.003%	
74	10.879	10.853	10.911	VV	581	14597	0.11%	0.005%	
75	10.954	10.911	11.002	VV	523343	6003750	44.99%	2.007%	
76	11.020	11.002	11.042	VV	967	14585	0.11%	0.005%	
77	11.105	11.057	11.122	VV	1378	30122	0.23%	0.010%	
78	11.138	11.122	11.159	VV	1118	16054	0.12%	0.005%	
79	11.172	11.159	11.221	VV	759	14491	0.11%	0.005%	
80	11.296	11.257	11.329	VV	1601	43241	0.32%	0.014%	
81	11.349	11.329	11.373	VV	6497	79021	0.59%	0.026%	
82	11.389	11.373	11.406	VV	1033	13307	0.10%	0.004%	
83	11.455	11.431	11.475	VV	551	10969	0.08%	0.004%	
84	11.540	11.475	11.584	PV	12546	175776	1.32%	0.059%	
85	11.601	11.584	11.616	VV	680	11140	0.08%	0.004%	
86	11.636	11.616	11.649	VV	725	10417	0.08%	0.003%	
87	11.666	11.649	11.697	VV	1230	24662	0.18%	0.008%	
88	11.746	11.697	11.759	VV	630	18553	0.14%	0.006%	
89	11.778	11.759	11.822	VV	786	18973	0.14%	0.006%	

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90	11.886	11.822	11.909	VV	1926	44302	0.33%	0.015%
91	11.940	11.909	11.976	VV	2460	52074		
92	12.002	11.976	12.042	VV	5166	73166		
93	12.059	12.042	12.087	VV	724	12973		
94	12.131	12.114	12.151	VV	852	12310		
95	12.193	12.151	12.222	VV	1003	26537		
96	12.249	12.222	12.273	VV	944	20869	0.16%	0.007%
97	12.300	12.273	12.319	PV	6440	81841	0.61%	0.027%
98	12.334	12.319	12.350	VV	3272	45091	0.34%	0.015%
99	12.386	12.350	12.460	VV	386297	4661786	34.93%	1.558%
100	12.489	12.460	12.531	VV	1167	28415	0.21%	0.009%
101	12.556	12.531	12.588	VV	1916	42802	0.32%	0.014%
102	12.633	12.588	12.686	VV	1661	54129	0.41%	0.018%
103	12.723	12.686	12.744	VV	998	19292	0.14%	0.006%
104	12.771	12.744	12.799	VV	2592	37318	0.28%	0.012%
105	12.820	12.799	12.832	VV	873	13266	0.10%	0.004%
106	12.886	12.864	12.914	VV	1331	19895	0.15%	0.007%
107	12.932	12.914	12.977	VV	1013	17129	0.13%	0.006%
108	12.996	12.977	13.019	PV	1290	17008	0.13%	0.006%
109	13.039	13.019	13.051	VV	1113	15356	0.12%	0.005%
110	13.084	13.051	13.106	VV	1655	34546	0.26%	0.012%
111	13.161	13.106	13.184	VV	2960	76317	0.57%	0.026%
112	13.204	13.184	13.227	VV	1236	16554	0.12%	0.006%
113	13.272	13.255	13.314	VV	757	15437	0.12%	0.005%
114	13.347	13.314	13.359	PV	828	11923	0.09%	0.004%
115	13.501	13.461	13.513	PV	940	10776	0.08%	0.004%
116	13.569	13.513	13.588	VV	1323	44159	0.33%	0.015%
117	13.618	13.588	13.636	VV	1704	35466	0.27%	0.012%
118	13.649	13.636	13.677	VV	1853	25580	0.19%	0.009%
119	13.697	13.677	13.716	VV	2349	33866	0.25%	0.011%
120	13.730	13.716	13.739	VV	1107	15769	0.12%	0.005%
121	13.760	13.739	13.777	VV	1598	28478	0.21%	0.010%
122	13.801	13.777	13.819	VV	1782	33561	0.25%	0.011%
123	13.829	13.819	13.844	VV	1534	16053	0.12%	0.005%
124	13.863	13.844	13.884	VV	1712	21976	0.16%	0.007%
125	13.911	13.884	13.936	VV	937	17697	0.13%	0.006%
126	13.986	13.936	14.009	VV	1711	36130	0.27%	0.012%
127	14.121	14.038	14.133	PV	839	22589	0.17%	0.008%
128	14.172	14.133	14.192	VV	3491	56795	0.43%	0.019%
129	14.214	14.192	14.257	VV	3763	80262	0.60%	0.027%
130	14.277	14.257	14.292	VV	2321	32263	0.24%	0.011%
131	14.313	14.292	14.324	VV	2094	30560	0.23%	0.010%
132	14.330	14.324	14.346	VV	1820	19603	0.15%	0.007%
133	14.377	14.346	14.393	VV	2650	50019	0.37%	0.017%
134	14.406	14.393	14.414	VV	1963	22434	0.17%	0.007%
135	14.421	14.414	14.442	VV	1796	23154	0.17%	0.008%
136	14.487	14.442	14.524	VV	2881	90623	0.68%	0.030%
137	14.564	14.524	14.579	VV	2535	66292	0.50%	0.022%
138	14.619	14.579	14.675	VV	14776	364793	2.73%	0.122%
139	14.687	14.675	14.705	VV	3225	53362	0.40%	0.018%
140	14.720	14.705	14.729	VV	2877	37164	0.28%	0.012%
141	14.754	14.729	14.787	VV	5678	140725	1.05%	0.047%

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Manual IntegrationsAPPROVED

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Client Sample Data - HELMS-0602							Manual Integration	
Client ID	Sample ID	Sample Date	Sample Location	Sample Type	Sample Volume (L)	Sample Weight (g)	Sample Concentration (%)	Sample Purity (%)
142	14.836	14.787	14.865	VV	7236	230123	1.72%	0.077%
143	14.893	14.865	14.920	VV	5953	151892	1.72%	0.077%
144	15.012	14.920	15.042	VV	5861	308564	2.02%	0.090%
145	15.051	15.042	15.058	VV	4315	38602	1.84%	0.082%
146	15.083	15.058	15.101	VV	4273	106767	1.58%	0.071%
147	15.141	15.101	15.157	VV	5877	153100	2.22%	0.099%
148	15.176	15.157	15.194	VV	5678	115613	0.87%	0.039%
149	15.257	15.194	15.271	VV	7781	269814	2.02%	0.090%
150	15.286	15.271	15.336	VV	7765	244908	1.84%	0.082%
151	15.373	15.336	15.406	VV	5525	210949	1.58%	0.071%
152	15.454	15.406	15.478	VV	8172	295719	2.22%	0.099%
153	15.552	15.478	15.577	VV	9869	464630	3.48%	0.155%
154	15.599	15.577	15.607	VV	9103	153273	1.15%	0.051%
155	15.648	15.607	15.676	VV	12429	424844	3.18%	0.142%
156	15.734	15.676	15.771	VV	16840	685272	5.13%	0.229%
157	15.827	15.771	15.844	VV	13617	527242	3.95%	0.176%
158	15.859	15.844	15.881	VV	14342	304196	2.28%	0.102%
159	15.912	15.881	15.932	VV	15200	440999	3.30%	0.147%
160	15.953	15.932	15.984	VV	16899	464435	3.48%	0.155%
161	16.020	15.984	16.033	VV	16336	446758	3.35%	0.149%
162	16.051	16.033	16.074	VV	17557	393793	2.95%	0.132%
163	16.104	16.074	16.140	VV	17746	656122	4.92%	0.219%
164	16.203	16.140	16.217	VV	22922	872536	6.54%	0.292%
165	16.233	16.217	16.249	VV	24012	433649	3.25%	0.145%
166	16.268	16.249	16.287	VV	23006	501628	3.76%	0.168%
167	16.339	16.287	16.349	VV	21918	782393	5.86%	0.262%
168	16.419	16.349	16.429	VV	25082	1124400	8.42%	0.376%
169	16.451	16.429	16.491	VV	28010	967407	7.25%	0.323%
170	16.525	16.491	16.569	VV	30994	1306746	9.79%	0.437%
171	16.601	16.569	16.612	VV	30593	741931	5.56%	0.248%
172	16.631	16.612	16.667	VV	34844	1028908	7.71%	0.344%
173	16.699	16.667	16.717	VV	31219	883269	6.62%	0.295%
174	16.730	16.717	16.747	VV	31546	545522	4.09%	0.182%
175	16.774	16.747	16.802	VV	37151	1084653	8.13%	0.363%
176	16.831	16.802	16.852	VV	36679	1024078	7.67%	0.342%
177	16.896	16.852	16.906	VV	35285	1097185	8.22%	0.367%
178	16.940	16.906	16.956	VV	37794	1109264	8.31%	0.371%
179	16.999	16.956	17.021	VV	42105	1530595	11.47%	0.512%
180	17.091	17.021	17.117	VV	50273	2544739	19.07%	0.851%
181	17.146	17.117	17.166	VV	42622	1203603	9.02%	0.402%
182	17.178	17.166	17.194	VV	42946	715100	5.36%	0.239%
183	17.243	17.194	17.322	VV	68494	3880116	29.07%	1.297%
184	17.421	17.322	17.429	VV	52529	3072485	23.02%	1.027%
185	17.457	17.429	17.489	VV	59054	2031732	15.22%	0.679%
186	17.511	17.489	17.538	VV	57837	1629583	12.21%	0.545%
187	17.610	17.538	17.631	VV	77185	3393435	25.43%	1.134%
188	17.642	17.631	17.666	VV	64019	1244889	9.33%	0.416%
189	17.705	17.666	17.713	VV	58257	1655971	12.41%	0.554%
190	17.728	17.713	17.749	VV	60710	1262760	9.46%	0.422%
191	17.776	17.749	17.802	VV	60687	1893592	14.19%	0.633%
192	17.844	17.802	17.855	VV	62099	1947769	14.59%	0.651%
193	17.918	17.855	17.954	VV	70756	3837612	28.75%	1.283%
194	17.959	17.954	17.965	VV	64447	428184	3.21%	0.143%

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195	18.032	17.965	18.056	VV	85165	3899498	29.22%	1.304%
196	18.082	18.056	18.107	VV	83932	2406054	18.92%	0.844%
197	18.114	18.107	18.128	VV	75479	924636	6.09%	0.272%
198	18.135	18.128	18.144	VV	73493	695064	5.78%	0.236%
199	18.171	18.144	18.187	VV	78285	1976575	14.38%	0.642%
200	18.206	18.187	18.230	VV	79247	1988085	14.38%	0.642%
201	18.321	18.230	18.337	VV	87827	5225482	39.15%	1.747%
202	18.362	18.337	18.393	VV	92468	2809112	21.05%	0.939%
203	18.430	18.393	18.469	VV	92742	3942645	29.54%	1.318%
204	18.494	18.469	18.506	VV	89168	1919779	14.38%	0.642%
205	18.526	18.506	18.556	VV	90753	2690754	20.16%	0.899%
206	18.593	18.556	18.602	VV	91833	2524523	18.92%	0.844%
207	18.609	18.602	18.617	VV	91133	813220	6.09%	0.272%
208	18.638	18.617	18.653	VV	92112	1972972	14.78%	0.660%
209	18.704	18.653	18.722	VV	100564	3924491	29.41%	1.312%
210	18.742	18.722	18.796	VV	103923	4415605	33.09%	1.476%
211	18.839	18.796	18.869	VV	108911	4575530	34.28%	1.530%
212	18.898	18.869	18.908	VV	106826	2484678	18.62%	0.831%
213	18.929	18.908	18.953	VV	108921	2874383	21.54%	0.961%
214	18.962	18.953	18.992	VV	106263	2478666	18.57%	0.829%
215	19.020	18.992	19.031	VV	105706	2407133	18.04%	0.805%
216	19.070	19.031	19.094	VV	119200	4290486	32.15%	1.434%
217	19.134	19.094	19.177	VV	120325	5775172	43.27%	1.931%
218	19.201	19.177	19.217	VV	117519	2751346	20.62%	0.920%
219	19.256	19.217	19.299	VV	126618	5987236	44.86%	2.001%
220	19.327	19.299	19.338	VV	128989	2926068	21.92%	0.978%
221	19.360	19.338	19.389	VV	132790	3934683	29.48%	1.315%
222	19.401	19.389	19.409	VV	129684	1546102	11.58%	0.517%
223	19.440	19.409	19.462	VV	137087	4231078	31.70%	1.414%
224	19.487	19.462	19.497	VV	134239	2773530	20.78%	0.927%
225	19.520	19.497	19.547	VV	146213	4203488	31.50%	1.405%
226	19.617	19.547	19.626	VV	143925	6630248	49.68%	2.216%
227	19.657	19.626	19.709	VV	148727	7225538	54.14%	2.415%
228	19.714	19.709	19.741	VV	143208	2694111	20.19%	0.901%
229	19.750	19.741	19.761	VV	141448	1684917	12.62%	0.563%
230	19.798	19.761	19.836	VV	152906	6580605	49.31%	2.200%
231	19.858	19.836	19.881	VV	146412	3878214	29.06%	1.296%
232	19.914	19.881	19.971	VV	148284	7757222	58.12%	2.593%
233	19.981	19.971	20.012	VV	137500	3390123	25.40%	1.133%
234	20.031	20.012	20.047	VV	134988	2800321	20.98%	0.936%
235	20.061	20.047	20.107	VV	134057	4735685	35.48%	1.583%
236	20.185	20.107	20.242	VV	139640	10677573	80.01%	3.569%
237	20.250	20.242	20.317	VV	127643	5579645	41.81%	1.865%
238	20.350	20.317	20.366	VV	123352	3550842	26.61%	1.187%
239	20.367	20.366	20.383	VV	122460	1247537	9.35%	0.417%
240	20.390	20.383	20.406	VV	122373	1658080	12.42%	0.554%
241	20.429	20.406	20.529	VV	122995	8730282	65.41%	2.918%
242	20.606	20.529	20.652	VV	121646	8466741	63.44%	2.830%
243	20.674	20.652	20.687	VV	111103	2306557	17.28%	0.771%
244	20.696	20.687	20.706	VV	110641	1200668	9.00%	0.401%
245	20.713	20.706	20.779	VV	111164	4803852	35.99%	1.606%
246	20.804	20.779	21.001	VV	108065	13346068	100.00%	4.461%

	Area	Height	Area%	Height%	Integration	Integration
247	21.008	21.001	21.024	VV	93528	1290325
248	21.096	21.024	21.162	VV	105431	8119377
249	21.182	21.162	21.218	VV	95155	3111421
250	21.226	21.218	21.277	VV	91047	3150015
251	21.292	21.277	21.301	VBA	86558	1279536
Sum of corrected areas:					2991	

Instrument :
FID_E
ClientSampleId :
HELENS-0602
9.67% 0.431%

Manual IntegrationsAPPROVED
Reviewed By :Yogesh Patel 06/07/2022
Supervised By :Ankita Jodhani 06/07/2022

Aliphatic EPH 051022.M Tue Jun 07 11:04:34 2022