

rteres

Instrument :

FID_C

ClientSampleId :

2827-EPH-2

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC04272
 Data File : FC059499.D
 Signal(s) : FID1A.CH
 Acq On : 28 Apr 2022 7:41
 Sample : N2560-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Reviewed By :Yogesh Patel 04/28/2022

Supervised By :mohammad ahmed 04/28/2022

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Title : GC Extractables

Signal : FID1A.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.965	2.905	3.040	BV	627	10491	0.17%	0.019%
2	3.066	3.040	3.081	VV	527	6697	0.11%	0.012%
3	3.090	3.081	3.103	VV	481	3562	0.06%	0.006%
4	3.125	3.103	3.148	VV	475	6523	0.11%	0.012%
5	3.154	3.148	3.191	VV	320	4716	0.08%	0.008%
6	3.205	3.191	3.223	PV	645	5505	0.09%	0.010%
7	3.235	3.223	3.248	VV	211	1766	0.03%	0.003%
8	3.270	3.248	3.301	VV	317	6456	0.11%	0.011%
9	3.317	3.301	3.347	PV	628	7463	0.12%	0.013%
10	3.386	3.347	3.408	VV	876	11536	0.19%	0.020%
11	3.423	3.408	3.447	VV	169	2487	0.04%	0.004%
12	3.465	3.447	3.500	VV	542	9171	0.15%	0.016%
13	3.523	3.500	3.565	VV	746	14707	0.24%	0.026%
14	3.576	3.565	3.585	VV	410	3813	0.06%	0.007%
15	3.604	3.585	3.625	VV	1703	20653	0.34%	0.037%
16	3.635	3.625	3.678	VV	646	11874	0.20%	0.021%
17	3.689	3.678	3.714	VV	366	4118	0.07%	0.007%
18	3.731	3.714	3.757	VV	563	6806	0.11%	0.012%
19	3.778	3.757	3.808	VV	563	11195	0.18%	0.020%
20	3.827	3.808	3.862	VV	688	10596	0.17%	0.019%
21	3.903	3.862	3.920	PV	656	7355	0.12%	0.013%
22	3.945	3.920	3.990	VV	588	13473	0.22%	0.024%
23	4.006	3.990	4.030	VV	728	10165	0.17%	0.018%
24	4.046	4.030	4.090	VV	357	9023	0.15%	0.016%
25	4.193	4.090	4.231	VV	641	30532	0.50%	0.054%
26	4.248	4.231	4.260	VV	1048	12289	0.20%	0.022%
27	4.277	4.260	4.351	VV	1232	24345	0.40%	0.043%
28	4.366	4.351	4.397	VV	686	9594	0.16%	0.017%
29	4.441	4.397	4.478	VV	554	14068	0.23%	0.025%
30	4.484	4.478	4.524	VV	245	4529	0.07%	0.008%
31	4.565	4.524	4.610	VV	619	14510	0.24%	0.026%
32	4.669	4.610	4.717	VV	826	22561	0.37%	0.040%
33	4.731	4.717	4.756	VV	361	6453	0.11%	0.011%
34	4.787	4.756	4.826	VV	285	6795	0.11%	0.012%
35	4.838	4.826	4.872	VV	167	3343	0.06%	0.006%
36	4.906	4.872	4.952	VV	285	7033	0.12%	0.012%

					retention			
37	4.962	4.952	4.971	PV	120	1002	0.02%	0.002%
38	4.982	4.971	5.004	VV	298	3309		
39	5.029	5.004	5.078	VV	1164	23259		
40	5.095	5.078	5.148	VV	259	7904		
41	5.178	5.148	5.198	VV	379	8418		
42	5.209	5.198	5.248	VV	389	6873		
43	5.260	5.248	5.276	VV	278	3131	0.05%	0.006%
44	5.304	5.276	5.333	VV	550	9593	0.16%	0.017%
45	5.358	5.333	5.378	VV	407	5433	0.09%	0.010%
46	5.393	5.378	5.402	VV	437	4089	0.07%	0.007%
47	5.408	5.402	5.438	VV	299	3284	0.05%	0.006%
48	5.453	5.438	5.480	PV	212	4189	0.07%	0.007%
49	5.512	5.480	5.530	VV	259	5766	0.10%	0.010%
50	5.554	5.530	5.564	VV	273	3728	0.06%	0.007%
51	5.576	5.564	5.588	VV	244	3148	0.05%	0.006%
52	5.658	5.588	5.698	VV	835	40094	0.66%	0.071%
53	5.732	5.698	5.780	VV	2171	44617	0.74%	0.079%
54	5.791	5.780	5.811	VV	642	9755	0.16%	0.017%
55	5.822	5.811	5.845	VV	508	8580	0.14%	0.015%
56	5.890	5.845	5.919	VV	699	22082	0.36%	0.039%
57	5.935	5.919	5.961	VV	720	12613	0.21%	0.022%
58	6.002	5.961	6.053	VV	1307	32961	0.54%	0.058%
59	6.071	6.053	6.103	VV	479	9790	0.16%	0.017%
60	6.143	6.103	6.178	VV	1438	24006	0.40%	0.042%
61	6.241	6.178	6.251	VV	342	9776	0.16%	0.017%
62	6.304	6.251	6.341	VV	514	14353	0.24%	0.025%
63	6.362	6.341	6.411	VV	506	11035	0.18%	0.020%
64	6.434	6.411	6.444	PV	178	2334	0.04%	0.004%
65	6.463	6.444	6.474	VV	305	3352	0.06%	0.006%
66	6.509	6.474	6.545	VV	478	12675	0.21%	0.022%
67	6.557	6.545	6.578	VV	515	5450	0.09%	0.010%
68	6.596	6.578	6.631	VV	578	11021	0.18%	0.020%
69	6.690	6.631	6.723	VV	2477	50589	0.83%	0.090%
70	6.760	6.723	6.870	VV	1538	82036	1.35%	0.145%
71	6.883	6.870	6.895	VV	564	7273	0.12%	0.013%
72	6.917	6.895	6.946	VV	2449	38348	0.63%	0.068%
73	6.954	6.946	7.006	VV	664	16705	0.28%	0.030%
74	7.013	7.006	7.028	VV	380	4350	0.07%	0.008%
75	7.051	7.028	7.060	VV	407	6589	0.11%	0.012%
76	7.081	7.060	7.108	VV	541	9946	0.16%	0.018%
77	7.115	7.108	7.146	VV	348	4687	0.08%	0.008%
78	7.169	7.146	7.184	PV	381	5828	0.10%	0.010%
79	7.211	7.184	7.459	VV	495471	6061618	100.00%	10.728%
80	7.476	7.459	7.517	VV	2292	61129	1.01%	0.108%
81	7.529	7.517	7.578	VV	1596	46693	0.77%	0.083%
82	7.597	7.578	7.618	VV	2354	38680	0.64%	0.068%
83	7.635	7.618	7.648	VV	1316	21071	0.35%	0.037%
84	7.658	7.648	7.678	VV	1216	20600	0.34%	0.036%
85	7.708	7.678	7.722	VV	1897	41436	0.68%	0.073%
86	7.744	7.722	7.758	VV	1842	36863	0.61%	0.065%
87	7.779	7.758	7.839	VV	4330	96113	1.59%	0.170%
88	7.896	7.839	7.953	VV	1608	68691	1.13%	0.122%
89	7.974	7.953	8.041	VV	760	21526	0.36%	0.038%

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90	8.062	8.041	8.246	VV	264214	3897436	64.30%	6.898%
91	8.255	8.246	8.287	VV	3124	68916		
92	8.308	8.287	8.341	VV	4396	93802		
93	8.361	8.341	8.465	VV	1796	104874		
94	8.509	8.465	8.518	VV	1519	41371		
95	8.532	8.518	8.568	VV	1579	43643		
96	8.597	8.568	8.704	VV	3646	126038	2.08%	0.223%
97	8.731	8.704	8.762	VV	1096	29766	0.49%	0.053%
98	8.775	8.762	8.784	VV	713	9023	0.15%	0.016%
99	8.795	8.784	8.808	VV	767	10182	0.17%	0.018%
100	8.812	8.808	8.834	VV	788	9449	0.16%	0.017%
101	8.867	8.834	8.923	VV	885	35242	0.58%	0.062%
102	8.948	8.923	8.990	VV	784	24638	0.41%	0.044%
103	9.027	8.990	9.076	VV	1395	47567	0.78%	0.084%
104	9.096	9.076	9.111	VV	753	12801	0.21%	0.023%
105	9.122	9.111	9.136	VV	696	8264	0.14%	0.015%
106	9.145	9.136	9.171	VV	513	8990	0.15%	0.016%
107	9.192	9.171	9.242	VV	526	14898	0.25%	0.026%
108	9.309	9.242	9.343	VV	713	25557	0.42%	0.045%
109	9.371	9.343	9.405	VV	2898	47171	0.78%	0.083%
110	9.472	9.405	9.566	VV	827	51195	0.84%	0.091%
111	9.579	9.566	9.607	VV	389	5462	0.09%	0.010%
112	9.648	9.607	9.677	PV	292	5785	0.10%	0.010%
113	9.750	9.677	9.776	VV	1250	28915	0.48%	0.051%
114	9.843	9.776	9.868	VV	423	15757	0.26%	0.028%
115	9.900	9.868	9.911	VV	429	6977	0.12%	0.012%
116	9.964	9.911	9.988	VV	654	18816	0.31%	0.033%
117	9.997	9.988	10.052	VV	331	8838	0.15%	0.016%
118	10.104	10.052	10.140	PV	3261	61168	1.01%	0.108%
119	10.171	10.140	10.242	VV	5083	114812	1.89%	0.203%
120	10.284	10.242	10.307	VV	656	20520	0.34%	0.036%
121	10.346	10.307	10.416	VV	11941	321649	5.31%	0.569%
122	10.434	10.416	10.454	VV	2522	49720	0.82%	0.088%
123	10.484	10.454	10.515	VV	1891	61663	1.02%	0.109%
124	10.526	10.515	10.599	VV	1314	44500	0.73%	0.079%
125	10.608	10.599	10.653	VV	538	11391	0.19%	0.020%
126	10.662	10.653	10.691	VV	377	6205	0.10%	0.011%
127	10.736	10.691	10.767	VV	823	21862	0.36%	0.039%
128	10.802	10.767	10.857	VV	2971	53174	0.88%	0.094%
129	10.888	10.857	10.925	VV	1609	31678	0.52%	0.056%
130	10.949	10.925	10.968	VV	790	14767	0.24%	0.026%
131	10.986	10.968	11.016	VV	649	12971	0.21%	0.023%
132	11.096	11.016	11.168	PV	505270	5868047	96.81%	10.385%
133	11.187	11.168	11.224	VV	3090	82676	1.36%	0.146%
134	11.256	11.224	11.277	VV	4078	94482	1.56%	0.167%
135	11.291	11.277	11.315	VV	2777	56029	0.92%	0.099%
136	11.337	11.315	11.423	VV	2196	82090	1.35%	0.145%
137	11.466	11.423	11.507	VV	3175	57555	0.95%	0.102%
138	11.547	11.507	11.621	VV	685	28379	0.47%	0.050%
139	11.661	11.621	11.712	PV	1039	37568	0.62%	0.066%
140	11.717	11.712	11.733	VV	676	7832	0.13%	0.014%
141	11.741	11.733	11.794	VV	743	19376	0.32%	0.034%

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142	11.805	11.794	11.811	VV	529	4708	0.08%	0.008%
143	11.835	11.811	11.848	VV	563	10263	0.08%	0.008%
144	11.887	11.848	11.924	VV	808	30108	0.08%	0.008%
145	11.944	11.924	11.981	VV	981	25422	0.08%	0.008%
146	11.996	11.981	12.008	VV	956	13224	0.08%	0.008%
147	12.032	12.008	12.063	VV	3699	73851	0.08%	0.008%
148	12.071	12.063	12.081	VV	2048	20486	0.34%	0.036%
149	12.101	12.081	12.117	VV	4994	70924	1.17%	0.126%
150	12.139	12.117	12.298	VV	37547	746824	12.32%	1.322%
151	12.344	12.298	12.401	VV	1720	69067	1.14%	0.122%
152	12.432	12.401	12.485	VV	30479	543084	8.96%	0.961%
153	12.542	12.485	12.625	VV	371923	4864578	80.25%	8.609%
154	12.644	12.625	12.687	VV	2093	57523	0.95%	0.102%
155	12.712	12.687	12.748	VV	4247	83511	1.38%	0.148%
156	12.771	12.748	12.809	VV	1943	56345	0.93%	0.100%
157	12.828	12.809	12.844	VV	1187	24618	0.41%	0.044%
158	12.919	12.844	12.990	VV	2520	132963	2.19%	0.235%
159	13.022	12.990	13.035	VV	2317	47120	0.78%	0.083%
160	13.054	13.035	13.113	VV	3935	122899	2.03%	0.218%
161	13.159	13.113	13.170	VV	2574	77612	1.28%	0.137%
162	13.198	13.170	13.238	VV	3483	115698	1.91%	0.205%
163	13.247	13.238	13.263	VV	1865	25200	0.42%	0.045%
164	13.297	13.263	13.338	VV	5004	135181	2.23%	0.239%
165	13.352	13.338	13.452	VV	2287	103674	1.71%	0.183%
166	13.461	13.452	13.484	VV	1073	18419	0.30%	0.033%
167	13.496	13.484	13.500	VV	1070	9601	0.16%	0.017%
168	13.518	13.500	13.551	VV	1422	36340	0.60%	0.064%
169	13.573	13.551	13.607	VV	1128	32532	0.54%	0.058%
170	13.636	13.607	13.664	VV	1236	35343	0.58%	0.063%
171	13.722	13.664	13.743	VV	2617	84007	1.39%	0.149%
172	13.764	13.743	13.805	VV	2367	65347	1.08%	0.116%
173	13.854	13.805	13.911	VV	5127	161721	2.67%	0.286%
174	13.916	13.911	13.931	VV	1479	17136	0.28%	0.030%
175	13.969	13.931	13.981	VV	2592	58555	0.97%	0.104%
176	14.008	13.981	14.085	VV	5399	189060	3.12%	0.335%
177	14.092	14.085	14.104	VV	2033	22622	0.37%	0.040%
178	14.115	14.104	14.139	VV	2212	40028	0.66%	0.071%
179	14.173	14.139	14.188	VV	2027	53395	0.88%	0.094%
180	14.199	14.188	14.208	VV	1872	21304	0.35%	0.038%
181	14.234	14.208	14.274	VV	2035	63395	1.05%	0.112%
182	14.320	14.274	14.339	VV	15719	255673	4.22%	0.452%
183	14.358	14.339	14.419	VV	16785	467890	7.72%	0.828%
184	14.431	14.419	14.452	VV	3984	69059	1.14%	0.122%
185	14.472	14.452	14.526	VV	4713	130372	2.15%	0.231%
186	14.539	14.526	14.568	VV	1768	38820	0.64%	0.069%
187	14.575	14.568	14.610	VV	1434	31243	0.52%	0.055%
188	14.633	14.610	14.658	VV	1468	35008	0.58%	0.062%
189	14.685	14.658	14.743	VV	2147	86777	1.43%	0.154%
190	14.776	14.743	14.882	VV	20712	502366	8.29%	0.889%
191	14.911	14.882	14.942	VV	4205	89661	1.48%	0.159%
192	14.960	14.942	14.974	VV	1643	29350	0.48%	0.052%
193	15.003	14.974	15.033	VV	3156	79542	1.31%	0.141%
194	15.045	15.033	15.074	VV	2399	49770	0.82%	0.088%

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195	15.093	15.074	15.108	VV	2284	41394	0.68%	0.073%
196	15.130	15.108	15.148	VV	2833	58800		
197	15.167	15.148	15.285	VV	2821	165486		
198	15.298	15.285	15.321	VV	1586	31414		
199	15.340	15.321	15.380	VV	1558	48201		
200	15.407	15.380	15.431	VV	3322	62983		
201	15.467	15.431	15.515	VV	1795	66118	1.09%	0.117%
202	15.573	15.515	15.623	VV	2208	100454	1.66%	0.178%
203	15.698	15.623	15.761	VV	3068	183903	3.03%	0.325%
204	15.791	15.761	15.843	VV	5508	189100	3.12%	0.335%
205	15.871	15.843	15.987	VV	25719	850310	14.03%	1.505%
206	16.014	15.987	16.105	VV	5536	277465	4.58%	0.491%
207	16.139	16.105	16.160	VV	4541	128919	2.13%	0.228%
208	16.189	16.160	16.238	VV	16785	397119	6.55%	0.703%
209	16.258	16.238	16.317	VV	17041	464063	7.66%	0.821%
210	16.365	16.317	16.460	VV	7874	499989	8.25%	0.885%
211	16.535	16.460	16.591	VV	6323	376508	6.21%	0.666%
212	16.657	16.591	16.683	VV	5694	273995	4.52%	0.485%
213	16.700	16.683	16.712	VV	5281	87443	1.44%	0.155%
214	16.755	16.712	16.770	VV	5634	182373	3.01%	0.323%
215	16.797	16.770	16.838	VV	8586	244208	4.03%	0.432%
216	16.878	16.838	16.900	VV	4756	164830	2.72%	0.292%
217	16.922	16.900	17.014	VV	5218	294644	4.86%	0.521%
218	17.089	17.014	17.115	VV	4551	234974	3.88%	0.416%
219	17.124	17.115	17.147	VV	3946	73704	1.22%	0.130%
220	17.189	17.147	17.209	VV	4977	164289	2.71%	0.291%
221	17.234	17.209	17.277	VV	6630	201947	3.33%	0.357%
222	17.321	17.277	17.411	VV	7329	423091	6.98%	0.749%
223	17.431	17.411	17.450	VV	4655	101466	1.67%	0.180%
224	17.514	17.450	17.523	VV	5312	209232	3.45%	0.370%
225	17.547	17.523	17.573	VV	7603	195043	3.22%	0.345%
226	17.603	17.573	17.617	VV	13202	263729	4.35%	0.467%
227	17.637	17.617	17.674	VV	17547	474243	7.82%	0.839%
228	17.686	17.674	17.725	VV	10288	224432	3.70%	0.397%
229	17.730	17.725	17.763	VV	5417	118321	1.95%	0.209%
230	17.787	17.763	17.805	VV	7395	158005	2.61%	0.280%
231	17.819	17.805	17.855	VV	6666	171911	2.84%	0.304%
232	17.881	17.855	17.981	VV	14177	550425	9.08%	0.974%
233	18.060	17.981	18.098	VV	9173	431437	7.12%	0.764%
234	18.106	18.098	18.129	VV	5546	96486	1.59%	0.171%
235	18.156	18.129	18.221	VV	6810	282285	4.66%	0.500%
236	18.244	18.221	18.261	VV	4581	105399	1.74%	0.187%
237	18.287	18.261	18.305	VV	4737	117849	1.94%	0.209%
238	18.323	18.305	18.348	VV	5095	122340	2.02%	0.217%
239	18.429	18.348	18.498	VV	12094	702744	11.59%	1.244%
240	18.504	18.498	18.543	VV	5899	149784	2.47%	0.265%
241	18.564	18.543	18.622	VV	5603	245803	4.06%	0.435%
242	18.644	18.622	18.688	VV	5656	200995	3.32%	0.356%
243	18.711	18.688	18.731	VV	5198	124199	2.05%	0.220%
244	18.749	18.731	18.758	VV	4985	78274	1.29%	0.139%
245	18.767	18.758	18.787	VV	4991	86221	1.42%	0.153%
246	18.847	18.787	18.895	VV	6864	384052	6.34%	0.680%

Instrument :

FID_C

ClientSampleId :

2827-EPH-2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/28/2022

Supervised By :mohammad ahmed 04/28/2022

Chromatogram Data									
Peak #	Retention Time (min)	Area	Height	Width	Volume	Concentration (%)	Response	Integration	Integration
247	18.929	18.895	18.937	VV	6398	156191	2.58%	0.276%	
248	18.955	18.937	18.964	VV	6596	105000			
249	18.975	18.964	19.005	VV	6648	150641			
250	19.061	19.005	19.104	VV	10629	460936			
251	19.133	19.104	19.171	VV	11810	387857			
252	19.212	19.171	19.298	VV	9946	637066			
253	19.313	19.298	19.322	VV	7298	104664	1.73%	0.185%	
254	19.362	19.322	19.391	VV	8502	326374	5.38%	0.578%	
255	19.394	19.391	19.411	VV	7989	94028	1.55%	0.166%	
256	19.438	19.411	19.493	VV	12853	513718	8.47%	0.909%	
257	19.534	19.493	19.556	VV	9418	348049	5.74%	0.616%	
258	19.581	19.556	19.631	VV	10610	432872	7.14%	0.766%	
259	19.720	19.631	19.748	VV	11152	676068	11.15%	1.196%	
260	19.760	19.748	19.778	VV	9307	163198	2.69%	0.289%	
261	19.788	19.778	19.805	VV	9382	150986	2.49%	0.267%	
262	19.869	19.805	19.878	VV	9781	411812	6.79%	0.729%	
263	19.938	19.878	19.973	VV	11732	606420	10.00%	1.073%	
264	19.991	19.973	20.011	VV	10929	247299	4.08%	0.438%	
265	20.214	20.011	20.231	VV	14619	1672235	27.59%	2.959%	
266	20.248	20.231	20.257	VV	14125	217972	3.60%	0.386%	
267	20.278	20.257	20.314	VV	14778	493916	8.15%	0.874%	
268	20.396	20.314	20.418	VV	15568	921178	15.20%	1.630%	
269	20.450	20.418	20.501	VV	15836	765135	12.62%	1.354%	
270	20.510	20.501	20.528	VV	14644	232506	3.84%	0.411%	
271	20.540	20.528	20.555	VV	14494	227295	3.75%	0.402%	
272	20.565	20.555	20.587	VV	14036	275076	4.54%	0.487%	
273	20.627	20.587	20.659	VV	14751	615654	10.16%	1.090%	
274	20.696	20.659	20.751	VV	14380	772920	12.75%	1.368%	
275	20.797	20.751	20.859	VV	15105	914164	15.08%	1.618%	
276	20.942	20.859	20.966	VV	13947	857066	14.14%	1.517%	
277	20.980	20.966	20.991	VV	13904	210092	3.47%	0.372%	
278	21.009	20.991	21.035	VV	13856	353243	5.83%	0.625%	
279	21.054	21.035	21.095	VV	13557	465629	7.68%	0.824%	
Sum of corrected areas:					56504959				

Instrument :

FID_C

ClientSampleId :

2827-EPH-2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/28/2022

Supervised By :mohammad ahmed 04/28/2022

Aliphatic EPH 042122.M Thu Apr 28 13:29:19 2022