

rtres

Instrument :

FID_E

ClientSampleId :

1MS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE03182
Data File : FE047197.D
Signal(s) : FID1B.ch
Acq On : 18 Mar 2024 13:30
Sample : P1326-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.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	3.211	3.138	3.294	BV	1446	39494	0.31%	0.015%
2	3.316	3.294	3.333	PV	4667	45209	0.36%	0.018%
3	3.368	3.333	3.457	VV	576923	5591656	44.53%	2.183%
4	3.468	3.457	3.485	PV	212	1381	0.01%	0.001%
5	3.505	3.485	3.528	VV	421	5919	0.05%	0.002%
6	3.549	3.528	3.638	VV	3516	37094	0.30%	0.014%
7	3.650	3.638	3.668	PV	294	2470	0.02%	0.001%
8	3.702	3.668	3.764	PV	13475	142855	1.14%	0.056%
9	3.783	3.764	3.810	VV	2764	42944	0.34%	0.017%
10	3.833	3.810	3.923	VV	56112	521037	4.15%	0.203%
11	3.948	3.923	3.998	PV	50197	455853	3.63%	0.178%
12	4.038	3.998	4.092	VV	9683	103806	0.83%	0.041%
13	4.111	4.092	4.122	PV	590	5347	0.04%	0.002%
14	4.140	4.122	4.198	VV	3165	47935	0.38%	0.019%
15	4.208	4.198	4.294	VV	440	9032	0.07%	0.004%
16	4.309	4.294	4.318	VV	1415	13619	0.11%	0.005%
17	4.339	4.318	4.365	VV	3350	48768	0.39%	0.019%
18	4.380	4.365	4.443	VV	808	12020	0.10%	0.005%
19	4.450	4.443	4.463	VV	104	807	0.01%	0.000%
20	4.474	4.463	4.486	VV	221	2029	0.02%	0.001%
21	4.501	4.486	4.579	VV	616	6860	0.05%	0.003%
22	4.619	4.579	4.636	PV	676196	6545788	52.12%	2.555%
23	4.655	4.636	4.758	VV	672194	6592224	52.49%	2.573%
24	4.773	4.758	4.806	VV	723	11449	0.09%	0.004%
25	4.837	4.806	4.876	VV	602	9433	0.08%	0.004%
26	4.895	4.876	4.916	VV	752	8388	0.07%	0.003%
27	4.927	4.916	4.960	VV	240	2533	0.02%	0.001%
28	4.981	4.960	5.015	VV	374	5984	0.05%	0.002%
29	5.030	5.015	5.054	VV	175	2916	0.02%	0.001%
30	5.070	5.054	5.081	VV	274	2574	0.02%	0.001%
31	5.114	5.081	5.149	VV	359	8819	0.07%	0.003%
32	5.163	5.149	5.180	PV	113	1492	0.01%	0.001%
33	5.196	5.180	5.248	VV	374	5785	0.05%	0.002%
34	5.273	5.248	5.297	VV	984	10657	0.08%	0.004%
35	5.317	5.297	5.357	PV	333	6083	0.05%	0.002%
36	5.400	5.357	5.417	VV	459	8227	0.07%	0.003%

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37	5.458	5.417	5.498	VV	485	7900	0.06%	0.003%	
38	5.512	5.498	5.533	VV	444	4951			
39	5.556	5.533	5.587	VV	1324	13860			
40	5.608	5.587	5.701	VV	634	9258			
41	5.717	5.701	5.731	PV	121	1360			
42	5.749	5.731	5.774	VV	1950	20932			
43	5.783	5.774	5.834	VV	296	5700	0.05%	0.002%	
44	5.857	5.834	5.922	PV	1516	32034	0.26%	0.013%	
45	5.938	5.922	5.974	VV	390	7602	0.06%	0.003%	
46	5.997	5.974	6.098	VV	3394	39873	0.32%	0.016%	
47	6.111	6.098	6.158	VV	162	2891	0.02%	0.001%	
48	6.172	6.158	6.189	VV	218	2547	0.02%	0.001%	
49	6.209	6.189	6.247	VV	348	5719	0.05%	0.002%	
50	6.259	6.247	6.273	PV	234	2185	0.02%	0.001%	
51	6.319	6.273	6.476	VV	735351	7268031	57.87%	2.837%	
52	6.492	6.476	6.564	VV	1144	32194	0.26%	0.013%	
53	6.572	6.564	6.592	VV	411	6081	0.05%	0.002%	
54	6.618	6.592	6.658	VV	1639	24812	0.20%	0.010%	
55	6.670	6.658	6.741	VV	323	9754	0.08%	0.004%	
56	6.781	6.741	6.844	VV	720230	7230320	57.57%	2.823%	
57	6.863	6.844	6.890	VV	392	6742	0.05%	0.003%	
58	6.901	6.890	6.911	VV	294	2759	0.02%	0.001%	
59	6.935	6.911	6.964	VV	477	8623	0.07%	0.003%	
60	6.983	6.964	7.048	VV	88	2368	0.02%	0.001%	
61	7.064	7.048	7.083	VV	453	4625	0.04%	0.002%	
62	7.105	7.083	7.155	VV	177	3237	0.03%	0.001%	
63	7.179	7.155	7.224	PV	801	15728	0.13%	0.006%	
64	7.256	7.224	7.294	VV	3228	36094	0.29%	0.014%	
65	7.316	7.294	7.365	VV	7206	74288	0.59%	0.029%	
66	7.550	7.538	7.578	VV	1630	23649	0.19%	0.009%	
67	7.611	7.578	7.671	VV	1923	45605	0.36%	0.018%	
68	7.688	7.671	7.705	VV	846	10386	0.08%	0.004%	
69	7.725	7.705	7.767	VV	2129	29070	0.23%	0.011%	
70	7.792	7.767	7.804	VV	344	6541	0.05%	0.003%	
71	7.810	7.804	7.834	VV	363	3995	0.03%	0.002%	
72	7.843	7.834	7.855	VV	162	1358	0.01%	0.001%	
73	7.899	7.855	7.925	VV	575	8830	0.07%	0.003%	
74	7.944	7.925	7.971	VV	298	4026	0.03%	0.002%	
75	7.978	7.971	8.001	VV	114	713	0.01%	0.000%	
76	8.040	8.001	8.121	PV	690615	6696606	53.32%	2.614%	
77	8.150	8.121	8.197	VV	1032	33100	0.26%	0.013%	
78	8.212	8.197	8.237	VV	596	9458	0.08%	0.004%	
79	8.256	8.237	8.278	VV	304	5382	0.04%	0.002%	
80	8.301	8.278	8.331	VV	809	11894	0.09%	0.005%	
81	8.356	8.331	8.413	VV	817	12436	0.10%	0.005%	
82	8.426	8.413	8.451	VV	149	1870	0.01%	0.001%	
83	8.499	8.451	8.547	VV	397	11597	0.09%	0.005%	
84	8.610	8.547	8.680	VV	740194	7483953	59.59%	2.922%	
85	8.717	8.680	8.824	VV	713382	7336755	58.42%	2.864%	
86	8.839	8.824	8.874	VV	1273	24088	0.19%	0.009%	
87	9.017	8.980	9.185	VV	736835	7491837	59.66%	2.925%	
88	9.213	9.185	9.264	VV	2686	52721	0.42%	0.021%	
89	9.285	9.264	9.314	VV	2515	33977	0.27%	0.013%	

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90	9.343	9.314	9.410	VV	852	26253	0.21%	0.010%
91	9.432	9.410	9.454	VV	1129	15909		
92	9.484	9.454	9.597	VV	500	19732		
93	9.630	9.597	9.656	PV	240	5142		
94	9.670	9.656	9.681	VV	295	3258		
95	9.690	9.681	9.716	VV	319	3875		
96	9.733	9.716	9.743	VV	422	4258	0.03%	0.002%
97	9.759	9.743	9.770	VV	834	9943	0.08%	0.004%
98	9.805	9.770	9.927	VV	689024	7255520	57.77%	2.832%
99	9.951	9.927	9.970	VV	1821	32916	0.26%	0.013%
100	9.992	9.970	10.002	VV	3915	46444	0.37%	0.018%
101	10.015	10.002	10.038	VV	5589	64952	0.52%	0.025%
102	10.050	10.038	10.093	VV	940	21716	0.17%	0.008%
103	10.110	10.093	10.121	VV	907	12291	0.10%	0.005%
104	10.147	10.121	10.175	VV	1483	26792	0.21%	0.010%
105	10.216	10.175	10.279	VV	689689	7644561	60.87%	2.984%
106	10.297	10.279	10.339	VV	786	15598	0.12%	0.006%
107	10.350	10.339	10.411	VV	212	5834	0.05%	0.002%
108	10.489	10.411	10.511	VV	563	10063	0.08%	0.004%
109	10.532	10.511	10.539	VV	156	1797	0.01%	0.001%
110	10.573	10.539	10.584	VV	201	4365	0.03%	0.002%
111	10.597	10.584	10.624	VV	211	3430	0.03%	0.001%
112	10.650	10.624	10.673	VV	383	5533	0.04%	0.002%
113	10.697	10.673	10.748	VV	154	3634	0.03%	0.001%
114	10.775	10.748	10.809	PV	446	5961	0.05%	0.002%
115	10.851	10.809	10.869	PV	654	8491	0.07%	0.003%
116	10.882	10.869	10.893	VV	354	4268	0.03%	0.002%
117	10.907	10.893	10.934	VV	585	7959	0.06%	0.003%
118	10.953	10.934	10.970	VV	482	6052	0.05%	0.002%
119	11.009	10.970	11.071	VV	5693	73381	0.58%	0.029%
120	11.088	11.071	11.118	VV	240	3166	0.03%	0.001%
121	11.137	11.118	11.148	PV	113	1254	0.01%	0.000%
122	11.210	11.148	11.251	VV	597986	6787913	54.05%	2.650%
123	11.285	11.251	11.432	VV	603553	6841790	54.48%	2.671%
124	11.458	11.432	11.479	VV	9377	137808	1.10%	0.054%
125	11.488	11.479	11.568	VV	3057	90821	0.72%	0.035%
126	11.583	11.568	11.607	VV	1493	30329	0.24%	0.012%
127	11.659	11.607	11.714	VV	702204	8060029	64.18%	3.146%
128	11.730	11.714	11.798	VV	1918	61902	0.49%	0.024%
129	11.812	11.798	11.829	VV	1021	16063	0.13%	0.006%
130	11.848	11.829	11.875	VV	1043	20383	0.16%	0.008%
131	11.915	11.875	11.944	VV	1305	37031	0.29%	0.014%
132	11.977	11.944	12.023	VV	508458	5325812	42.41%	2.079%
133	12.039	12.023	12.054	VV	1180	17655	0.14%	0.007%
134	12.070	12.054	12.089	VV	1512	22059	0.18%	0.009%
135	12.120	12.089	12.137	VV	975	23122	0.18%	0.009%
136	12.154	12.137	12.168	VV	1073	15455	0.12%	0.006%
137	12.183	12.168	12.236	VV	1224	24077	0.19%	0.009%
138	12.254	12.236	12.290	VV	421	6560	0.05%	0.003%
139	12.331	12.290	12.340	PV	514	9890	0.08%	0.004%
140	12.359	12.340	12.392	VV	1221	20839	0.17%	0.008%
141	12.419	12.392	12.461	VV	2387	43942	0.35%	0.017%

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142	12.479	12.461	12.519	VV	1109	18595	0.15%	0.007%	
143	12.569	12.519	12.610	VV	47164	601281			
144	12.626	12.610	12.648	VV	4559	70791			
145	12.659	12.648	12.734	VV	1593	44106			
146	12.755	12.734	12.764	VV	653	10202			
147	12.789	12.764	12.825	VV	3761	50908			
148	12.851	12.825	12.869	VV	419	8066	0.06%	0.003%	
149	12.908	12.869	12.926	VV	1026	16437	0.13%	0.006%	
150	12.967	12.926	12.995	VV	685894	8104769	64.54%	3.164%	
151	13.029	12.995	13.175	VV	550310	6619029	52.71%	2.584%	
152	13.210	13.175	13.283	VV	8255	161095	1.28%	0.063%	
153	13.328	13.283	13.361	VV	532352	6434593	51.24%	2.512%	
154	13.410	13.361	13.479	VV	360839	4516207	35.96%	1.763%	
155	13.489	13.479	13.504	VV	2462	35954	0.29%	0.014%	
156	13.519	13.504	13.541	VV	2519	47767	0.38%	0.019%	
157	13.579	13.541	13.622	VV	654827	7991051	63.63%	3.120%	
158	13.640	13.622	13.754	VV	5319	211391	1.68%	0.083%	
159	13.800	13.754	13.871	VV	11747	246089	1.96%	0.096%	
160	13.908	13.871	13.932	VV	1951	55328	0.44%	0.022%	
161	13.952	13.932	13.981	VV	1657	36258	0.29%	0.014%	
162	14.005	13.981	14.041	VV	1828	44830	0.36%	0.018%	
163	14.055	14.041	14.074	VV	1060	17087	0.14%	0.007%	
164	14.111	14.074	14.126	VV	2436	43661	0.35%	0.017%	
165	14.164	14.126	14.276	VV	625247	7880791	62.75%	3.076%	
166	14.292	14.276	14.308	VV	677	10857	0.09%	0.004%	
167	14.332	14.308	14.378	VV	2108	37361	0.30%	0.015%	
168	14.396	14.378	14.426	VV	535	12180	0.10%	0.005%	
169	14.437	14.426	14.478	VV	316	6571	0.05%	0.003%	
170	14.517	14.478	14.526	VV	683	11401	0.09%	0.004%	
171	14.546	14.526	14.568	VV	2020	27991	0.22%	0.011%	
172	14.595	14.568	14.616	VV	1339	23471	0.19%	0.009%	
173	14.634	14.616	14.658	VV	740	12229	0.10%	0.005%	
174	14.674	14.658	14.691	VV	346	4412	0.04%	0.002%	
175	14.723	14.691	14.764	VV	4264	66258	0.53%	0.026%	
176	14.779	14.764	14.802	VV	914	14338	0.11%	0.006%	
177	14.822	14.802	14.857	VV	781	14038	0.11%	0.005%	
178	14.883	14.857	14.905	VV	819	10321	0.08%	0.004%	
179	14.961	14.905	14.998	PV	5906	87723	0.70%	0.034%	
180	15.038	14.998	15.081	VV	5678	72080	0.57%	0.028%	
181	15.103	15.081	15.135	VV	696	10897	0.09%	0.004%	
182	15.146	15.135	15.157	VV	96	844	0.01%	0.000%	
183	15.200	15.157	15.220	PV	339026	4356751	34.69%	1.701%	
184	15.265	15.220	15.338	VV	616149	12558239	100.00%	4.902%	
185	15.359	15.338	15.415	VV	14195	367917	2.93%	0.144%	
186	15.430	15.415	15.569	VV	5052	335023	2.67%	0.131%	
187	15.587	15.569	15.604	VV	2720	54314	0.43%	0.021%	
188	15.636	15.604	15.719	VV	28544	509187	4.05%	0.199%	
189	15.734	15.719	15.751	VV	1939	33775	0.27%	0.013%	
190	15.797	15.751	15.824	VV	9684	226717	1.81%	0.089%	
191	15.857	15.824	15.883	VV	3363	81314	0.65%	0.032%	
192	15.901	15.883	15.957	VV	1897	56441	0.45%	0.022%	
193	15.971	15.957	15.984	VV	942	14198	0.11%	0.006%	
194	16.006	15.984	16.078	VV	1275	54127	0.43%	0.021%	

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195	16.102	16.078	16.131	VV	1223	28307	0.23%	0.011%	
196	16.151	16.131	16.194	VV	1513	32902			
197	16.284	16.194	16.385	VV	565599	7612724	60		
198	16.397	16.385	16.436	VV	575	13512			
199	16.471	16.436	16.498	VV	397	11965			
200	16.503	16.498	16.548	VV	171	3798			
201	16.583	16.548	16.611	PV	446	8007	0.06%	0.003%	
202	16.647	16.611	16.687	PV	5403	76607	0.61%	0.030%	
203	16.753	16.687	16.768	PV	252101	3581634	28.52%	1.398%	
204	16.784	16.768	16.828	VV	278666	3714947	29.58%	1.450%	
205	16.839	16.828	16.981	VV	15459	678963	5.41%	0.265%	
206	17.003	16.981	17.041	VV	4803	136466	1.09%	0.053%	
207	17.064	17.041	17.090	VV	4259	101050	0.80%	0.039%	
208	17.130	17.090	17.194	VV	207008	3021552	24.06%	1.180%	
209	17.232	17.194	17.266	VV	538183	7683113	61.18%	2.999%	
210	17.277	17.266	17.425	VV	9143	422055	3.36%	0.165%	
211	17.465	17.425	17.475	VV	2397	70881	0.56%	0.028%	
212	17.487	17.475	17.542	VV	2229	77953	0.62%	0.030%	
213	17.587	17.542	17.632	VV	5654	141671	1.13%	0.055%	
214	17.676	17.632	17.731	VV	7792	156770	1.25%	0.061%	
215	17.759	17.731	17.831	VV	1433	49724	0.40%	0.019%	
216	17.851	17.831	17.871	VV	570	10961	0.09%	0.004%	
217	17.904	17.871	17.937	VV	12751	171306	1.36%	0.067%	
218	17.973	17.937	17.992	VV	11777	172407	1.37%	0.067%	
219	18.002	17.992	18.048	VV	5339	85079	0.68%	0.033%	
220	18.118	18.048	18.170	VV	532184	7457767	59.39%	2.911%	
221	18.205	18.170	18.232	VV	3555	81630	0.65%	0.032%	
222	18.244	18.232	18.281	VV	1080	24844	0.20%	0.010%	
223	18.296	18.281	18.321	VV	995	14825	0.12%	0.006%	
224	18.346	18.321	18.368	VV	1704	23314	0.19%	0.009%	
225	18.390	18.368	18.414	VV	417	5758	0.05%	0.002%	
226	18.493	18.414	18.512	PV	132668	2121436	16.89%	0.828%	
227	18.533	18.512	18.606	VV	113113	2008334	15.99%	0.784%	
228	18.625	18.606	18.710	VV	9614	398324	3.17%	0.155%	
229	18.748	18.710	18.868	VV	172489	2877944	22.92%	1.123%	
230	18.883	18.868	18.899	VV	5920	105669	0.84%	0.041%	
231	18.947	18.899	19.009	VV	523013	7597397	60.50%	2.966%	
232	19.053	19.009	19.084	VV	8645	288741	2.30%	0.113%	
233	19.103	19.084	19.134	VV	5160	122031	0.97%	0.048%	
234	19.150	19.134	19.179	VV	3569	85998	0.68%	0.034%	
235	19.227	19.179	19.251	VV	5577	163124	1.30%	0.064%	
236	19.294	19.251	19.321	VV	28579	525891	4.19%	0.205%	
237	19.342	19.321	19.392	VV	14369	305609	2.43%	0.119%	
238	19.419	19.392	19.453	VV	5163	142991	1.14%	0.056%	
239	19.476	19.453	19.497	VV	5357	107484	0.86%	0.042%	
240	19.538	19.497	19.556	VV	4580	127963	1.02%	0.050%	
241	19.579	19.556	19.606	VV	5958	128179	1.02%	0.050%	
242	19.628	19.606	19.669	VV	4110	112518	0.90%	0.044%	
243	19.730	19.669	19.775	VV	506416	7340298	58.45%	2.865%	
244	19.790	19.775	19.805	VV	7216	120209	0.96%	0.047%	
245	19.820	19.805	19.861	VV	7307	184098	1.47%	0.072%	
246	19.894	19.861	19.931	VV	4353	153505	1.22%	0.060%	

Instrument :

FID_E

ClientSampleId :

1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024

Chromatogram Data									
Peak No.	Retention Time (min)	Area	Height	Width	Volume	Concentration (%)	Response	Integration	Integration
247	19.937	19.931	19.959	VV	2938	46451	0.37%	0.018%	
248	20.005	19.959	20.042	VV	5320	183251			
249	20.075	20.042	20.146	VV	7636	296184			
250	20.166	20.146	20.185	VV	3596	74441			
251	20.203	20.185	20.217	VV	3136	56817			
252	20.319	20.217	20.326	VV	4791	247225			
253	20.350	20.326	20.373	VV	6461	154986	1.23%	0.061%	
254	20.401	20.373	20.423	VV	9235	194056	1.55%	0.076%	
255	20.469	20.423	20.571	VV	459932	7394299	58.88%	2.887%	
256	20.625	20.571	20.660	VV	15659	515251	4.10%	0.201%	
257	20.688	20.660	20.738	VV	6999	283736	2.26%	0.111%	
258	20.776	20.738	20.790	VV	7473	198699	1.58%	0.078%	
259	20.818	20.790	20.855	VV	8532	299078	2.38%	0.117%	
260	20.865	20.855	20.967	VV	6979	408521	3.25%	0.159%	
261	21.003	20.967	21.034	VV	5441	208313	1.66%	0.081%	
262	21.086	21.034	21.094	VV	5323	179132	1.43%	0.070%	
263	21.114	21.094	21.151	VV	5511	173310	1.38%	0.068%	
264	21.210	21.151	21.378	VV	376543	7466803	59.46%	2.915%	
265	21.387	21.378	21.488	VV	3312	185646	1.48%	0.072%	
266	21.536	21.488	21.588	VV	2496	133049	1.06%	0.052%	
267	21.635	21.588	21.691	VV	3121	121403	0.97%	0.047%	
268	21.708	21.691	21.741	VV	991	26392	0.21%	0.010%	
269	21.775	21.741	21.812	VV	666	24577	0.20%	0.010%	
270	21.835	21.812	21.850	VV	464	9099	0.07%	0.004%	
271	21.965	21.850	22.027	VV	523	41296	0.33%	0.016%	
272	22.139	22.027	22.254	PV	266651	6685555	53.24%	2.610%	
Sum of corrected areas:					256163689				

Instrument :
FID_E
ClientSampleId :
1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024

Aliphatic EPH 031324.M Tue Mar 19 04:31:25 2024