

Instrument :

FID_E

ClientSampleId :

280608-EPH-2DL

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE05262

Data File : FE042244.D

Signal(s) : FID1B.ch

Acq On : 26 May 2023 10:03

Sample : 02920-02DL 20X

Misc :

ALS Vial : 16 Sample Multiplier: 1

Reviewed By :Yogesh Patel 05/30/2023

Supervised By :Ankita Jodhani 05/30/2023

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.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	3.340	3.305	3.363	BV	191	2021	0.06%	0.002%
2	3.391	3.363	3.406	PV	142	2168	0.07%	0.003%
3	3.411	3.406	3.478	VV	115	3912	0.12%	0.005%
4	3.505	3.478	3.551	VV	173	5424	0.17%	0.007%
5	3.570	3.551	3.596	VV	164	3257	0.10%	0.004%
6	3.633	3.596	3.649	VV	161	3592	0.11%	0.004%
7	3.677	3.649	3.711	VV	190	4301	0.13%	0.005%
8	3.746	3.711	3.759	VV	144	3138	0.10%	0.004%
9	3.778	3.759	3.855	VV	157	6252	0.19%	0.008%
10	3.863	3.855	3.888	VV	139	2330	0.07%	0.003%
11	3.892	3.888	3.924	VV	147	2553	0.08%	0.003%
12	3.975	3.924	3.991	VV	181	5231	0.16%	0.006%
13	3.997	3.991	4.127	VV	173	8527	0.26%	0.010%
14	4.148	4.127	4.188	VV	174	5515	0.17%	0.007%
15	4.204	4.188	4.316	VV	251	11678	0.36%	0.014%
16	4.322	4.316	4.349	VV	182	2825	0.09%	0.003%
17	4.368	4.349	4.383	VV	143	2501	0.08%	0.003%
18	4.398	4.383	4.430	VV	179	3822	0.12%	0.005%
19	4.442	4.430	4.450	VV	177	1569	0.05%	0.002%
20	4.483	4.450	4.531	VV	219	7355	0.22%	0.009%
21	4.566	4.531	4.611	VV	185	5893	0.18%	0.007%
22	4.617	4.611	4.626	VV	96	915	0.03%	0.001%
23	4.641	4.626	4.665	VV	194	2929	0.09%	0.004%
24	4.667	4.665	4.700	VV	210	2293	0.07%	0.003%
25	4.716	4.700	4.818	VV	217	9247	0.28%	0.011%
26	4.829	4.818	4.861	VV	158	2729	0.08%	0.003%
27	4.878	4.861	4.922	VV	151	3620	0.11%	0.004%
28	4.939	4.922	4.951	VV	176	2144	0.07%	0.003%
29	4.980	4.951	4.998	VV	211	3591	0.11%	0.004%
30	5.011	4.998	5.075	VV	165	5693	0.17%	0.007%
31	5.085	5.075	5.092	VV	169	1159	0.04%	0.001%
32	5.101	5.092	5.115	VV	194	1518	0.05%	0.002%
33	5.125	5.115	5.143	VV	138	1642	0.05%	0.002%
34	5.158	5.143	5.171	VV	116	832	0.03%	0.001%
35	5.267	5.171	5.401	VV	157	13576	0.41%	0.016%
36	5.452	5.401	5.475	VV	141	4188	0.13%	0.005%

37	5.482	5.475	5.490	VV	152	1104	0.03%	0.001%
38	5.496	5.490	5.508	VV	145	1140	0.03%	0.001%
39	5.528	5.508	5.539	VV	165	2233	0.03%	0.001%
40	5.544	5.539	5.572	VV	137	1551	0.03%	0.001%
41	5.594	5.572	5.621	PV	144	2892	0.03%	0.001%
42	5.663	5.621	5.673	VV	188	3812	0.03%	0.001%
43	5.691	5.673	5.705	VV	176	2315	0.07%	0.003%
44	5.709	5.705	5.751	VV	150	3491	0.11%	0.004%
45	5.757	5.751	5.775	VV	140	1408	0.04%	0.002%
46	5.783	5.775	5.799	VV	170	1784	0.05%	0.002%
47	5.814	5.799	5.835	VV	170	2159	0.07%	0.003%
48	5.849	5.835	5.918	VV	136	4526	0.14%	0.005%
49	5.926	5.918	5.936	VV	165	1204	0.04%	0.001%
50	5.943	5.936	5.985	VV	107	2937	0.09%	0.004%
51	6.003	5.985	6.043	VV	187	4057	0.12%	0.005%
52	6.053	6.043	6.060	VV	92	955	0.03%	0.001%
53	6.076	6.060	6.090	VV	157	2067	0.06%	0.003%
54	6.101	6.090	6.155	VV	206	2909	0.09%	0.004%
55	6.192	6.155	6.226	VV	272	5930	0.18%	0.007%
56	6.241	6.226	6.287	VV	158	3533	0.11%	0.004%
57	6.327	6.287	6.346	VV	188	4605	0.14%	0.006%
58	6.362	6.346	6.411	VV	174	4068	0.12%	0.005%
59	6.476	6.411	6.526	VV	279	9614	0.29%	0.012%
60	6.542	6.526	6.556	VV	149	2317	0.07%	0.003%
61	6.566	6.556	6.588	VV	147	2352	0.07%	0.003%
62	6.607	6.588	6.622	VV	175	2609	0.08%	0.003%
63	6.717	6.622	6.739	VV	369	11530	0.35%	0.014%
64	6.751	6.739	6.801	VV	156	3083	0.09%	0.004%
65	6.833	6.801	6.848	PV	182	2656	0.08%	0.003%
66	6.855	6.848	6.887	VV	138	2127	0.06%	0.003%
67	6.917	6.887	6.931	VV	207	3579	0.11%	0.004%
68	6.945	6.931	6.968	VV	157	1962	0.06%	0.002%
69	7.005	6.968	7.016	VV	147	2092	0.06%	0.003%
70	7.050	7.016	7.062	VV	135	1953	0.06%	0.002%
71	7.072	7.062	7.080	VV	109	834	0.03%	0.001%
72	7.098	7.080	7.121	VV	190	2256	0.07%	0.003%
73	7.175	7.121	7.218	PV	298	7438	0.23%	0.009%
74	7.222	7.218	7.228	VV	184	814	0.02%	0.001%
75	7.256	7.228	7.308	VV	387	9320	0.28%	0.011%
76	7.322	7.308	7.356	VV	197	3850	0.12%	0.005%
77	7.375	7.356	7.401	VV	198	3118	0.09%	0.004%
78	7.423	7.401	7.445	VV	210	3045	0.09%	0.004%
79	7.457	7.445	7.472	VV	134	1841	0.06%	0.002%
80	7.487	7.472	7.537	VV	140	2891	0.09%	0.004%
81	7.551	7.537	7.590	VV	115	2824	0.09%	0.003%
82	7.632	7.590	7.680	VV	325	8682	0.26%	0.011%
83	7.723	7.680	7.758	PV	261	5911	0.18%	0.007%
84	7.773	7.758	7.801	VV	147	2122	0.06%	0.003%
85	7.832	7.801	7.843	PV	163	1796	0.05%	0.002%
86	7.889	7.843	7.900	VV	210	3189	0.10%	0.004%
87	7.917	7.900	7.934	VV	165	2111	0.06%	0.003%
88	8.093	8.078	8.116	VV	1024	17302	0.53%	0.021%
89	8.142	8.116	8.158	VV	746	14681	0.45%	0.018%

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Manual IntegrationsAPPROVED

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90	8.173	8.158	8.227	VV	549	17926	0.55%	0.022%
91	8.291	8.227	8.303	VV	692	22776		
92	8.327	8.303	8.351	VV	1390	27381		
93	8.395	8.351	8.414	VV	1115	33030		
94	8.434	8.414	8.445	VV	1187	18853		
95	8.478	8.445	8.500	VV	1589	44455		
96	8.568	8.500	8.584	VV	2854	92689	2.82%	0.112%
97	8.601	8.584	8.621	VV	2502	51483	1.57%	0.062%
98	8.681	8.621	8.691	VV	2834	98819	3.01%	0.120%
99	8.700	8.691	8.711	VV	2691	31032	0.94%	0.038%
100	8.755	8.711	8.798	VV	6569	222795	6.78%	0.270%
101	8.819	8.798	8.831	VV	4202	80593	2.45%	0.098%
102	8.860	8.831	8.878	VV	5427	134135	4.08%	0.163%
103	8.985	8.965	9.006	VV	8788	187870	5.72%	0.228%
104	9.027	9.006	9.038	VV	8959	152766	4.65%	0.185%
105	9.054	9.038	9.075	VV	11478	213110	6.49%	0.259%
106	9.092	9.075	9.104	VV	10575	165921	5.05%	0.201%
107	9.119	9.104	9.140	VV	12059	218163	6.64%	0.265%
108	9.191	9.140	9.207	VV	10822	378079	11.51%	0.459%
109	9.222	9.207	9.237	VV	10897	182000	5.54%	0.221%
110	9.254	9.237	9.266	VV	11354	187882	5.72%	0.228%
111	9.284	9.266	9.303	VV	11050	243711	7.42%	0.296%
112	9.345	9.303	9.372	VV	16569	520961	15.86%	0.632%
113	9.384	9.372	9.396	VV	11568	169125	5.15%	0.205%
114	9.410	9.396	9.425	VV	11291	187666	5.71%	0.228%
115	9.439	9.425	9.447	VV	11384	149163	4.54%	0.181%
116	9.467	9.447	9.481	VV	13456	250216	7.62%	0.304%
117	9.496	9.481	9.532	VV	13345	395459	12.04%	0.480%
118	9.573	9.532	9.595	VV	15460	513949	15.65%	0.624%
119	9.626	9.595	9.641	VV	16815	399793	12.17%	0.485%
120	9.657	9.641	9.687	VV	16834	438599	13.36%	0.532%
121	9.732	9.687	9.747	VV	17752	569215	17.33%	0.691%
122	9.763	9.747	9.775	VV	18535	296466	9.03%	0.360%
123	9.787	9.775	9.797	VV	18307	229426	6.99%	0.278%
124	9.814	9.797	9.850	VV	20987	570248	17.36%	0.692%
125	9.895	9.850	9.912	VV	18389	648009	19.73%	0.786%
126	9.932	9.912	9.954	VV	18033	440698	13.42%	0.535%
127	9.976	9.954	10.005	VV	18708	545421	16.61%	0.662%
128	10.028	10.005	10.044	VV	19182	431010	13.12%	0.523%
129	10.072	10.044	10.099	VV	21319	637312	19.41%	0.773%
130	10.123	10.099	10.135	VV	19726	424433	12.92%	0.515%
131	10.162	10.135	10.188	VV	21574	634672	19.33%	0.770%
132	10.209	10.188	10.231	VV	20962	503318	15.33%	0.611%
133	10.249	10.231	10.265	VV	19837	390003	11.88%	0.473%
134	10.288	10.265	10.350	VV	20995	1023102	31.15%	1.241%
135	10.374	10.350	10.383	VV	21548	406653	12.38%	0.493%
136	10.393	10.383	10.417	VV	21328	416849	12.69%	0.506%
137	10.470	10.417	10.493	VV	21893	966183	29.42%	1.172%
138	10.518	10.493	10.532	VV	22341	512027	15.59%	0.621%
139	10.553	10.532	10.572	VV	22748	531126	16.17%	0.644%
140	10.593	10.572	10.615	VV	24475	579588	17.65%	0.703%
141	10.640	10.615	10.668	VV	28505	789248	24.03%	0.958%

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0.55% 0.022%

Manual IntegrationsAPPROVED

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Supervised By :Ankita Jodhani 05/30/2023

						Instrument : FID_E ClientSampleId : 280608-EPH-2DL		
rteres						Manual IntegrationsAPPROVED		
142	10.686	10.668	10.703	VV	24629	489584	14.91%	0.594%
143	10.740	10.703	10.770	VV	26133	967169	29.91%	0.594%
144	10.792	10.770	10.805	VV	23281	470139	14.91%	0.594%
145	10.847	10.805	10.895	VV	25076	1286629	39.91%	0.594%
146	10.938	10.895	10.961	VV	25384	966150	29.91%	0.594%
147	11.000	10.961	11.094	VV	27900	2081895	63.91%	0.594%
148	11.107	11.094	11.121	VV	25075	406715	12.38%	0.493%
149	11.188	11.121	11.208	VV	29788	1424335	43.37%	1.728%
150	11.223	11.208	11.245	VV	26935	566673	17.25%	0.688%
151	11.270	11.245	11.303	VV	27736	901630	27.45%	1.094%
152	11.322	11.303	11.338	VV	26671	543817	16.56%	0.660%
153	11.360	11.338	11.401	VV	26597	986665	30.04%	1.197%
154	11.423	11.401	11.457	VV	28574	916050	27.89%	1.112%
155	11.476	11.457	11.487	VV	28112	494859	15.07%	0.600%
156	11.498	11.487	11.517	VV	28326	490827	14.95%	0.596%
157	11.542	11.517	11.565	VV	27809	782146	23.82%	0.949%
158	11.582	11.565	11.599	VV	28591	569051	17.33%	0.690%
159	11.609	11.599	11.641	VV	28255	710242	21.63%	0.862%
160	11.685	11.641	11.704	VV	27747	1017491	30.98%	1.235%
161	11.731	11.704	11.752	VV	30864	804052	24.48%	0.976%
162	11.765	11.752	11.785	VV	28299	532789	16.22%	0.646%
163	11.807	11.785	11.827	VV	27059	668816	20.37%	0.812%
164	11.961	11.827	11.998	VV	71948	3284128	100.00%	3.985%
165	12.024	11.998	12.045	VV	27669	762180	23.21%	0.925%
166	12.061	12.045	12.082	VV	28339	619929	18.88%	0.752%
167	12.111	12.082	12.129	VV	29476	800385	24.37%	0.971%
168	12.150	12.129	12.182	VV	28835	894785	27.25%	1.086%
169	12.200	12.182	12.211	VV	28094	480708	14.64%	0.583%
170	12.219	12.211	12.238	VV	27335	433131	13.19%	0.526%
171	12.294	12.238	12.351	VV	28338	1868459	56.89%	2.267%
172	12.397	12.351	12.408	VV	27587	912464	27.78%	1.107%
173	12.421	12.408	12.436	VV	28336	464125	14.13%	0.563%
174	12.444	12.436	12.475	VV	27277	611542	18.62%	0.742%
175	12.480	12.475	12.493	VV	26184	286573	8.73%	0.348%
176	12.524	12.493	12.558	VV	27016	1021419	31.10%	1.239%
177	12.580	12.558	12.608	VV	27322	797857	24.29%	0.968%
178	12.627	12.608	12.668	VV	27080	946787	28.83%	1.149%
179	12.685	12.668	12.700	VV	26911	505268	15.39%	0.613%
180	12.739	12.700	12.765	VV	26754	1002004	30.51%	1.216%
181	12.785	12.765	12.794	VV	25786	446884	13.61%	0.542%
182	12.806	12.794	12.848	VV	26317	826216	25.16%	1.003%
183	12.886	12.848	12.936	VV	28368	1377582	41.95%	1.672%
184	12.949	12.936	12.991	VV	25385	818472	24.92%	0.993%
185	13.018	12.991	13.055	VV	24979	941492	28.67%	1.142%
186	13.069	13.055	13.088	VV	24601	473508	14.42%	0.575%
187	13.103	13.088	13.140	VV	24655	752100	22.90%	0.913%
188	13.148	13.140	13.155	VV	23696	215667	6.57%	0.262%
189	13.175	13.155	13.193	VV	23809	529923	16.14%	0.643%
190	13.223	13.193	13.250	VV	24841	809651	24.65%	0.982%
191	13.268	13.250	13.292	VV	23720	584596	17.80%	0.709%
192	13.298	13.292	13.308	VV	23334	223541	6.81%	0.271%
193	13.334	13.308	13.359	VV	24467	718112	21.87%	0.871%
194	13.399	13.359	13.430	VV	53839	1336715	40.70%	1.622%

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195	13.443	13.430	13.461	VV	22627	411836	12.54%	0.500%
196	13.479	13.461	13.497	VV	22623	476464	14.18%	0.500%
197	13.511	13.497	13.531	VV	22350	451407	13.11%	0.500%
198	13.538	13.531	13.558	VV	21851	340219	10.61%	0.500%
199	13.570	13.558	13.586	VV	21991	361469	11.11%	0.500%
200	13.605	13.586	13.671	VV	22540	1089414	33.11%	0.500%
201	13.680	13.671	13.713	VV	21116	528846	16.10%	0.642%
202	13.733	13.713	13.759	VV	21571	554789	16.89%	0.673%
203	13.784	13.759	13.820	VV	20326	729420	22.21%	0.885%
204	13.831	13.820	13.868	VV	20070	561813	17.11%	0.682%
205	13.884	13.868	13.898	VV	19742	346699	10.56%	0.421%
206	13.908	13.898	13.925	VV	19113	304870	9.28%	0.370%
207	13.986	13.925	14.028	VV	18775	1127665	34.34%	1.368%
208	14.078	14.028	14.108	VV	17995	841018	25.61%	1.020%
209	14.114	14.108	14.135	VV	17337	273033	8.31%	0.331%
210	14.156	14.135	14.190	VV	17482	556231	16.94%	0.675%
211	14.211	14.190	14.228	VV	17350	372038	11.33%	0.451%
212	14.238	14.228	14.254	VV	15893	245052	7.46%	0.297%
213	14.266	14.254	14.280	VV	16157	244857	7.46%	0.297%
214	14.294	14.280	14.330	VV	16132	465688	14.18%	0.565%
215	14.340	14.330	14.354	VV	15114	207071	6.31%	0.251%
216	14.378	14.354	14.425	VV	15816	632145	19.25%	0.767%
217	14.449	14.425	14.525	VV	14339	824898	25.12%	1.001%
218	14.538	14.525	14.585	VV	13463	464908	14.16%	0.564%
219	14.602	14.585	14.626	VV	12859	306249	9.33%	0.372%
220	14.634	14.626	14.652	VV	12479	191718	5.84%	0.233%
221	14.667	14.652	14.691	VV	12664	283989	8.65%	0.345%
222	14.702	14.691	14.718	VV	11899	191232	5.82%	0.232%
223	14.734	14.718	14.758	VV	11742	268234	8.17%	0.325%
224	14.775	14.758	14.798	VV	11493	269958	8.22%	0.328%
225	14.807	14.798	14.828	VV	11232	194515	5.92%	0.236%
226	14.845	14.828	14.922	VV	11237	579807	17.65%	0.704%
227	14.934	14.922	14.946	VV	9880	139170	4.24%	0.169%
228	14.971	14.946	14.998	VV	10969	307975	9.38%	0.374%
229	15.008	14.998	15.038	VV	9438	217372	6.62%	0.264%
230	15.049	15.038	15.065	VV	8951	136752	4.16%	0.166%
231	15.092	15.065	15.132	VV	9242	337695	10.28%	0.410%
232	15.147	15.132	15.165	VV	8381	158620	4.83%	0.192%
233	15.176	15.165	15.187	VV	7973	102294	3.11%	0.124%
234	15.202	15.187	15.217	VV	7898	137870	4.20%	0.167%
235	15.258	15.217	15.309	VV	8409	413618	12.59%	0.502%
236	15.324	15.309	15.334	VV	7068	101836	3.10%	0.124%
237	15.342	15.334	15.369	VV	6886	138122	4.21%	0.168%
238	15.405	15.369	15.437	VV	6659	256218	7.80%	0.311%
239	15.450	15.437	15.475	VV	6157	135232	4.12%	0.164%
240	15.500	15.475	15.577	VV	5981	339001	10.32%	0.411%
241	15.595	15.577	15.611	VV	5257	105702	3.22%	0.128%
242	15.624	15.611	15.633	VV	5108	65676	2.00%	0.080%
243	15.653	15.633	15.662	VV	5574	91722	2.79%	0.111%
244	15.669	15.662	15.728	VV	5681	200846	6.12%	0.244%
245	15.737	15.728	15.756	VV	4694	76065	2.32%	0.092%
246	15.775	15.756	15.805	VV	4848	135657	4.13%	0.165%

Instrument :

FID_E

ClientSampleId :

280608-EPH-2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/30/2023

Supervised By :Ankita Jodhani 05/30/2023

247	15.826	15.805	15.899	VV	4410	214599	6.53%	0.260%
248	15.920	15.899	15.981	VV	3657	153716		
249	15.988	15.981	15.998	VV	2985	28578		
250	16.011	15.998	16.028	VV	2949	49330		
251	16.039	16.028	16.061	VV	2867	51776		
252	16.089	16.061	16.110	VV	2989	78625		
253	16.125	16.110	16.160	VV	2524	68328	2.08%	0.083%
254	16.170	16.160	16.226	VV	2383	79087	2.41%	0.096%
255	16.233	16.226	16.252	VV	1963	29329	0.89%	0.036%
256	16.275	16.252	16.352	VV	2240	103778	3.16%	0.126%
257	16.374	16.352	16.407	VV	1286	36323	1.11%	0.044%
258	16.432	16.407	16.444	VV	1248	24247	0.74%	0.029%
259	16.468	16.444	16.525	VV	1712	53907	1.64%	0.065%
260	16.538	16.525	16.548	VV	725	9115	0.28%	0.011%
261	16.596	16.548	16.621	VV	1691	44414	1.35%	0.054%
262	16.644	16.621	16.676	VV	1080	24894	0.76%	0.030%
263	16.688	16.676	16.708	VV	567	7985	0.24%	0.010%
264	16.716	16.708	16.734	VV	550	7908	0.24%	0.010%
265	16.757	16.734	16.788	VV	1278	22358	0.68%	0.027%
266	16.801	16.788	16.812	VV	250	3087	0.09%	0.004%
267	16.841	16.812	16.855	VV	393	5812	0.18%	0.007%
268	16.869	16.855	16.884	VV	459	5895	0.18%	0.007%
269	16.896	16.884	16.900	VV	411	3306	0.10%	0.004%
270	16.911	16.900	16.931	VV	483	7520	0.23%	0.009%
271	16.951	16.931	16.985	VV	729	15337	0.47%	0.019%
272	16.991	16.985	17.008	VV	453	4381	0.13%	0.005%
273	17.020	17.008	17.043	VV	275	4282	0.13%	0.005%
274	17.091	17.043	17.128	PV	587	16285	0.50%	0.020%
275	17.223	17.128	17.298	PV	1288	36641	1.12%	0.044%
276	17.450	17.298	17.461	VV	472	17427	0.53%	0.021%
277	17.474	17.461	17.488	VV	374	4642	0.14%	0.006%
278	17.499	17.488	17.505	VV	113	1114	0.03%	0.001%
279	17.569	17.505	17.581	PV	337	9425	0.29%	0.011%
280	17.673	17.581	17.701	VV	1543	39090	1.19%	0.047%
281	17.709	17.701	17.715	VV	388	3001	0.09%	0.004%
282	17.722	17.715	17.729	VV	360	2818	0.09%	0.003%
283	17.776	17.729	17.781	VV	581	15008	0.46%	0.018%
284	17.801	17.781	17.813	VV	622	10474	0.32%	0.013%
285	18.109	17.813	18.137	VV	3667	231203	7.04%	0.281%
286	18.381	18.137	18.401	VV	4586	507548	15.45%	0.616%
287	18.533	18.401	18.561	VV	7430	537013	16.35%	0.652%
Sum of corrected areas:						82414454		

Instrument :

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6.53% 0.260%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/30/2023

Supervised By :Ankita Jodhani 05/30/2023

Aliphatic EPH 051823.M Sat May 27 01:27:12 2023