

rteres

Instrument :

FID_D

ClientSampleId :

6MSD

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD10112

Data File : FD044096.D

Signal(s) : FID2B.ch

Acq On : 12 Oct 2022 00:57

Sample : N5081-08MSD

Misc :

ALS Vial : 67 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/12/2022

Supervised By :Ankita Jodhani 10/13/2022

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M

Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.160	3.104	3.260	BV	788435	6770389	41.42%	1.794%
2	3.277	3.260	3.314	VV	1406	21296	0.13%	0.006%
3	3.332	3.314	3.374	PV	507	9972	0.06%	0.003%
4	3.388	3.374	3.401	VV	426	4087	0.03%	0.001%
5	3.413	3.401	3.451	VV	768	12969	0.08%	0.003%
6	3.459	3.451	3.492	VV	590	7292	0.04%	0.002%
7	3.521	3.492	3.554	PV	412	6740	0.04%	0.002%
8	3.585	3.554	3.635	VV	368	10666	0.07%	0.003%
9	3.675	3.635	3.705	VV	532	12110	0.07%	0.003%
10	3.729	3.705	3.739	PV	539	6819	0.04%	0.002%
11	3.746	3.739	3.777	VV	449	7238	0.04%	0.002%
12	3.833	3.777	3.863	VV	508	17648	0.11%	0.005%
13	3.875	3.863	3.883	VV	246	1485	0.01%	0.000%
14	3.898	3.883	3.934	VV	561	6400	0.04%	0.002%
15	3.981	3.934	4.094	PV	1753	82116	0.50%	0.022%
16	4.106	4.094	4.125	VV	944	10846	0.07%	0.003%
17	4.140	4.125	4.152	VV	483	5557	0.03%	0.001%
18	4.199	4.152	4.220	VV	784493	6997508	42.81%	1.854%
19	4.241	4.220	4.343	VV	827167	7513636	45.97%	1.991%
20	4.373	4.343	4.405	VV	1992	63652	0.39%	0.017%
21	4.413	4.405	4.427	VV	1401	17095	0.10%	0.005%
22	4.444	4.427	4.488	VV	1884	46762	0.29%	0.012%
23	4.498	4.488	4.537	VV	1142	24566	0.15%	0.007%
24	4.553	4.537	4.565	VV	723	11038	0.07%	0.003%
25	4.597	4.565	4.640	VV	999	33142	0.20%	0.009%
26	4.653	4.640	4.701	VV	785	17616	0.11%	0.005%
27	4.714	4.701	4.775	VV	626	20232	0.12%	0.005%
28	4.795	4.775	4.846	VV	1620	34312	0.21%	0.009%
29	4.865	4.846	4.886	VV	760	13026	0.08%	0.003%
30	4.924	4.886	4.944	VV	808	17192	0.11%	0.005%
31	4.959	4.944	5.002	VV	642	15541	0.10%	0.004%
32	5.013	5.002	5.028	VV	539	6154	0.04%	0.002%
33	5.100	5.028	5.163	VV	1552	65695	0.40%	0.017%
34	5.172	5.163	5.191	VV	505	7418	0.05%	0.002%
35	5.217	5.191	5.310	VV	4349	86603	0.53%	0.023%
36	5.331	5.310	5.374	VV	1254	24288	0.15%	0.006%

					retention			
37	5.389	5.374	5.440	VV	566	15624	0.10%	0.004%
38	5.462	5.440	5.534	VV	3711	65964		
39	5.561	5.534	5.575	PV	610	9026		
40	5.585	5.575	5.596	VV	564	5395		
41	5.623	5.596	5.635	VV	692	10812		
42	5.668	5.635	5.681	VV	424	8951		
43	5.714	5.681	5.732	VV	666	11479	0.07%	0.003%
44	5.762	5.732	5.828	VV	769783	7659288	46.86%	2.030%
45	5.842	5.828	6.035	VV	43132	1143324	6.99%	0.303%
46	6.048	6.035	6.150	VV	2469	124380	0.76%	0.033%
47	6.187	6.150	6.258	VV	739708	7512908	45.96%	1.991%
48	6.269	6.258	6.294	VV	1360	23985	0.15%	0.006%
49	6.304	6.294	6.313	VV	1092	10216	0.06%	0.003%
50	6.331	6.313	6.353	VV	2945	41678	0.25%	0.011%
51	6.365	6.353	6.422	VV	1349	38220	0.23%	0.010%
52	6.467	6.422	6.483	VV	823	24192	0.15%	0.006%
53	6.501	6.483	6.521	VV	1130	17944	0.11%	0.005%
54	6.534	6.521	6.550	VV	737	9801	0.06%	0.003%
55	6.585	6.550	6.605	VV	671	17792	0.11%	0.005%
56	6.626	6.605	6.650	VV	822	17918	0.11%	0.005%
57	6.679	6.650	6.686	VV	1108	17593	0.11%	0.005%
58	6.719	6.686	6.767	VV	7908	140094	0.86%	0.037%
59	6.805	6.767	6.866	VV	723546	7496832	45.86%	1.987%
60	6.876	6.866	6.937	VV	7212	173278	1.06%	0.046%
61	6.947	6.937	6.968	VV	2430	41080	0.25%	0.011%
62	7.007	6.968	7.064	VV	2866	121324	0.74%	0.032%
63	7.100	7.064	7.154	VV	8217	134426	0.82%	0.036%
64	7.162	7.154	7.170	VV	838	7398	0.05%	0.002%
65	7.181	7.170	7.244	VV	1085	35096	0.21%	0.009%
66	7.272	7.244	7.298	VV	1987	32354	0.20%	0.009%
67	7.318	7.298	7.346	VV	443	10528	0.06%	0.003%
68	7.376	7.346	7.388	VV	880	13587	0.08%	0.004%
69	7.390	7.388	7.418	VV	692	9867	0.06%	0.003%
70	7.429	7.418	7.447	VV	781	8810	0.05%	0.002%
71	7.462	7.447	7.483	PV	598	6378	0.04%	0.002%
72	7.520	7.483	7.534	PV	1164	15787	0.10%	0.004%
73	7.551	7.534	7.590	VV	1371	30442	0.19%	0.008%
74	7.618	7.590	7.641	VV	1150	18874	0.12%	0.005%
75	7.660	7.641	7.678	VV	2372	29294	0.18%	0.008%
76	7.717	7.678	7.740	VV	2189	40251	0.25%	0.011%
77	7.754	7.740	7.764	VV	664	6975	0.04%	0.002%
78	7.785	7.764	7.806	VV	3279	39548	0.24%	0.010%
79	7.830	7.806	7.848	VV	1140	17675	0.11%	0.005%
80	7.872	7.848	7.890	VV	1811	24083	0.15%	0.006%
81	7.907	7.890	7.918	VV	788	12152	0.07%	0.003%
82	7.967	7.918	8.001	VV	724351	7676432	46.96%	2.034%
83	8.011	8.001	8.042	VV	1637	26225	0.16%	0.007%
84	8.076	8.042	8.192	VV	694066	7416760	45.37%	1.965%
85	8.205	8.192	8.273	VV	1770	51585	0.32%	0.014%
86	8.287	8.273	8.298	VV	373	3226	0.02%	0.001%
87	8.319	8.298	8.331	PV	899	12898	0.08%	0.003%
88	8.369	8.331	8.432	VV	752340	7887650	48.26%	2.090%
89	8.444	8.432	8.478	VV	3350	80178	0.49%	0.021%

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90	8.493	8.478	8.524	VV	6714	95843	0.59%	0.025%
91	8.542	8.524	8.588	VV	1838	52916		
92	8.611	8.588	8.653	VV	1343	36503		
93	8.705	8.653	8.750	VV	2121	83138		
94	8.778	8.750	8.816	VV	11285	142977		
95	8.831	8.816	8.843	VV	735	10934		
96	8.859	8.843	8.883	VV	1028	15091	0.09%	0.004%
97	8.902	8.883	8.948	VV	671	14224	0.09%	0.004%
98	8.975	8.948	9.001	PV	875	14399	0.09%	0.004%
99	9.012	9.001	9.024	VV	417	4033	0.02%	0.001%
100	9.070	9.024	9.094	VV	1149	23306	0.14%	0.006%
101	9.148	9.094	9.218	VV	689680	7673949	46.95%	2.033%
102	9.225	9.218	9.255	VV	4933	81204	0.50%	0.022%
103	9.278	9.255	9.315	VV	2743	82197	0.50%	0.022%
104	9.329	9.315	9.347	VV	2978	40830	0.25%	0.011%
105	9.365	9.347	9.420	VV	3421	76664	0.47%	0.020%
106	9.449	9.420	9.458	VV	1295	20858	0.13%	0.006%
107	9.498	9.458	9.521	VV	2504	63259	0.39%	0.017%
108	9.554	9.521	9.603	VV	687524	7653324	46.82%	2.028%
109	9.650	9.603	9.690	VV	1262	47438	0.29%	0.013%
110	9.720	9.690	9.750	VV	674	16208	0.10%	0.004%
111	9.777	9.750	9.808	VV	473	10746	0.07%	0.003%
112	9.846	9.808	9.859	PV	581	12598	0.08%	0.003%
113	9.894	9.859	9.908	VV	1580	26725	0.16%	0.007%
114	9.934	9.908	9.961	VV	5637	95896	0.59%	0.025%
115	9.982	9.961	10.000	VV	1518	30312	0.19%	0.008%
116	10.023	10.000	10.049	VV	1872	32046	0.20%	0.008%
117	10.078	10.049	10.104	VV	2819	40453	0.25%	0.011%
118	10.144	10.104	10.155	VV	776	14655	0.09%	0.004%
119	10.215	10.155	10.230	VV	1859	42770	0.26%	0.011%
120	10.247	10.230	10.258	VV	2450	31363	0.19%	0.008%
121	10.283	10.258	10.312	VV	12022	167739	1.03%	0.044%
122	10.351	10.312	10.456	VV	14246	394506	2.41%	0.105%
123	10.476	10.456	10.485	PV	913	9063	0.06%	0.002%
124	10.541	10.485	10.586	VV	702951	7824845	47.87%	2.073%
125	10.617	10.586	10.708	VV	666729	7700853	47.11%	2.041%
126	10.728	10.708	10.766	VV	4350	122792	0.75%	0.033%
127	10.785	10.766	10.831	VV	4297	95279	0.58%	0.025%
128	10.846	10.831	10.871	VV	1767	35473	0.22%	0.009%
129	10.909	10.871	10.944	VV	3561	106046	0.65%	0.028%
130	10.985	10.944	11.016	VV	679646	7806731	47.76%	2.069%
131	11.030	11.016	11.048	VV	3801	55594	0.34%	0.015%
132	11.071	11.048	11.129	VV	8198	154931	0.95%	0.041%
133	11.139	11.129	11.153	VV	614	7595	0.05%	0.002%
134	11.174	11.153	11.194	VV	2254	27510	0.17%	0.007%
135	11.224	11.194	11.244	VV	2393	40655	0.25%	0.011%
136	11.307	11.244	11.359	VV	753021	8301046	50.78%	2.200%
137	11.377	11.359	11.417	VV	4283	89678	0.55%	0.024%
138	11.455	11.417	11.475	VV	5756	97558	0.60%	0.026%
139	11.490	11.475	11.506	VV	3435	53736	0.33%	0.014%
140	11.525	11.506	11.561	VV	3592	67265	0.41%	0.018%
141	11.578	11.561	11.597	VV	906	12931	0.08%	0.003%

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Project Data							Summary Metrics	
ID	Location	Area	Depth	Material	Volume (m³)	Weight (kg)	Efficiency (%)	Cost (€)
142	11.643	11.597	11.670	VV	8299	129455	0.79%	0.034%
143	11.704	11.670	11.726	VV	10800	140180	0.82%	0.035%
144	11.745	11.726	11.760	VV	3075	49902	0.78%	0.034%
145	11.771	11.760	11.804	VV	2770	47082	0.79%	0.034%
146	11.832	11.804	11.881	VV	2499	56220	0.81%	0.035%
147	11.916	11.881	11.980	VV	34413	486760	0.83%	0.036%
148	11.991	11.980	12.001	VV	1140	13405	0.08%	0.004%
149	12.019	12.001	12.037	VV	1259	22945	0.14%	0.006%
150	12.049	12.037	12.074	VV	1238	16266	0.10%	0.004%
151	12.126	12.074	12.178	PV	3750	80061	0.49%	0.021%
152	12.208	12.178	12.218	VV	4374	58967	0.36%	0.016%
153	12.227	12.218	12.246	VV	4196	50569	0.31%	0.013%
154	12.284	12.246	12.314	VV	626495	7512763	45.96%	1.991%
155	12.347	12.314	12.434	VV	658299	7757082	47.46%	2.055%
156	12.448	12.434	12.477	VV	1097	15920	0.10%	0.004%
157	12.498	12.477	12.511	PV	866	10077	0.06%	0.003%
158	12.534	12.511	12.579	VV	6263	99869	0.61%	0.026%
159	12.642	12.579	12.685	VV	664677	7641538	46.75%	2.025%
160	12.725	12.685	12.752	VV	555184	6749007	41.29%	1.788%
161	12.767	12.752	12.794	VV	17911	232472	1.42%	0.062%
162	12.818	12.794	12.851	VV	2514	56427	0.35%	0.015%
163	12.890	12.851	12.919	VV	612051	7394834	45.24%	1.959%
164	12.934	12.919	12.962	VV	5618	107386	0.66%	0.028%
165	12.978	12.962	13.026	VV	3176	62194	0.38%	0.016%
166	13.048	13.026	13.078	VV	1285	24802	0.15%	0.007%
167	13.105	13.078	13.118	PV	2972	45519	0.28%	0.012%
168	13.135	13.118	13.180	VV	10225	160346	0.98%	0.042%
169	13.235	13.180	13.278	VV	6238	136197	0.83%	0.036%
170	13.311	13.278	13.327	PV	2174	43551	0.27%	0.012%
171	13.345	13.327	13.360	VV	3474	44552	0.27%	0.012%
172	13.380	13.360	13.401	VV	4193	74152	0.45%	0.020%
173	13.413	13.401	13.433	VV	2799	41639	0.25%	0.011%
174	13.471	13.433	13.534	VV	579646	7376305	45.13%	1.955%
175	13.548	13.534	13.584	VV	2726	43162	0.26%	0.011%
176	13.622	13.584	13.638	VV	1499	21972	0.13%	0.006%
177	13.677	13.638	13.722	PV	1346	46659	0.29%	0.012%
178	13.737	13.722	13.748	VV	879	9055	0.06%	0.002%
179	13.761	13.748	13.791	VV	795	9202	0.06%	0.002%
180	13.814	13.791	13.828	PV	895	11332	0.07%	0.003%
181	13.859	13.828	13.881	VV	1099	23483	0.14%	0.006%
182	13.910	13.881	13.936	VV	9361	150381	0.92%	0.040%
183	13.957	13.936	13.974	VV	3566	66995	0.41%	0.018%
184	14.023	13.974	14.051	VV	6832	161202	0.99%	0.043%
185	14.068	14.051	14.111	VV	2523	46418	0.28%	0.012%
186	14.149	14.111	14.177	VV	4625	86929	0.53%	0.023%
187	14.200	14.177	14.241	VV	6161	103929	0.64%	0.028%
188	14.267	14.241	14.288	VV	3388	60723	0.37%	0.016%
189	14.306	14.288	14.338	VV	3220	63612	0.39%	0.017%
190	14.348	14.338	14.365	VV	895	11014	0.07%	0.003%
191	14.372	14.365	14.378	VV	694	4504	0.03%	0.001%
192	14.403	14.378	14.428	VV	2046	36149	0.22%	0.010%
193	14.445	14.428	14.457	VV	775	7148	0.04%	0.002%
194	14.512	14.457	14.532	PV	513474	6638226	40.61%	1.759%

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195	14.559	14.532	14.650	VV	971178	13807850	84.47% 3.659%
196	14.672	14.650	14.698	VV	5111	88501	Manual IntegrationsAPPROVED
197	14.717	14.698	14.736	VV	1636	32831	
198	14.754	14.736	14.788	VV	923	18223	
199	14.867	14.788	14.926	PV	2705	98195	
200	14.934	14.926	14.947	VV	607	5151	
201	15.021	14.947	15.056	PV	16332	460458	2.82% 0.122%
202	15.072	15.056	15.089	VV	11890	186877	1.14% 0.050%
203	15.100	15.089	15.124	VV	8205	116954	0.72% 0.031%
204	15.138	15.124	15.160	VV	2880	42688	0.26% 0.011%
205	15.189	15.160	15.211	VV	5442	95292	0.58% 0.025%
206	15.221	15.211	15.239	VV	2615	31181	0.19% 0.008%
207	15.326	15.239	15.373	VV	3761	161982	0.99% 0.043%
208	15.425	15.373	15.438	VV	2315	72110	0.44% 0.019%
209	15.449	15.438	15.487	VV	1852	39229	0.24% 0.010%
210	15.576	15.487	15.618	VV	521604	6833877	41.81% 1.811%
211	15.637	15.618	15.664	VV	3779	68274	0.42% 0.018%
212	15.675	15.664	15.692	VV	1274	16335	0.10% 0.004%
213	15.707	15.692	15.717	VV	833	7961	0.05% 0.002%
214	15.758	15.717	15.795	PV	3090	78719	0.48% 0.021%
215	15.871	15.795	15.916	VV	5980	222264	1.36% 0.059%
216	15.929	15.916	15.957	VV	2807	62753	0.38% 0.017%
217	16.062	15.957	16.078	VV	453666	7270671	44.48% 1.927%
218	16.094	16.078	16.170	VV	525075	6368783	38.96% 1.688%
219	16.197	16.170	16.244	VV	9442	277980	1.70% 0.074%
220	16.252	16.244	16.271	VV	5577	73134	0.45% 0.019%
221	16.284	16.271	16.294	VV	3671	49527	0.30% 0.013%
222	16.349	16.294	16.361	VV	8216	212272	1.30% 0.056%
223	16.380	16.361	16.406	VV	27140	413228	2.53% 0.109%
224	16.440	16.406	16.478	VV	465630	5970729	36.53% 1.582%
225	16.516	16.478	16.573	VV	475130	6975238	42.67% 1.848%
226	16.590	16.573	16.622	VV	16385	302046	1.85% 0.080%
227	16.633	16.622	16.644	VV	5641	70106	0.43% 0.019%
228	16.685	16.644	16.712	VV	8138	269526	1.65% 0.071%
229	16.737	16.712	16.769	VV	9300	258380	1.58% 0.068%
230	16.822	16.769	16.856	VV	10208	425460	2.60% 0.113%
231	16.866	16.856	16.873	VV	6942	71166	0.44% 0.019%
232	16.960	16.873	17.042	VV	43926	1640718	10.04% 0.435%
233	17.059	17.042	17.082	VV	11550	250899	1.53% 0.066%
234	17.118	17.082	17.171	VV	11371	506129	3.10% 0.134%
235	17.223	17.171	17.244	VV	10270	386782	2.37% 0.102%
236	17.284	17.244	17.304	VV	13103	370378	2.27% 0.098%
237	17.317	17.304	17.334	VV	10904	179852	1.10% 0.048%
238	17.396	17.334	17.454	VV	444458	6858456	41.96% 1.817%
239	17.484	17.454	17.506	VV	19713	415052	2.54% 0.110%
240	17.524	17.506	17.594	VV	16560	664937	4.07% 0.176%
241	17.615	17.594	17.651	VV	13953	384660	2.35% 0.102%
242	17.667	17.651	17.681	VV	10525	180153	1.10% 0.048%
243	17.715	17.681	17.733	VV	19293	470505	2.88% 0.125%
244	17.740	17.733	17.762	VV	14930	247177	1.51% 0.065%
245	17.809	17.762	17.824	VV	471461	7156509	43.78% 1.896%
246	17.843	17.824	17.931	VV	493289	7722602	47.25% 2.046%

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247	17.947	17.931	17.961	VV	21305	365422	2.24%	0.097%	
248	17.976	17.961	17.997	VV	22034	411755			
249	18.065	17.997	18.138	VV	479462	7735015	47.94%	1.973%	
250	18.154	18.138	18.163	VV	16256	244838			
251	18.218	18.163	18.251	VV	445052	6974010	44.50%	1.973%	
252	18.313	18.251	18.337	VV	32097	1178397			
253	18.363	18.337	18.380	VV	22789	550469	3.37%	0.146%	
254	18.400	18.380	18.428	VV	24703	625868	3.83%	0.166%	
255	18.484	18.428	18.498	VV	24319	894311	5.47%	0.237%	
256	18.521	18.498	18.545	VV	24648	656581	4.02%	0.174%	
257	18.633	18.545	18.724	VV	45546	3696784	22.62%	0.980%	
258	18.745	18.724	18.834	VV	34666	1985973	12.15%	0.526%	
259	18.846	18.834	18.867	VV	26167	491833	3.01%	0.130%	
260	18.902	18.867	18.941	VV	31330	1254213	7.67%	0.332%	
261	18.993	18.941	19.029	VV	426917	7447176	45.56%	1.973%	
262	19.052	19.029	19.074	VV	41422	973315	5.95%	0.258%	
263	19.100	19.074	19.125	VV	40011	1101701	6.74%	0.292%	
264	19.213	19.125	19.261	VV	44674	3091015	18.91%	0.819%	
265	19.282	19.261	19.307	VV	44914	1168037	7.15%	0.310%	
266	19.328	19.307	19.346	VV	53016	1133601	6.94%	0.300%	
267	19.360	19.346	19.376	VV	46979	817182	5.00%	0.217%	
268	19.394	19.376	19.417	VV	46263	1092218	6.68%	0.289%	
269	19.438	19.417	19.465	VV	43896	1234036	7.55%	0.327%	
270	19.475	19.465	19.488	VV	43667	566309	3.46%	0.150%	
271	19.525	19.488	19.541	VV	45914	1408336	8.62%	0.373%	
272	19.554	19.541	19.569	VV	46121	762895	4.67%	0.202%	
273	19.595	19.569	19.644	VV	53664	2227612	13.63%	0.590%	
274	19.670	19.644	19.681	VV	48111	1016349	6.22%	0.269%	
275	19.725	19.681	19.761	VV	437063	8018322	49.05%	2.125%	
276	19.783	19.761	19.802	VV	57965	1346214	8.24%	0.357%	
277	19.814	19.802	19.828	VV	54800	810696	4.96%	0.215%	
278	19.858	19.828	19.881	VV	55523	1731727	10.59%	0.459%	
279	19.892	19.881	19.908	VV	52784	839858	5.14%	0.223%	
280	20.022	19.908	20.029	VV	60739	4084424	24.99%	1.082%	
281	20.040	20.029	20.061	VV	60459	1134295	6.94%	0.301%	
282	20.071	20.061	20.108	VV	60104	1601856	9.80%	0.424%	
283	20.120	20.108	20.136	VV	57256	943101	5.77%	0.250%	
284	20.252	20.136	20.261	VV	69432	4594304	28.11%	1.217%	
285	20.268	20.261	20.351	VV	68793	3538254	21.65%	0.938%	
286	20.417	20.351	20.560	VV	433060	13970871	85.47%	3.702%	
287	20.709	20.560	20.894	VV	152559	16345749	100.00%	4.331%	
288	20.916	20.894	20.934	VV	46835	1106668	6.77%	0.293%	
289	21.006	20.934	21.114	VV	52832	5012859	30.67%	1.328%	
290	21.183	21.114	21.201	VBA	312659	7693534	47.07%	2.039%	

Sum of corrected areas: 377384651

Aliphatic EPH 100522.M Wed Oct 12 07:48:18 2022

Instrument :

FID_D

ClientSampleId :

6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/12/2022
Supervised By :Ankita Jodhani 10/13/2022