

Instrument :

FID_E

ClientSampleId :

WC-1DL

rteres

Area Percent Report

Manual IntegrationsAPPROVED

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

Data File : FE045131.D

Signal(s) : FID1B.ch

Acq On : 01 Nov 2023 11:48

Sample : 05167-01DL 10X

Misc :

ALS Vial : 17 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/06/2023

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.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	3.227	3.184	3.248	BV	2479	24750	0.71%	0.016%
2	3.259	3.248	3.281	VV	372	4287	0.12%	0.003%
3	3.287	3.281	3.322	VV	206	2183	0.06%	0.001%
4	3.423	3.322	3.441	PV	311	10430	0.30%	0.007%
5	3.462	3.441	3.484	VV	449	6447	0.19%	0.004%
6	3.502	3.484	3.521	VV	238	3684	0.11%	0.002%
7	3.541	3.521	3.601	VV	222	8172	0.23%	0.005%
8	3.621	3.601	3.658	VV	551	10008	0.29%	0.006%
9	3.703	3.658	3.728	VV	861	16146	0.46%	0.010%
10	3.750	3.728	3.794	VV	6910	72894	2.09%	0.047%
11	3.814	3.794	3.824	VV	163	2327	0.07%	0.001%
12	3.832	3.824	3.840	VV	135	1059	0.03%	0.001%
13	3.865	3.840	3.917	VV	4581	48516	1.39%	0.031%
14	3.929	3.917	3.941	VV	162	2191	0.06%	0.001%
15	3.954	3.941	4.000	VV	487	8489	0.24%	0.005%
16	4.022	4.000	4.058	VV	457	6558	0.19%	0.004%
17	4.073	4.058	4.108	VV	240	5031	0.14%	0.003%
18	4.122	4.108	4.168	VV	362	6437	0.18%	0.004%
19	4.174	4.168	4.202	VV	160	2184	0.06%	0.001%
20	4.229	4.202	4.241	VV	542	6482	0.19%	0.004%
21	4.250	4.241	4.284	VV	418	7730	0.22%	0.005%
22	4.292	4.284	4.318	VV	247	3687	0.11%	0.002%
23	4.321	4.318	4.331	VV	187	1199	0.03%	0.001%
24	4.340	4.331	4.378	VV	219	4085	0.12%	0.003%
25	4.421	4.378	4.471	VV	271	9934	0.29%	0.006%
26	4.479	4.471	4.496	VV	181	2324	0.07%	0.001%
27	4.525	4.496	4.554	VV	247	6146	0.18%	0.004%
28	4.562	4.554	4.607	VV	220	5294	0.15%	0.003%
29	4.648	4.607	4.680	VV	223	5600	0.16%	0.004%
30	4.696	4.680	4.729	VV	168	2266	0.07%	0.001%
31	4.749	4.729	4.768	VV	145	2370	0.07%	0.002%

32	4.804	4.768	4.841	VV	210	5255	0.15%	0.003%
33	4.859	4.841	4.872	VV	177	278		
34	4.935	4.872	4.948	VV	236	854		
35	4.984	4.948	5.015	VV	270	757		
36	5.023	5.015	5.048	VV	185	351		
37	5.087	5.048	5.098	VV	223	4585	0.13%	0.003%
38	5.117	5.098	5.161	VV	224	5828	0.17%	0.004%
39	5.168	5.161	5.174	VV	194	1185	0.03%	0.001%
40	5.182	5.174	5.224	VV	135	2719	0.08%	0.002%
41	5.233	5.224	5.274	PV	128	2245	0.06%	0.001%
42	5.296	5.274	5.344	VV	161	3371	0.10%	0.002%
43	5.373	5.344	5.428	VV	152	2422	0.07%	0.002%
44	5.438	5.428	5.448	VV	83	499	0.01%	0.000%
45	5.468	5.448	5.495	VV	137	1613	0.05%	0.001%
46	5.522	5.495	5.534	PV	152	1987	0.06%	0.001%
47	5.537	5.534	5.560	VV	110	705	0.02%	0.000%
48	5.584	5.560	5.598	PV	80	1241	0.04%	0.001%
49	5.674	5.598	5.718	VV	138	5942	0.17%	0.004%
50	5.729	5.718	5.753	VV	188	2187	0.06%	0.001%
51	5.770	5.753	5.781	VV	182	2331	0.07%	0.001%
52	5.854	5.781	5.888	VV	215	7179	0.21%	0.005%
53	5.901	5.888	5.918	VV	105	1420	0.04%	0.001%
54	5.939	5.918	5.951	VV	86	1320	0.04%	0.001%
55	5.997	5.951	6.018	VV	151	3633	0.10%	0.002%
56	6.117	6.018	6.174	VV	233	9505	0.27%	0.006%
57	6.236	6.174	6.288	VV	317	11256	0.32%	0.007%
58	6.295	6.288	6.304	VV	162	1580	0.05%	0.001%
59	6.325	6.304	6.348	VV	201	4340	0.12%	0.003%
60	6.358	6.348	6.381	VV	202	3721	0.11%	0.002%
61	6.412	6.381	6.457	VV	278	8276	0.24%	0.005%
62	6.501	6.457	6.531	VV	231	8393	0.24%	0.005%
63	6.535	6.531	6.564	VV	195	2800	0.08%	0.002%
64	6.573	6.564	6.591	VV	188	2146	0.06%	0.001%
65	6.618	6.591	6.633	VV	187	3365	0.10%	0.002%
66	6.662	6.633	6.687	VV	151	3799	0.11%	0.002%
67	6.697	6.687	6.708	VV	134	1229	0.04%	0.001%
68	6.776	6.708	6.794	VV	155	5181	0.15%	0.003%
69	6.835	6.794	6.848	VV	152	3013	0.09%	0.002%
70	6.851	6.848	6.858	VV	126	561	0.02%	0.000%
71	6.867	6.858	6.884	VV	84	816	0.02%	0.001%
72	6.892	6.884	6.911	PV	102	856	0.02%	0.001%
73	6.928	6.911	6.978	VV	67	1898	0.05%	0.001%
74	7.088	6.978	7.111	VV	204	5371	0.15%	0.003%
75	7.128	7.111	7.142	VV	195	2440	0.07%	0.002%
76	7.150	7.142	7.160	VV	165	1493	0.04%	0.001%
77	7.190	7.160	7.211	VV	225	5453	0.16%	0.003%
78	7.237	7.211	7.264	VV	405	9021	0.26%	0.006%
79	7.269	7.264	7.319	VV	254	6333	0.18%	0.004%

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80	7.329	7.319	7.336	VV	215	1885	0.05%	0.001%
81	7.354	7.336	7.364	VV	237	362		
82	7.372	7.364	7.402	VV	232	426		
83	7.433	7.402	7.454	VV	359	686		
84	7.466	7.454	7.482	VV	207	266		
85	7.491	7.482	7.497	VV	143	922	0.03%	0.001%
86	7.505	7.497	7.514	VV	174	1194	0.03%	0.001%
87	7.535	7.514	7.575	VV	230	5105	0.15%	0.003%
88	7.589	7.575	7.601	VV	152	1970	0.06%	0.001%
89	7.654	7.601	7.694	VV	348	11082	0.32%	0.007%
90	7.705	7.694	7.764	VV	121	3161	0.09%	0.002%
91	7.804	7.764	7.819	PV	152	2771	0.08%	0.002%
92	8.073	8.044	8.108	VV	1079	33643	0.97%	0.022%
93	8.119	8.108	8.147	VV	804	16271	0.47%	0.010%
94	8.217	8.147	8.230	VV	982	36306	1.04%	0.023%
95	8.256	8.230	8.295	VV	1499	42941	1.23%	0.028%
96	8.321	8.295	8.338	VV	1552	34074	0.98%	0.022%
97	8.361	8.338	8.373	VV	1691	33079	0.95%	0.021%
98	8.404	8.373	8.424	VV	2179	60148	1.73%	0.039%
99	8.449	8.424	8.458	VV	2520	46623	1.34%	0.030%
100	8.502	8.458	8.514	VV	3547	101724	2.92%	0.065%
101	8.528	8.514	8.560	VV	3858	97566	2.80%	0.063%
102	8.681	8.560	8.723	VV	8746	522633	15.02%	0.335%
103	8.781	8.723	8.799	VV	8595	327844	9.42%	0.210%
104	8.914	8.892	8.939	VV	13352	347768	9.99%	0.223%
105	8.952	8.939	8.958	VV	11931	126959	3.65%	0.081%
106	8.980	8.958	9.000	VV	18293	379968	10.92%	0.243%
107	9.017	9.000	9.028	VV	15676	244102	7.02%	0.156%
108	9.045	9.028	9.067	VV	19388	374546	10.76%	0.240%
109	9.087	9.067	9.121	VV	15234	479855	13.79%	0.307%
110	9.144	9.121	9.161	VV	18713	397785	11.43%	0.255%
111	9.208	9.161	9.231	VV	19785	774355	22.25%	0.496%
112	9.268	9.231	9.304	VV	22837	878711	25.25%	0.563%
113	9.314	9.304	9.321	VV	19289	189204	5.44%	0.121%
114	9.341	9.321	9.350	VV	20350	342512	9.84%	0.219%
115	9.364	9.350	9.377	VV	21068	330804	9.51%	0.212%
116	9.437	9.377	9.464	VV	25047	1187389	34.12%	0.761%
117	9.480	9.464	9.491	VV	23566	374677	10.77%	0.240%
118	9.508	9.491	9.525	VV	24178	478945	13.76%	0.307%
119	9.561	9.525	9.579	VV	28038	816355	23.46%	0.523%
120	9.598	9.579	9.615	VV	27562	570694	16.40%	0.366%
121	9.659	9.615	9.681	VV	30144	1106537	31.80%	0.709%
122	9.741	9.681	9.774	VV	41982	1771566	50.91%	1.135%
123	9.822	9.774	9.841	VV	31234	1230118	35.35%	0.788%
124	9.908	9.841	9.937	VV	33719	1856893	53.36%	1.190%
125	9.997	9.937	10.008	VV	33838	1390836	39.97%	0.891%
126	10.015	10.008	10.024	VV	33648	333951	9.60%	0.214%

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127	10.092	10.024	10.123	VV	37242	2089328	60.04%	1.339%
128	10.142	10.123	10.160	VV	36972	79669		
129	10.187	10.160	10.200	VV	37925	88871		
130	10.215	10.200	10.263	VV	38904	142718		
131	10.274	10.263	10.287	VV	37575	55199		
132	10.316	10.287	10.351	VV	40040	1488033	42.76%	0.953%
133	10.368	10.351	10.389	VV	40953	902160	25.93%	0.578%
134	10.404	10.389	10.416	VV	40256	641721	18.44%	0.411%
135	10.483	10.416	10.501	VV	43065	2064418	59.33%	1.323%
136	10.524	10.501	10.544	VV	43764	1113302	31.99%	0.713%
137	10.580	10.544	10.591	VV	44399	1221834	35.11%	0.783%
138	10.617	10.591	10.631	VV	45007	1062040	30.52%	0.680%
139	10.672	10.631	10.700	VV	51203	1875013	53.88%	1.201%
140	10.732	10.700	10.747	VV	44362	1234937	35.49%	0.791%
141	10.771	10.747	10.786	VV	46735	1066532	30.65%	0.683%
142	10.805	10.786	10.826	VV	46128	1055798	30.34%	0.676%
143	10.872	10.826	10.891	VV	46976	1768331	50.82%	1.133%
144	10.927	10.891	10.968	VV	50592	2179298	62.63%	1.396%
145	11.001	10.968	11.024	VV	47580	1592524	45.77%	1.020%
146	11.034	11.024	11.055	VV	47276	847366	24.35%	0.543%
147	11.076	11.055	11.094	VV	48776	1097079	31.53%	0.703%
148	11.123	11.094	11.144	VV	53549	1524092	43.80%	0.977%
149	11.154	11.144	11.179	VV	50434	1015979	29.20%	0.651%
150	11.199	11.179	11.239	VV	49017	1699906	48.85%	1.089%
151	11.252	11.239	11.270	VV	48535	879694	25.28%	0.564%
152	11.288	11.270	11.321	VV	49659	1467982	42.19%	0.941%
153	11.360	11.321	11.388	VV	51845	1998203	57.42%	1.280%
154	11.409	11.388	11.441	VV	51486	1588007	45.64%	1.017%
155	11.468	11.441	11.491	VV	51105	1489177	42.80%	0.954%
156	11.514	11.491	11.526	VV	50930	1010816	29.05%	0.648%
157	11.546	11.526	11.577	VV	50568	1524192	43.80%	0.977%
158	11.600	11.577	11.637	VV	49078	1719433	49.41%	1.102%
159	11.664	11.637	11.703	VV	51010	1935436	55.62%	1.240%
160	11.714	11.703	11.722	VV	47843	545736	15.68%	0.350%
161	11.738	11.722	11.761	VV	48060	1106853	31.81%	0.709%
162	11.780	11.761	11.793	VV	47620	885804	25.46%	0.568%
163	11.812	11.793	11.823	VV	48859	879313	25.27%	0.563%
164	11.894	11.823	11.924	VV	93297	3479696	100.00%	2.229%
165	11.948	11.924	11.971	VV	51241	1407397	40.45%	0.902%
166	11.984	11.971	12.010	VV	50846	1170843	33.65%	0.750%
167	12.046	12.010	12.060	VV	51718	1507030	43.31%	0.966%
168	12.080	12.060	12.125	VV	53584	1975200	56.76%	1.266%
169	12.133	12.125	12.147	VV	51418	665135	19.11%	0.426%
170	12.157	12.147	12.168	VV	49791	628978	18.08%	0.403%
171	12.194	12.168	12.209	VV	51611	1210074	34.78%	0.775%
172	12.237	12.209	12.259	VV	50397	1493883	42.93%	0.957%
173	12.267	12.259	12.282	VV	49067	650954	18.71%	0.417%
174	12.310	12.282	12.332	VV	48268	1441710	41.43%	0.924%

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175	12.360	12.332	12.370	VV	49239	1101989	31.67%	0.706%
176	12.388	12.370	12.431	VV	49438	173826		
177	12.467	12.431	12.488	VV	49485	163973		
178	12.506	12.488	12.534	VV	51962	140972		
179	12.559	12.534	12.598	VV	49999	182375		
180	12.617	12.598	12.628	VV	48914	876172	25.18%	0.561%
181	12.645	12.628	12.662	VV	50363	981509	28.21%	0.629%
182	12.671	12.662	12.700	VV	49366	1095073	31.47%	0.702%
183	12.751	12.700	12.791	VV	46846	2491263	71.59%	1.596%
184	12.831	12.791	12.849	VV	47439	1595662	45.86%	1.022%
185	12.856	12.849	12.875	VV	46655	699902	20.11%	0.448%
186	12.910	12.875	12.924	VV	46051	1319168	37.91%	0.845%
187	12.951	12.924	12.979	VV	53164	1568121	45.06%	1.005%
188	13.004	12.979	13.076	VV	46768	2618437	75.25%	1.678%
189	13.098	13.076	13.136	VV	43972	1536219	44.15%	0.984%
190	13.160	13.136	13.185	VV	43123	1240575	35.65%	0.795%
191	13.251	13.185	13.298	VV	49352	2946330	84.67%	1.888%
192	13.338	13.298	13.380	VV	70265	2435731	70.00%	1.561%
193	13.398	13.380	13.418	VV	41797	935479	26.88%	0.599%
194	13.442	13.418	13.468	VV	42190	1248747	35.89%	0.800%
195	13.476	13.468	13.495	VV	41938	673894	19.37%	0.432%
196	13.508	13.495	13.538	VV	41305	1034534	29.73%	0.663%
197	13.552	13.538	13.574	VV	41975	901761	25.91%	0.578%
198	13.581	13.574	13.601	VV	41348	663417	19.07%	0.425%
199	13.618	13.601	13.631	VV	40905	712158	20.47%	0.456%
200	13.670	13.631	13.695	VV	42232	1548437	44.50%	0.992%
201	13.712	13.695	13.757	VV	40427	1471451	42.29%	0.943%
202	13.770	13.757	13.802	VV	39717	1066377	30.65%	0.683%
203	13.826	13.802	13.881	VV	39955	1831976	52.65%	1.174%
204	13.915	13.881	13.933	VV	39586	1193680	34.30%	0.765%
205	13.947	13.933	13.964	VV	39075	724920	20.83%	0.464%
206	14.000	13.964	14.063	VV	37905	2198289	63.17%	1.408%
207	14.093	14.063	14.131	VV	39003	1516299	43.58%	0.972%
208	14.143	14.131	14.200	VV	36683	1461521	42.00%	0.936%
209	14.243	14.200	14.268	VV	35204	1397738	40.17%	0.896%
210	14.312	14.268	14.354	VV	35067	1740879	50.03%	1.115%
211	14.377	14.354	14.452	VV	33419	1886326	54.21%	1.209%
212	14.487	14.452	14.531	VV	31131	1430664	41.11%	0.917%
213	14.552	14.531	14.577	VV	29108	796948	22.90%	0.511%
214	14.610	14.577	14.640	VV	29087	1055295	30.33%	0.676%
215	14.653	14.640	14.699	VV	27692	946761	27.21%	0.607%
216	14.713	14.699	14.731	VV	26305	501398	14.41%	0.321%
217	14.742	14.731	14.802	VV	26523	1084871	31.18%	0.695%
218	14.823	14.802	14.881	VV	25327	1087978	31.27%	0.697%
219	14.885	14.881	14.890	VV	21802	124473	3.58%	0.080%
220	14.905	14.890	14.976	VV	22214	1063036	30.55%	0.681%
221	14.990	14.976	15.016	VV	19476	447473	12.86%	0.287%

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222	15.033	15.016	15.069	VV	19267	576460	16.57%	0.369%
223	15.079	15.069	15.110	VV	17290	41785		
224	15.133	15.110	15.158	VV	18745	49721		
225	15.176	15.158	15.276	VV	17981	104997		
226	15.291	15.276	15.488	VV	13257	133354		
227	15.493	15.488	15.587	VV	8746	437620	12.58%	0.280%
228	15.613	15.587	15.668	VV	7093	307493	8.84%	0.197%
229	15.678	15.668	15.705	VV	5940	125768	3.61%	0.081%
230	15.717	15.705	15.762	VV	5645	167271	4.81%	0.107%
231	15.778	15.762	15.791	VV	4600	77882	2.24%	0.050%
232	15.803	15.791	15.926	VV	4392	269062	7.73%	0.172%
233	15.955	15.926	16.008	VV	2630	113653	3.27%	0.073%
234	16.030	16.008	16.158	VV	1918	123164	3.54%	0.079%
235	16.180	16.158	16.199	VV	1059	22927	0.66%	0.015%
236	16.222	16.199	16.321	VV	1641	46799	1.34%	0.030%
237	16.361	16.321	16.383	VV	264	5875	0.17%	0.004%
238	16.413	16.383	16.434	VV	309	4908	0.14%	0.003%
239	16.444	16.434	16.470	VV	80	1403	0.04%	0.001%
240	16.483	16.470	16.512	PV	141	2113	0.06%	0.001%
241	16.544	16.512	16.568	VV	898	11491	0.33%	0.007%
242	16.613	16.568	16.644	VV	204	3841	0.11%	0.002%
243	16.698	16.644	16.763	PV	4844	109856	3.16%	0.070%
244	16.779	16.763	16.800	VV	305	3953	0.11%	0.003%
245	16.830	16.800	16.898	PV	1280	25689	0.74%	0.016%
246	16.915	16.898	16.923	VV	89	1235	0.04%	0.001%
247	17.018	16.923	17.045	PV	2479	40176	1.15%	0.026%
248	17.078	17.045	17.123	VV	2859	49974	1.44%	0.032%
249	17.178	17.123	17.209	VV	2038	38833	1.12%	0.025%
250	17.484	17.209	17.514	VV	287	37480	1.08%	0.024%
251	17.625	17.514	17.649	PV	1421	28496	0.82%	0.018%
252	17.744	17.649	17.758	PV	412	13997	0.40%	0.009%
253	18.064	17.758	18.098	VV	1971	84382	2.42%	0.054%
254	18.388	18.098	18.413	PV	479	-17303	-0.50%	-0.011%
255	18.458	18.413	18.471	PV	2297	40726	1.17%	0.026%
256	18.490	18.471	18.520	VV	2875	57328	1.65%	0.037%
257	18.711	18.520	18.739	VV	1722	106180	3.05%	0.068%
258	18.901	18.739	18.943	VV	2596	102149	2.94%	0.065%
259	18.996	18.943	19.007	VV	466	13261	0.38%	0.008%
260	19.298	19.007	19.324	VV	4879	324930	9.34%	0.208%
261	19.397	19.324	19.417	VV	3492	188148	5.41%	0.121%
262	19.685	19.417	19.704	VV	9504	885735	25.45%	0.568%
263	19.982	19.704	19.994	VV	12892	1829871	52.59%	1.172%
264	20.014	19.994	20.027	VV	12521	239989	6.90%	0.154%
265	20.055	20.027	20.076	VV	12874	374224	10.75%	0.240%
266	20.218	20.076	20.226	VV	18340	1344877	38.65%	0.862%
267	20.290	20.226	20.314	VV	18413	961170	27.62%	0.616%

Sum of corrected areas: 156076531

Instrument :

FID_E

ClientSampleId :

WC-1DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/06/2023

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Aliphatic EPH 101223.M Thu Nov 02 07:26:13 2023

Instrument :

FID_E

ClientSampleId :

WC-1DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/06/2023