

Instrument :

FID_F

ClientSampleId :

WC1DL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/21/2025

Supervised By :mohammad ahmed 03/24/2025

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF03202
Data File : FF015703.D
Signal(s) : FID2B.ch
Acq On : 20 Mar 2025 15:56
Sample : Q1574-01DL 10X
Misc :
ALS Vial : 78 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 031725.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	2.859	2.801	2.883	BV	262	2880	0.04%	0.001%
2	2.899	2.883	2.911	PV	103	895	0.01%	0.000%
3	2.956	2.911	2.972	VV	190	3790	0.05%	0.001%
4	3.022	2.972	3.075	VV	241	9215	0.12%	0.003%
5	3.098	3.075	3.110	VV	327	5940	0.08%	0.002%
6	3.246	3.235	3.278	VV	335	7200	0.09%	0.003%
7	3.442	3.410	3.475	VV	423	13835	0.18%	0.005%
8	3.592	3.588	3.599	VV	410	2428	0.03%	0.001%
9	3.606	3.599	3.615	VV	382	3406	0.04%	0.001%
10	3.633	3.615	3.646	VV	535	8478	0.11%	0.003%
11	3.704	3.695	3.736	VV	436	9560	0.12%	0.004%
12	4.073	4.058	4.081	VV	396	5261	0.07%	0.002%
13	4.147	4.130	4.172	VV	629	12587	0.16%	0.005%
14	4.180	4.172	4.200	VV	443	6646	0.09%	0.003%
15	4.223	4.200	4.243	VV	506	10851	0.14%	0.004%
16	4.466	4.428	4.488	VV	768	19883	0.25%	0.007%
17	4.645	4.635	4.675	VV	545	10426	0.13%	0.004%
18	4.692	4.675	4.712	VV	598	10071	0.13%	0.004%
19	4.821	4.803	4.841	VV	602	12517	0.16%	0.005%
20	4.854	4.841	4.868	VV	787	10334	0.13%	0.004%
21	5.052	5.028	5.067	VV	744	14652	0.19%	0.006%
22	5.272	5.252	5.297	VV	1060	17783	0.23%	0.007%
23	5.391	5.356	5.427	VV	566	18243	0.23%	0.007%
24	5.496	5.488	5.545	VV	557	13986	0.18%	0.005%
25	5.645	5.625	5.674	VV	436	8954	0.11%	0.003%
26	5.748	5.734	5.765	VV	561	8101	0.10%	0.003%
27	5.828	5.818	5.846	VV	392	5794	0.07%	0.002%
28	5.855	5.846	5.869	VV	377	4168	0.05%	0.002%
29	6.001	5.981	6.051	VV	798	21674	0.28%	0.008%
30	6.116	6.108	6.124	VV	420	3432	0.04%	0.001%
31	6.185	6.161	6.214	VV	479	10230	0.13%	0.004%
32	6.336	6.311	6.360	VV	658	13927	0.18%	0.005%
33	6.684	6.659	6.708	VV	383	9529	0.12%	0.004%
34	6.854	6.838	6.871	VV	460	6828	0.09%	0.003%
35	6.888	6.871	6.909	VV	735	10537	0.13%	0.004%
36	6.960	6.940	6.999	VV	374	7707	0.10%	0.003%

					retention			
37	7.025	6.999	7.054	VV	262	5510	0.07%	0.002%
38	7.067	7.054	7.095	VV	171	2849		
39	7.103	7.095	7.115	VV	131	1167		
40	7.127	7.115	7.164	VV	162	2194		
41	7.197	7.164	7.210	PV	124	2604		
42	7.248	7.210	7.259	VV	404	6524		
43	7.268	7.259	7.288	VV	430	5665	0.07%	0.002%
44	7.355	7.331	7.394	VV	480	12477	0.16%	0.005%
45	7.414	7.394	7.433	VV	400	6176	0.08%	0.002%
46	7.538	7.500	7.567	VV	578	10863	0.14%	0.004%
47	7.772	7.759	7.805	VV	318	6290	0.08%	0.002%
48	7.814	7.805	7.831	VV	215	3156	0.04%	0.001%
49	7.859	7.831	7.908	VV	252	7865	0.10%	0.003%
50	7.946	7.908	7.984	VV	254	7815	0.10%	0.003%
51	7.997	7.984	8.008	VV	204	1971	0.03%	0.001%
52	8.022	8.008	8.037	VV	175	2488	0.03%	0.001%
53	8.210	8.198	8.235	VV	237	3702	0.05%	0.001%
54	8.255	8.235	8.298	VV	282	4815	0.06%	0.002%
55	8.311	8.298	8.347	VV	189	3311	0.04%	0.001%
56	8.381	8.347	8.410	VV	233	4623	0.06%	0.002%
57	8.474	8.410	8.514	VV	357	12563	0.16%	0.005%
58	8.707	8.636	8.788	VV	487	21703	0.28%	0.008%
59	8.803	8.788	8.884	VV	197	5488	0.07%	0.002%
60	8.927	8.884	8.945	PV	217	4349	0.06%	0.002%
61	8.951	8.945	8.961	VV	145	1394	0.02%	0.001%
62	9.101	9.092	9.205	VV	877	28794	0.37%	0.011%
63	9.216	9.205	9.244	VV	288	5369	0.07%	0.002%
64	9.256	9.244	9.267	VV	236	2744	0.04%	0.001%
65	9.475	9.461	9.505	VV	253	3960	0.05%	0.001%
66	9.520	9.505	9.540	VV	91	1523	0.02%	0.001%
67	9.575	9.540	9.615	VV	325	6433	0.08%	0.002%
68	9.618	9.615	9.647	VV	103	733	0.01%	0.000%
69	9.677	9.647	9.725	PV	85	1862	0.02%	0.001%
70	9.765	9.725	9.805	PV	298	7837	0.10%	0.003%
71	9.810	9.805	9.824	VV	154	1504	0.02%	0.001%
72	9.864	9.824	9.879	VV	218	5580	0.07%	0.002%
73	9.895	9.879	9.909	VV	288	3044	0.04%	0.001%
74	9.950	9.909	9.998	VV	235	5091	0.07%	0.002%
75	10.035	9.998	10.071	VV	210	4057	0.05%	0.002%
76	10.094	10.071	10.111	VV	488	6406	0.08%	0.002%
77	10.124	10.111	10.148	VV	315	5165	0.07%	0.002%
78	10.239	10.232	10.261	VV	184	2559	0.03%	0.001%
79	10.273	10.261	10.305	VV	143	2226	0.03%	0.001%
80	10.313	10.305	10.319	PV	69	500	0.01%	0.000%
81	10.399	10.319	10.421	VV	497	17789	0.23%	0.007%
82	10.436	10.421	10.474	VV	287	6295	0.08%	0.002%
83	10.519	10.474	10.537	VV	231	5778	0.07%	0.002%
84	10.559	10.537	10.587	VV	507	9058	0.12%	0.003%
85	10.647	10.587	10.691	VV	481	17693	0.23%	0.007%
86	10.704	10.691	10.745	VV	172	3208	0.04%	0.001%
87	10.770	10.745	10.780	VV	164	1699	0.02%	0.001%
88	10.800	10.780	10.818	PV	286	4170	0.05%	0.002%
89	10.843	10.818	10.865	VV	394	7599	0.10%	0.003%

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90	10.911	10.865	10.940	VV	1804	32810	0.42%	0.012%
91	10.982	10.940	11.009	VV	921	19309		
92	11.039	11.009	11.078	VV	506	10757		
93	11.134	11.078	11.178	VV	328	6416		
94	11.230	11.178	11.267	PV	389	10310		
95	11.316	11.267	11.355	VV	718	20515		
96	11.365	11.355	11.378	VV	288	3157	0.04%	0.001%
97	11.397	11.378	11.411	VV	163	2476	0.03%	0.001%
98	11.426	11.411	11.457	VV	111	2419	0.03%	0.001%
99	11.548	11.457	11.573	PV	2143	35757	0.46%	0.013%
100	11.615	11.573	11.665	VV	3041	64525	0.83%	0.024%
101	11.668	11.665	11.675	VV	348	1766	0.02%	0.001%
102	11.707	11.675	11.743	VV	2120	35336	0.45%	0.013%
103	11.772	11.743	11.784	VV	163	2967	0.04%	0.001%
104	11.812	11.784	11.831	VV	320	3978	0.05%	0.001%
105	11.905	11.831	11.957	PV	514	17073	0.22%	0.006%
106	12.018	11.957	12.031	PV	566	12040	0.15%	0.005%
107	12.106	12.031	12.142	VV	1201	25434	0.33%	0.010%
108	12.171	12.142	12.188	VV	508	8848	0.11%	0.003%
109	12.283	12.188	12.313	VV	2643	93307	1.19%	0.035%
110	12.320	12.313	12.335	VV	782	8687	0.11%	0.003%
111	12.411	12.335	12.458	VV	1812	92674	1.19%	0.035%
112	12.505	12.458	12.517	VV	2362	67425	0.86%	0.025%
113	12.543	12.517	12.578	VV	8309	180058	2.30%	0.068%
114	12.595	12.578	12.610	VV	3993	71801	0.92%	0.027%
115	12.658	12.610	12.671	VV	4354	144107	1.84%	0.054%
116	12.711	12.671	12.731	VV	4543	159882	2.05%	0.060%
117	12.789	12.731	12.808	VV	6163	237824	3.04%	0.090%
118	12.868	12.808	12.901	VV	8858	402542	5.15%	0.152%
119	12.928	12.901	12.953	VV	12014	288691	3.69%	0.109%
120	12.985	12.953	13.000	VV	8525	232333	2.97%	0.088%
121	13.042	13.000	13.051	VV	10418	295011	3.77%	0.111%
122	13.072	13.051	13.105	VV	10939	330789	4.23%	0.125%
123	13.293	13.105	13.302	VV	15339	1477355	18.90%	0.557%
124	13.374	13.302	13.403	VV	91473	1923758	24.61%	0.725%
125	13.424	13.403	13.453	VV	24490	661351	8.46%	0.249%
126	13.478	13.453	13.523	VV	22202	883701	11.31%	0.333%
127	13.543	13.523	13.560	VV	23068	490668	6.28%	0.185%
128	13.590	13.560	13.602	VV	24599	586551	7.50%	0.221%
129	13.619	13.602	13.641	VV	25935	589710	7.54%	0.222%
130	13.707	13.641	13.727	VV	29156	1355052	17.34%	0.511%
131	13.772	13.727	13.795	VV	38319	1312750	16.79%	0.495%
132	13.817	13.795	13.835	VV	33833	786174	10.06%	0.296%
133	13.857	13.835	13.878	VV	33597	852940	10.91%	0.322%
134	13.972	13.878	14.005	VV	38799	2643932	33.83%	0.997%
135	14.040	14.005	14.063	VV	42601	1382848	17.69%	0.521%
136	14.078	14.063	14.095	VV	40640	757755	9.69%	0.286%
137	14.126	14.095	14.159	VV	43701	1546929	19.79%	0.583%
138	14.181	14.159	14.201	VV	43171	1064000	13.61%	0.401%
139	14.222	14.201	14.235	VV	42437	839462	10.74%	0.316%
140	14.273	14.235	14.301	VV	46858	1797448	23.00%	0.678%
141	14.311	14.301	14.320	VV	45593	497934	6.37%	0.188%

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					rteres		ClientsSampled : WC1DL	
142	14.361	14.320	14.388	VV	59661	2143933	27.43%	0.808%
143	14.430	14.388	14.474	VV	54003	2630621	33.92%	1.000%
144	14.512	14.474	14.565	VV	56706	2922811	37.92%	1.000%
145	14.587	14.565	14.613	VV	56340	1603585	20.92%	0.808%
146	14.641	14.613	14.671	VV	59525	1964750	25.92%	0.808%
147	14.690	14.671	14.702	VV	58409	1041668	13.92%	0.808%
148	14.716	14.702	14.734	VV	57473	1087760	13.92%	0.410%
149	14.816	14.734	14.868	VV	72391	5101402	65.27%	1.923%
150	14.889	14.868	14.898	VV	62735	1107379	14.17%	0.418%
151	14.943	14.898	15.030	VV	70546	5124604	65.56%	1.932%
152	15.087	15.030	15.100	VV	66248	2719878	34.80%	1.025%
153	15.148	15.100	15.181	VV	69479	3272767	41.87%	1.234%
154	15.221	15.181	15.244	VV	75179	2630933	33.66%	0.992%
155	15.278	15.244	15.334	VV	72570	3772417	48.26%	1.422%
156	15.374	15.334	15.406	VV	76594	3030208	38.77%	1.142%
157	15.432	15.406	15.458	VV	69549	2103266	26.91%	0.793%
158	15.489	15.458	15.513	VV	73582	2319938	29.68%	0.875%
159	15.523	15.513	15.535	VV	69703	911341	11.66%	0.344%
160	15.563	15.535	15.624	VV	72951	3735408	47.79%	1.408%
161	15.672	15.624	15.722	VV	75423	4176540	53.43%	1.575%
162	15.776	15.722	15.831	VV	96690	5164065	66.07%	1.947%
163	15.840	15.831	15.871	VV	72493	1697824	21.72%	0.640%
164	15.891	15.871	15.945	VV	74134	3061845	39.17%	1.154%
165	15.975	15.945	15.991	VV	74369	1999431	25.58%	0.754%
166	16.018	15.991	16.034	VV	75344	1883693	24.10%	0.710%
167	16.067	16.034	16.118	VV	90195	4022984	51.47%	1.517%
168	16.140	16.118	16.171	VV	76661	2377784	30.42%	0.896%
169	16.215	16.171	16.231	VV	77978	2699573	34.54%	1.018%
170	16.289	16.231	16.335	VV	85338	4925109	63.01%	1.857%
171	16.350	16.335	16.374	VV	74400	1727490	22.10%	0.651%
172	16.453	16.374	16.524	VV	90276	7265225	92.95%	2.739%
173	16.574	16.524	16.608	VV	92168	4313789	55.19%	1.626%
174	16.623	16.608	16.667	VV	89339	2909269	37.22%	1.097%
175	16.697	16.667	16.728	VV	82408	2901637	37.12%	1.094%
176	16.742	16.728	16.775	VV	86775	2266330	28.99%	0.854%
177	16.788	16.775	16.817	VV	78893	1953134	24.99%	0.736%
178	16.862	16.817	16.871	VV	83621	2632080	33.67%	0.992%
179	16.915	16.871	16.928	VV	88360	2926052	37.43%	1.103%
180	16.961	16.928	16.998	VV	96847	3867336	49.48%	1.458%
181	17.009	16.998	17.029	VV	92561	1690715	21.63%	0.637%
182	17.067	17.029	17.115	VV	99536	4783835	61.20%	1.804%
183	17.204	17.115	17.218	VV	109345	5975508	76.45%	2.253%
184	17.235	17.218	17.261	VV	118345	2831547	36.23%	1.068%
185	17.293	17.261	17.310	VV	106769	3071317	39.29%	1.158%
186	17.344	17.310	17.364	VV	123428	3633515	46.49%	1.370%
187	17.431	17.364	17.441	VV	132201	5685886	72.74%	2.144%
188	17.472	17.441	17.499	VV	145424	4738504	60.62%	1.787%
189	17.534	17.499	17.575	VV	147397	6119583	78.29%	2.307%
190	17.606	17.575	17.640	VV	158443	5555708	71.08%	2.095%
191	17.662	17.640	17.697	VV	140680	4508039	57.67%	1.700%
192	17.733	17.697	17.755	VV	128665	4278867	54.74%	1.613%
193	17.778	17.755	17.825	VV	136640	5054704	64.67%	1.906%
194	17.838	17.825	17.850	VV	109263	1604124	20.52%	0.605%

Manual IntegrationsAPPROVED

Chromatogram Data									
Peak No.	Retention Time (min)	Area	Height	Width	Integration	Integration	Integration	Integration	Integration
195	17.860	17.850	17.891	VV	108400	2529910	32.37%	0.954%	
196	17.905	17.891	17.941	VV	96030	2789136	35.18%	0.954%	
197	17.959	17.941	17.978	VV	93465	1983531	25.18%	0.954%	
198	18.000	17.978	18.057	VV	98218	4467981	57.18%	0.954%	
199	18.095	18.057	18.128	VV	96052	3769525	48.18%	0.954%	
200	18.145	18.128	18.162	VV	82924	1668217	21.18%	0.954%	
201	18.180	18.162	18.198	VV	81087	1700870	21.76%	0.641%	
202	18.248	18.198	18.328	VV	111122	6814413	87.18%	2.569%	
203	18.339	18.328	18.362	VV	77448	1571853	20.11%	0.593%	
204	18.394	18.362	18.404	VV	80472	1963893	25.13%	0.740%	
205	18.416	18.404	18.428	VV	79503	1135484	14.53%	0.428%	
206	18.452	18.428	18.505	VV	87919	3778460	48.34%	1.425%	
207	18.522	18.505	18.545	VV	77677	1744003	22.31%	0.658%	
208	18.582	18.545	18.591	VV	74791	1957539	25.04%	0.738%	
209	18.614	18.591	18.670	VV	104715	3762573	48.14%	1.419%	
210	18.680	18.670	18.708	VV	69210	1504365	19.25%	0.567%	
211	18.801	18.708	18.883	VV	81178	7816426	100.00%	2.947%	
212	18.895	18.883	18.907	VV	73959	1049921	13.43%	0.396%	
213	18.924	18.907	18.973	VV	74441	2729513	34.92%	1.029%	
214	18.999	18.973	19.008	VV	69028	1423559	18.21%	0.537%	
215	19.036	19.008	19.061	VV	83614	2433586	31.13%	0.918%	
216	19.088	19.061	19.106	VV	81380	2107284	26.96%	0.795%	
217	19.115	19.106	19.156	VV	77072	2258534	28.89%	0.852%	
218	19.215	19.156	19.241	VV	77429	3716275	47.54%	1.401%	
Sum of corrected areas:					265233893				

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Aliphatic EPH 031725.M Fri Mar 21 08:17:40 2025