

rteres

Instrument :

FID_E

ClientSampleId :

WC-1-EPHDL

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE04152
Data File : FE053360.D
Signal(s) : FID1B.ch
Acq On : 15 Apr 2025 09:08
Sample : Q1788-02DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Reviewed By :Yogesh Patel 04/16/2025
Supervised By :mohammad ahmed 04/17/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	2.872	2.804	2.948	BV	161	5204	0.07%	0.005%
2	2.970	2.948	2.993	VV	203	3375	0.04%	0.003%
3	3.085	2.993	3.116	VV	407	20158	0.26%	0.018%
4	3.141	3.116	3.189	VV	381	14353	0.19%	0.013%
5	3.236	3.189	3.272	VV	431	18806	0.24%	0.017%
6	3.349	3.272	3.368	VV	488	23444	0.30%	0.021%
7	3.424	3.368	3.504	VV	846	43700	0.56%	0.039%
8	3.515	3.504	3.533	VV	586	8985	0.12%	0.008%
9	3.586	3.533	3.661	VV	637	43001	0.55%	0.038%
10	3.681	3.661	3.699	VV	658	13479	0.17%	0.012%
11	3.714	3.699	3.766	VV	754	23116	0.30%	0.020%
12	3.830	3.766	3.900	VV	629	40596	0.52%	0.036%
13	3.918	3.900	3.934	VV	822	12780	0.16%	0.011%
14	3.964	3.934	4.009	VV	648	25276	0.33%	0.022%
15	4.034	4.009	4.103	VV	710	32486	0.42%	0.029%
16	4.112	4.103	4.119	VV	542	5073	0.07%	0.004%
17	4.138	4.119	4.171	VV	589	16294	0.21%	0.014%
18	4.224	4.171	4.248	VV	652	27521	0.35%	0.024%
19	4.262	4.248	4.321	VV	805	27453	0.35%	0.024%
20	4.350	4.321	4.369	VV	614	16566	0.21%	0.015%
21	4.383	4.369	4.481	VV	637	36518	0.47%	0.032%
22	4.496	4.481	4.522	VV	730	15128	0.20%	0.013%
23	4.531	4.522	4.551	VV	540	8765	0.11%	0.008%
24	4.567	4.551	4.595	VV	575	13696	0.18%	0.012%
25	4.614	4.595	4.648	VV	688	15108	0.19%	0.013%
26	4.665	4.648	4.698	VV	511	11894	0.15%	0.011%
27	4.725	4.698	4.765	VV	658	19271	0.25%	0.017%
28	4.779	4.765	4.794	VV	522	8779	0.11%	0.008%
29	4.814	4.794	4.854	VV	691	21536	0.28%	0.019%
30	4.861	4.854	4.880	VV	536	7749	0.10%	0.007%
31	4.917	4.880	4.943	VV	550	18549	0.24%	0.016%
32	4.953	4.943	4.992	VV	491	13606	0.18%	0.012%
33	5.000	4.992	5.145	VV	434	27409	0.35%	0.024%
34	5.168	5.145	5.191	VV	298	6848	0.09%	0.006%
35	5.200	5.191	5.284	VV	235	10255	0.13%	0.009%
36	5.325	5.284	5.370	VV	251	8786	0.11%	0.008%

					retention			
37	5.382	5.370	5.421	VV	214	5366	0.07%	0.005%
38	5.447	5.421	5.468	VV	569	9230		
39	5.477	5.468	5.497	VV	302	3894		
40	5.507	5.497	5.541	VV	208	3867		
41	5.555	5.541	5.614	VV	164	5127		
42	5.640	5.614	5.675	VV	364	7894		
43	5.699	5.675	5.711	VV	217	3911	0.05%	0.003%
44	5.727	5.711	5.736	VV	250	2929	0.04%	0.003%
45	5.756	5.736	5.811	VV	381	12187	0.16%	0.011%
46	5.840	5.811	5.874	VV	389	12154	0.16%	0.011%
47	5.881	5.874	5.892	VV	293	2911	0.04%	0.003%
48	5.918	5.892	5.934	VV	385	7752	0.10%	0.007%
49	5.960	5.934	6.002	VV	402	11399	0.15%	0.010%
50	6.010	6.002	6.021	VV	232	2187	0.03%	0.002%
51	6.028	6.021	6.085	VV	190	5880	0.08%	0.005%
52	6.115	6.085	6.132	VV	204	3757	0.05%	0.003%
53	6.156	6.132	6.194	VV	181	4514	0.06%	0.004%
54	6.218	6.194	6.288	VV	1151	25899	0.33%	0.023%
55	6.294	6.288	6.346	VV	329	9140	0.12%	0.008%
56	6.386	6.346	6.427	VV	393	13144	0.17%	0.012%
57	6.441	6.427	6.454	VV	300	3918	0.05%	0.003%
58	6.471	6.454	6.492	VV	265	5379	0.07%	0.005%
59	6.530	6.492	6.555	VV	423	10553	0.14%	0.009%
60	6.564	6.555	6.614	VV	275	6793	0.09%	0.006%
61	6.632	6.614	6.660	VV	249	5684	0.07%	0.005%
62	6.678	6.660	6.726	VV	344	7046	0.09%	0.006%
63	6.760	6.726	6.773	VV	222	4551	0.06%	0.004%
64	6.778	6.773	6.814	VV	192	3544	0.05%	0.003%
65	6.829	6.814	6.854	VV	206	3031	0.04%	0.003%
66	6.865	6.854	6.924	VV	135	2153	0.03%	0.002%
67	6.935	6.924	6.948	PV	71	490	0.01%	0.000%
68	6.976	6.948	7.016	VV	83	2118	0.03%	0.002%
69	7.025	7.016	7.057	VV	55	1165	0.02%	0.001%
70	7.085	7.057	7.148	PV	191	4235	0.05%	0.004%
71	7.256	7.148	7.284	VV	387	19866	0.26%	0.018%
72	7.320	7.284	7.338	VV	944	17356	0.22%	0.015%
73	7.355	7.338	7.387	VV	738	15187	0.20%	0.013%
74	7.399	7.387	7.431	VV	478	9281	0.12%	0.008%
75	7.455	7.431	7.483	VV	968	14602	0.19%	0.013%
76	7.498	7.483	7.548	VV	364	10402	0.13%	0.009%
77	7.574	7.548	7.594	VV	269	6259	0.08%	0.006%
78	7.629	7.594	7.774	VV	594	19220	0.25%	0.017%
79	7.804	7.774	7.845	PV	187	3566	0.05%	0.003%
80	7.864	7.845	7.888	VV	141	1413	0.02%	0.001%
81	8.060	8.045	8.187	VV	1595	62986	0.81%	0.056%
82	8.220	8.187	8.248	VV	603	16687	0.22%	0.015%
83	8.261	8.248	8.301	VV	374	9849	0.13%	0.009%
84	8.332	8.301	8.361	VV	913	21703	0.28%	0.019%
85	8.438	8.361	8.455	VV	1972	47363	0.61%	0.042%
86	8.468	8.455	8.491	VV	1278	21894	0.28%	0.019%
87	8.512	8.491	8.578	VV	1717	39679	0.51%	0.035%
88	8.626	8.578	8.700	VV	2572	75822	0.98%	0.067%
89	8.715	8.700	8.788	VV	552	12539	0.16%	0.011%

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90	8.922	8.900	8.957	VV	13186	172110	2.22%	0.152%
91	8.975	8.957	8.991	VV	1693	31368		
92	8.997	8.991	9.038	VV	1656	38655		
93	9.049	9.038	9.103	VV	1226	34431		
94	9.166	9.103	9.183	VV	1763	41381		
95	9.204	9.183	9.241	VV	3518	59602		
96	9.262	9.241	9.288	VV	1058	24611	0.32%	0.022%
97	9.293	9.288	9.318	VV	670	9206	0.12%	0.008%
98	9.343	9.318	9.366	VV	1827	31712	0.41%	0.028%
99	9.381	9.366	9.468	VV	1362	28039	0.36%	0.025%
100	9.496	9.468	9.514	VV	1174	16069	0.21%	0.014%
101	9.530	9.514	9.563	VV	1085	15831	0.20%	0.014%
102	9.581	9.563	9.600	VV	383	5681	0.07%	0.005%
103	9.635	9.600	9.664	VV	846	15971	0.21%	0.014%
104	9.678	9.664	9.690	VV	450	4795	0.06%	0.004%
105	9.718	9.690	9.773	VV	13720	187792	2.42%	0.166%
106	9.796	9.773	9.824	VV	1897	36872	0.48%	0.033%
107	9.839	9.824	9.849	VV	1710	21329	0.28%	0.019%
108	9.869	9.849	9.910	VV	4333	78274	1.01%	0.069%
109	9.930	9.910	9.970	VV	2551	44273	0.57%	0.039%
110	9.999	9.970	10.025	VV	11241	148176	1.91%	0.131%
111	10.042	10.025	10.108	VV	4155	87045	1.12%	0.077%
112	10.144	10.108	10.191	VV	4706	100537	1.30%	0.089%
113	10.205	10.191	10.221	VV	1076	15016	0.19%	0.013%
114	10.236	10.221	10.265	VV	838	12561	0.16%	0.011%
115	10.310	10.265	10.338	VV	616	14697	0.19%	0.013%
116	10.347	10.338	10.378	VV	150	1563	0.02%	0.001%
117	10.406	10.378	10.424	PV	130	1823	0.02%	0.002%
118	10.485	10.424	10.502	VV	985	19365	0.25%	0.017%
119	10.520	10.502	10.551	VV	917	16122	0.21%	0.014%
120	10.608	10.551	10.631	VV	5862	112975	1.46%	0.100%
121	10.647	10.631	10.671	VV	3118	44171	0.57%	0.039%
122	10.689	10.671	10.704	VV	2168	27107	0.35%	0.024%
123	10.724	10.704	10.764	VV	3957	74661	0.96%	0.066%
124	10.788	10.764	10.838	VV	3890	82983	1.07%	0.073%
125	10.895	10.838	10.907	VV	4176	85160	1.10%	0.075%
126	10.932	10.907	10.973	VV	10738	189648	2.45%	0.168%
127	11.000	10.973	11.010	VV	1097	18557	0.24%	0.016%
128	11.029	11.010	11.049	VV	3579	43925	0.57%	0.039%
129	11.059	11.049	11.081	VV	1063	14319	0.18%	0.013%
130	11.131	11.081	11.180	VV	302157	3318352	42.80%	2.939%
131	11.205	11.180	11.365	VV	90685	1222752	15.77%	1.083%
132	11.391	11.365	11.407	PV	2492	35788	0.46%	0.032%
133	11.429	11.407	11.468	VV	10907	159162	2.05%	0.141%
134	11.503	11.468	11.514	VV	1454	29846	0.38%	0.026%
135	11.533	11.514	11.550	VV	2122	35253	0.45%	0.031%
136	11.574	11.550	11.602	VV	2468	47322	0.61%	0.042%
137	11.664	11.602	11.696	VV	7911	148503	1.92%	0.132%
138	11.732	11.696	11.756	VV	3739	56351	0.73%	0.050%
139	11.787	11.756	11.810	VV	2919	47928	0.62%	0.042%
140	11.829	11.810	11.849	VV	1688	21460	0.28%	0.019%
141	11.897	11.849	11.921	VV	250969	2785914	35.93%	2.468%

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142	11.938	11.921	11.952	VV	31016	351346	4.53%	0.311%
143	11.969	11.952	12.010	VV	40506	518987	6.06%	0.311%
144	12.052	12.010	12.073	VV	58822	905419	11.66%	0.311%
145	12.088	12.073	12.101	VV	19757	232663	3.34%	0.311%
146	12.117	12.101	12.155	VV	29779	387443	5.85%	0.311%
147	12.209	12.155	12.232	VV	2155	52499	0.41%	0.311%
148	12.256	12.232	12.286	VV	2226	46566	0.60%	0.041%
149	12.310	12.286	12.384	PV	11486	221188	2.85%	0.196%
150	12.410	12.384	12.458	VV	25452	347429	4.48%	0.308%
151	12.472	12.458	12.489	VV	1668	23236	0.30%	0.021%
152	12.500	12.489	12.521	VV	1111	12802	0.17%	0.011%
153	12.558	12.521	12.580	VV	3420	48659	0.63%	0.043%
154	12.615	12.580	12.631	VV	1148	22010	0.28%	0.019%
155	12.663	12.631	12.674	VV	4412	64607	0.83%	0.057%
156	12.685	12.674	12.710	VV	4642	59279	0.76%	0.053%
157	12.733	12.710	12.772	VV	8812	166566	2.15%	0.148%
158	12.802	12.772	12.824	VV	13984	222013	2.86%	0.197%
159	12.843	12.824	12.863	VV	19169	255400	3.29%	0.226%
160	12.885	12.863	12.896	VV	9317	158024	2.04%	0.140%
161	12.905	12.896	12.929	VV	9456	140181	1.81%	0.124%
162	12.966	12.929	13.012	VV	588972	7024197	90.60%	6.221%
163	13.029	13.012	13.067	VV	4898	98373	1.27%	0.087%
164	13.089	13.067	13.101	VV	4749	76143	0.98%	0.067%
165	13.146	13.101	13.164	VV	17738	355218	4.58%	0.315%
166	13.178	13.164	13.230	VV	9972	217182	2.80%	0.192%
167	13.264	13.230	13.294	VV	462709	5574766	71.90%	4.938%
168	13.344	13.294	13.398	VV	220557	3615699	46.63%	3.202%
169	13.434	13.398	13.450	VV	16823	232932	3.00%	0.206%
170	13.468	13.450	13.496	VV	19928	303954	3.92%	0.269%
171	13.531	13.496	13.571	VV	29042	469963	6.06%	0.416%
172	13.607	13.571	13.635	VV	6162	140140	1.81%	0.124%
173	13.660	13.635	13.696	PV	14630	223436	2.88%	0.198%
174	13.723	13.696	13.788	VV	27881	449986	5.80%	0.399%
175	13.854	13.788	13.898	PV	86129	1387742	17.90%	1.229%
176	13.918	13.898	13.934	VV	7601	106787	1.38%	0.095%
177	13.961	13.934	13.984	VV	68228	903716	11.66%	0.800%
178	14.001	13.984	14.023	VV	32451	448616	5.79%	0.397%
179	14.040	14.023	14.066	VV	16592	258722	3.34%	0.229%
180	14.130	14.066	14.153	VV	26732	730855	9.43%	0.647%
181	14.173	14.153	14.214	VV	22098	347510	4.48%	0.308%
182	14.251	14.214	14.270	VV	7070	140464	1.81%	0.124%
183	14.290	14.270	14.314	VV	4879	102667	1.32%	0.091%
184	14.345	14.314	14.404	VV	7008	203644	2.63%	0.180%
185	14.442	14.404	14.463	PV	2483	50529	0.65%	0.045%
186	14.483	14.463	14.507	VV	4988	65992	0.85%	0.058%
187	14.562	14.507	14.580	VV	14407	363963	4.69%	0.322%
188	14.599	14.580	14.628	VV	20281	311845	4.02%	0.276%
189	14.663	14.628	14.682	VV	9925	207539	2.68%	0.184%
190	14.696	14.682	14.743	VV	9182	179764	2.32%	0.159%
191	14.772	14.743	14.806	VV	34851	560029	7.22%	0.496%
192	14.833	14.806	14.861	VV	56596	890421	11.48%	0.789%
193	14.881	14.861	14.891	VV	19369	253377	3.27%	0.224%
194	14.904	14.891	14.940	VV	21932	357554	4.61%	0.317%

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195	14.958	14.940	14.973	VV	4726	71255	0.92%	0.063%
196	15.022	14.973	15.076	VV	12201	304114		
197	15.106	15.076	15.119	PV	9446	114992		
198	15.152	15.119	15.173	VV	244684	3309928	42	
199	15.194	15.173	15.275	VV	238148	3280061	42	
200	15.313	15.275	15.366	VV	64354	1043899	13	
201	15.398	15.366	15.430	VV	10990	222025	2.86%	0.197%
202	15.458	15.430	15.476	VV	14495	214302	2.76%	0.190%
203	15.496	15.476	15.561	VV	17181	343879	4.44%	0.305%
204	15.602	15.561	15.625	VV	7747	167988	2.17%	0.149%
205	15.638	15.625	15.675	VV	6129	108373	1.40%	0.096%
206	15.741	15.675	15.761	VV	13515	296704	3.83%	0.263%
207	15.781	15.761	15.801	VV	9910	179138	2.31%	0.159%
208	15.826	15.801	15.847	VV	43832	597885	7.71%	0.530%
209	15.864	15.847	15.893	VV	19779	338395	4.36%	0.300%
210	15.912	15.893	15.942	VV	17399	302602	3.90%	0.268%
211	15.986	15.942	16.032	VV	32791	908117	11.71%	0.804%
212	16.060	16.032	16.091	VV	15466	281938	3.64%	0.250%
213	16.104	16.091	16.126	VV	2937	41869	0.54%	0.037%
214	16.149	16.126	16.179	VV	8622	112106	1.45%	0.099%
215	16.232	16.179	16.311	VV	8705	311904	4.02%	0.276%
216	16.328	16.311	16.347	VV	2296	24985	0.32%	0.022%
217	16.362	16.347	16.374	PV	1368	13378	0.17%	0.012%
218	16.425	16.374	16.448	VV	4710	89651	1.16%	0.079%
219	16.466	16.448	16.483	VV	4250	52797	0.68%	0.047%
220	16.507	16.483	16.554	VV	8735	182413	2.35%	0.162%
221	16.595	16.554	16.606	VV	2878	68617	0.89%	0.061%
222	16.631	16.606	16.654	VV	10802	177706	2.29%	0.157%
223	16.666	16.654	16.674	VV	3646	39780	0.51%	0.035%
224	16.723	16.674	16.821	VV	230900	5040857	65.02%	4.465%
225	16.850	16.821	16.930	VV	44093	796273	10.27%	0.705%
226	16.946	16.930	16.953	VV	1305	11177	0.14%	0.010%
227	16.975	16.953	16.984	VV	5454	67314	0.87%	0.060%
228	17.044	16.984	17.075	VV	124996	2104846	27.15%	1.864%
229	17.104	17.075	17.169	VV	161487	2712543	34.99%	2.403%
230	17.203	17.169	17.237	VV	49217	841086	10.85%	0.745%
231	17.253	17.237	17.281	VV	8885	158864	2.05%	0.141%
232	17.349	17.281	17.389	VV	10593	401321	5.18%	0.355%
233	17.405	17.389	17.424	VV	4269	62556	0.81%	0.055%
234	17.467	17.424	17.543	VV	22753	826112	10.66%	0.732%
235	17.632	17.543	17.668	VV	18615	589311	7.60%	0.522%
236	17.694	17.668	17.708	VV	7125	128362	1.66%	0.114%
237	17.719	17.708	17.737	VV	6290	87092	1.12%	0.077%
238	17.763	17.737	17.791	VV	15491	287405	3.71%	0.255%
239	17.803	17.791	17.844	VV	5099	106576	1.37%	0.094%
240	17.884	17.844	17.934	VV	4595	122827	1.58%	0.109%
241	17.980	17.934	18.008	PV	1916	48412	0.62%	0.043%
242	18.074	18.008	18.135	VV	13340	335024	4.32%	0.297%
243	18.196	18.135	18.211	VV	8282	199336	2.57%	0.177%
244	18.218	18.211	18.234	VV	7284	94006	1.21%	0.083%
245	18.257	18.234	18.299	VV	8537	235740	3.04%	0.209%
246	18.308	18.299	18.355	VV	3299	69563	0.90%	0.062%

Instrument :

FID_E

ClientSampleId :

WC-1-EPHDL

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Supervised By :mohammad ahmed 04/17/2025

				rters				
247	18.393	18.355	18.448	PV	22087	519429	6.70%	0.460%
248	18.488	18.448	18.551	VV	61643	1636628	21.24%	0.460%
249	18.562	18.551	18.593	VV	10754	227464	2.24%	0.460%
250	18.618	18.593	18.632	VV	13057	244868	3.00%	0.460%
251	18.648	18.632	18.710	VV	12188	348175	4.44%	0.126%
252	18.740	18.710	18.795	VV	40328	813104	10.11%	0.126%
253	18.818	18.795	18.844	VV	6215	142373	1.84%	0.126%
254	18.876	18.844	18.891	VV	13800	266499	3.44%	0.236%
255	18.908	18.891	18.950	VV	13209	240186	3.10%	0.213%
256	19.010	18.950	19.032	PV	4173	94300	1.22%	0.084%
257	19.061	19.032	19.081	PV	2551	40789	0.53%	0.036%
258	19.183	19.081	19.207	VV	2962	61711	0.80%	0.055%
259	19.273	19.207	19.283	VV	3152	85831	1.11%	0.076%
260	19.309	19.283	19.364	VV	9404	215317	2.78%	0.191%
261	19.436	19.364	19.477	VV	3841	181579	2.34%	0.161%
262	19.526	19.477	19.537	VV	1014	28827	0.37%	0.026%
263	19.609	19.537	19.622	VV	1395	48134	0.62%	0.043%
264	19.635	19.622	19.643	VV	608	5375	0.07%	0.005%
265	19.711	19.643	19.740	VV	9099	270947	3.49%	0.240%
266	19.765	19.740	19.788	VV	9257	193976	2.50%	0.172%
267	19.841	19.788	19.858	VV	7740	298476	3.85%	0.264%
268	19.913	19.858	19.945	VV	13140	542762	7.00%	0.481%
269	19.980	19.945	20.011	VV	16367	556896	7.18%	0.493%
270	20.045	20.011	20.093	VV	21690	875905	11.30%	0.776%
271	20.124	20.093	20.134	VV	15814	385712	4.97%	0.342%
272	20.437	20.134	20.458	VV	29263	4034372	52.03%	3.573%
273	20.795	20.458	20.821	VV	45360	7753275	100.00%	6.867%
274	21.038	20.821	21.122	VV	42091	7549792	97.38%	6.687%
275	21.129	21.122	21.137	VV	38597	347881	4.49%	0.308%
276	21.177	21.137	21.231	VV	39320	2114831	27.28%	1.873%
277	21.259	21.231	21.266	VV	34647	717400	9.25%	0.635%
278	21.349	21.266	21.361	VV	33422	1910959	24.65%	1.693%
279	21.367	21.361	21.401	VV	32706	760156	9.80%	0.673%
280	21.498	21.401	21.528	VV	28520	2209676	28.50%	1.957%
281	21.544	21.528	21.574	VV	26734	718582	9.27%	0.636%
282	21.621	21.574	21.678	VV	26731	1552493	20.02%	1.375%
283	21.790	21.678	21.815	VV	20337	1711557	22.08%	1.516%
284	21.835	21.815	21.855	VV	19046	448012	5.78%	0.397%
285	21.864	21.855	22.039	VV	17458	1443641	18.62%	1.279%
286	22.096	22.039	22.167	VV	11537	583230	7.52%	0.517%
287	22.177	22.167	22.204	VV	3105	55726	0.72%	0.049%
288	22.233	22.204	22.247	VV	1305	26962	0.35%	0.024%
Sum of corrected areas:					112903339			

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Reviewed By :Yogesh Patel 04/16/2025
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Aliphatic EPH 032925.M Tue Apr 15 23:07:23 2025