

rteres

Instrument :
FID_E
ClientSampleId :
SUB-WC-2MSD
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE05082
Data File : FE053734.D
Signal(s) : FID1B.ch
Acq On : 09 May 2025 04:04
Sample : Q1972-17MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/09/2025
Supervised By :mohammad ahmed 05/12/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.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	2.845	2.804	2.881	BV	165	2345	0.02%	0.001%
2	2.907	2.881	2.959	PV	1550	19659	0.18%	0.009%
3	2.988	2.959	3.038	VV	154	3513	0.03%	0.002%
4	3.076	3.038	3.101	PV	182	2282	0.02%	0.001%
5	3.148	3.101	3.173	PV	106	2507	0.02%	0.001%
6	3.209	3.173	3.340	VV	363281	3757927	34.72%	1.785%
7	3.352	3.340	3.407	VV	603	17407	0.16%	0.008%
8	3.419	3.407	3.440	VV	391	6986	0.06%	0.003%
9	3.454	3.440	3.480	VV	459	7254	0.07%	0.003%
10	3.492	3.480	3.504	VV	334	3573	0.03%	0.002%
11	3.525	3.504	3.534	VV	406	5561	0.05%	0.003%
12	3.546	3.534	3.567	VV	444	6017	0.06%	0.003%
13	3.582	3.567	3.638	VV	440	12238	0.11%	0.006%
14	3.667	3.638	3.680	VV	326	6252	0.06%	0.003%
15	3.703	3.680	3.768	VV	295	10595	0.10%	0.005%
16	3.805	3.768	3.877	VV	350	14292	0.13%	0.007%
17	3.897	3.877	3.988	VV	309	12791	0.12%	0.006%
18	4.006	3.988	4.025	VV	410	5678	0.05%	0.003%
19	4.041	4.025	4.061	VV	295	4454	0.04%	0.002%
20	4.118	4.061	4.140	VV	309	10689	0.10%	0.005%
21	4.151	4.140	4.168	VV	265	3941	0.04%	0.002%
22	4.194	4.168	4.303	VV	589	23118	0.21%	0.011%
23	4.317	4.303	4.328	VV	253	3401	0.03%	0.002%
24	4.330	4.328	4.394	VV	288	9003	0.08%	0.004%
25	4.407	4.394	4.438	VV	237	5752	0.05%	0.003%
26	4.470	4.438	4.486	VV	437145	4338584	40.08%	2.061%
27	4.503	4.486	4.562	VV	466035	4832954	44.65%	2.296%
28	4.579	4.562	4.603	VV	5224	78806	0.73%	0.037%
29	4.623	4.603	4.739	VV	6806	134966	1.25%	0.064%
30	4.753	4.739	4.768	VV	694	10143	0.09%	0.005%
31	4.773	4.768	4.824	VV	573	16419	0.15%	0.008%
32	4.830	4.824	4.878	VV	481	12352	0.11%	0.006%
33	4.887	4.878	4.913	VV	406	7391	0.07%	0.004%
34	4.929	4.913	4.964	VV	401	10224	0.09%	0.005%
35	4.973	4.964	5.044	VV	384	12307	0.11%	0.006%
36	5.050	5.044	5.072	VV	231	3145	0.03%	0.001%

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37	5.099	5.072	5.115	VV	208	4462	0.04%	0.002%	
38	5.142	5.115	5.159	VV	265	5275			
39	5.175	5.159	5.208	VV	275	5644			
40	5.230	5.208	5.251	VV	235	4263			
41	5.256	5.251	5.278	VV	185	2235			
42	5.292	5.278	5.341	VV	170	4796			
43	5.348	5.341	5.379	VV	133	2640	0.02%	0.001%	
44	5.391	5.379	5.406	VV	143	1987	0.02%	0.001%	
45	5.427	5.406	5.501	VV	394	11458	0.11%	0.005%	
46	5.507	5.501	5.524	VV	146	1646	0.02%	0.001%	
47	5.544	5.524	5.577	VV	179	2308	0.02%	0.001%	
48	5.613	5.577	5.671	VV	1244	17604	0.16%	0.008%	
49	5.703	5.671	5.850	VV	356	19925	0.18%	0.009%	
50	5.861	5.850	5.904	VV	172	3966	0.04%	0.002%	
51	5.924	5.904	5.971	VV	174	4081	0.04%	0.002%	
52	5.976	5.971	6.003	VV	144	1591	0.01%	0.001%	
53	6.013	6.003	6.027	VV	86	837	0.01%	0.000%	
54	6.038	6.027	6.045	PV	92	566	0.01%	0.000%	
55	6.064	6.045	6.134	VV	105	2977	0.03%	0.001%	
56	6.179	6.134	6.341	VV	493016	5370404	49.61%	2.551%	
57	6.357	6.341	6.473	VV	1190	59054	0.55%	0.028%	
58	6.505	6.473	6.517	VV	552	12759	0.12%	0.006%	
59	6.535	6.517	6.604	VV	558	21010	0.19%	0.010%	
60	6.648	6.604	6.726	VV	471996	4912281	45.38%	2.334%	
61	6.748	6.726	6.759	VV	1206	19460	0.18%	0.009%	
62	6.782	6.759	6.897	VV	8673	207346	1.92%	0.099%	
63	6.926	6.897	6.951	VV	718	19593	0.18%	0.009%	
64	6.973	6.951	6.994	VV	3804	46685	0.43%	0.022%	
65	7.014	6.994	7.045	VV	3832	47393	0.44%	0.023%	
66	7.083	7.045	7.161	VV	957	24460	0.23%	0.012%	
67	7.186	7.161	7.248	VV	10210	134162	1.24%	0.064%	
68	7.281	7.248	7.409	VV	465285	5144006	47.52%	2.444%	
69	7.423	7.409	7.454	VV	1750	35605	0.33%	0.017%	
70	7.489	7.454	7.497	VV	2310	40953	0.38%	0.019%	
71	7.510	7.497	7.548	VV	2784	47311	0.44%	0.022%	
72	7.563	7.548	7.582	VV	1314	20138	0.19%	0.010%	
73	7.600	7.582	7.631	VV	1307	24710	0.23%	0.012%	
74	7.652	7.631	7.719	VV	1405	31826	0.29%	0.015%	
75	7.727	7.719	7.744	VV	186	2658	0.02%	0.001%	
76	7.771	7.744	7.844	VV	729	17055	0.16%	0.008%	
77	8.051	8.042	8.123	VV	1564	43848	0.41%	0.021%	
78	8.143	8.123	8.160	VV	955	15800	0.15%	0.008%	
79	8.174	8.160	8.193	VV	944	13737	0.13%	0.007%	
80	8.215	8.193	8.228	VV	930	13245	0.12%	0.006%	
81	8.253	8.228	8.328	VV	3598	53314	0.49%	0.025%	
82	8.336	8.328	8.358	VV	181	3213	0.03%	0.002%	
83	8.379	8.358	8.424	VV	326	8579	0.08%	0.004%	
84	8.485	8.424	8.558	VV	502365	5376019	49.66%	2.554%	
85	8.587	8.558	8.760	VV	554556	5787950	53.47%	2.750%	
86	8.888	8.857	9.158	VV	553155	6068183	56.06%	2.883%	
87	9.216	9.158	9.282	VV	1185	40996	0.38%	0.019%	
88	9.313	9.282	9.331	VV	769	13710	0.13%	0.007%	
89	9.365	9.331	9.415	VV	902	24111	0.22%	0.011%	

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90	9.430	9.415	9.448	VV	140	2396	0.02%	0.001%
91	9.464	9.448	9.480	VV	210	2065		
92	9.506	9.480	9.534	VV	204	4341		
93	9.567	9.534	9.590	VV	209	4317		
94	9.613	9.590	9.648	VV	243	3361		
95	9.681	9.648	9.814	PV	541234	6070477	56	
96	9.832	9.814	9.852	VV	982	19158	0.18%	0.009%
97	9.900	9.852	9.951	VV	5766	133956	1.24%	0.064%
98	9.978	9.951	10.059	VV	2937	86189	0.80%	0.041%
99	10.097	10.059	10.201	VV	502779	5571357	51.47%	2.647%
100	10.205	10.201	10.349	VV	453	16632	0.15%	0.008%
101	10.384	10.349	10.410	PV	125	2480	0.02%	0.001%
102	10.435	10.410	10.457	VV	227	2915	0.03%	0.001%
103	10.469	10.457	10.474	VV	151	861	0.01%	0.000%
104	10.489	10.474	10.526	VV	201	3711	0.03%	0.002%
105	10.549	10.526	10.598	VV	292	7842	0.07%	0.004%
106	10.615	10.598	10.669	VV	301	7862	0.07%	0.004%
107	10.681	10.669	10.703	VV	153	1648	0.02%	0.001%
108	10.762	10.703	10.781	PV	281	6253	0.06%	0.003%
109	10.797	10.781	10.811	VV	220	3502	0.03%	0.002%
110	10.837	10.811	10.857	VV	1051	14566	0.13%	0.007%
111	10.885	10.857	11.024	VV	8260	165977	1.53%	0.079%
112	11.091	11.024	11.138	VV	513739	5768267	53.29%	2.740%
113	11.168	11.138	11.323	VV	479845	5849278	54.04%	2.779%
114	11.345	11.323	11.398	VV	1776	41193	0.38%	0.020%
115	11.423	11.398	11.458	VV	1384	36059	0.33%	0.017%
116	11.473	11.458	11.503	VV	1068	20355	0.19%	0.010%
117	11.545	11.503	11.686	VV	479691	5607451	51.80%	2.664%
118	11.698	11.686	11.720	VV	299	5104	0.05%	0.002%
119	11.736	11.720	11.776	VV	233	5171	0.05%	0.002%
120	11.787	11.776	11.814	VV	170	2743	0.03%	0.001%
121	11.859	11.814	11.957	VV	466242	5276590	48.75%	2.507%
122	11.998	11.957	12.073	VV	785	42007	0.39%	0.020%
123	12.091	12.073	12.128	VV	502	10730	0.10%	0.005%
124	12.148	12.128	12.171	VV	269	4140	0.04%	0.002%
125	12.214	12.171	12.244	VV	636	13730	0.13%	0.007%
126	12.268	12.244	12.294	VV	1398	20186	0.19%	0.010%
127	12.307	12.294	12.385	VV	444	7622	0.07%	0.004%
128	12.421	12.385	12.437	PV	151	2766	0.03%	0.001%
129	12.447	12.437	12.468	VV	130	1341	0.01%	0.001%
130	12.491	12.468	12.525	VV	224	5153	0.05%	0.002%
131	12.551	12.525	12.621	VV	276	9794	0.09%	0.005%
132	12.682	12.621	12.773	VV	1631	49648	0.46%	0.024%
133	12.799	12.773	12.818	VV	374	6517	0.06%	0.003%
134	12.859	12.818	12.888	VV	473576	5675652	52.43%	2.696%
135	12.919	12.888	13.084	VV	474184	5680540	52.48%	2.699%
136	13.107	13.084	13.180	VV	4889	83411	0.77%	0.040%
137	13.219	13.180	13.262	VV	468275	5451444	50.36%	2.590%
138	13.304	13.262	13.432	VV	344031	4269104	39.44%	2.028%
139	13.473	13.432	13.651	VV	437816	5451952	50.37%	2.590%
140	13.684	13.651	13.801	VV	767	31835	0.29%	0.015%
141	13.819	13.801	13.829	VV	322	4285	0.04%	0.002%

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Manual IntegrationsAPPROVED

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142	13.849	13.829	13.874	VV	651	10748	0.10%	0.005%
143	13.899	13.874	13.929	VV	831	15847	0.10%	0.005%
144	13.939	13.929	13.977	VV	219	5116	0.01%	0.001%
145	14.011	13.977	14.024	VV	1860	24410	0.10%	0.005%
146	14.060	14.024	14.174	VV	426728	5349131	48.58%	2.498%
147	14.184	14.174	14.202	VV	254	2800	0.01%	0.001%
148	14.234	14.202	14.289	VV	543	11000	0.10%	0.005%
149	14.296	14.289	14.318	VV	147	1611	0.01%	0.001%
150	14.324	14.318	14.346	VV	93	1409	0.01%	0.001%
151	14.352	14.346	14.374	VV	98	792	0.01%	0.000%
152	14.390	14.374	14.407	PV	118	1154	0.01%	0.001%
153	14.433	14.407	14.448	VV	119	2372	0.02%	0.001%
154	14.494	14.448	14.551	VV	951	24730	0.23%	0.012%
155	14.558	14.551	14.591	VV	211	3226	0.03%	0.002%
156	14.643	14.591	14.657	PV	848	20297	0.19%	0.010%
157	14.686	14.657	14.841	VV	9621	276871	2.56%	0.132%
158	14.861	14.841	14.948	VV	580	21351	0.20%	0.010%
159	14.956	14.948	14.975	VV	149	1844	0.02%	0.001%
160	15.006	14.975	15.068	VV	341	11525	0.11%	0.005%
161	15.106	15.068	15.126	VV	410476	5258912	48.58%	2.498%
162	15.154	15.126	15.336	VV	525408	10824690	100.00%	5.142%
163	15.354	15.336	15.402	VV	1363	41216	0.38%	0.020%
164	15.410	15.402	15.494	VV	788	31842	0.29%	0.015%
165	15.562	15.494	15.660	VV	6161	226502	2.09%	0.108%
166	15.684	15.660	15.721	VV	2025	41700	0.39%	0.020%
167	15.749	15.721	15.790	VV	2490	42426	0.39%	0.020%
168	15.800	15.790	15.838	VV	296	6575	0.06%	0.003%
169	15.847	15.838	15.891	VV	186	4692	0.04%	0.002%
170	15.897	15.891	15.920	VV	106	1906	0.02%	0.001%
171	15.939	15.920	15.961	VV	181	2839	0.03%	0.001%
172	15.971	15.961	15.980	PV	72	808	0.01%	0.000%
173	15.991	15.980	15.998	VV	130	958	0.01%	0.000%
174	16.035	15.998	16.078	VV	511	13596	0.13%	0.006%
175	16.092	16.078	16.108	VV	300	4202	0.04%	0.002%
176	16.189	16.108	16.243	VV	381887	5116400	47.27%	2.431%
177	16.251	16.243	16.303	VV	377	7136	0.07%	0.003%
178	16.314	16.303	16.328	VV	115	1174	0.01%	0.001%
179	16.352	16.328	16.376	VV	283	4885	0.05%	0.002%
180	16.397	16.376	16.446	VV	224	6154	0.06%	0.003%
181	16.450	16.446	16.461	VV	114	885	0.01%	0.000%
182	16.476	16.461	16.491	VV	255	3512	0.03%	0.002%
183	16.508	16.491	16.554	VV	311	5471	0.05%	0.003%
184	16.592	16.554	16.611	PV	422	9947	0.09%	0.005%
185	16.671	16.611	16.687	VV	382488	5373744	49.64%	2.553%
186	16.705	16.687	16.908	VV	428766	5901996	54.52%	2.804%
187	16.930	16.908	16.978	VV	2573	56567	0.52%	0.027%
188	17.055	16.978	17.104	VV	376662	5286361	48.84%	2.511%
189	17.140	17.104	17.411	VV	368835	5384372	49.74%	2.558%
190	17.419	17.411	17.441	VV	378	6091	0.06%	0.003%
191	17.466	17.441	17.494	VV	371	9932	0.09%	0.005%
192	17.536	17.494	17.543	VV	496	10116	0.09%	0.005%
193	17.587	17.543	17.628	VV	3686	64067	0.59%	0.030%
194	17.672	17.628	17.720	VV	344	12730	0.12%	0.006%

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195	17.729	17.720	17.746	VV	136	1542	0.01%	0.001%
196	17.820	17.746	17.845	VV	243	7570		
197	17.918	17.845	17.942	PV	3982	61760		
198	17.955	17.942	17.970	VV	1203	15935		
199	18.030	17.970	18.098	VV	347537	5076788	46	
200	18.118	18.098	18.158	VV	1162	24289		
201	18.163	18.158	18.191	VV	315	4734	0.04%	0.002%
202	18.255	18.191	18.274	VV	358	10252	0.09%	0.005%
203	18.303	18.274	18.318	VV	121	1553	0.01%	0.001%
204	18.346	18.318	18.371	PV	713	10315	0.10%	0.005%
205	18.439	18.371	18.454	VV	373753	5673644	52.41%	2.695%
206	18.472	18.454	18.650	VV	382851	6392099	59.05%	3.037%
207	18.695	18.650	18.821	VV	373853	6127866	56.61%	2.911%
208	18.862	18.821	18.941	VV	340968	5112489	47.23%	2.429%
209	18.959	18.941	18.994	VV	1830	46722	0.43%	0.022%
210	19.013	18.994	19.034	VV	1090	24565	0.23%	0.012%
211	19.044	19.034	19.085	VV	845	16456	0.15%	0.008%
212	19.116	19.085	19.148	VV	381	9839	0.09%	0.005%
213	19.161	19.148	19.183	VV	246	3206	0.03%	0.002%
214	19.257	19.183	19.364	VV	4829	152130	1.41%	0.072%
215	19.399	19.364	19.430	VV	402	14227	0.13%	0.007%
216	19.451	19.430	19.472	VV	425	6822	0.06%	0.003%
217	19.508	19.472	19.531	VV	205	4193	0.04%	0.002%
218	19.554	19.531	19.581	VV	261	4001	0.04%	0.002%
219	19.647	19.581	19.701	PV	320864	4967517	45.89%	2.360%
220	19.712	19.701	19.783	VV	3523	114268	1.06%	0.054%
221	19.799	19.783	19.861	VV	1025	32338	0.30%	0.015%
222	19.937	19.861	19.956	VV	490	21201	0.20%	0.010%
223	20.018	19.956	20.071	VV	2362	74104	0.68%	0.035%
224	20.287	20.071	20.311	VV	2154	133590	1.23%	0.063%
225	20.389	20.311	20.500	VV	303592	5252486	48.52%	2.495%
226	20.530	20.500	20.584	VV	5703	206457	1.91%	0.098%
227	20.615	20.584	20.628	VV	2763	70215	0.65%	0.033%
228	20.639	20.628	20.643	VV	2698	24319	0.22%	0.012%
229	20.742	20.643	20.778	VV	4196	249404	2.30%	0.118%
230	21.019	20.778	21.061	VV	3967	564829	5.22%	0.268%
231	21.120	21.061	21.347	VV	253161	5540534	51.18%	2.632%
232	21.359	21.347	21.403	VV	3128	101446	0.94%	0.048%
233	21.428	21.403	21.461	VV	2906	99286	0.92%	0.047%
234	21.468	21.461	21.478	VV	2715	26150	0.24%	0.012%
235	21.539	21.478	21.604	VV	3213	200991	1.86%	0.095%
236	21.835	21.604	21.858	VV	1624	280724	2.59%	0.133%
237	21.900	21.858	21.914	VV	1423	48381	0.45%	0.023%
238	22.021	21.914	22.194	VV	181503	5254806	48.54%	2.496%
239	22.205	22.194	22.316	VV	2079	94288	0.87%	0.045%
240	22.327	22.316	22.391	VV	469	11529	0.11%	0.005%

Sum of corrected areas: 210502785

Aliphatic EPH 041725.M Fri May 09 08:23:41 2025

Instrument :
FID_E

ClientSampleId :
SUB-WC-2MSD

0.01% 0.001%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/09/2025
Supervised By :mohammad ahmed 05/12/2025