

Instrument :

FID_E

ClientSampleId :

CONC-WC-1

rteres

Area Percent Report

Manual IntegrationsAPPROVED

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

Data File : FE045114.D

Signal(s) : FID1B.ch

Acq On : 31 Oct 2023 20:19

Sample : 05166-01

Misc :

ALS Vial : 22 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/01/2023

Supervised By :mohammad ahmed 11/01/2023

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	3.221	3.184	3.242	BV	9398	98661	0.05%	0.002%
2	3.255	3.242	3.310	VV	1649	18676	0.01%	0.000%
3	3.329	3.310	3.349	PV	260	3806	0.00%	0.000%
4	3.369	3.349	3.388	VV	222	3625	0.00%	0.000%
5	3.407	3.388	3.428	VV	537	7362	0.00%	0.000%
6	3.459	3.428	3.476	VV	1954	21194	0.01%	0.000%
7	3.492	3.476	3.532	VV	821	12930	0.01%	0.000%
8	3.563	3.532	3.577	VV	423	7579	0.00%	0.000%
9	3.617	3.577	3.663	VV	1929	31731	0.02%	0.001%
10	3.702	3.663	3.721	VV	2341	44144	0.02%	0.001%
11	3.747	3.721	3.801	VV	35149	346457	0.19%	0.007%
12	3.808	3.801	3.819	VV	257	2205	0.00%	0.000%
13	3.833	3.819	3.839	VV	258	2359	0.00%	0.000%
14	3.863	3.839	3.900	VV	30289	287687	0.16%	0.006%
15	3.921	3.900	3.932	VV	499	7569	0.00%	0.000%
16	3.950	3.932	3.997	VV	2236	34484	0.02%	0.001%
17	4.015	3.997	4.035	VV	2331	25073	0.01%	0.000%
18	4.053	4.035	4.093	VV	1461	22882	0.01%	0.000%
19	4.113	4.093	4.144	VV	1858	28364	0.02%	0.001%
20	4.156	4.144	4.201	VV	654	9914	0.01%	0.000%
21	4.232	4.201	4.277	VV	1508	39225	0.02%	0.001%
22	4.292	4.277	4.338	VV	804	14428	0.01%	0.000%
23	4.348	4.338	4.384	VV	233	4621	0.00%	0.000%
24	4.419	4.384	4.445	VV	742	11858	0.01%	0.000%
25	4.457	4.445	4.498	VV	250	5627	0.00%	0.000%
26	4.529	4.498	4.546	VV	516	9048	0.01%	0.000%
27	4.561	4.546	4.641	VV	469	16374	0.01%	0.000%
28	4.647	4.641	4.670	VV	204	2462	0.00%	0.000%
29	4.698	4.670	4.738	PV	15366	178640	0.10%	0.003%
30	4.745	4.738	4.794	VV	1052	19581	0.01%	0.000%
31	4.808	4.794	4.825	VV	697	8862	0.00%	0.000%

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32	4.839	4.825	4.857	VV	500	7072	0.00%	0.000%
33	4.886	4.857	4.911	VV	438	1154		
34	4.931	4.911	4.955	VV	440	829		
35	4.965	4.955	4.984	VV	277	425		
36	5.004	4.984	5.055	VV	759	1623		
37	5.103	5.055	5.141	VV	1561	30433	0.02%	0.001%
38	5.178	5.141	5.214	VV	1402	24975	0.01%	0.000%
39	5.233	5.214	5.264	VV	301	6316	0.00%	0.000%
40	5.295	5.264	5.328	VV	760	12181	0.01%	0.000%
41	5.344	5.328	5.387	VV	473	6307	0.00%	0.000%
42	5.408	5.387	5.421	PV	196	2422	0.00%	0.000%
43	5.439	5.421	5.458	VV	432	5599	0.00%	0.000%
44	5.470	5.458	5.488	VV	731	8086	0.00%	0.000%
45	5.516	5.488	5.589	VV	13568	203685	0.11%	0.004%
46	5.637	5.589	5.654	VV	305	6340	0.00%	0.000%
47	5.671	5.654	5.695	VV	302	5737	0.00%	0.000%
48	5.713	5.695	5.745	VV	302	5860	0.00%	0.000%
49	5.773	5.745	5.834	VV	919	20089	0.01%	0.000%
50	5.865	5.834	5.894	VV	1544	23635	0.01%	0.000%
51	5.913	5.894	5.944	VV	373	8180	0.00%	0.000%
52	5.972	5.944	5.987	VV	391	7205	0.00%	0.000%
53	5.995	5.987	6.020	VV	452	4748	0.00%	0.000%
54	6.048	6.020	6.068	PV	190	4297	0.00%	0.000%
55	6.103	6.068	6.132	VV	385	9604	0.01%	0.000%
56	6.142	6.132	6.158	VV	191	2521	0.00%	0.000%
57	6.242	6.158	6.289	VV	2227	42608	0.02%	0.001%
58	6.306	6.289	6.373	VV	370	12245	0.01%	0.000%
59	6.412	6.373	6.426	VV	593	11831	0.01%	0.000%
60	6.438	6.426	6.450	VV	401	4753	0.00%	0.000%
61	6.472	6.450	6.501	VV	481	12626	0.01%	0.000%
62	6.512	6.501	6.520	VV	484	4693	0.00%	0.000%
63	6.536	6.520	6.564	VV	886	12683	0.01%	0.000%
64	6.571	6.564	6.603	VV	288	5469	0.00%	0.000%
65	6.613	6.603	6.662	VV	202	5360	0.00%	0.000%
66	6.697	6.662	6.725	VV	633	11679	0.01%	0.000%
67	6.770	6.725	6.830	VV	303	11404	0.01%	0.000%
68	6.849	6.830	6.870	VV	284	4491	0.00%	0.000%
69	6.891	6.870	6.921	VV	263	4714	0.00%	0.000%
70	6.931	6.921	6.939	PV	129	923	0.00%	0.000%
71	6.985	6.939	7.004	VV	323	7703	0.00%	0.000%
72	7.037	7.004	7.068	VV	682	12150	0.01%	0.000%
73	7.088	7.068	7.114	PV	802	11103	0.01%	0.000%
74	7.137	7.114	7.162	VV	1462	22390	0.01%	0.000%
75	7.182	7.162	7.200	VV	717	10830	0.01%	0.000%
76	7.238	7.200	7.258	VV	1382	28048	0.02%	0.001%
77	7.270	7.258	7.291	VV	418	6696	0.00%	0.000%
78	7.311	7.291	7.339	VV	478	10252	0.01%	0.000%
79	7.361	7.339	7.382	VV	767	13864	0.01%	0.000%

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					riteres			
80	7.390	7.382	7.404	VV	433	4977	0.00%	0.000%
81	7.426	7.404	7.458	VV	1434	2022		
82	7.486	7.458	7.498	PV	236	362		
83	7.515	7.498	7.529	VV	348	493		
84	7.549	7.529	7.578	VV	315	463		
85	7.656	7.578	7.674	PV	1897	34761	0.02%	0.001%
86	7.691	7.674	7.721	VV	2006	24826	0.01%	0.000%
87	7.760	7.721	7.782	VV	584	8755	0.00%	0.000%
88	7.820	7.782	7.851	VV	514	13826	0.01%	0.000%
89	7.872	7.851	7.881	VV	265	3183	0.00%	0.000%
90	7.901	7.881	7.914	VV	662	8706	0.00%	0.000%
91	8.024	8.011	8.043	VV	3716	62758	0.03%	0.001%
92	8.093	8.043	8.112	VV	4662	165287	0.09%	0.003%
93	8.126	8.112	8.148	VV	4325	82312	0.05%	0.002%
94	8.221	8.148	8.235	VV	7106	264046	0.15%	0.005%
95	8.258	8.235	8.274	VV	10363	197135	0.11%	0.004%
96	8.283	8.274	8.298	VV	8048	111589	0.06%	0.002%
97	8.322	8.298	8.335	VV	12141	240042	0.13%	0.005%
98	8.363	8.335	8.374	VV	13293	287544	0.16%	0.006%
99	8.405	8.374	8.427	VV	18017	496048	0.28%	0.009%
100	8.452	8.427	8.475	VV	20837	553048	0.31%	0.011%
101	8.531	8.475	8.550	VV	34903	1292254	0.72%	0.025%
102	8.609	8.550	8.629	VV	40733	1700267	0.95%	0.033%
103	8.685	8.629	8.727	VV	78877	3427862	1.91%	0.066%
104	8.784	8.727	8.803	VV	84319	3303044	1.84%	0.063%
105	8.885	8.859	8.897	VV	115354	2537131	1.41%	0.049%
106	8.917	8.897	8.936	VV	130353	2844959	1.58%	0.054%
107	8.986	8.936	9.004	VV	193544	6003975	3.34%	0.115%
108	9.022	9.004	9.034	VV	173891	2923151	1.63%	0.056%
109	9.052	9.034	9.074	VV	213580	4476746	2.49%	0.086%
110	9.097	9.074	9.118	VV	183290	4671377	2.60%	0.089%
111	9.151	9.118	9.167	VV	239812	5977533	3.32%	0.114%
112	9.216	9.167	9.238	VV	252724	9742091	5.42%	0.186%
113	9.276	9.238	9.312	VV	284030	11341622	6.31%	0.217%
114	9.372	9.312	9.391	VV	290583	12950601	7.20%	0.248%
115	9.405	9.391	9.413	VV	299486	3952926	2.20%	0.076%
116	9.446	9.413	9.472	VV	368124	11744057	6.53%	0.225%
117	9.492	9.472	9.504	VV	342627	6433779	3.58%	0.123%
118	9.520	9.504	9.540	VV	351046	7262621	4.04%	0.139%
119	9.570	9.540	9.589	VV	403623	11205262	6.23%	0.214%
120	9.609	9.589	9.626	VV	410576	8791562	4.89%	0.168%
121	9.669	9.626	9.698	VV	453415	18755674	10.43%	0.359%
122	9.753	9.698	9.780	VV	633020	24832413	13.81%	0.475%
123	9.823	9.780	9.864	VV	539618	25937517	14.43%	0.497%
124	9.917	9.864	9.954	VV	601588	30339819	16.87%	0.581%
125	10.002	9.954	10.041	VV	620007	30963451	17.22%	0.593%
126	10.114	10.041	10.141	VV	739950	40164282	22.34%	0.769%

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127	10.158	10.141	10.175	VV	735870	14657377	8.15%	0.281%
128	10.204	10.175	10.218	VV	765975	1876755		
129	10.256	10.218	10.276	VV	788972	2668436		
130	10.295	10.276	10.303	VV	769186	1262656		
131	10.335	10.303	10.365	VV	836140	3017454		
132	10.389	10.365	10.411	VV	889145	23080636	12.84%	0.442%
133	10.437	10.411	10.453	VV	879087	21950164	12.21%	0.420%
134	10.511	10.453	10.528	VV	965571	41343759	22.99%	0.791%
135	10.554	10.528	10.572	VV	1072420	26962424	15.00%	0.516%
136	10.584	10.572	10.594	VV	1022619	13581284	7.55%	0.260%
137	10.612	10.594	10.628	VV	1056540	20996523	11.68%	0.402%
138	10.640	10.628	10.660	VV	1064328	20158332	11.21%	0.386%
139	10.696	10.660	10.727	VV	1242613	45482142	25.30%	0.871%
140	10.763	10.727	10.778	VV	1089973	32414512	18.03%	0.620%
141	10.806	10.778	10.815	VV	1182849	25624541	14.25%	0.491%
142	10.835	10.815	10.855	VV	1205955	27978748	15.56%	0.536%
143	10.905	10.855	10.921	VV	1263925	48095454	26.75%	0.921%
144	10.956	10.921	11.010	VV	1415425	70996838	39.49%	1.359%
145	11.031	11.010	11.089	VV	1347207	62793891	34.92%	1.202%
146	11.111	11.089	11.123	VV	1380017	26727769	14.87%	0.512%
147	11.149	11.123	11.172	VV	1459508	41878888	23.29%	0.802%
148	11.188	11.172	11.214	VV	1425036	35319707	19.64%	0.676%
149	11.236	11.214	11.257	VV	1437959	35813656	19.92%	0.686%
150	11.288	11.257	11.299	VV	1476480	35971287	20.01%	0.689%
151	11.327	11.299	11.354	VV	1543743	49721537	27.65%	0.952%
152	11.400	11.354	11.412	VV	1634716	54049646	30.06%	1.035%
153	11.423	11.412	11.435	VV	1615298	22080789	12.28%	0.423%
154	11.450	11.435	11.474	VV	1626036	36763433	20.45%	0.704%
155	11.497	11.474	11.534	VV	1615028	57682741	32.08%	1.104%
156	11.561	11.534	11.580	VV	1651807	44770913	24.90%	0.857%
157	11.594	11.580	11.618	VV	1659530	37495662	20.85%	0.718%
158	11.645	11.618	11.668	VV	1659467	48501693	26.98%	0.928%
159	11.715	11.668	11.750	VV	1777520	83782046	46.60%	1.604%
160	11.779	11.750	11.811	VV	1682219	60524925	33.66%	1.159%
161	11.826	11.811	11.837	VV	1671591	25897063	14.40%	0.496%
162	11.859	11.837	11.882	VV	1706662	45490150	25.30%	0.871%
163	11.931	11.882	11.974	VV	2209993	102054363	56.76%	1.954%
164	11.996	11.974	12.017	VV	1840548	46149207	25.67%	0.883%
165	12.033	12.017	12.050	VV	1857219	36496793	20.30%	0.699%
166	12.090	12.050	12.103	VV	1884613	58478348	32.52%	1.119%
167	12.128	12.103	12.142	VV	1941723	44401459	24.69%	0.850%
168	12.155	12.142	12.165	VV	1911685	25565432	14.22%	0.489%
169	12.174	12.165	12.224	VV	1923938	67143434	37.34%	1.285%
170	12.244	12.224	12.258	VV	1925441	38163392	21.23%	0.731%
171	12.286	12.258	12.348	VV	1985560	101488891	56.45%	1.943%
172	12.418	12.348	12.484	VV	1932389	154015993	85.66%	2.948%
173	12.527	12.484	12.540	VV	1929956	63605632	35.38%	1.218%
174	12.567	12.540	12.597	VV	1960822	65717777	36.55%	1.258%

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				rt	Area	Area%	Height	Height%
175	12.618	12.597	12.649	VV	1953410	60659737	33.74%	1.161%
176	12.671	12.649	12.681	VV	1918954	3610438		
177	12.703	12.681	12.763	VV	1984029	9528908		
178	12.803	12.763	12.863	VV	1951707	11412083		
179	12.881	12.863	12.890	VV	1925023	3027716		
180	12.911	12.890	12.934	VV	1946389	51145030	28.45%	0.979%
181	12.952	12.934	12.981	VV	1895292	52635588	29.27%	1.008%
182	13.008	12.981	13.025	VV	1884971	50152036	27.89%	0.960%
183	13.065	13.025	13.133	VV	1957691	122451937	68.10%	2.344%
184	13.151	13.133	13.204	VV	1884225	78762101	43.81%	1.508%
185	13.213	13.204	13.244	VV	1833672	43630200	24.27%	0.835%
186	13.251	13.244	13.259	VV	1808112	16437821	9.14%	0.315%
187	13.279	13.259	13.294	VV	1837191	37710966	20.97%	0.722%
188	13.306	13.294	13.316	VV	1870756	23948801	13.32%	0.458%
189	13.322	13.316	13.338	VV	1844392	24202497	13.46%	0.463%
190	13.395	13.338	13.436	VV	2059208	113488585	63.12%	2.172%
191	13.448	13.436	13.483	VV	1858515	50731261	28.22%	0.971%
192	13.497	13.483	13.508	VV	1859749	27614947	15.36%	0.529%
193	13.517	13.508	13.551	VV	1823109	46534203	25.88%	0.891%
194	13.559	13.551	13.573	VV	1796116	23286357	12.95%	0.446%
195	13.599	13.573	13.654	VV	1802551	86305159	48.00%	1.652%
196	13.686	13.654	13.711	VV	1790402	60267213	33.52%	1.154%
197	13.730	13.711	13.764	VV	1833290	57141854	31.78%	1.094%
198	13.780	13.764	13.814	VV	1776584	52577303	29.24%	1.006%
199	13.829	13.814	13.844	VV	1748868	31168662	17.34%	0.597%
200	13.872	13.844	13.882	VV	1764640	39151513	21.78%	0.749%
201	13.887	13.882	13.925	VV	1760848	44000329	24.47%	0.842%
202	13.942	13.925	13.964	VV	1702496	40023626	22.26%	0.766%
203	13.995	13.964	14.037	VV	1724642	73130141	40.67%	1.400%
204	14.067	14.037	14.117	VV	1717938	80509210	44.78%	1.541%
205	14.144	14.117	14.264	VV	1666434	140859161	78.34%	2.696%
206	14.298	14.264	14.315	VV	1612324	47425134	26.38%	0.908%
207	14.326	14.315	14.343	VV	1559131	26563117	14.77%	0.508%
208	14.373	14.343	14.411	VV	1566040	61912409	34.43%	1.185%
209	14.448	14.411	14.517	VV	1553944	94088264	52.33%	1.801%
210	14.531	14.517	14.594	VV	1432717	63862173	35.52%	1.222%
211	14.611	14.594	14.652	VV	1372431	46660150	25.95%	0.893%
212	14.660	14.652	14.714	VV	1317861	48133056	26.77%	0.921%
213	14.720	14.714	14.750	VV	1253258	25979106	14.45%	0.497%
214	14.777	14.750	14.821	VV	1236174	52166340	29.01%	0.999%
215	14.825	14.821	15.115	VV	1206099	179800104	100.00%	3.442%
216	15.127	15.115	15.224	VV	864598	52183643	29.02%	0.999%
217	15.232	15.224	15.359	VV	753224	54780859	30.47%	1.049%
218	15.367	15.359	15.708	VV	614747	94946434	52.81%	1.818%
219	15.710	15.708	15.874	VV	333732	27278087	15.17%	0.522%
220	15.886	15.874	16.404	VV	218285	40856371	22.72%	0.782%
221	16.422	16.404	16.523	VV	65448	3949470	2.20%	0.076%

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222	16.553	16.523	16.671	VV	64077	3794006	2.11%	0.073%
223	16.682	16.671	16.694	VV	31607	42796		
224	16.711	16.694	16.785	VV	33428	152278		
225	16.797	16.785	16.898	VV	22485	129329		
226	16.907	16.898	17.011	VV	16525	91804		
227	17.027	17.011	17.071	VV	11826	385043	0.21%	0.007%
228	17.090	17.071	17.134	VV	12118	363258	0.20%	0.007%
229	17.180	17.134	17.200	VV	9581	316017	0.18%	0.006%
230	17.223	17.200	17.298	VV	10013	366763	0.20%	0.007%
231	17.306	17.298	17.408	VV	4524	218758	0.12%	0.004%
232	17.423	17.408	17.475	VV	2476	62513	0.03%	0.001%
233	17.508	17.475	17.533	VV	2232	36375	0.02%	0.001%
234	17.566	17.533	17.581	PV	1185	21428	0.01%	0.000%
235	17.629	17.581	17.669	VV	3223	60945	0.03%	0.001%
236	17.743	17.669	17.760	PV	1862	59913	0.03%	0.001%
237	17.795	17.760	17.808	VV	1546	42064	0.02%	0.001%
238	17.848	17.808	17.858	VV	1879	49569	0.03%	0.001%
239	17.866	17.858	17.875	VV	1671	16350	0.01%	0.000%
240	17.960	17.875	17.970	VV	1063	75102	0.04%	0.001%
241	18.066	17.970	18.095	VV	7111	146887	0.08%	0.003%
242	18.157	18.095	18.176	PV	1310	22906	0.01%	0.000%
243	18.248	18.176	18.258	PV	569	16399	0.01%	0.000%
244	18.388	18.258	18.407	VV	4150	136911	0.08%	0.003%
245	18.455	18.407	18.476	VV	30075	614656	0.34%	0.012%
246	18.495	18.476	18.568	VV	26136	550688	0.31%	0.011%
247	18.585	18.568	18.609	VV	3091	63171	0.04%	0.001%
248	18.636	18.609	18.663	VV	1448	34099	0.02%	0.001%
249	18.712	18.663	18.757	PV	29021	474600	0.26%	0.009%
250	18.795	18.757	18.804	VV	599	19672	0.01%	0.000%
251	18.898	18.804	18.954	VV	6383	191558	0.11%	0.004%
252	19.004	18.954	19.028	VV	2109	49571	0.03%	0.001%
253	19.295	19.028	19.387	VV	14203	1428251	0.79%	0.027%
254	19.632	19.387	19.640	VV	21610	1874073	1.04%	0.036%
255	19.692	19.640	19.764	VV	25515	1665455	0.93%	0.032%
256	19.781	19.764	19.809	VV	17596	456848	0.25%	0.009%
257	19.977	19.809	19.998	VV	24383	2364224	1.31%	0.045%
258	20.008	19.998	20.018	VV	21905	258842	0.14%	0.005%
259	20.052	20.018	20.071	VV	23846	719711	0.40%	0.014%
260	20.122	20.071	20.130	VV	28291	886637	0.49%	0.017%
261	20.179	20.130	20.193	VV	34207	1191778	0.66%	0.023%
262	20.244	20.193	20.318	VV	37229	2591849	1.44%	0.050%
263	20.585	20.318	20.640	VV	62548	8653777	4.81%	0.166%
264	20.765	20.640	20.851	VV	67399	7385612	4.11%	0.141%
265	20.870	20.851	20.901	VV	53336	1573512	0.88%	0.030%
266	20.946	20.901	20.954	VV	53890	1675844	0.93%	0.032%
267	21.068	20.954	21.186	VV	59766	7063074	3.93%	0.135%
268	21.306	21.186	21.424	VV	53775	6276079	3.49%	0.120%
269	21.435	21.424	21.446	VV	36344	468613	0.26%	0.009%

Instrument :

FID_E

ClientSampleId :

CONC-WC-1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/01/2023

Supervised By :mohammad ahmed 11/01/2023

270	21.562	21.446	21.674	VV	44510	4854544	2.70%	0.093%
271	21.786	21.674	21.800	VV	29034	192737		
272	21.810	21.800	21.828	VV	27855	45531		
273	21.878	21.828	21.966	VV	28978	181694		
274	22.075	21.966	22.214	VV	30361	276019		
275	22.226	22.214	22.238	VV	1096	9944	0.01%	0.000%

Sum of corrected areas: 5223944196

Aliphatic EPH 101223.M Wed Nov 01 04:08:44 2023

Instrument :

FID_E

ClientSampleId :

CONC-WC-1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/01/2023

Supervised By :mohammad ahmed 11/01/2023