

Instrument :

FID_E

ClientSampleId :

5MSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE03292

Data File : FE041085.D

Signal(s) : FID1B.ch

Acq On : 29 Mar 2023 21:27

Sample : 02118-07MSD

Misc :

ALS Vial : 23 Sample Multiplier: 1

Reviewed By :Yogesh Patel 03/30/2023

Supervised By :Ankita Jodhani 03/30/2023

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.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	3.272	3.205	3.397	BV	701524	7194481	53.69%	2.334%
2	3.412	3.397	3.432	VV	1584	25162	0.19%	0.008%
3	3.440	3.432	3.463	VV	902	12440	0.09%	0.004%
4	3.479	3.463	3.501	VV	711	12599	0.09%	0.004%
5	3.507	3.501	3.532	VV	586	8391	0.06%	0.003%
6	3.550	3.532	3.565	VV	525	7444	0.06%	0.002%
7	3.580	3.565	3.625	VV	882	19509	0.15%	0.006%
8	3.637	3.625	3.698	VV	656	16605	0.12%	0.005%
9	3.711	3.698	3.747	VV	392	6716	0.05%	0.002%
10	3.768	3.747	3.777	VV	211	3513	0.03%	0.001%
11	3.799	3.777	3.808	VV	302	4422	0.03%	0.001%
12	3.819	3.808	3.841	VV	303	5319	0.04%	0.002%
13	3.864	3.841	3.938	VV	415	18714	0.14%	0.006%
14	3.954	3.938	4.045	VV	460	17759	0.13%	0.006%
15	4.063	4.045	4.111	VV	423	12236	0.09%	0.004%
16	4.158	4.111	4.181	VV	331	11330	0.08%	0.004%
17	4.244	4.181	4.457	VV	1443	73401	0.55%	0.024%
18	4.467	4.457	4.476	VV	250	2445	0.02%	0.001%
19	4.510	4.476	4.527	VV	782648	7407860	55.29%	2.403%
20	4.545	4.527	4.771	VV	796335	8267394	61.70%	2.682%
21	4.790	4.771	4.802	VV	1025	16601	0.12%	0.005%
22	4.811	4.802	4.854	VV	882	24340	0.18%	0.008%
23	4.868	4.854	4.897	VV	783	17616	0.13%	0.006%
24	4.912	4.897	4.941	VV	712	17111	0.13%	0.006%
25	4.964	4.941	4.995	VV	734	22384	0.17%	0.007%
26	5.010	4.995	5.108	VV	851	38781	0.29%	0.013%
27	5.126	5.108	5.137	VV	500	8170	0.06%	0.003%
28	5.167	5.137	5.278	VV	1319	47066	0.35%	0.015%
29	5.297	5.278	5.330	VV	444	11343	0.08%	0.004%
30	5.349	5.330	5.381	VV	763	13900	0.10%	0.005%
31	5.383	5.381	5.418	VV	428	6948	0.05%	0.002%
32	5.468	5.418	5.484	VV	856	24302	0.18%	0.008%
33	5.499	5.484	5.612	VV	1035	38123	0.28%	0.012%
34	5.639	5.612	5.715	VV	2024	38321	0.29%	0.012%
35	5.721	5.715	5.736	VV	353	3647	0.03%	0.001%
36	5.742	5.736	5.788	VV	290	6473	0.05%	0.002%

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37	5.802	5.788	5.828	VV	288	4764	0.04%	0.002%	
38	5.890	5.828	5.985	VV	2962	57087			
39	6.011	5.985	6.040	VV	194	4093			
40	6.058	6.040	6.088	VV	328	4606			
41	6.096	6.088	6.145	VV	143	2703			
42	6.153	6.145	6.175	PV	58	881			
43	6.204	6.175	6.365	VV	721267	7946204	59.30%	2.578%	
44	6.377	6.365	6.528	VV	3030	166384	1.24%	0.054%	
45	6.537	6.528	6.631	VV	1238	58561	0.44%	0.019%	
46	6.666	6.631	6.801	VV	740756	7727781	57.67%	2.507%	
47	6.815	6.801	6.925	VV	1263	63812	0.48%	0.021%	
48	6.951	6.925	6.975	VV	707	17693	0.13%	0.006%	
49	6.990	6.975	7.014	VV	617	11521	0.09%	0.004%	
50	7.026	7.014	7.050	VV	464	8874	0.07%	0.003%	
51	7.071	7.050	7.095	VV	490	9666	0.07%	0.003%	
52	7.105	7.095	7.135	VV	478	9522	0.07%	0.003%	
53	7.142	7.135	7.175	VV	411	8440	0.06%	0.003%	
54	7.207	7.175	7.264	VV	10187	176602	1.32%	0.057%	
55	7.297	7.264	7.431	VV	651373	7443918	55.55%	2.415%	
56	7.439	7.431	7.481	VV	3676	92267	0.69%	0.030%	
57	7.508	7.481	7.521	VV	3543	74698	0.56%	0.024%	
58	7.525	7.521	7.563	VV	3543	65845	0.49%	0.021%	
59	7.581	7.563	7.594	VV	2504	41701	0.31%	0.014%	
60	7.610	7.594	7.655	VV	3185	71357	0.53%	0.023%	
61	7.683	7.655	7.758	VV	1898	73102	0.55%	0.024%	
62	7.785	7.758	7.874	VV	1436	50992	0.38%	0.017%	
63	7.892	7.874	7.916	VV	652	12563	0.09%	0.004%	
64	7.924	7.916	7.968	VV	455	12929	0.10%	0.004%	
65	7.975	7.968	7.995	VV	416	5754	0.04%	0.002%	
66	8.029	7.995	8.082	VV	665	29073	0.22%	0.009%	
67	8.093	8.082	8.119	VV	550	9480	0.07%	0.003%	
68	8.137	8.119	8.160	VV	588	10230	0.08%	0.003%	
69	8.181	8.160	8.210	VV	1392	21475	0.16%	0.007%	
70	8.239	8.210	8.287	VV	1496	25823	0.19%	0.008%	
71	8.308	8.287	8.327	VV	559	8436	0.06%	0.003%	
72	8.343	8.327	8.371	VV	409	8876	0.07%	0.003%	
73	8.397	8.371	8.409	VV	723	10921	0.08%	0.004%	
74	8.417	8.409	8.438	VV	599	8845	0.07%	0.003%	
75	8.492	8.438	8.567	VV	706867	7586523	56.62%	2.461%	
76	8.596	8.567	8.806	VV	691835	7747283	57.82%	2.514%	
77	8.819	8.806	8.837	VV	857	14675	0.11%	0.005%	
78	8.895	8.837	9.016	VV	752663	8034741	59.96%	2.607%	
79	9.028	9.016	9.116	VV	1988	74559	0.56%	0.024%	
80	9.123	9.116	9.148	VV	830	14193	0.11%	0.005%	
81	9.151	9.148	9.159	VV	725	4557	0.03%	0.001%	
82	9.166	9.159	9.188	VV	686	11542	0.09%	0.004%	
83	9.231	9.188	9.249	VV	2089	44380	0.33%	0.014%	
84	9.263	9.249	9.294	VV	1297	24633	0.18%	0.008%	
85	9.317	9.294	9.389	VV	1585	44510	0.33%	0.014%	
86	9.405	9.389	9.448	VV	475	11455	0.09%	0.004%	
87	9.469	9.448	9.486	VV	854	11694	0.09%	0.004%	
88	9.508	9.486	9.571	VV	543	16283	0.12%	0.005%	
89	9.604	9.571	9.637	VV	275	6625	0.05%	0.002%	

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Supervised By :Ankita Jodhani 03/30/2023

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rteres								
90	9.685	9.637	9.854	PV	628827	7386590	55.13%	2.397%
Manual IntegrationsAPPROVED								
91	9.874	9.854	9.893	VV	3546	52844	0.04%	0.002%
92	9.916	9.893	9.978	VV	2970	89550	0.07%	0.003%
93	10.016	9.978	10.065	VV	1706	69080	0.08%	0.003%
94	10.097	10.065	10.181	VV	691502	7636742	0.12%	0.005%
95	10.235	10.181	10.388	VV	1642	100542	0.03%	0.002%
96	10.398	10.388	10.417	VV	348	5825	0.04%	0.002%
97	10.425	10.417	10.460	VV	480	9438	0.07%	0.003%
98	10.483	10.460	10.508	VV	542	10053	0.08%	0.003%
99	10.579	10.508	10.601	VV	311	15586	0.12%	0.005%
100	10.615	10.601	10.641	VV	281	4639	0.03%	0.002%
101	10.653	10.641	10.685	VV	279	4422	0.03%	0.001%
102	10.691	10.685	10.701	VV	106	1247	0.01%	0.000%
103	10.715	10.701	10.745	VV	192	2010	0.02%	0.001%
104	10.761	10.745	10.778	PV	311	3941	0.03%	0.001%
105	10.799	10.778	10.812	VV	384	4814	0.04%	0.002%
106	10.835	10.812	10.861	VV	915	14926	0.11%	0.005%
107	10.872	10.861	10.888	VV	501	6100	0.05%	0.002%
108	10.918	10.888	11.002	VV	2241	59610	0.44%	0.019%
109	11.015	11.002	11.028	VV	79	908	0.01%	0.000%
110	11.091	11.028	11.145	VV	613847	6945394	51.83%	2.253%
111	11.168	11.145	11.320	VV	548653	6978453	52.08%	2.264%
112	11.339	11.320	11.451	VV	4308	144885	1.08%	0.047%
113	11.468	11.451	11.492	VV	1535	29156	0.22%	0.009%
114	11.540	11.492	11.601	VV	636386	7427738	55.43%	2.410%
115	11.620	11.601	11.665	VV	2237	52989	0.40%	0.017%
116	11.691	11.665	11.709	VV	773	18051	0.13%	0.006%
117	11.731	11.709	11.758	VV	1908	26762	0.20%	0.009%
118	11.780	11.758	11.806	VV	2180	29121	0.22%	0.009%
119	11.853	11.806	11.915	VV	458961	4989463	37.24%	1.619%
120	11.924	11.915	12.005	VV	1417	52878	0.39%	0.017%
121	12.019	12.005	12.041	VV	985	15884	0.12%	0.005%
122	12.058	12.041	12.081	VV	1200	18294	0.14%	0.006%
123	12.098	12.081	12.126	VV	645	10643	0.08%	0.003%
124	12.145	12.126	12.168	VV	395	5854	0.04%	0.002%
125	12.207	12.168	12.226	PV	1058	17082	0.13%	0.006%
126	12.259	12.226	12.288	VV	1878	35821	0.27%	0.012%
127	12.311	12.288	12.401	VV	706	31306	0.23%	0.010%
128	12.407	12.401	12.431	VV	333	4291	0.03%	0.001%
129	12.459	12.431	12.521	VV	11522	152405	1.14%	0.049%
130	12.541	12.521	12.583	VV	609	13061	0.10%	0.004%
131	12.595	12.583	12.627	VV	166	2415	0.02%	0.001%
132	12.671	12.627	12.694	VV	2934	38924	0.29%	0.013%
133	12.733	12.694	12.753	VV	550	14999	0.11%	0.005%
134	12.790	12.753	12.815	VV	953	24452	0.18%	0.008%
135	12.849	12.815	12.883	VV	627236	7213573	53.84%	2.340%
136	12.914	12.883	13.058	VV	571548	6847412	51.10%	2.222%
137	13.063	13.058	13.084	VV	930	12664	0.09%	0.004%
138	13.109	13.084	13.181	VV	4275	85473	0.64%	0.028%
139	13.213	13.181	13.260	VV	575472	6742584	50.32%	2.188%
140	13.292	13.260	13.384	VV	305769	3934879	29.37%	1.277%
141	13.400	13.384	13.422	VV	1431	26749	0.20%	0.009%

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142	13.461	13.422	13.570	VV	563853	6882050	51.36%	2.233%
143	13.585	13.570	13.648	VV	1048	27073		
144	13.693	13.648	13.786	VV	761	28076		
145	13.809	13.786	13.825	PV	279	4341		
146	13.845	13.825	13.865	VV	583	11725		
147	13.887	13.865	13.928	VV	1809	30479		
148	13.997	13.928	14.011	VV	1515	33488	0.25%	0.011%
149	14.048	14.011	14.129	VV	536331	6738569	50.29%	2.186%
150	14.147	14.129	14.206	VV	592	16014	0.12%	0.005%
151	14.227	14.206	14.251	VV	963	12261	0.09%	0.004%
152	14.262	14.251	14.291	VV	241	3778	0.03%	0.001%
153	14.299	14.291	14.315	VV	210	2208	0.02%	0.001%
154	14.332	14.315	14.372	VV	125	2729	0.02%	0.001%
155	14.415	14.372	14.424	VV	376	6767	0.05%	0.002%
156	14.502	14.424	14.581	VV	10038	237865	1.78%	0.077%
157	14.608	14.581	14.631	VV	3790	50487	0.38%	0.016%
158	14.667	14.631	14.687	VV	1310	25409	0.19%	0.008%
159	14.709	14.687	14.738	VV	1362	18640	0.14%	0.006%
160	14.766	14.738	14.784	VV	402	7673	0.06%	0.002%
161	14.806	14.784	14.831	VV	617	12263	0.09%	0.004%
162	14.847	14.831	14.882	VV	369	8058	0.06%	0.003%
163	14.888	14.882	14.904	VV	186	1616	0.01%	0.001%
164	14.928	14.904	14.948	VV	255	3736	0.03%	0.001%
165	14.960	14.948	14.970	VV	168	1729	0.01%	0.001%
166	15.006	14.970	15.058	VV	563	15427	0.12%	0.005%
167	15.099	15.058	15.119	PV	520584	6345358	47.36%	2.059%
168	15.146	15.119	15.308	VV	814711	13399278	100.00%	4.347%
169	15.328	15.308	15.447	VV	2117	97618	0.73%	0.032%
170	15.541	15.447	15.615	VV	20284	530473	3.96%	0.172%
171	15.624	15.615	15.644	VV	1634	23649	0.18%	0.008%
172	15.669	15.644	15.703	VV	6575	97271	0.73%	0.032%
173	15.735	15.703	15.767	VV	11926	169526	1.27%	0.055%
174	15.785	15.767	15.831	VV	1149	23367	0.17%	0.008%
175	15.855	15.831	15.878	VV	472	9917	0.07%	0.003%
176	15.886	15.878	15.904	VV	426	4940	0.04%	0.002%
177	15.931	15.904	15.975	VV	495	13703	0.10%	0.004%
178	15.987	15.975	16.005	VV	334	4660	0.03%	0.002%
179	16.049	16.005	16.057	VV	1250	19731	0.15%	0.006%
180	16.067	16.057	16.101	VV	1202	23204	0.17%	0.008%
181	16.175	16.101	16.213	VV	501743	6490977	48.44%	2.106%
182	16.237	16.213	16.275	VV	2087	33773	0.25%	0.011%
183	16.299	16.275	16.325	VV	277	5459	0.04%	0.002%
184	16.359	16.325	16.436	VV	15078	192318	1.44%	0.062%
185	16.465	16.436	16.511	PV	1018	18959	0.14%	0.006%
186	16.561	16.511	16.601	VV	5731	132524	0.99%	0.043%
187	16.664	16.601	16.679	VV	515358	7012718	52.34%	2.275%
188	16.696	16.679	16.841	VV	559999	7124454	53.17%	2.311%
189	16.847	16.841	16.911	VV	1657	44146	0.33%	0.014%
190	16.956	16.911	16.971	VV	1077	29782	0.22%	0.010%
191	16.995	16.971	17.014	VV	4334	63518	0.47%	0.021%
192	17.047	17.014	17.091	VV	464350	6267664	46.78%	2.033%
193	17.124	17.091	17.156	VV	473458	6564878	48.99%	2.130%
194	17.167	17.156	17.183	VV	11011	149855	1.12%	0.049%

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195	17.198	17.183	17.289	VV	11732	255245	1.90%	0.083%	
196	17.305	17.289	17.331	VV	1344	30579			
197	17.353	17.331	17.380	VV	1313	34255			
198	17.395	17.380	17.418	VV	1108	23090			
199	17.456	17.418	17.470	VV	2253	48333			
200	17.503	17.470	17.543	VV	9330	241437			
201	17.571	17.543	17.625	VV	28079	457336	3.41%	0.148%	
202	17.657	17.625	17.708	VV	5190	118593	0.89%	0.038%	
203	17.735	17.708	17.755	VV	1545	37459	0.28%	0.012%	
204	17.781	17.755	17.827	VV	1855	64410	0.48%	0.021%	
205	17.902	17.827	17.925	VV	6148	152971	1.14%	0.050%	
206	18.015	17.925	18.052	VV	481914	6698262	49.99%	2.173%	
207	18.101	18.052	18.162	VV	33678	654886	4.89%	0.212%	
208	18.236	18.162	18.267	VV	5719	263395	1.97%	0.085%	
209	18.335	18.267	18.354	VV	10226	292594	2.18%	0.095%	
210	18.383	18.354	18.397	VV	25314	447916	3.34%	0.145%	
211	18.431	18.397	18.445	VV	542642	7853937	58.61%	2.548%	
212	18.463	18.445	18.515	VV	549769	7809726	58.28%	2.534%	
213	18.523	18.515	18.643	VV	15438	622164	4.64%	0.202%	
214	18.688	18.643	18.782	VV	550618	8262342	61.66%	2.681%	
215	18.847	18.782	18.893	VV	466890	6964159	51.97%	2.259%	
216	18.944	18.893	19.080	VV	32461	1109844	8.28%	0.360%	
217	19.115	19.080	19.132	VV	7072	196361	1.47%	0.064%	
218	19.210	19.132	19.224	VV	26290	734385	5.48%	0.238%	
219	19.237	19.224	19.288	VV	25971	685761	5.12%	0.222%	
220	19.316	19.288	19.329	VV	14724	301726	2.25%	0.098%	
221	19.356	19.329	19.425	VV	20593	777647	5.80%	0.252%	
222	19.478	19.425	19.514	VV	15251	593414	4.43%	0.193%	
223	19.533	19.514	19.583	VV	11381	396554	2.96%	0.129%	
224	19.632	19.583	19.668	VV	458577	6907550	51.55%	2.241%	
225	19.690	19.668	19.706	VV	16901	318794	2.38%	0.103%	
226	19.736	19.706	19.791	VV	22598	786341	5.87%	0.255%	
227	19.819	19.791	19.854	VV	12960	429116	3.20%	0.139%	
228	19.914	19.854	19.944	VV	12376	592760	4.42%	0.192%	
229	19.998	19.944	20.085	VV	19219	1230351	9.18%	0.399%	
230	20.141	20.085	20.171	VV	13343	651272	4.86%	0.211%	
231	20.278	20.171	20.331	VV	22761	1723919	12.87%	0.559%	
232	20.373	20.331	20.443	VV	453654	7516436	56.10%	2.439%	
233	20.523	20.443	20.558	VV	22862	1302113	9.72%	0.422%	
234	20.598	20.558	20.615	VV	17332	577989	4.31%	0.188%	
235	20.671	20.615	20.695	VV	18407	850313	6.35%	0.276%	
236	20.728	20.695	20.751	VV	21770	680496	5.08%	0.221%	
237	20.770	20.751	20.795	VV	20181	525698	3.92%	0.171%	
238	20.841	20.795	20.858	VV	19619	735386	5.49%	0.239%	
239	20.900	20.858	20.941	VV	20938	1010231	7.54%	0.328%	
240	21.007	20.941	21.043	VV	21225	1266807	9.45%	0.411%	
241	21.100	21.043	21.185	VV	413771	8453605	63.09%	2.743%	
242	21.242	21.185	21.380	VV	22620	2578430	19.24%	0.837%	
243	21.417	21.380	21.468	VV	21748	1134617	8.47%	0.368%	
244	21.509	21.468	21.568	VV	22466	1284779	9.59%	0.417%	
245	21.576	21.568	21.608	VV	21000	499562	3.73%	0.162%	
246	21.633	21.608	21.688	VV	20871	991685	7.40%	0.322%	

Instrument :

FID_E

ClientSampleId :

5MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/30/2023
Supervised By :Ankita Jodhani 03/30/2023

	Area	Height	Area%	Height%	Integration	Integration	Integration
247	21.694	21.688	21.704	VV	20528	202678	1.51%
248	21.744	21.704	21.778	VV	21398	932311	0.066%
249	21.986	21.778	22.101	VBA	309744	10941891	81.42%
Sum of corrected areas:					3082		

Aliphatic EPH 032523.M Thu Mar 30 02:31:14 2023

Instrument :
FID_E
ClientSampleId :
5MSD
1.51% 0.066%

Manual IntegrationsAPPROVED
Reviewed By :Yogesh Patel 03/30/2023
Supervised By :Ankita Jodhani 03/30/2023