

Instrument :
FID_E
ClientSampleId :
TR-05-103123MSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE
Data File : FE045144.D
Signal(s) : FID1B.ch
Acq On : 01 Nov 2023 18:51
Sample : 05171-01MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/06/2023

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	3.227	3.184	3.248	BV	11575	120273	0.96%	0.040%
2	3.280	3.248	3.365	VV	440495	4437432	35.51%	1.461%
3	3.377	3.365	3.395	VV	517	7031	0.06%	0.002%
4	3.415	3.395	3.441	VV	836	14459	0.12%	0.005%
5	3.462	3.441	3.483	VV	2068	23866	0.19%	0.008%
6	3.490	3.483	3.508	VV	362	4143	0.03%	0.001%
7	3.523	3.508	3.540	VV	254	3171	0.03%	0.001%
8	3.555	3.540	3.575	VV	204	2532	0.02%	0.001%
9	3.620	3.575	3.663	VV	4043	57934	0.46%	0.019%
10	3.682	3.663	3.690	VV	2137	22549	0.18%	0.007%
11	3.702	3.690	3.721	VV	2775	34016	0.27%	0.011%
12	3.749	3.721	3.839	VV	39601	393684	3.15%	0.130%
13	3.865	3.839	3.904	PV	32332	308255	2.47%	0.101%
14	3.922	3.904	3.934	VV	519	6920	0.06%	0.002%
15	3.952	3.934	4.001	VV	2380	33364	0.27%	0.011%
16	4.017	4.001	4.036	VV	2728	27166	0.22%	0.009%
17	4.052	4.036	4.088	VV	2099	30556	0.24%	0.010%
18	4.113	4.088	4.167	VV	2259	32170	0.26%	0.011%
19	4.177	4.167	4.197	VV	177	1804	0.01%	0.001%
20	4.248	4.197	4.281	PV	3881	89835	0.72%	0.030%
21	4.292	4.281	4.374	VV	727	13826	0.11%	0.005%
22	4.389	4.374	4.404	PV	189	1750	0.01%	0.001%
23	4.419	4.404	4.444	VV	839	8042	0.06%	0.003%
24	4.475	4.444	4.488	VV	139	2919	0.02%	0.001%
25	4.531	4.488	4.548	VV	515246	5045350	40.37%	1.661%
26	4.566	4.548	4.666	VV	535774	5367888	42.95%	1.767%
27	4.687	4.666	4.728	VV	1101	22697	0.18%	0.007%
28	4.748	4.728	4.790	VV	890	16834	0.13%	0.006%
29	4.810	4.790	4.828	VV	922	10896	0.09%	0.004%
30	4.836	4.828	4.858	VV	379	3381	0.03%	0.001%
31	4.892	4.858	4.928	VV	401	8448	0.07%	0.003%

32	4.944	4.928	4.963	VV	386	5283	0.04%	0.002%
33	5.008	4.963	5.021	VV	684	1431		
34	5.028	5.021	5.055	VV	605	876		
35	5.101	5.055	5.133	VV	2026	3137		
36	5.185	5.133	5.211	VV	1128	2064		
37	5.229	5.211	5.264	VV	617	9956	0.08%	0.003%
38	5.293	5.264	5.305	PV	732	10326	0.08%	0.003%
39	5.310	5.305	5.330	VV	555	4899	0.04%	0.002%
40	5.347	5.330	5.357	VV	348	3286	0.03%	0.001%
41	5.370	5.357	5.390	VV	510	5110	0.04%	0.002%
42	5.432	5.390	5.454	PV	1201	16266	0.13%	0.005%
43	5.468	5.454	5.491	VV	641	8162	0.07%	0.003%
44	5.519	5.491	5.587	VV	692	13335	0.11%	0.004%
45	5.603	5.587	5.618	PV	187	1538	0.01%	0.001%
46	5.635	5.618	5.648	VV	361	3278	0.03%	0.001%
47	5.665	5.648	5.717	VV	1412	24583	0.20%	0.008%
48	5.726	5.717	5.748	VV	275	3544	0.03%	0.001%
49	5.767	5.748	5.808	VV	845	11538	0.09%	0.004%
50	5.850	5.808	5.877	PV	588	10058	0.08%	0.003%
51	5.910	5.877	5.939	VV	3128	36209	0.29%	0.012%
52	5.975	5.939	6.019	VV	570	15658	0.13%	0.005%
53	6.050	6.019	6.068	VV	548	8320	0.07%	0.003%
54	6.095	6.068	6.128	VV	314	6433	0.05%	0.002%
55	6.143	6.128	6.159	VV	219	2545	0.02%	0.001%
56	6.231	6.159	6.360	PV	601657	5981391	47.86%	1.969%
57	6.379	6.360	6.391	VV	837	14684	0.12%	0.005%
58	6.406	6.391	6.421	VV	1099	16756	0.13%	0.006%
59	6.430	6.421	6.450	VV	959	13361	0.11%	0.004%
60	6.462	6.450	6.503	VV	714	18594	0.15%	0.006%
61	6.530	6.503	6.557	VV	699	17345	0.14%	0.006%
62	6.567	6.557	6.595	VV	370	6763	0.05%	0.002%
63	6.618	6.595	6.660	VV	659	13590	0.11%	0.004%
64	6.696	6.660	6.766	VV	557129	5660965	45.30%	1.864%
65	6.782	6.766	6.794	VV	742	10342	0.08%	0.003%
66	6.808	6.794	6.831	VV	663	12413	0.10%	0.004%
67	6.848	6.831	6.873	VV	1407	20601	0.16%	0.007%
68	6.893	6.873	6.909	VV	548	8262	0.07%	0.003%
69	6.921	6.909	6.934	VV	301	3410	0.03%	0.001%
70	6.976	6.934	6.998	VV	843	15031	0.12%	0.005%
71	7.020	6.998	7.063	VV	531	12697	0.10%	0.004%
72	7.099	7.063	7.131	VV	1967	41398	0.33%	0.014%
73	7.140	7.131	7.156	VV	719	8493	0.07%	0.003%
74	7.178	7.156	7.199	VV	2762	36063	0.29%	0.012%
75	7.230	7.199	7.254	VV	8580	107921	0.86%	0.036%
76	7.266	7.254	7.287	VV	1230	16523	0.13%	0.005%
77	7.328	7.287	7.397	VV	588715	6008994	48.08%	1.978%
78	7.420	7.397	7.446	VV	3280	67605	0.54%	0.022%
79	7.464	7.446	7.496	VV	2583	45089	0.36%	0.015%

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80	7.527	7.496	7.542	VV	2102	39204	0.31%	0.013%
81	7.551	7.542	7.583	VV	1552	2433		
82	7.615	7.583	7.624	VV	2160	3563		
83	7.642	7.624	7.688	VV	5086	8288		
84	7.703	7.688	7.748	VV	932	2406		
85	7.814	7.748	7.851	VV	1941	39514	0.32%	0.013%
86	7.866	7.851	7.888	VV	682	9145	0.07%	0.003%
87	7.954	7.888	8.047	PV	710742	7173795	57.40%	2.362%
88	8.069	8.047	8.088	VV	2246	45177	0.36%	0.015%
89	8.098	8.088	8.144	VV	1582	42316	0.34%	0.014%
90	8.167	8.144	8.191	VV	1135	22773	0.18%	0.007%
91	8.215	8.191	8.234	VV	1991	29332	0.23%	0.010%
92	8.271	8.234	8.296	VV	2307	46672	0.37%	0.015%
93	8.341	8.296	8.374	VV	2446	47646	0.38%	0.016%
94	8.445	8.374	8.461	VV	2468	69800	0.56%	0.023%
95	8.488	8.461	8.496	VV	8455	104447	0.84%	0.034%
96	8.525	8.496	8.588	VV	568222	6109567	48.89%	2.012%
97	8.628	8.588	8.698	VV	598553	6341513	50.74%	2.088%
98	8.709	8.698	8.727	VV	1856	28896	0.23%	0.010%
99	8.744	8.727	8.786	VV	1882	41276	0.33%	0.014%
100	8.829	8.786	8.896	VV	431595	4670787	37.37%	1.538%
101	8.928	8.896	9.000	VV	605741	6350791	50.82%	2.091%
102	9.013	9.000	9.033	VV	2266	39147	0.31%	0.013%
103	9.062	9.033	9.101	VV	3882	79384	0.64%	0.026%
104	9.116	9.101	9.153	VV	1605	36122	0.29%	0.012%
105	9.169	9.153	9.182	VV	1370	19544	0.16%	0.006%
106	9.203	9.182	9.229	VV	3358	51666	0.41%	0.017%
107	9.266	9.229	9.311	VV	1270	52075	0.42%	0.017%
108	9.350	9.311	9.416	VV	9530	159561	1.28%	0.053%
109	9.437	9.416	9.461	VV	1152	19522	0.16%	0.006%
110	9.495	9.461	9.513	VV	1208	21105	0.17%	0.007%
111	9.531	9.513	9.563	VV	901	17385	0.14%	0.006%
112	9.580	9.563	9.601	VV	1217	17531	0.14%	0.006%
113	9.634	9.601	9.664	VV	1239	28180	0.23%	0.009%
114	9.718	9.664	9.786	VV	591783	6347146	50.79%	2.090%
115	9.796	9.786	9.836	VV	2565	62096	0.50%	0.020%
116	9.861	9.836	9.884	VV	2624	52635	0.42%	0.017%
117	9.930	9.884	10.011	VV	4356	128692	1.03%	0.042%
118	10.044	10.011	10.054	VV	1518	26182	0.21%	0.009%
119	10.084	10.054	10.100	VV	1516	39897	0.32%	0.013%
120	10.134	10.100	10.186	VV	568803	6454992	51.65%	2.125%
121	10.199	10.186	10.280	VV	1466	48925	0.39%	0.016%
122	10.304	10.280	10.336	VV	675	11921	0.10%	0.004%
123	10.346	10.336	10.361	VV	187	2255	0.02%	0.001%
124	10.406	10.361	10.428	VV	748	11152	0.09%	0.004%
125	10.479	10.428	10.495	VV	1142	23381	0.19%	0.008%
126	10.521	10.495	10.549	VV	4177	65997	0.53%	0.022%

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127	10.574	10.549	10.588	VV	1736	25298	0.20%	0.008%
128	10.608	10.588	10.630	VV	2048	3396		
129	10.645	10.630	10.654	VV	1096	1279		
130	10.666	10.654	10.696	VV	1456	1922		
131	10.718	10.696	10.748	VV	938	1756		
132	10.775	10.748	10.834	VV	2384	60579	0.48%	0.020%
133	10.873	10.834	10.904	VV	11140	160676	1.29%	0.053%
134	10.929	10.904	11.040	VV	7642	182998	1.46%	0.060%
135	11.128	11.040	11.170	VV	581946	6535449	52.30%	2.152%
136	11.203	11.170	11.311	VV	553140	6349983	50.81%	2.091%
137	11.328	11.311	11.361	VV	1969	39814	0.32%	0.013%
138	11.381	11.361	11.401	VV	4108	54528	0.44%	0.018%
139	11.421	11.401	11.461	VV	3950	67529	0.54%	0.022%
140	11.511	11.461	11.544	VV	1573	42281	0.34%	0.014%
141	11.581	11.544	11.633	VV	541354	6567031	52.55%	2.162%
142	11.666	11.633	11.708	VV	4265	88215	0.71%	0.029%
143	11.732	11.708	11.753	VV	930	14326	0.11%	0.005%
144	11.776	11.753	11.800	VV	1027	15342	0.12%	0.005%
145	11.821	11.800	11.845	VV	785	11832	0.09%	0.004%
146	11.896	11.845	11.946	VV	591906	6677664	53.43%	2.199%
147	11.963	11.946	11.996	VV	5468	85123	0.68%	0.028%
148	12.045	11.996	12.065	VV	5810	112119	0.90%	0.037%
149	12.079	12.065	12.094	VV	3728	45063	0.36%	0.015%
150	12.110	12.094	12.162	VV	3834	59372	0.48%	0.020%
151	12.185	12.162	12.207	PV	836	13002	0.10%	0.004%
152	12.249	12.207	12.271	VV	8273	119601	0.96%	0.039%
153	12.300	12.271	12.374	VV	61833	787026	6.30%	0.259%
154	12.403	12.374	12.448	VV	2399	32934	0.26%	0.011%
155	12.494	12.448	12.533	VV	14330	174611	1.40%	0.057%
156	12.545	12.533	12.560	VV	921	12103	0.10%	0.004%
157	12.582	12.560	12.622	VV	2984	54246	0.43%	0.018%
158	12.631	12.622	12.641	VV	818	8777	0.07%	0.003%
159	12.659	12.641	12.693	VV	1134	25474	0.20%	0.008%
160	12.718	12.693	12.758	VV	3877	62781	0.50%	0.021%
161	12.783	12.758	12.808	PV	2742	36230	0.29%	0.012%
162	12.832	12.808	12.852	VV	4246	56363	0.45%	0.019%
163	12.893	12.852	12.921	VV	539875	6489420	51.93%	2.137%
164	12.953	12.921	13.063	VV	596262	6959688	55.69%	2.291%
165	13.084	13.063	13.099	VV	1404	16819	0.13%	0.006%
166	13.135	13.099	13.156	VV	7736	104527	0.84%	0.034%
167	13.164	13.156	13.213	VV	1661	28245	0.23%	0.009%
168	13.253	13.213	13.284	PV	600358	6725660	53.82%	2.214%
169	13.338	13.284	13.361	VV	486484	8696805	69.59%	2.863%
170	13.378	13.361	13.403	VV	125186	1529475	12.24%	0.504%
171	13.412	13.403	13.438	VV	10639	144326	1.15%	0.048%
172	13.451	13.438	13.470	VV	3162	44441	0.36%	0.015%
173	13.506	13.470	13.537	VV	489503	6158452	49.28%	2.028%
174	13.558	13.537	13.628	VV	25538	381486	3.05%	0.126%

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175	13.647	13.628	13.681	VV	2299	42321	0.34%	0.014%
176	13.713	13.681	13.791	VV	4028	11267		
177	13.841	13.791	13.875	VV	8892	17584		
178	13.884	13.875	13.914	VV	1395	2748		
179	13.946	13.914	13.969	VV	6007	10232		
180	13.987	13.969	14.009	VV	4694	69445	0.56%	0.023%
181	14.031	14.009	14.058	VV	2690	57805	0.46%	0.019%
182	14.094	14.058	14.140	VV	490638	6156391	49.26%	2.027%
183	14.156	14.140	14.179	VV	3889	60909	0.49%	0.020%
184	14.206	14.179	14.248	VV	1670	53561	0.43%	0.018%
185	14.261	14.248	14.278	VV	1119	16608	0.13%	0.005%
186	14.318	14.278	14.341	VV	1205	36107	0.29%	0.012%
187	14.375	14.341	14.383	VV	2033	34034	0.27%	0.011%
188	14.393	14.383	14.415	VV	2051	27927	0.22%	0.009%
189	14.425	14.415	14.441	VV	806	10161	0.08%	0.003%
190	14.456	14.441	14.469	VV	881	11478	0.09%	0.004%
191	14.530	14.469	14.559	VV	4452	123038	0.98%	0.041%
192	14.578	14.559	14.628	VV	5648	97898	0.78%	0.032%
193	14.656	14.628	14.691	VV	6753	116812	0.93%	0.038%
194	14.712	14.691	14.730	VV	3900	58520	0.47%	0.019%
195	14.755	14.730	14.793	VV	6155	119457	0.96%	0.039%
196	14.817	14.793	14.842	VV	8522	121088	0.97%	0.040%
197	14.881	14.842	14.924	VV	5610	112327	0.90%	0.037%
198	14.941	14.924	14.964	VV	789	11438	0.09%	0.004%
199	15.004	14.964	15.045	VV	1897	37391	0.30%	0.012%
200	15.085	15.045	15.096	PV	2312	27340	0.22%	0.009%
201	15.139	15.096	15.158	VV	430856	6320002	50.57%	2.081%
202	15.184	15.158	15.270	VV	632655	12497133	100.00%	4.115%
203	15.293	15.270	15.346	VV	7959	171020	1.37%	0.056%
204	15.380	15.346	15.414	VV	2338	60611	0.48%	0.020%
205	15.440	15.414	15.458	VV	3209	49502	0.40%	0.016%
206	15.472	15.458	15.518	VV	2248	50457	0.40%	0.017%
207	15.596	15.518	15.689	VV	14133	461909	3.70%	0.152%
208	15.718	15.689	15.746	VV	6572	99011	0.79%	0.033%
209	15.804	15.746	15.828	VV	7225	173129	1.39%	0.057%
210	15.845	15.828	15.873	VV	3000	42910	0.34%	0.014%
211	15.893	15.873	15.918	VV	1167	19785	0.16%	0.007%
212	15.968	15.918	16.005	VV	3634	109825	0.88%	0.036%
213	16.044	16.005	16.069	VV	2038	35713	0.29%	0.012%
214	16.130	16.069	16.153	VV	1763	35288	0.28%	0.012%
215	16.225	16.153	16.265	VV	413689	5865947	46.94%	1.931%
216	16.284	16.265	16.308	VV	800	14894	0.12%	0.005%
217	16.314	16.308	16.372	VV	556	11542	0.09%	0.004%
218	16.439	16.372	16.460	PV	1252	50439	0.40%	0.017%
219	16.481	16.460	16.497	VV	1808	25498	0.20%	0.008%
220	16.515	16.497	16.534	VV	1079	20500	0.16%	0.007%
221	16.558	16.534	16.568	VV	965	15652	0.13%	0.005%

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222	16.614	16.568	16.655	VV	3303	104340	0.83%	0.034%
223	16.705	16.655	16.720	VV	410097	715526		
224	16.737	16.720	16.807	VV	515188	654654		
225	16.829	16.807	16.852	VV	7664	12586		
226	16.864	16.852	16.903	VV	2509	5537		
227	16.920	16.903	16.932	VV	974	15093	0.12%	0.005%
228	16.948	16.932	16.960	VV	1261	15112	0.12%	0.005%
229	17.019	16.960	17.043	VV	23232	403493	3.23%	0.133%
230	17.085	17.043	17.134	VV	459826	6570167	52.57%	2.163%
231	17.175	17.134	17.211	VV	415170	5995593	47.98%	1.974%
232	17.221	17.211	17.271	VV	5363	126373	1.01%	0.042%
233	17.323	17.271	17.363	VV	2777	114803	0.92%	0.038%
234	17.382	17.363	17.397	VV	1393	25115	0.20%	0.008%
235	17.444	17.397	17.516	VV	3376	139173	1.11%	0.046%
236	17.580	17.516	17.592	PV	2813	62226	0.50%	0.020%
237	17.622	17.592	17.651	VV	6772	122933	0.98%	0.040%
238	17.664	17.651	17.678	VV	369	4097	0.03%	0.001%
239	17.736	17.678	17.761	PV	2391	46283	0.37%	0.015%
240	17.784	17.761	17.821	VV	1040	15551	0.12%	0.005%
241	17.856	17.821	17.863	PV	761	14021	0.11%	0.005%
242	17.956	17.863	17.981	VV	5163	108818	0.87%	0.036%
243	18.068	17.981	18.116	VV	383063	5915814	47.34%	1.948%
244	18.155	18.116	18.179	VV	4795	86482	0.69%	0.028%
245	18.205	18.179	18.219	VV	3110	57687	0.46%	0.019%
246	18.231	18.219	18.274	VV	2521	51492	0.41%	0.017%
247	18.290	18.274	18.309	VV	718	10769	0.09%	0.004%
248	18.381	18.309	18.410	PV	4866	168659	1.35%	0.056%
249	18.464	18.410	18.481	VV	344735	6631570	53.06%	2.183%
250	18.501	18.481	18.563	VV	397499	7040438	56.34%	2.318%
251	18.586	18.563	18.610	VV	13974	356362	2.85%	0.117%
252	18.625	18.610	18.676	VV	11639	346237	2.77%	0.114%
253	18.726	18.676	18.821	VV	381825	6704632	53.65%	2.208%
254	18.844	18.821	18.859	VV	10091	199721	1.60%	0.066%
255	18.900	18.859	18.970	VV	397730	6190504	49.54%	2.038%
256	18.996	18.970	19.023	VV	8723	209046	1.67%	0.069%
257	19.045	19.023	19.079	VV	6515	187291	1.50%	0.062%
258	19.091	19.079	19.101	VV	4540	58081	0.46%	0.019%
259	19.216	19.101	19.237	VV	6055	433660	3.47%	0.143%
260	19.294	19.237	19.350	VV	16032	663642	5.31%	0.219%
261	19.402	19.350	19.434	VV	8170	362052	2.90%	0.119%
262	19.494	19.434	19.514	VV	7684	325894	2.61%	0.107%
263	19.686	19.514	19.724	VV	390415	6975154	55.81%	2.297%
264	19.737	19.724	19.762	VV	16268	340618	2.73%	0.112%
265	19.795	19.762	19.826	VV	17826	600841	4.81%	0.198%
266	19.872	19.826	19.904	VV	19623	816448	6.53%	0.269%
267	19.940	19.904	19.978	VV	21838	874811	7.00%	0.288%
268	19.985	19.978	19.994	VV	19124	190667	1.53%	0.063%
269	20.055	19.994	20.088	VV	22884	1155860	9.25%	0.381%

Instrument :

FID_E

ClientSampleId :

TR-05-103123MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/06/2023

						Instrument : FID_E ClientSampleId : TR-05-103123MSD		
270	20.248	20.088	20.278	VV	31369	2774471	22.20%	0.913%
271	20.297	20.278	20.308	VV	27153	47258	Manual IntegrationsAPPROVED	
272	20.319	20.308	20.368	VV	26791	89103		
273	20.429	20.368	20.468	VV	366919	732974		
274	20.580	20.468	20.663	VV	45084	415417		
275	20.787	20.663	20.878	VV	44416	4719776	37.77%	1.554%
276	20.898	20.878	20.915	VV	33291	739655	5.92%	0.244%
277	21.005	20.915	21.038	VV	34362	2449303	19.60%	0.806%
278	21.074	21.038	21.083	VV	33903	897432	7.18%	0.295%
279	21.092	21.083	21.101	VV	33919	360507	2.88%	0.119%
280	21.170	21.101	21.222	VV	322872	7946239	63.58%	2.616%
281	21.363	21.222	21.527	VV	30691	4662398	37.31%	1.535%
282	21.605	21.527	21.644	VV	25991	1578891	12.63%	0.520%
283	21.652	21.644	21.783	VV	25137	1480892	11.85%	0.488%
284	21.916	21.783	22.002	VV	16627	1717373	13.74%	0.565%
285	22.091	22.002	22.278	VV	222217	7137239	57.11%	2.350%
286	22.296	22.278	22.313	VV	982	11945	0.10%	0.004%
Sum of corrected areas:						303719504		

Aliphatic EPH 101223.M Thu Nov 02 01:29:50 2023