

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061022AL\
 Data File : FC060184.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jun 2022 10:22
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2022
 Supervised By :Ankita Jodhani 06/13/2022

Integration File: autoint1.e
 Quant Time: Jun 10 23:03:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.646	2789722	17.926 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
12) S 1-chlorooctadecane (S...	12.015	2235985	18.034 ug/ml
Spiked Amount 50.000		Recovery =	36.07%
Target Compounds			
1) T n-Nonane (C9)	2.625	2287970	17.877 ug/ml
2) T n-Decane (C10)	3.625	2308751	18.047 ug/ml
3) T A~Naphthalene (C11.7)	5.165	2588392	17.908 ug/ml
4) T n-Dodecane (C12)	5.577	2438695	18.294 ug/ml
5) T A~2-methylnaphthalene...	6.189	2665389	18.160 ug/ml
6) T n-Tetradecane (C14)	7.328	2492122	18.255 ug/ml
7) T n-Hexadecane (C16)	8.892	2574987	18.352 ug/ml
8) T n-Octadecane (C18)	10.301	2625104	18.343 ug/ml
10) T n-Eicosane (C20)	11.579	2608057	18.280 ug/ml
11) T n-Heneicosane (C21)	12.178	2593040	18.090 ug/ml
13) T n-Docosane (C22)	12.750	2644745	18.560 ug/mlm
14) T n-Tetracosane (C24)	13.827	2629756	18.740 ug/ml
15) T n-Hexacosane (C26)	14.825	2533543	18.709 ug/ml
16) T n-Octacosane (C28)	15.753	2547388	19.560 ug/ml
17) T n-Tricontane (C30)	16.618	2564270	20.946 ug/ml
18) T n-Dotriacontane (C32)	17.432	2420642	21.711 ug/ml
19) T n-Tetratriacontane (C34)	18.198	2152705	21.106 ug/ml
20) T n-Hexatriacontane (C36)	18.918	1929380	20.374 ug/ml
21) T n-Octatriacontane (C38)	19.601	1823106	19.760 ug/ml
22) T n-Tetracontane (C40)	20.249	1821546	19.360 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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