

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022322AL\
 Data File : FC058432.D
 Signal(s) : FID1A.CH
 Acq On : 23 Feb 2022 20:55
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/24/2022
 Supervised By :Ankita Jodhani 02/24/2022

Integration File: autoint1.e
 Quant Time: Feb 23 22:55:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.391	2914152	20.008 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
12) S 1-chlorooctadecane (S...	12.825	2272267	20.046 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
Target Compounds			
1) T n-Nonane (C9)	3.246	2403907	19.990 ug/ml
2) T n-Decane (C10)	4.295	2382838	20.024 ug/ml
3) T A~Naphthalene (C11.7)	5.854	2650249	20.421 ug/ml
4) T n-Dodecane (C12)	6.289	2465116	20.039 ug/ml
5) T A~2-methylnaphthalene...	6.899	2651770	20.340 ug/ml
6) T n-Tetradecane (C14)	8.067	2513897	20.062 ug/ml
7) T n-Hexadecane (C16)	9.654	2583292	20.060 ug/ml
8) T n-Octadecane (C18)	11.086	2638778	20.052 ug/ml
10) T n-Eicosane (C20)	12.385	2622829	19.946 ug/ml
11) T n-Heneicosane (C21)	12.994	2634088	19.931 ug/ml
13) T n-Docosane (C22)	13.576	2599460	19.939 ug/ml
14) T n-Tetracosane (C24)	14.671	2552953	19.770 ug/ml
15) T n-Hexacosane (C26)	15.686	2463473	19.915 ug/ml
16) T n-Octacosane (C28)	16.631	2362329	19.846 ug/ml
17) T n-Tricontane (C30)	17.513	2257940	20.059 ug/ml
18) T n-Dotriacontane (C32)	18.341	2115375	19.672 ug/mlm
19) T n-Tetratriacontane (C34)	19.123	1959467	20.224 ug/ml
20) T n-Hexatriacontane (C36)	19.859	1811639	20.081 ug/ml
21) T n-Octatriacontane (C38)	20.563	1724861	19.821 ug/ml
22) T n-Tetracontane (C40)	21.388	1673129	19.938 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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