

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060822AL\
 Data File : FC060168.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jun 2022 20:59
 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 06/09/2022
 Supervised By :Ankita Jodhani 06/09/2022

Integration File: autoint1.e
 Quant Time: Jun 09 02:03:49 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)	10.647	2988205	19.202 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
12) S 1-chlorooctadecane (S...	12.016	2409702	19.435 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	2.629	2464818	19.258 ug/ml
2) T n-Decane (C10)	3.626	2517528	19.679 ug/ml
3) T A~Naphthalene (C11.7)	5.165	2845272	19.685 ug/ml
4) T n-Dodecane (C12)	5.578	2643866	19.833 ug/ml
5) T A~2-methylnaphthalene...	6.189	2864206	19.515 ug/ml
6) T n-Tetradecane (C14)	7.328	2711133	19.860 ug/ml
7) T n-Hexadecane (C16)	8.892	2788258	19.872 ug/ml
8) T n-Octadecane (C18)	10.300	2837155	19.825 ug/ml
10) T n-Eicosane (C20)	11.580	2817567	19.749 ug/ml
11) T n-Heneicosane (C21)	12.178	2798009	19.520 ug/ml
13) T n-Docosane (C22)	12.750	2847388	19.982 ug/mlm
14) T n-Tetracosane (C24)	13.829	2809819	20.023 ug/mlm
15) T n-Hexacosane (C26)	14.827	2731601	20.172 ug/ml
16) T n-Octacosane (C28)	15.755	2725612	20.928 ug/ml
17) T n-Tricontane (C30)	16.620	2730148	22.300 ug/ml
18) T n-Dotriacontane (C32)	17.433	2545589	22.831 ug/ml
19) T n-Tetratriacontane (C34)	18.199	2267635	22.233 ug/ml
20) T n-Hexatriacontane (C36)	18.919	2050362	21.651 ug/mlm
21) T n-Octatriacontane (C38)	19.604	1944981	21.081 ug/mlm
22) T n-Tetracontane (C40)	20.250	1950282	20.729 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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