

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090523AL\
 Data File : FC064490.D
 Signal(s) : FID1A.ch
 Acq On : 05 Sep 2023 10:06
 Operator : YP/AJ
 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 09/06/2023
 Supervised By :Ankita Jodhani 09/06/2023

Integration File: autoint1.e
 Quant Time: Sep 05 10:38:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.513	3949164	18.602 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
12) S 1-chlorooctadecane (S...	12.947	2870854	18.829 ug/ml
Spiked Amount 50.000		Recovery =	37.66%
Target Compounds			
1) T n-Nonane (C9)	3.305	3338019	18.913 ug/ml
2) T n-Decane (C10)	4.365	3405348	19.412 ug/ml
3) T A~Naphthalene (C11.7)	5.944	3621495	19.475 ug/ml
4) T n-Dodecane (C12)	6.376	3465886	19.445 ug/ml
5) T A~2-methylnaphthalene...	6.997	3509092	19.726 ug/ml
6) T n-Tetradecane (C14)	8.165	3404373	19.514 ug/ml
7) T n-Hexadecane (C16)	9.762	3414428	19.758 ug/ml
8) T n-Octadecane (C18)	11.199	3378064	19.295 ug/ml
10) T n-Eicosane (C20)	12.505	3206994	18.958 ug/ml
11) T n-Heneicosane (C21)	13.115	3150283	18.875 ug/ml
13) T n-Docosane (C22)	13.698	3075587	18.856 ug/ml
14) T n-Tetracosane (C24)	14.799	2952911	18.543 ug/ml
15) T n-Hexacosane (C26)	15.817	2834180	18.344 ug/ml
16) T n-Octacosane (C28)	16.761	2734796	18.472 ug/ml
17) T n-Tricontane (C30)	17.644	2732676	18.708 ug/ml
18) T n-Dotriacontane (C32)	18.474	2702079	19.129 ug/ml
19) T n-Tetratriacontane (C34)	19.257	2612712	19.554 ug/mlm
20) T n-Hexatriacontane (C36)	19.994	2599630	20.316 ug/ml
21) T n-Octatriacontane (C38)	20.715	2554210	20.800 ug/ml
22) T n-Tetracontane (C40)	21.599	2566257	22.098 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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