

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112522AL\
 Data File : FC062277.D
 Signal(s) : FID1A.ch
 Acq On : 25 Nov 2022 11:58
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2022
 Supervised By :Ankita Jodhani 11/28/2022

Integration File: autoint1.e
 Quant Time: Nov 28 00:17:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:12:05 2022
 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)	11.597	2600000	19.048 ug/ml
Spiked Amount	50.000	Recovery	= 38.10%
12) S 1-chlorooctadecane (S...	13.036	2000784	19.683 ug/ml
Spiked Amount	50.000	Recovery	= 39.37%
Target Compounds			
1) T n-Nonane (C9)	3.340	2779471	19.970 ug/ml
2) T n-Decane (C10)	4.411	2806154	20.741 ug/ml
3) T A~Naphthalene (C11.7)	6.001	2875209	19.626 ug/ml
4) T n-Dodecane (C12)	6.436	2770615	20.739 ug/ml
5) T A~2-methylnaphthalene...	7.061	2755803	20.550 ug/ml
6) T n-Tetradecane (C14)	8.235	2676961	20.507 ug/ml
7) T n-Hexadecane (C16)	9.837	2636657	20.337 ug/ml
8) T n-Octadecane (C18)	11.281	2581952	20.221 ug/ml
10) T n-Eicosane (C20)	12.592	2499862	20.565 ug/ml
11) T n-Heneicosane (C21)	13.203	2456421	20.381 ug/ml
13) T n-Docosane (C22)	13.789	2411321	20.455 ug/ml
14) T n-Tetracosane (C24)	14.892	2341922	20.353 ug/ml
15) T n-Hexacosane (C26)	15.914	2294540	20.593 ug/ml
16) T n-Octacosane (C28)	16.863	2278282	20.779 ug/ml
17) T n-Tricontane (C30)	17.750	2418431	22.084 ug/ml
18) T n-Dotriacontane (C32)	18.582	2491304	22.556 ug/ml
19) T n-Tetratriacontane (C34)	19.366	2396015	21.914 ug/ml
20) T n-Hexatriacontane (C36)	20.105	2361311	22.531 ug/ml
21) T n-Octatriacontane (C38)	20.849	2262330	21.859 ug/ml
22) T n-Tetracontane (C40)	21.776	2190495	21.339 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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