

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102422AL\
 Data File : FC061879.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2022 10:25
 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 10/25/2022
 Supervised By :Ankita Jodhani 10/25/2022

Integration File: autoint1.e
 Quant Time: Oct 25 04:41:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.584	3048321	20.508 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
12) S 1-chlorooctadecane (S...	13.020	2390266	20.517 ug/ml
Spiked Amount 50.000		Recovery =	41.03%
Target Compounds			
1) T n-Nonane (C9)	3.348	2828083	20.106 ug/ml
2) T n-Decane (C10)	4.414	2886913	20.224 ug/ml
3) T A~Naphthalene (C11.7)	5.997	3119519	20.210 ug/ml
4) T n-Dodecane (C12)	6.428	2928187	20.171 ug/ml
5) T A~2-methylnaphthalene...	7.052	3058522	20.162 ug/ml
6) T n-Tetradecane (C14)	8.225	2942874	20.245 ug/ml
7) T n-Hexadecane (C16)	9.825	2974412	20.425 ug/ml
8) T n-Octadecane (C18)	11.267	2969560	20.545 ug/ml
10) T n-Eicosane (C20)	12.576	2908256	20.606 ug/ml
11) T n-Heneicosane (C21)	13.188	2868783	20.675 ug/ml
13) T n-Docosane (C22)	13.774	2820334	20.573 ug/ml
14) T n-Tetracosane (C24)	14.876	2695848	20.403 ug/ml
15) T n-Hexacosane (C26)	15.896	2570673	20.401 ug/ml
16) T n-Octacosane (C28)	16.846	2463155	20.423 ug/ml
17) T n-Tricontane (C30)	17.732	2516784	21.152 ug/ml
18) T n-Dotriacontane (C32)	18.564	2528392	21.459 ug/ml
19) T n-Tetratriacontane (C34)	19.346	2404283	21.282 ug/ml
20) T n-Hexatriacontane (C36)	20.085	2369920	20.897 ug/ml
21) T n-Octatriacontane (C38)	20.822	2341785	20.812 ug/mlm
22) T n-Tetracontane (C40)	21.732	2200858	19.604 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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