

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102722AL\
 Data File : FC061979.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2022 03:00
 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 10/28/2022
 Supervised By :Ankita Jodhani 10/28/2022

Integration File: autoint1.e
 Quant Time: Oct 28 06:15:57 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)	11.588	3120424	20.993 ug/ml
Spiked Amount 50.000		Recovery =	41.99%
12) S 1-chlorooctadecane (S...	13.024	2458371	21.102 ug/ml
Spiked Amount 50.000		Recovery =	42.20%
Target Compounds			
1) T n-Nonane (C9)	3.350	2866104	20.376 ug/ml
2) T n-Decane (C10)	4.417	2945910	20.637 ug/ml
3) T A~Naphthalene (C11.7)	6.003	3178091	20.590 ug/ml
4) T n-Dodecane (C12)	6.433	3011366	20.744 ug/ml
5) T A~2-methylnaphthalene...	7.058	3147347	20.748 ug/ml
6) T n-Tetradecane (C14)	8.229	3029916	20.844 ug/ml
7) T n-Hexadecane (C16)	9.829	3059357	21.008 ug/ml
8) T n-Octadecane (C18)	11.271	3047860	21.087 ug/ml
10) T n-Eicosane (C20)	12.579	2974100	21.072 ug/ml
11) T n-Heneicosane (C21)	13.191	2925203	21.082 ug/ml
13) T n-Docosane (C22)	13.777	2867167	20.914 ug/ml
14) T n-Tetracosane (C24)	14.879	2729414	20.657 ug/ml
15) T n-Hexacosane (C26)	15.899	2613088	20.738 ug/ml
16) T n-Octacosane (C28)	16.848	2541663	21.074 ug/ml
17) T n-Tricontane (C30)	17.736	2654112	22.307 ug/ml
18) T n-Dotriacontane (C32)	18.567	2699013	22.908 ug/ml
19) T n-Tetratriacontane (C34)	19.351	2546446	22.540 ug/ml
20) T n-Hexatriacontane (C36)	20.090	2514043	22.168 ug/ml
21) T n-Octatriacontane (C38)	20.825	2521797	22.412 ug/ml
22) T n-Tetracontane (C40)	21.742	2338137	20.826 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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