

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050823AL\
 Data File : FC063573.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2023 09:06
 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 05/09/2023
 Supervised By :Ankita Jodhani 05/09/2023

Integration File: autoint1.e
 Quant Time: May 09 02:32:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 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)	11.527	4239097	22.625 ug/ml
Spiked Amount 50.000		Recovery =	45.25%
12) S 1-chlorooctadecane (S...	12.963	2988242	22.820 ug/ml
Spiked Amount 50.000		Recovery =	45.64%
Target Compounds			
1) T n-Nonane (C9)	3.299	3685388	23.019 ug/ml
2) T n-Decane (C10)	4.362	3744871	23.143 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3941610	23.215 ug/ml
4) T n-Dodecane (C12)	6.380	3753815	23.060 ug/ml
5) T A~2-methylnaphthalene...	7.002	3810666	23.560 ug/ml
6) T n-Tetradecane (C14)	8.174	3666001	23.213 ug/ml
7) T n-Hexadecane (C16)	9.773	3693955	23.026 ug/ml
8) T n-Octadecane (C18)	11.213	3688746	23.032 ug/ml
10) T n-Eicosane (C20)	12.520	3470911	22.878 ug/ml
11) T n-Heneicosane (C21)	13.131	3371594	23.007 ug/ml
13) T n-Docosane (C22)	13.716	3312356	22.955 ug/ml
14) T n-Tetracosane (C24)	14.816	3301013	23.467 ug/ml
15) T n-Hexacosane (C26)	15.834	3261595	23.882 ug/ml
16) T n-Octacosane (C28)	16.782	3186990	24.095 ug/ml
17) T n-Tricontane (C30)	17.666	3205207	23.837 ug/ml
18) T n-Dotriacontane (C32)	18.497	3104010	23.247 ug/ml
19) T n-Tetratriacontane (C34)	19.279	2938348	22.636 ug/ml
20) T n-Hexatriacontane (C36)	20.014	2800472	22.614 ug/mlm
21) T n-Octatriacontane (C38)	20.740	2811915	22.503 ug/ml
22) T n-Tetracontane (C40)	21.633	2836525	23.074 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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