

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031924AL\
 Data File : FC066056.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2024 09:56
 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 03/20/2024
 Supervised By :Ankita Jodhani 03/20/2024

Integration File: autoint1.e
 Quant Time: Mar 20 11:29:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 2024
 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)	11.474	3850913	19.705 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
12) S 1-chlorooctadecane (S...	12.901	2860718	19.622 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T n-Nonane (C9)	3.278	3350394	20.054 ug/ml
2) T n-Decane (C10)	4.338	3426694	19.758 ug/ml
3) T A~Naphthalene (C11.7)	5.929	3653897	20.361 ug/ml
4) T n-Dodecane (C12)	6.348	3495045	19.833 ug/ml
5) T A~2-methylnaphthalene...	6.985	3363592	19.747 ug/ml
6) T n-Tetradecane (C14)	8.135	3328479	19.141 ug/ml
7) T n-Hexadecane (C16)	9.727	3421081	19.150 ug/ml
8) T n-Octadecane (C18)	11.158	3491772	19.210 ug/ml
10) T n-Eicosane (C20)	12.459	3413923	19.551 ug/ml
11) T n-Heneicosane (C21)	13.066	3390763	19.557 ug/ml
13) T n-Docosane (C22)	13.648	3463090	20.136 ug/ml
14) T n-Tetracosane (C24)	14.742	3558561	20.835 ug/ml
15) T n-Hexacosane (C26)	15.755	3596351	21.357 ug/ml
16) T n-Octacosane (C28)	16.698	3701051	22.260 ug/ml
17) T n-Tricontane (C30)	17.579	3920497	22.962 ug/ml
18) T n-Dotriacontane (C32)	18.407	3857324	22.882 ug/ml
19) T n-Tetratriacontane (C34)	19.183	3689118	22.509 ug/ml
20) T n-Hexatriacontane (C36)	19.920	3495481	21.985 ug/mlm
21) T n-Octatriacontane (C38)	20.628	3398075	21.694 ug/ml
22) T n-Tetracontane (C40)	21.485	3321367	21.003 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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