

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031924AL\
 Data File : FC066052.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2024 01:44
 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 03:16:14 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	3854539	19.723 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
12) S 1-chlorooctadecane (S...	12.902	2869942	19.686 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
Target Compounds			
1) T n-Nonane (C9)	3.278	3364097	20.136 ug/ml
2) T n-Decane (C10)	4.338	3464078	19.973 ug/ml
3) T A~Naphthalene (C11.7)	5.928	3677763	20.494 ug/ml
4) T n-Dodecane (C12)	6.348	3523723	19.996 ug/ml
5) T A~2-methylnaphthalene...	6.985	3389199	19.897 ug/ml
6) T n-Tetradecane (C14)	8.135	3343648	19.228 ug/ml
7) T n-Hexadecane (C16)	9.727	3431272	19.207 ug/ml
8) T n-Octadecane (C18)	11.159	3499509	19.253 ug/ml
10) T n-Eicosane (C20)	12.458	3380094	19.357 ug/ml
11) T n-Heneicosane (C21)	13.065	3394387	19.578 ug/ml
13) T n-Docosane (C22)	13.648	3464347	20.143 ug/ml
14) T n-Tetracosane (C24)	14.743	3554016	20.808 ug/ml
15) T n-Hexacosane (C26)	15.756	3598022	21.367 ug/ml
16) T n-Octacosane (C28)	16.699	3695918	22.230 ug/ml
17) T n-Tricontane (C30)	17.580	3911878	22.911 ug/ml
18) T n-Dotriacontane (C32)	18.404	3889525	23.073 ug/mlm
19) T n-Tetratriacontane (C34)	19.184	3703100	22.594 ug/ml
20) T n-Hexatriacontane (C36)	19.919	3479906	21.887 ug/mlm
21) T n-Octatriacontane (C38)	20.628	3348739	21.379 ug/ml
22) T n-Tetracontane (C40)	21.484	3330118	21.058 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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