

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022124AL\
 Data File : FC065803.D
 Signal(s) : FID1A.ch
 Acq On : 21 Feb 2024 12:15
 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 02/22/2024
 Supervised By :Ankita Jodhani 02/22/2024

Integration File: autoint1.e
 Quant Time: Feb 22 03:29:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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)	11.498	3371298	19.654 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
12) S 1-chlorooctadecane (S...	12.928	2499952	19.865 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T n-Nonane (C9)	3.288	2953077	19.656 ug/ml
2) T n-Decane (C10)	4.351	3072583	20.209 ug/ml
3) T A~Naphthalene (C11.7)	5.937	3288494	21.325 ug/ml
4) T n-Dodecane (C12)	6.365	3051059	19.935 ug/ml
5) T A~2-methylnaphthalene...	6.992	3009056	21.131 ug/ml
6) T n-Tetradecane (C14)	8.155	2976699	20.050 ug/ml
7) T n-Hexadecane (C16)	9.748	3046313	20.313 ug/ml
8) T n-Octadecane (C18)	11.184	3065455	19.873 ug/ml
10) T n-Eicosane (C20)	12.487	2965334	19.719 ug/ml
11) T n-Heneicosane (C21)	13.095	2939611	19.655 ug/ml
13) T n-Docosane (C22)	13.678	2933999	19.780 ug/ml
14) T n-Tetracosane (C24)	14.775	2974841	20.008 ug/ml
15) T n-Hexacosane (C26)	15.791	2990235	20.178 ug/ml
16) T n-Octacosane (C28)	16.735	3069628	20.920 ug/ml
17) T n-Tricontane (C30)	17.619	3329083	22.177 ug/ml
18) T n-Dotriacontane (C32)	18.448	3366840	22.767 ug/ml
19) T n-Tetratriacontane (C34)	19.226	3236217	22.328 ug/ml
20) T n-Hexatriacontane (C36)	19.962	3021321	21.285 ug/mlm
21) T n-Octatriacontane (C38)	20.678	2934101	20.728 ug/mlm
22) T n-Tetracontane (C40)	21.552	2828000	20.274 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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