

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010224AL\
 Data File : FC065548.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jan 2024 20:05
 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 01/03/2024
 Supervised By :Ankita Jodhani 01/03/2024

Integration File: autoint1.e
 Quant Time: Jan 03 01:33:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 12:39:13 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)	11.495	4805512	20.999 ug/ml
Spiked Amount 50.000		Recovery =	42.00%
12) S 1-chlorooctadecane (S...	12.927	3398072	20.789 ug/ml
Spiked Amount 50.000		Recovery =	41.58%
Target Compounds			
1) T n-Nonane (C9)	3.291	4109504	20.667 ug/ml
2) T n-Decane (C10)	4.352	4206847	20.984 ug/ml
3) T A~Naphthalene (C11.7)	5.934	4334693	21.568 ug/ml
4) T n-Dodecane (C12)	6.363	4268703	20.881 ug/ml
5) T A~2-methylnaphthalene...	6.989	4085395	20.925 ug/ml
6) T n-Tetradecane (C14)	8.152	4160511	20.768 ug/ml
7) T n-Hexadecane (C16)	9.747	4165993	20.812 ug/ml
8) T n-Octadecane (C18)	11.181	4104903	20.859 ug/ml
10) T n-Eicosane (C20)	12.484	3917425	20.896 ug/ml
11) T n-Heneicosane (C21)	13.094	3820321	20.946 ug/ml
13) T n-Docosane (C22)	13.677	3759754	20.838 ug/ml
14) T n-Tetracosane (C24)	14.774	3645486	20.235 ug/ml
15) T n-Hexacosane (C26)	15.790	3510554	20.266 ug/ml
16) T n-Octacosane (C28)	16.736	3443303	20.078 ug/ml
17) T n-Tricontane (C30)	17.620	3546540	20.250 ug/ml
18) T n-Dotriacontane (C32)	18.449	3528723	20.230 ug/ml
19) T n-Tetratriacontane (C34)	19.228	3411528	20.618 ug/ml
20) T n-Hexatriacontane (C36)	19.965	3292938	20.395 ug/mlm
21) T n-Octatriacontane (C38)	20.683	3151925	19.874 ug/ml
22) T n-Tetracontane (C40)	21.557	2977230	18.692 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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