

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022624AL\
 Data File : FC065858.D
 Signal(s) : FID1A.ch
 Acq On : 26 Feb 2024 13:39
 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 02/27/2024
 Supervised By :Ankita Jodhani 02/27/2024

Integration File: autoint1.e
 Quant Time: Feb 27 02:23:24 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	3477726	20.274 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
12) S 1-chlorooctadecane (S...	12.929	2613276	20.765 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
Target Compounds			
1) T n-Nonane (C9)	3.287	2977209	19.817 ug/ml
2) T n-Decane (C10)	4.351	3117292	20.503 ug/ml
3) T A~Naphthalene (C11.7)	5.938	3335472	21.629 ug/ml
4) T n-Dodecane (C12)	6.364	3130645	20.455 ug/ml
5) T A~2-methylnaphthalene...	6.994	3101354	21.779 ug/ml
6) T n-Tetradecane (C14)	8.154	3076166	20.720 ug/ml
7) T n-Hexadecane (C16)	9.749	3183133	21.226 ug/ml
8) T n-Octadecane (C18)	11.184	3216824	20.854 ug/ml
10) T n-Eicosane (C20)	12.487	3121054	20.755 ug/ml
11) T n-Heneicosane (C21)	13.096	3076955	20.574 ug/ml
13) T n-Docosane (C22)	13.679	3028516	20.418 ug/mlm
14) T n-Tetracosane (C24)	14.776	3125812	21.023 ug/ml
15) T n-Hexacosane (C26)	15.790	3124837	21.087 ug/ml
16) T n-Octacosane (C28)	16.735	3212758	21.896 ug/ml
17) T n-Tricontane (C30)	17.617	3510293	23.384 ug/ml
18) T n-Dotriacontane (C32)	18.446	3557531	24.056 ug/ml
19) T n-Tetratriacontane (C34)	19.225	3362237	23.197 ug/ml
20) T n-Hexatriacontane (C36)	19.962	3144188	22.151 ug/ml
21) T n-Octatriacontane (C38)	20.678	3027601	21.389 ug/ml
22) T n-Tetracontane (C40)	21.550	2892936	20.740 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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