

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022024AL\
 Data File : FC065790.D
 Signal(s) : FID1A.ch
 Acq On : 20 Feb 2024 10:21
 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 02/21/2024
 Supervised By :Ankita Jodhani 02/21/2024

Integration File: autoint1.e
 Quant Time: Feb 21 00:38:03 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	3308292	19.287 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
12) S 1-chlorooctadecane (S...	12.930	2435881	19.356 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
Target Compounds			
1) T n-Nonane (C9)	3.288	2905832	19.342 ug/ml
2) T n-Decane (C10)	4.352	3008109	19.785 ug/ml
3) T A~Naphthalene (C11.7)	5.937	3197300	20.733 ug/ml
4) T n-Dodecane (C12)	6.365	2986451	19.513 ug/ml
5) T A~2-methylnaphthalene...	6.992	3008740	21.129 ug/ml
6) T n-Tetradecane (C14)	8.155	2915316	19.636 ug/ml
7) T n-Hexadecane (C16)	9.749	2976185	19.846 ug/ml
8) T n-Octadecane (C18)	11.185	2994533	19.413 ug/ml
10) T n-Eicosane (C20)	12.487	2872852	19.104 ug/ml
11) T n-Heneicosane (C21)	13.096	2853448	19.079 ug/ml
13) T n-Docosane (C22)	13.680	2856912	19.261 ug/ml
14) T n-Tetracosane (C24)	14.777	2887455	19.420 ug/ml
15) T n-Hexacosane (C26)	15.792	2886288	19.477 ug/ml
16) T n-Octacosane (C28)	16.738	2942608	20.055 ug/ml
17) T n-Tricontane (C30)	17.620	3153890	21.010 ug/ml
18) T n-Dotriacontane (C32)	18.449	3182733	21.522 ug/ml
19) T n-Tetratriacontane (C34)	19.227	3062553	21.130 ug/mlm
20) T n-Hexatriacontane (C36)	19.965	2892332	20.376 ug/mlm
21) T n-Octatriacontane (C38)	20.683	2822916	19.943 ug/mlm
22) T n-Tetracontane (C40)	21.552	2714525	19.461 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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