

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050323AL\
 Data File : FC063542.D
 Signal(s) : FID1A.ch
 Acq On : 04 May 2023 02:57
 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 05/04/2023
 Supervised By :Ankita Jodhani 05/04/2023

Integration File: autoint1.e
 Quant Time: May 04 05:29:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:33:18 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)	11.532	3455208	21.833 ug/ml
Spiked Amount 50.000		Recovery =	43.67%
12) S 1-chlorooctadecane (S...	12.968	2527558	23.403 ug/ml
Spiked Amount 50.000		Recovery =	46.81%
Target Compounds			
1) T n-Nonane (C9)	3.297	2940976	22.321 ug/ml
2) T n-Decane (C10)	4.365	2985307	22.499 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3151313	23.115 ug/ml
4) T n-Dodecane (C12)	6.383	2992528	22.583 ug/ml
5) T A~2-methylnaphthalene...	7.007	3015037	23.534 ug/ml
6) T n-Tetradecane (C14)	8.178	2944965	22.941 ug/ml
7) T n-Hexadecane (C16)	9.778	3010285	22.671 ug/ml
8) T n-Octadecane (C18)	11.216	3121575	22.925 ug/ml
10) T n-Eicosane (C20)	12.525	3003635	22.848 ug/ml
11) T n-Heneicosane (C21)	13.135	2892776	22.331 ug/ml
13) T n-Docosane (C22)	13.720	2856424	22.138 ug/ml
14) T n-Tetracosane (C24)	14.822	2899177	22.167 ug/ml
15) T n-Hexacosane (C26)	15.840	2927184	22.718 ug/ml
16) T n-Octacosane (C28)	16.788	2855668	22.434 ug/ml
17) T n-Tricontane (C30)	17.673	2851582	21.915 ug/ml
18) T n-Dotriacontane (C32)	18.504	2828409	21.950 ug/ml
19) T n-Tetratriacontane (C34)	19.283	2904190	23.175 ug/mlm
20) T n-Hexatriacontane (C36)	20.019	2581991	21.805 ug/mlm
21) T n-Octatriacontane (C38)	20.749	2448220	20.951 ug/ml
22) T n-Tetracontane (C40)	21.642	2085909	18.395 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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