

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061024AL\
 Data File : FC066566.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jun 2024 09:03
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/11/2024
 Supervised By :Ankita Jodhani 06/11/2024

Integration File: autoint1.e
 Quant Time: Jun 10 23:25:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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)	11.554	3366922	22.151 ug/ml
Spiked Amount 50.000		Recovery =	44.30%
12) S 1-chlorooctadecane (S...	12.991	2506629	21.936 ug/ml
Spiked Amount 50.000		Recovery =	43.87%
Target Compounds			
1) T n-Nonane (C9)	3.306	3082602	22.026 ug/ml
2) T n-Decane (C10)	4.374	3184575	22.133 ug/ml
3) T A~Naphthalene (C11.7)	5.961	3487451	21.885 ug/ml
4) T n-Dodecane (C12)	6.396	3187872	22.139 ug/ml
5) T A~2-methylnaphthalene...	7.018	3347152	21.825 ug/ml
6) T n-Tetradecane (C14)	8.192	3124184	22.130 ug/ml
7) T n-Hexadecane (C16)	9.795	3188458	22.186 ug/ml
8) T n-Octadecane (C18)	11.238	3182978	22.242 ug/ml
10) T n-Eicosane (C20)	12.547	3024397	22.228 ug/ml
11) T n-Heneicosane (C21)	13.159	2957826	22.189 ug/ml
13) T n-Docosane (C22)	13.745	2945450	22.348 ug/ml
14) T n-Tetracosane (C24)	14.848	2917873	22.415 ug/ml
15) T n-Hexacosane (C26)	15.868	2854123	22.442 ug/ml
16) T n-Octacosane (C28)	16.818	2849640	22.953 ug/ml
17) T n-Tricontane (C30)	17.706	2967764	23.549 ug/ml
18) T n-Dotriacontane (C32)	18.539	2938374	23.874 ug/ml
19) T n-Tetratriacontane (C34)	19.323	2793142	23.291 ug/mlm
20) T n-Hexatriacontane (C36)	20.062	2648802	21.863 ug/ml
21) T n-Octatriacontane (C38)	20.795	2515135	21.742 ug/mlm
22) T n-Tetracontane (C40)	21.706	2405699	19.639 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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