

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040124AL\
 Data File : FE047399.D
 Signal(s) : FID1B.ch
 Acq On : 01 Apr 2024 12:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :Ankita Jodhani 04/02/2024

Integration File: autoint1.e
 Quant Time: Apr 02 03:01:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:31:33 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)	11.985	3384855	21.614 ug/ml
Spiked Amount 50.000		Recovery =	43.23%
12) S 1-chlorooctadecane (S...	13.417	2606950	21.495 ug/ml
Spiked Amount 50.000		Recovery =	42.99%
Target Compounds			
1) T n-Nonane (C9)	3.365	3013964	20.639 ug/ml
2) T n-Decane (C10)	4.617	3164883	21.231 ug/ml
3) T A~Naphthalene (C11.7)	6.325	3335543	21.500 ug/ml
4) T n-Dodecane (C12)	6.784	3198475	21.387 ug/ml
5) T A~2-methylnaphthalene...	7.422	3235959	21.623 ug/ml
6) T n-Tetradecane (C14)	8.612	3158264	21.413 ug/ml
7) T n-Hexadecane (C16)	10.220	3245577	21.443 ug/ml
8) T n-Octadecane (C18)	11.663	3268714	21.514 ug/ml
10) T n-Eicosane (C20)	12.972	3138253	21.570 ug/ml
11) T n-Heneicosane (C21)	13.583	3083855	21.577 ug/ml
13) T n-Docosane (C22)	14.169	3067436	21.609 ug/ml
14) T n-Tetracosane (C24)	15.270	3063743	21.733 ug/ml
15) T n-Hexacosane (C26)	16.291	3043816	21.889 ug/ml
16) T n-Octacosane (C28)	17.238	3022112	22.117 ug/ml
17) T n-Tricontane (C30)	18.124	3100607	22.332 ug/ml
18) T n-Dotriacontane (C32)	18.956	3095436	22.441 ug/ml
19) T n-Tetratriacontane (C34)	19.738	3061935	22.342 ug/mlm
20) T n-Hexatriacontane (C36)	20.474	3194689	23.393 ug/mlm
21) T n-Octatriacontane (C38)	21.218	3222891	23.250 ug/ml
22) T n-Tetracontane (C40)	22.147	3226067	22.519 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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