

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113023AL\
 Data File : FE045604.D
 Signal(s) : FID1B.ch
 Acq On : 30 Nov 2023 20:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :Ankita Jodhani 12/01/2023

Integration File: autoint1.e
 Quant Time: Nov 30 23:27:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.862	3975531	19.011 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
12) S 1-chlorooctadecane (S...	13.306	2966749	18.855 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
Target Compounds			
1) T n-Nonane (C9)	3.251	3134372	19.766 ug/ml
2) T n-Decane (C10)	4.502	3179712	19.857 ug/ml
3) T A~Naphthalene (C11.7)	6.201	3476556	19.958 ug/ml
4) T n-Dodecane (C12)	6.668	3232025	20.009 ug/ml
5) T A~2-methylnaphthalene...	7.297	3401598	20.031 ug/ml
6) T n-Tetradecane (C14)	8.495	3208112	19.998 ug/ml
7) T n-Hexadecane (C16)	10.104	3282029	19.820 ug/ml
8) T n-Octadecane (C18)	11.550	3332212	19.436 ug/ml
10) T n-Eicosane (C20)	12.861	3274254	18.924 ug/ml
11) T n-Heneicosane (C21)	13.475	3231919	18.787 ug/ml
13) T n-Docosane (C22)	14.062	3202897	18.576 ug/ml
14) T n-Tetracosane (C24)	15.166	3154435	18.069 ug/ml
15) T n-Hexacosane (C26)	16.190	3059945	17.570 ug/ml
16) T n-Octacosane (C28)	17.141	2950936	17.074 ug/ml
17) T n-Tricontane (C30)	18.030	2903851	16.598 ug/ml
18) T n-Dotriacontane (C32)	18.864	3101307	16.999 ug/ml
19) T n-Tetratriacontane (C34)	19.649	2810393	16.937 ug/ml
20) T n-Hexatriacontane (C36)	20.390	2623995	16.530 ug/mlm
21) T n-Octatriacontane (C38)	21.126	2719966	17.345 ug/ml
22) T n-Tetracontane (C40)	22.028	2557939	17.999 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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