

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121223AL\
 Data File : FE045772.D
 Signal(s) : FID1B.ch
 Acq On : 12 Dec 2023 13:03
 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 12/13/2023
 Supervised By :Ankita Jodhani 12/13/2023

Integration File: autoint1.e
 Quant Time: Dec 12 22:36:51 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)	11.850	3913070	18.712 ug/ml
Spiked Amount 50.000		Recovery =	37.42%
12) S 1-chlorooctadecane (S...	13.293	2892360	18.382 ug/ml
Spiked Amount 50.000		Recovery =	36.76%
Target Compounds			
1) T n-Nonane (C9)	3.237	3185981	20.091 ug/mlm
2) T n-Decane (C10)	4.489	3281724	20.494 ug/ml
3) T A~Naphthalene (C11.7)	6.190	3563070	20.455 ug/ml
4) T n-Dodecane (C12)	6.656	3324988	20.585 ug/ml
5) T A~2-methylnaphthalene...	7.286	3461412	20.383 ug/ml
6) T n-Tetradecane (C14)	8.483	3302713	20.587 ug/ml
7) T n-Hexadecane (C16)	10.092	3357462	20.275 ug/ml
8) T n-Octadecane (C18)	11.537	3366660	19.636 ug/ml
10) T n-Eicosane (C20)	12.849	3243984	18.749 ug/ml
11) T n-Heneicosane (C21)	13.461	3169358	18.423 ug/ml
13) T n-Docosane (C22)	14.048	3142971	18.228 ug/ml
14) T n-Tetracosane (C24)	15.153	3112192	17.827 ug/ml
15) T n-Hexacosane (C26)	16.176	3041191	17.463 ug/ml
16) T n-Octacosane (C28)	17.128	3047775	17.634 ug/ml
17) T n-Tricontane (C30)	18.018	3153579	18.026 ug/ml
18) T n-Dotriacontane (C32)	18.851	3167853	17.364 ug/mlm
19) T n-Tetratriacontane (C34)	19.639	3022785	18.217 ug/ml
20) T n-Hexatriacontane (C36)	20.382	2907954	18.319 ug/ml
21) T n-Octatriacontane (C38)	21.115	2888466	18.419 ug/ml
22) T n-Tetracontane (C40)	22.019	2986949	21.018 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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