

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012224AL\
 Data File : FE046334.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jan 2024 12:31
 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 :Ankita Jodhani 01/23/2024
 Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e
 Quant Time: Jan 23 00:32:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.827	4252151	23.399 ug/ml
Spiked Amount 50.000		Recovery =	46.80%
12) S 1-chlorooctadecane (S...	13.269	3120943	23.359 ug/ml
Spiked Amount 50.000		Recovery =	46.72%
Target Compounds			
1) T n-Nonane (C9)	3.212	3308371	21.617 ug/ml
2) T n-Decane (C10)	4.463	3420023	22.037 ug/ml
3) T A~Naphthalene (C11.7)	6.167	3638014	21.875 ug/ml
4) T n-Dodecane (C12)	6.631	3460860	22.166 ug/ml
5) T A~2-methylnaphthalene...	7.263	3497619	21.968 ug/ml
6) T n-Tetradecane (C14)	8.457	3466896	22.256 ug/ml
7) T n-Hexadecane (C16)	10.067	3573210	22.564 ug/ml
8) T n-Octadecane (C18)	11.512	3608526	22.927 ug/ml
10) T n-Eicosane (C20)	12.823	3507882	23.188 ug/ml
11) T n-Heneicosane (C21)	13.436	3439655	23.391 ug/ml
13) T n-Docosane (C22)	14.023	3418411	23.386 ug/ml
14) T n-Tetracosane (C24)	15.129	3372041	23.250 ug/ml
15) T n-Hexacosane (C26)	16.153	3274780	22.842 ug/ml
16) T n-Octacosane (C28)	17.105	3222934	22.472 ug/ml
17) T n-Tricontane (C30)	17.995	3356047	22.579 ug/ml
18) T n-Dotriacontane (C32)	18.830	3329946	22.265 ug/ml
19) T n-Tetratriacontane (C34)	19.616	3227920	22.532 ug/ml
20) T n-Hexatriacontane (C36)	20.360	3040954	20.857 ug/ml
21) T n-Octatriacontane (C38)	21.090	3388984	22.983 ug/ml
22) T n-Tetracontane (C40)	21.985	3319811	21.209 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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