

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011924AL\
 Data File : FE046327.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jan 2024 01:22
 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 01/22/2024
 Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e
 Quant Time: Jan 20 01:45:46 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	4257540	23.428 ug/ml
Spiked Amount 50.000		Recovery =	46.86%
12) S 1-chlorooctadecane (S...	13.270	3120318	23.354 ug/ml
Spiked Amount 50.000		Recovery =	46.71%
Target Compounds			
1) T n-Nonane (C9)	3.213	3180329	20.780 ug/ml
2) T n-Decane (C10)	4.464	3421531	22.046 ug/ml
3) T A~Naphthalene (C11.7)	6.167	3645756	21.922 ug/ml
4) T n-Dodecane (C12)	6.631	3518096	22.532 ug/ml
5) T A~2-methylnaphthalene...	7.264	3560414	22.363 ug/ml
6) T n-Tetradecane (C14)	8.459	3530812	22.666 ug/ml
7) T n-Hexadecane (C16)	10.067	3646105	23.025 ug/ml
8) T n-Octadecane (C18)	11.513	3669714	23.316 ug/ml
10) T n-Eicosane (C20)	12.824	3528880	23.327 ug/ml
11) T n-Heneicosane (C21)	13.437	3445176	23.428 ug/ml
13) T n-Docosane (C22)	14.025	3392379	23.208 ug/ml
14) T n-Tetracosane (C24)	15.129	3319091	22.885 ug/ml
15) T n-Hexacosane (C26)	16.154	3217401	22.442 ug/ml
16) T n-Octacosane (C28)	17.105	3204570	22.344 ug/ml
17) T n-Tricontane (C30)	17.996	3444294	23.173 ug/ml
18) T n-Dotriacontane (C32)	18.833	3486247	23.310 ug/ml
19) T n-Tetratriacontane (C34)	19.618	3471871	24.235 ug/ml
20) T n-Hexatriacontane (C36)	20.362	3187649	21.863 ug/ml
21) T n-Octatriacontane (C38)	21.090	3595001	24.380 ug/mlm
22) T n-Tetracontane (C40)	21.987	3258968	20.821 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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