

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083024AL\
 Data File : FE049820.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2024 13:03
 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 09/03/2024
 Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e
 Quant Time: Aug 31 01:30:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 Qlast Update : Wed Aug 14 11:05:17 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)	11.881	2689171	16.629 ug/ml
Spiked Amount 50.000		Recovery =	33.26%
12) S 1-chlorooctadecane (S...	13.316	2035451	16.683 ug/ml
Spiked Amount 50.000		Recovery =	33.37%
Target Compounds			
1) T n-Nonane (C9)	3.270	2510723	16.224 ug/ml
2) T n-Decane (C10)	4.520	2557887	16.200 ug/mlm
3) T A~Naphthalene (C11.7)	6.228	2603667	16.227 ug/ml
4) T n-Dodecane (C12)	6.688	2578908	16.404 ug/ml
5) T A~2-methylnaphthalene...	7.324	2461249	16.435 ug/ml
6) T n-Tetradecane (C14)	8.514	2538121	16.441 ug/ml
7) T n-Hexadecane (C16)	10.120	2590962	16.589 ug/ml
8) T n-Octadecane (C18)	11.562	2619932	16.682 ug/ml
10) T n-Eicosane (C20)	12.871	2505262	16.779 ug/ml
11) T n-Heneicosane (C21)	13.482	2449089	16.695 ug/ml
13) T n-Docosane (C22)	14.067	2433123	16.694 ug/ml
14) T n-Tetracosane (C24)	15.168	2515120	17.290 ug/ml
15) T n-Hexacosane (C26)	16.188	2500195	17.323 ug/ml
16) T n-Octacosane (C28)	17.137	2580294	17.914 ug/ml
17) T n-Tricontane (C30)	18.024	2748183	18.357 ug/ml
18) T n-Dotriacontane (C32)	18.853	2817750	18.626 ug/ml
19) T n-Tetratriacontane (C34)	19.636	2773549	18.142 ug/ml
20) T n-Hexatriacontane (C36)	20.375	2640075	17.386 ug/ml
21) T n-Octatriacontane (C38)	21.103	2610081	16.630 ug/ml
22) T n-Tetracontane (C40)	21.994	2473611	16.201 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

