

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041023AL\
 Data File : FE041276.D
 Signal(s) : FID1B.ch
 Acq On : 10 Apr 2023 15:38
 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 04/11/2023
 Supervised By :Ankita Jodhani 04/11/2023

Integration File: autoint1.e
 Quant Time: Apr 10 16:23:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.836	3097862	16.483 ug/ml
Spiked Amount 50.000		Recovery =	32.97%
12) S 1-chlorooctadecane (S...	13.275	2377090	16.521 ug/ml
Spiked Amount 50.000		Recovery =	33.04%
Target Compounds			
1) T n-Nonane (C9)	3.236	2681541	15.454 ug/ml
2) T n-Decane (C10)	4.484	2725124	16.010 ug/ml
3) T A~Naphthalene (C11.7)	6.187	2918088	15.954 ug/ml
4) T n-Dodecane (C12)	6.648	2799331	16.138 ug/ml
5) T A~2-methylnaphthalene...	7.282	2721870	16.435 ug/ml
6) T n-Tetradecane (C14)	8.474	2820693	16.177 ug/ml
7) T n-Hexadecane (C16)	10.080	2913409	16.381 ug/ml
8) T n-Octadecane (C18)	11.522	2955802	16.554 ug/ml
10) T n-Eicosane (C20)	12.830	2873716	16.847 ug/ml
11) T n-Heneicosane (C21)	13.442	2849037	16.840 ug/ml
13) T n-Docosane (C22)	14.028	2840199	17.163 ug/ml
14) T n-Tetracosane (C24)	15.132	2876684	17.781 ug/ml
15) T n-Hexacosane (C26)	16.154	2810576	18.131 ug/ml
16) T n-Octacosane (C28)	17.103	2895627	18.903 ug/ml
17) T n-Tricontane (C30)	17.993	3009344	19.688 ug/ml
18) T n-Dotriacontane (C32)	18.826	3099699	19.854 ug/mlm
19) T n-Tetratriacontane (C34)	19.612	2966790	19.144 ug/mlm
20) T n-Hexatriacontane (C36)	20.353	2770542	18.239 ug/ml
21) T n-Octatriacontane (C38)	21.076	2749965	17.603 ug/mlm
22) T n-Tetracontane (C40)	21.953	2763068	17.312 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

