

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042023AL\
 Data File : FE041453.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 10:53
 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 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File: autoint1.e
 Quant Time: Apr 21 01:37:23 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)	11.833	3604775	19.180 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
12) S 1-chlorooctadecane (S...	13.272	2873322	19.970 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
Target Compounds			
1) T n-Nonane (C9)	3.229	3220574	18.561 ug/ml
2) T n-Decane (C10)	4.477	3222910	18.934 ug/ml
3) T A~Naphthalene (C11.7)	6.180	3569381	19.514 ug/ml
4) T n-Dodecane (C12)	6.642	3297917	19.012 ug/ml
5) T A~2-methylnaphthalene...	7.276	3371839	20.360 ug/ml
6) T n-Tetradecane (C14)	8.468	3334111	19.121 ug/ml
7) T n-Hexadecane (C16)	10.075	3426249	19.265 ug/ml
8) T n-Octadecane (C18)	11.517	3451023	19.328 ug/ml
10) T n-Eicosane (C20)	12.828	3316883	19.445 ug/ml
11) T n-Heneicosane (C21)	13.439	3274471	19.354 ug/ml
13) T n-Docosane (C22)	14.026	3209917	19.397 ug/ml
14) T n-Tetracosane (C24)	15.130	3255832	20.124 ug/ml
15) T n-Hexacosane (C26)	16.153	3013147	19.438 ug/ml
16) T n-Octacosane (C28)	17.104	3037916	19.832 ug/ml
17) T n-Tricontane (C30)	17.994	3136072	20.517 ug/ml
18) T n-Dotriacontane (C32)	18.829	3206576	20.538 ug/mlm
19) T n-Tetratriacontane (C34)	19.614	3278347	21.155 ug/ml
20) T n-Hexatriacontane (C36)	20.357	3054095	20.106 ug/mlm
21) T n-Octatriacontane (C38)	21.081	3286067	21.035 ug/mlm
22) T n-Tetracontane (C40)	21.959	3221725	20.186 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

