

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041123AL\
 Data File : FE041316.D
 Signal(s) : FID1B.ch
 Acq On : 11 Apr 2023 21:44
 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 04/12/2023
 Supervised By :Ankita Jodhani 04/12/2023

Integration File: autoint1.e
 Quant Time: Apr 12 00:21:41 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	3291871	17.516 ug/ml
Spiked Amount 50.000		Recovery =	35.03%
12) S 1-chlorooctadecane (S...	13.275	2582376	17.948 ug/ml
Spiked Amount 50.000		Recovery =	35.90%
Target Compounds			
1) T n-Nonane (C9)	3.235	2806459	16.174 ug/ml
2) T n-Decane (C10)	4.483	2857523	16.787 ug/ml
3) T A~Naphthalene (C11.7)	6.186	3115954	17.036 ug/ml
4) T n-Dodecane (C12)	6.647	2926441	16.871 ug/ml
5) T A~2-methylnaphthalene...	7.282	2928481	17.683 ug/ml
6) T n-Tetradecane (C14)	8.473	2973850	17.055 ug/ml
7) T n-Hexadecane (C16)	10.079	3074051	17.284 ug/ml
8) T n-Octadecane (C18)	11.521	3137389	17.571 ug/ml
10) T n-Eicosane (C20)	12.831	3067455	17.983 ug/ml
11) T n-Heneicosane (C21)	13.442	3038716	17.961 ug/ml
13) T n-Docosane (C22)	14.029	3076512	18.591 ug/ml
14) T n-Tetracosane (C24)	15.133	3161353	19.540 ug/ml
15) T n-Hexacosane (C26)	16.155	3158141	20.373 ug/ml
16) T n-Octacosane (C28)	17.106	3300076	21.544 ug/ml
17) T n-Tricontane (C30)	17.996	3479497	22.763 ug/ml
18) T n-Dotriacontane (C32)	18.830	3585220	22.963 ug/mlm
19) T n-Tetratriacontane (C34)	19.614	3392171	21.889 ug/mlm
20) T n-Hexatriacontane (C36)	20.355	3120844	20.546 ug/mlm
21) T n-Octatriacontane (C38)	21.080	3020058	19.332 ug/mlm
22) T n-Tetracontane (C40)	21.958	3096163	19.399 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

