

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112123AL\
 Data File : FE045471.D
 Signal(s) : FID1B.ch
 Acq On : 21 Nov 2023 12:29
 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 11/22/2023
 Supervised By :Ankita Jodhani 11/22/2023

Integration File: autoint1.e
 Quant Time: Nov 21 22:51:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.870	3687296	19.313 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
12) S 1-chlorooctadecane (S...	13.313	2567877	18.643 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
Target Compounds			
1) T n-Nonane (C9)	3.258	3177588	19.235 ug/ml
2) T n-Decane (C10)	4.509	3252013	19.394 ug/ml
3) T A~Naphthalene (C11.7)	6.209	3394377	19.016 ug/ml
4) T n-Dodecane (C12)	6.676	3239786	19.183 ug/ml
5) T A~2-methylnaphthalene...	7.305	3224756	18.779 ug/ml
6) T n-Tetradecane (C14)	8.502	3175494	19.053 ug/ml
7) T n-Hexadecane (C16)	10.112	3209769	19.083 ug/ml
8) T n-Octadecane (C18)	11.557	3204232	19.145 ug/ml
10) T n-Eicosane (C20)	12.868	3046605	19.233 ug/ml
11) T n-Heneicosane (C21)	13.480	2950100	19.187 ug/ml
13) T n-Docosane (C22)	14.069	2964534	19.566 ug/ml
14) T n-Tetracosane (C24)	15.172	3014952	20.356 ug/mlm
15) T n-Hexacosane (C26)	16.197	3053133	20.947 ug/ml
16) T n-Octacosane (C28)	17.148	3196166	21.872 ug/ml
17) T n-Tricontane (C30)	18.038	3425029	22.548 ug/ml
18) T n-Dotriacontane (C32)	18.872	3537945	22.647 ug/ml
19) T n-Tetratriacontane (C34)	19.658	3251854	20.827 ug/ml
20) T n-Hexatriacontane (C36)	20.400	3200966	19.720 ug/ml
21) T n-Octatriacontane (C38)	21.133	3122620	18.795 ug/mlm
22) T n-Tetracontane (C40)	22.043	2864839	16.772 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

