

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111723AL\
 Data File : FE045442.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2023 01:21
 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 11/20/2023
 Supervised By :Ankita Jodhani 11/20/2023

Integration File: autoint1.e
 Quant Time: Nov 18 02:24:54 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)	11.874	3674268	19.244 ug/ml
Spiked Amount 50.000		Recovery =	38.49%
12) S 1-chlorooctadecane (S...	13.316	2667165	19.364 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
Target Compounds			
1) T n-Nonane (C9)	3.261	3205239	19.402 ug/ml
2) T n-Decane (C10)	4.512	3275249	19.533 ug/ml
3) T A~Naphthalene (C11.7)	6.211	3458629	19.376 ug/ml
4) T n-Dodecane (C12)	6.677	3286838	19.462 ug/ml
5) T A~2-methylnaphthalene...	7.307	3312812	19.292 ug/ml
6) T n-Tetradecane (C14)	8.505	3235398	19.412 ug/ml
7) T n-Hexadecane (C16)	10.114	3269919	19.440 ug/ml
8) T n-Octadecane (C18)	11.561	3238905	19.352 ug/ml
10) T n-Eicosane (C20)	12.872	3082741	19.461 ug/ml
11) T n-Heneicosane (C21)	13.485	2974784	19.347 ug/ml
13) T n-Docosane (C22)	14.072	2985702	19.706 ug/ml
14) T n-Tetracosane (C24)	15.176	3018772	20.382 ug/ml
15) T n-Hexacosane (C26)	16.200	3060918	21.000 ug/ml
16) T n-Octacosane (C28)	17.151	3199999	21.898 ug/ml
17) T n-Tricontane (C30)	18.042	3446802	22.692 ug/ml
18) T n-Dotriacontane (C32)	18.876	3571429	22.861 ug/ml
19) T n-Tetratriacontane (C34)	19.661	3427315	21.951 ug/ml
20) T n-Hexatriacontane (C36)	20.404	3411760	21.019 ug/ml
21) T n-Octatriacontane (C38)	21.141	3637446	21.893 ug/ml
22) T n-Tetracontane (C40)	22.046	3087024	18.073 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

