

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121422AL\
 Data File : FE039316.D
 Signal(s) : FID1B.ch
 Acq On : 14 Dec 2022 23:21
 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 12/15/2022
 Supervised By :Ankita Jodhani 12/15/2022

Integration File: autoint1.e
 Quant Time: Dec 15 02:35:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 2022
 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)	11.940	3226082	20.622 ug/ml
Spiked Amount 50.000		Recovery =	41.24%
12) S 1-chlorooctadecane (S...	13.375	2491942	20.639 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
Target Compounds			
1) T n-Nonane (C9)	3.333	2743813	19.357 ug/ml
2) T n-Decane (C10)	4.583	2701738	19.384 ug/ml
3) T A~Naphthalene (C11.7)	6.286	3122801	19.634 ug/ml
4) T n-Dodecane (C12)	6.747	2769110	19.645 ug/ml
5) T A~2-methylnaphthalene...	7.381	2949472	19.707 ug/ml
6) T n-Tetradecane (C14)	8.573	2842491	19.902 ug/ml
7) T n-Hexadecane (C16)	10.179	2955018	20.211 ug/ml
8) T n-Octadecane (C18)	11.622	3009789	20.454 ug/ml
10) T n-Eicosane (C20)	12.930	2927999	20.625 ug/ml
11) T n-Heneicosane (C21)	13.543	2935707	20.660 ug/mlm
13) T n-Docosane (C22)	14.128	2902632	20.765 ug/ml
14) T n-Tetracosane (C24)	15.230	2888280	20.914 ug/ml
15) T n-Hexacosane (C26)	16.251	2779334	20.693 ug/ml
16) T n-Octacosane (C28)	17.201	2746082	20.679 ug/ml
17) T n-Tricontane (C30)	18.090	2742002	20.763 ug/ml
18) T n-Dotriacontane (C32)	18.922	2762242	20.712 ug/ml
19) T n-Tetratriacontane (C34)	19.708	2697450	20.385 ug/ml
20) T n-Hexatriacontane (C36)	20.447	2609510	20.312 ug/ml
21) T n-Octatriacontane (C38)	21.184	2807308	21.424 ug/ml
22) T n-Tetracontane (C40)	22.104	2629244	19.309 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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