

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082622AL\
 Data File : FE037272.D
 Signal(s) : FID1B.ch
 Acq On : 26 Aug 2022 14:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2022
 Supervised By :Ankita Jodhani 08/29/2022

Integration File: autoint1.e
 Quant Time: Aug 27 02:40:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 27 02:21:03 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)	11.660	3269857	18.920 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
12) S 1-chlorooctadecane (S...	13.083	2533896	18.546 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
Target Compounds			
1) T n-Nonane (C9)	3.054	3055403	20.509 ug/ml
2) T n-Decane (C10)	4.311	3086705	20.607 ug/ml
3) T A~Naphthalene (C11.7)	6.027	3059486	21.134 ug/ml
4) T n-Dodecane (C12)	6.481	3147857	20.362 ug/ml
5) T A~2-methylnaphthalene...	7.119	3010593	21.762 ug/ml
6) T n-Tetradecane (C14)	9.901	3133171	19.920 ug/ml
7) T n-Hexadecane (C16)	9.901	3133171	19.920 ug/ml
8) T n-Octadecane (C18)	11.337	3120323	19.362 ug/ml
10) T n-Eicosane (C20)	12.640	3070602	18.649 ug/ml
11) T n-Heneicosane (C21)	13.249	3036757	18.359 ug/ml
13) T n-Docosane (C22)	13.831	2988108	17.988 ug/ml
14) T n-Tetracosane (C24)	14.929	2863543	17.346 ug/ml
15) T n-Hexacosane (C26)	15.945	2756794	16.908 ug/ml
16) T n-Octacosane (C28)	16.891	2651948	16.702 ug/ml
17) T n-Tricontane (C30)	17.771	2630778	16.938 ug/mlm
18) T n-Dotriacontane (C32)	18.601	2624399	17.594 ug/ml
19) T n-Tetratriacontane (C34)	19.380	2557002	19.030 ug/mlm
20) T n-Hexatriacontane (C36)	20.115	2613129	20.355 ug/ml
21) T n-Octatriacontane (C38)	20.815	2490822	20.749 ug/ml
22) T n-Tetracontane (C40)	21.604	2790146	23.101 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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