

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062223AL\
 Data File : FE042787.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jun 2023 08:35
 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 06/23/2023
 Supervised By :Ankita Jodhani 06/23/2023

Integration File: autoint1.e
 Quant Time: Jun 23 02:24:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.925	3601308	19.604 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
12) S 1-chlorooctadecane (S...	13.362	2679105	19.686 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
Target Compounds			
1) T n-Nonane (C9)	3.304	3025601	19.587 ug/ml
2) T n-Decane (C10)	4.556	3102698	19.643 ug/ml
3) T A~Naphthalene (C11.7)	6.266	3367822	19.890 ug/ml
4) T n-Dodecane (C12)	6.725	3149754	19.678 ug/ml
5) T A~2-methylnaphthalene...	7.363	3229679	19.920 ug/ml
6) T n-Tetradecane (C14)	8.555	3132849	19.685 ug/ml
7) T n-Hexadecane (C16)	10.163	3241011	19.678 ug/ml
8) T n-Octadecane (C18)	11.606	3264393	19.639 ug/ml
10) T n-Eicosane (C20)	12.916	3116135	19.638 ug/ml
11) T n-Heneicosane (C21)	13.528	3040972	19.655 ug/ml
13) T n-Docosane (C22)	14.114	2990088	19.629 ug/ml
14) T n-Tetracosane (C24)	15.218	2916927	19.659 ug/ml
15) T n-Hexacosane (C26)	16.239	2814476	19.687 ug/ml
16) T n-Octacosane (C28)	17.189	2735318	19.722 ug/ml
17) T n-Tricontane (C30)	18.077	2832192	20.026 ug/ml
18) T n-Dotriacontane (C32)	18.909	2832850	20.197 ug/ml
19) T n-Tetratriacontane (C34)	19.693	2750152	20.097 ug/ml
20) T n-Hexatriacontane (C36)	20.433	2644294	19.773 ug/mlm
21) T n-Octatriacontane (C38)	21.178	2640012	19.363 ug/ml
22) T n-Tetracontane (C40)	22.099	2797076	20.104 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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