

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062623AL\
 Data File : FE042910.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jun 2023 08:49
 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 06/27/2023
 Supervised By :Ankita Jodhani 06/27/2023

Integration File: autoint1.e
 Quant Time: Jun 26 13:02:22 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)	11.919	3540814	19.275 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
12) S 1-chlorooctadecane (S...	13.357	2626165	19.297 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
Target Compounds			
1) T n-Nonane (C9)	3.296	3028925	19.608 ug/ml
2) T n-Decane (C10)	4.548	3095698	19.598 ug/ml
3) T A~Naphthalene (C11.7)	6.258	3330871	19.672 ug/ml
4) T n-Dodecane (C12)	6.718	3133245	19.575 ug/ml
5) T A~2-methylnaphthalene...	7.356	3191847	19.686 ug/ml
6) T n-Tetradecane (C14)	8.548	3112957	19.560 ug/ml
7) T n-Hexadecane (C16)	10.156	3221042	19.557 ug/ml
8) T n-Octadecane (C18)	11.600	3236695	19.473 ug/ml
10) T n-Eicosane (C20)	12.910	3074752	19.377 ug/ml
11) T n-Heneicosane (C21)	13.522	2993319	19.347 ug/ml
13) T n-Docosane (C22)	14.108	2945582	19.337 ug/ml
14) T n-Tetracosane (C24)	15.212	2863030	19.296 ug/ml
15) T n-Hexacosane (C26)	16.234	2761506	19.316 ug/ml
16) T n-Octacosane (C28)	17.184	2684593	19.356 ug/ml
17) T n-Tricontane (C30)	18.071	2765988	19.557 ug/ml
18) T n-Dotriacontane (C32)	18.905	2767727	19.733 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2719176	19.870 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2664803	19.926 ug/mlm
21) T n-Octatriacontane (C38)	21.173	2712489	19.895 ug/ml
22) T n-Tetracontane (C40)	22.091	2980893	21.425 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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