

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040823AL\
 Data File : FE041257.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2023 11:52
 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 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
 Quant Time: Apr 10 01:36:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.837	3885675	20.675 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
12) S 1-chlorooctadecane (S...	13.276	2999331	20.846 ug/ml
Spiked Amount 50.000		Recovery =	41.69%
Target Compounds			
1) T n-Nonane (C9)	3.239	3457854	19.928 ug/ml
2) T n-Decane (C10)	4.485	3481358	20.452 ug/ml
3) T A~Naphthalene (C11.7)	6.187	3798018	20.764 ug/ml
4) T n-Dodecane (C12)	6.648	3574268	20.606 ug/ml
5) T A~2-methylnaphthalene...	7.282	3539679	21.373 ug/ml
6) T n-Tetradecane (C14)	8.474	3585845	20.565 ug/ml
7) T n-Hexadecane (C16)	10.081	3681364	20.699 ug/ml
8) T n-Octadecane (C18)	11.522	3720377	20.836 ug/ml
10) T n-Eicosane (C20)	12.832	3587672	21.033 ug/ml
11) T n-Heneicosane (C21)	13.444	3550254	20.984 ug/ml
13) T n-Docosane (C22)	14.030	3520507	21.274 ug/ml
14) T n-Tetracosane (C24)	15.132	3516209	21.734 ug/ml
15) T n-Hexacosane (C26)	16.154	3420038	22.063 ug/ml
16) T n-Octacosane (C28)	17.105	3477109	22.699 ug/ml
17) T n-Tricontane (C30)	17.992	3624271	23.710 ug/ml
18) T n-Dotriacontane (C32)	18.827	3731421	23.900 ug/mlm
19) T n-Tetratriacontane (C34)	19.610	3596867	23.210 ug/mlm
20) T n-Hexatriacontane (C36)	20.351	3402912	22.403 ug/mlm
21) T n-Octatriacontane (C38)	21.075	3434985	21.988 ug/mlm
22) T n-Tetracontane (C40)	21.952	3538585	22.171 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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