

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122623AL\
 Data File : FE045955.D
 Signal(s) : FID1B.ch
 Acq On : 26 Dec 2023 09:16
 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 12/27/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e
 Quant Time: Dec 26 22:26:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.845	4063041	19.430 ug/ml
Spiked Amount 50.000		Recovery =	38.86%
12) S 1-chlorooctadecane (S...	13.289	2995663	19.039 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
Target Compounds			
1) T n-Nonane (C9)	3.228	3332827	21.017 ug/ml
2) T n-Decane (C10)	4.479	3390071	21.170 ug/ml
3) T A~Naphthalene (C11.7)	6.182	3666956	21.051 ug/ml
4) T n-Dodecane (C12)	6.647	3427553	21.220 ug/ml
5) T A~2-methylnaphthalene...	7.278	3574250	21.047 ug/ml
6) T n-Tetradecane (C14)	8.474	3397999	21.181 ug/ml
7) T n-Hexadecane (C16)	10.085	3480307	21.017 ug/ml
8) T n-Octadecane (C18)	11.531	3490862	20.361 ug/ml
10) T n-Eicosane (C20)	12.843	3365751	19.453 ug/ml
11) T n-Heneicosane (C21)	13.457	3297876	19.170 ug/ml
13) T n-Docosane (C22)	14.044	3241492	18.800 ug/ml
14) T n-Tetracosane (C24)	15.151	3154937	18.072 ug/ml
15) T n-Hexacosane (C26)	16.176	3085213	17.715 ug/ml
16) T n-Octacosane (C28)	17.129	3048317	17.637 ug/ml
17) T n-Tricontane (C30)	18.022	3169855	18.119 ug/ml
18) T n-Dotriacontane (C32)	18.856	3183616	17.451 ug/mlm
19) T n-Tetratriacontane (C34)	19.645	3138909	18.917 ug/ml
20) T n-Hexatriacontane (C36)	20.389	3056475	19.255 ug/ml
21) T n-Octatriacontane (C38)	21.126	3433612	21.895 ug/mlm
22) T n-Tetracontane (C40)	22.041	3361353	23.652 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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