

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062923AL\
 Data File : FE042994.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jun 2023 12:16
 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 06/30/2023
 Supervised By :Ankita Jodhani 06/30/2023

Integration File: autoint1.e
 Quant Time: Jun 30 01:20:59 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)	11.910	3595331	19.571 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
12) S 1-chlorooctadecane (S...	13.347	2660806	19.552 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
Target Compounds			
1) T n-Nonane (C9)	3.289	3076559	19.917 ug/ml
2) T n-Decane (C10)	4.541	3149682	19.940 ug/ml
3) T A~Naphthalene (C11.7)	6.250	3388138	20.010 ug/ml
4) T n-Dodecane (C12)	6.711	3196635	19.971 ug/ml
5) T A~2-methylnaphthalene...	7.348	3229785	19.920 ug/ml
6) T n-Tetradecane (C14)	8.541	3186910	20.024 ug/ml
7) T n-Hexadecane (C16)	10.149	3286855	19.957 ug/ml
8) T n-Octadecane (C18)	11.592	3306420	19.892 ug/ml
10) T n-Eicosane (C20)	12.901	3135069	19.757 ug/ml
11) T n-Heneicosane (C21)	13.514	3053817	19.739 ug/ml
13) T n-Docosane (C22)	14.099	2993696	19.653 ug/ml
14) T n-Tetracosane (C24)	15.204	2924964	19.714 ug/ml
15) T n-Hexacosane (C26)	16.224	2833138	19.817 ug/ml
16) T n-Octacosane (C28)	17.173	2809835	20.259 ug/ml
17) T n-Tricontane (C30)	18.061	2975120	21.036 ug/ml
18) T n-Dotriacontane (C32)	18.895	3005991	21.432 ug/ml
19) T n-Tetratriacontane (C34)	19.678	2922235	21.354 ug/ml
20) T n-Hexatriacontane (C36)	20.417	2836655	21.211 ug/mlm
21) T n-Octatriacontane (C38)	21.158	2846969	20.881 ug/ml
22) T n-Tetracontane (C40)	22.075	3100706	22.287 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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