

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081123AL\
 Data File : FE043919.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2023 03:26
 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 08/14/2023
 Supervised By :Ankita Jodhani 08/14/2023

Integration File: autoint1.e
 Quant Time: Aug 12 03:50:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.942	4137491	20.078 ug/ml
Spiked Amount 50.000		Recovery =	40.16%
12) S 1-chlorooctadecane (S...	13.380	3139421	20.118 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
Target Compounds			
1) T n-Nonane (C9)	3.329	3439579	21.300 ug/ml
2) T n-Decane (C10)	4.580	3593756	21.805 ug/ml
3) T A~Naphthalene (C11.7)	6.281	3947033	21.679 ug/ml
4) T n-Dodecane (C12)	6.744	3670886	21.934 ug/ml
5) T A~2-methylnaphthalene...	7.376	3832714	21.529 ug/ml
6) T n-Tetradecane (C14)	8.571	3670567	21.786 ug/ml
7) T n-Hexadecane (C16)	10.179	3781158	21.435 ug/ml
8) T n-Octadecane (C18)	11.625	3794591	20.947 ug/ml
10) T n-Eicosane (C20)	12.936	3611309	20.407 ug/ml
11) T n-Heneicosane (C21)	13.548	3516780	19.862 ug/ml
13) T n-Docosane (C22)	14.135	3489546	19.895 ug/ml
14) T n-Tetracosane (C24)	15.239	3458286	19.683 ug/ml
15) T n-Hexacosane (C26)	16.262	3338155	19.314 ug/ml
16) T n-Octacosane (C28)	17.211	3235626	19.338 ug/ml
17) T n-Tricontane (C30)	18.101	3273260	19.763 ug/ml
18) T n-Dotriacontane (C32)	18.935	3178972	20.134 ug/ml
19) T n-Tetratriacontane (C34)	19.719	3009722	20.254 ug/mlm
20) T n-Hexatriacontane (C36)	20.462	2957963	21.162 ug/ml
21) T n-Octatriacontane (C38)	21.205	2913542	21.840 ug/mlm
22) T n-Tetracontane (C40)	22.131	2980820	23.102 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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