

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081423AL\
 Data File : FE043921.D
 Signal(s) : FID1B.ch
 Acq On : 14 Aug 2023 10:31
 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 08/15/2023
 Supervised By :Ankita Jodhani 08/15/2023

Integration File: autoint1.e
 Quant Time: Aug 14 12:49:19 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)	11.946	3898521	18.918 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
12) S 1-chlorooctadecane (S...	13.383	2916468	18.690 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
Target Compounds			
1) T n-Nonane (C9)	3.333	3222984	19.958 ug/ml
2) T n-Decane (C10)	4.584	3314965	20.113 ug/ml
3) T A~Naphthalene (C11.7)	6.286	3656999	20.086 ug/ml
4) T n-Dodecane (C12)	6.747	3384272	20.221 ug/ml
5) T A~2-methylnaphthalene...	7.381	3533648	19.849 ug/ml
6) T n-Tetradecane (C14)	8.574	3374543	20.029 ug/ml
7) T n-Hexadecane (C16)	10.183	3501835	19.852 ug/ml
8) T n-Octadecane (C18)	11.628	3538006	19.531 ug/ml
10) T n-Eicosane (C20)	12.938	3387115	19.140 ug/ml
11) T n-Heneicosane (C21)	13.551	3315862	18.727 ug/ml
13) T n-Docosane (C22)	14.138	3275264	18.673 ug/ml
14) T n-Tetracosane (C24)	15.243	3193580	18.176 ug/ml
15) T n-Hexacosane (C26)	16.264	3060450	17.707 ug/ml
16) T n-Octacosane (C28)	17.215	2887371	17.257 ug/ml
17) T n-Tricontane (C30)	18.103	2864948	17.297 ug/ml
18) T n-Dotriacontane (C32)	18.938	2755229	17.450 ug/ml
19) T n-Tetratriacontane (C34)	19.722	2731471	18.382 ug/ml
20) T n-Hexatriacontane (C36)	20.464	2636087	18.859 ug/ml
21) T n-Octatriacontane (C38)	21.211	2749207	20.608 ug/mlm
22) T n-Tetracontane (C40)	22.139	2862414	22.184 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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