

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070323AL\
 Data File : FE043069.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jul 2023 01:07
 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 07/05/2023
 Supervised By :Ankita Jodhani 07/05/2023

Integration File: autoint1.e
 Quant Time: Jul 04 07:28:41 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)	11.906	3313686	18.038 ug/ml
Spiked Amount 50.000		Recovery =	36.08%
12) S 1-chlorooctadecane (S...	13.343	2452488	18.021 ug/ml
Spiked Amount 50.000		Recovery =	36.04%
Target Compounds			
1) T n-Nonane (C9)	3.285	2792765	18.080 ug/ml
2) T n-Decane (C10)	4.537	2877733	18.218 ug/ml
3) T A~Naphthalene (C11.7)	6.247	3045159	17.984 ug/ml
4) T n-Dodecane (C12)	6.707	2907065	18.162 ug/ml
5) T A~2-methylnaphthalene...	7.344	2896407	17.864 ug/ml
6) T n-Tetradecane (C14)	8.537	2910963	18.291 ug/ml
7) T n-Hexadecane (C16)	10.144	2996975	18.197 ug/ml
8) T n-Octadecane (C18)	11.588	3018995	18.163 ug/ml
10) T n-Eicosane (C20)	12.897	2881660	18.160 ug/ml
11) T n-Heneicosane (C21)	13.509	2807832	18.149 ug/ml
13) T n-Docosane (C22)	14.096	2765269	18.153 ug/ml
14) T n-Tetracosane (C24)	15.199	2713966	18.291 ug/ml
15) T n-Hexacosane (C26)	16.218	2634132	18.425 ug/ml
16) T n-Octacosane (C28)	17.170	2630789	18.968 ug/ml
17) T n-Tricontane (C30)	18.057	2821266	19.948 ug/ml
18) T n-Dotriacontane (C32)	18.890	2872109	20.477 ug/ml
19) T n-Tetratriacontane (C34)	19.675	2772488	20.260 ug/ml
20) T n-Hexatriacontane (C36)	20.414	2654724	19.850 ug/ml
21) T n-Octatriacontane (C38)	21.155	2658994	19.503 ug/ml
22) T n-Tetracontane (C40)	22.069	2727221	19.602 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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