

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120522AL\
 Data File : FE039119.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2022 13:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2022
 Supervised By :Ankita Jodhani 12/06/2022

Integration File: sample.E
 Quant Time: Dec 05 15:59:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 2022
 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)	11.943	3168857	20.256 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
12) S 1-chlorooctadecane (S...	13.377	2355869	19.512 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
Target Compounds			
1) T n-Nonane (C9)	3.338	2736151	19.303 ug/ml
2) T n-Decane (C10)	4.587	2679751	19.226 ug/ml
3) T A~Naphthalene (C11.7)	6.290	3089159	19.422 ug/ml
4) T n-Dodecane (C12)	6.750	2700851	19.161 ug/ml
5) T A~2-methylnaphthalene...	7.384	2907654	19.428 ug/ml
6) T n-Tetradecane (C14)	8.576	2735913	19.156 ug/ml
7) T n-Hexadecane (C16)	10.182	2832900	19.375 ug/ml
8) T n-Octadecane (C18)	11.623	2909462	19.772 ug/ml
10) T n-Eicosane (C20)	12.932	2859669	20.144 ug/ml
11) T n-Heneicosane (C21)	13.544	2859588	20.124 ug/ml
13) T n-Docosane (C22)	14.130	2854342	20.419 ug/ml
14) T n-Tetracosane (C24)	15.232	2849872	20.636 ug/ml
15) T n-Hexacosane (C26)	16.253	2781224	20.707 ug/ml
16) T n-Octacosane (C28)	17.202	2725993	20.527 ug/ml
17) T n-Tricontane (C30)	18.091	2667750	20.201 ug/ml
18) T n-Dotriacontane (C32)	18.922	2643889	19.824 ug/ml
19) T n-Tetratriacontane (C34)	19.707	2551271	19.281 ug/mlm
20) T n-Hexatriacontane (C36)	20.446	2355402	18.334 ug/mlm
21) T n-Octatriacontane (C38)	21.184	2257604	17.229 ug/ml
22) T n-Tetracontane (C40)	22.102	2128583	15.632 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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