

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102023AL\
 Data File : FE044945.D
 Signal(s) : FID1B.ch
 Acq On : 20 Oct 2023 06:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2023
 Supervised By :Ankita Jodhani 10/23/2023

Integration File: autoint1.e
 Quant Time: Oct 20 12:18:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.900	3636284	18.139 ug/ml
Spiked Amount 50.000		Recovery =	36.28%
12) S 1-chlorooctadecane (S...	13.341	2609988	17.637 ug/ml
Spiked Amount 50.000		Recovery =	35.27%
Target Compounds			
1) T n-Nonane (C9)	3.285	3079465	18.357 ug/ml
2) T n-Decane (C10)	4.536	3229070	18.955 ug/ml
3) T A~Naphthalene (C11.7)	6.237	3426590	18.510 ug/ml
4) T n-Dodecane (C12)	6.702	3240316	18.771 ug/ml
5) T A~2-methylnaphthalene...	7.333	3295869	18.271 ug/ml
6) T n-Tetradecane (C14)	8.529	3177537	18.530 ug/ml
7) T n-Hexadecane (C16)	10.139	3202194	18.312 ug/ml
8) T n-Octadecane (C18)	11.585	3172837	18.191 ug/ml
10) T n-Eicosane (C20)	12.897	3009286	18.016 ug/ml
11) T n-Heneicosane (C21)	13.510	2917952	17.900 ug/ml
13) T n-Docosane (C22)	14.097	2887085	18.050 ug/ml
14) T n-Tetracosane (C24)	15.203	2868574	18.484 ug/ml
15) T n-Hexacosane (C26)	16.226	2834948	18.883 ug/ml
16) T n-Octacosane (C28)	17.178	2928846	19.945 ug/ml
17) T n-Tricontane (C30)	18.067	3206282	21.558 ug/ml
18) T n-Dotriacontane (C32)	18.903	3366397	22.428 ug/ml
19) T n-Tetratriacontane (C34)	19.689	3297074	22.148 ug/ml
20) T n-Hexatriacontane (C36)	20.428	3178991	20.678 ug/mlm
21) T n-Octatriacontane (C38)	21.168	3182812	20.375 ug/ml
22) T n-Tetracontane (C40)	22.085	3189217	19.083 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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