

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111722AL\
 Data File : FE038808.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2022 14:38
 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 11/18/2022
 Supervised By :Ankita Jodhani 11/18/2022

Integration File: autoint1.e
 Quant Time: Nov 18 04:39:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.959	2980584	17.322 ug/ml
Spiked Amount 50.000		Recovery =	34.64%
12) S 1-chlorooctadecane (S...	13.394	2302359	16.818 ug/ml
Spiked Amount 50.000		Recovery =	33.64%
Target Compounds			
1) T n-Nonane (C9)	3.352	2831074	18.382 ug/ml
2) T n-Decane (C10)	4.602	2847590	18.345 ug/ml
3) T A~Naphthalene (C11.7)	6.306	3092548	18.261 ug/ml
4) T n-Dodecane (C12)	6.765	2860014	18.308 ug/ml
5) T A~2-methylnaphthalene...	7.400	3003620	17.923 ug/ml
6) T n-Tetradecane (C14)	8.591	2838513	18.150 ug/ml
7) T n-Hexadecane (C16)	10.197	2844367	18.004 ug/ml
8) T n-Octadecane (C18)	11.640	2839702	17.728 ug/ml
10) T n-Eicosane (C20)	12.949	2784825	17.283 ug/ml
11) T n-Heneicosane (C21)	13.560	2759249	17.082 ug/ml
13) T n-Docosane (C22)	14.146	2733451	16.932 ug/ml
14) T n-Tetracosane (C24)	15.248	2670754	16.651 ug/ml
15) T n-Hexacosane (C26)	16.269	2618447	16.485 ug/ml
16) T n-Octacosane (C28)	17.218	2567713	16.366 ug/ml
17) T n-Tricontane (C30)	18.106	2589825	16.231 ug/mlm
18) T n-Dotriacontane (C32)	18.939	2635654	16.716 ug/ml
19) T n-Tetratriacontane (C34)	19.721	2634073	17.867 ug/mlm
20) T n-Hexatriacontane (C36)	20.463	2759537	19.313 ug/ml
21) T n-Octatriacontane (C38)	21.206	2819927	20.878 ug/ml
22) T n-Tetracontane (C40)	22.131	2901027	22.982 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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