

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110122AL\
 Data File : FE038480.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2022 09:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/02/2022
 Supervised By :Ankita Jodhani 11/02/2022

Integration File: autoint1.e
 Quant Time: Nov 02 07:08:04 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)	11.971	3207986	18.643 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
12) S 1-chlorooctadecane (S...	13.402	2510104	18.335 ug/ml
Spiked Amount 50.000		Recovery =	36.67%
Target Compounds			
1) T n-Nonane (C9)	3.368	3140119	20.389 ug/ml
2) T n-Decane (C10)	4.615	3166092	20.397 ug/ml
3) T A~Naphthalene (C11.7)	6.318	3360662	19.844 ug/ml
4) T n-Dodecane (C12)	6.777	3167005	20.273 ug/ml
5) T A~2-methylnaphthalene...	7.412	3279428	19.569 ug/ml
6) T n-Tetradecane (C14)	8.603	3121780	19.962 ug/ml
7) T n-Hexadecane (C16)	10.208	3095524	19.593 ug/ml
8) T n-Octadecane (C18)	11.650	3070654	19.170 ug/ml
10) T n-Eicosane (C20)	12.959	3010293	18.683 ug/ml
11) T n-Heneicosane (C21)	13.570	2978814	18.441 ug/ml
13) T n-Docosane (C22)	14.156	2947859	18.260 ug/ml
14) T n-Tetracosane (C24)	15.257	2869435	17.889 ug/ml
15) T n-Hexacosane (C26)	16.277	2817230	17.737 ug/ml
16) T n-Octacosane (C28)	17.225	2797099	17.828 ug/ml
17) T n-Tricontane (C30)	18.112	2869717	17.985 ug/ml
18) T n-Dotriacontane (C32)	18.944	2951209	18.718 ug/mlm
19) T n-Tetratriacontane (C34)	19.726	2862523	19.417 ug/mlm
20) T n-Hexatriacontane (C36)	20.464	2940032	20.576 ug/ml
21) T n-Octatriacontane (C38)	21.208	2888877	21.389 ug/ml
22) T n-Tetracontane (C40)	22.138	3153828	24.985 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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