

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100522AL\
 Data File : FE037946.D
 Signal(s) : FID1B.ch
 Acq On : 05 Oct 2022 09:44
 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 10/06/2022
 Supervised By :Ankita Jodhani 10/06/2022

Integration File: sample.E
 Quant Time: Oct 06 05:03:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.608	3461437	20.013 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
12) S 1-chlorooctadecane (S...	13.031	2690339	19.904 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
Target Compounds			
1) T n-Nonane (C9)	3.004	3142321	21.336 ug/ml
2) T n-Decane (C10)	4.261	3209164	21.706 ug/ml
3) T A~Naphthalene (C11.7)	5.978	3084433	22.524 ug/ml
4) T n-Dodecane (C12)	6.433	3281404	21.534 ug/ml
5) T A~2-methylnaphthalene...	7.071	2911391	21.905 ug/ml
6) T n-Tetradecane (C14)	8.252	3279070	21.425 ug/ml
7) T n-Hexadecane (C16)	9.851	3299811	21.126 ug/ml
8) T n-Octadecane (C18)	11.286	3300580	20.577 ug/ml
10) T n-Eicosane (C20)	12.587	3278426	20.104 ug/ml
11) T n-Heneicosane (C21)	13.196	3253794	19.748 ug/ml
13) T n-Docosane (C22)	13.779	3269249	19.860 ug/ml
14) T n-Tetracosane (C24)	14.876	3184614	19.418 ug/ml
15) T n-Hexacosane (C26)	15.892	3077105	18.871 ug/ml
16) T n-Octacosane (C28)	16.835	3039566	18.974 ug/ml
17) T n-Tricontane (C30)	17.718	3115379	19.468 ug/ml
18) T n-Dotriacontane (C32)	18.547	3098164	19.675 ug/ml
19) T n-Tetratriacontane (C34)	19.326	2910622	19.646 ug/ml
20) T n-Hexatriacontane (C36)	20.062	2809500	19.488 ug/ml
21) T n-Octatriacontane (C38)	20.759	2956965	21.790 ug/ml
22) T n-Tetracontane (C40)	21.531	2951238	23.184 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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