

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081722AL\
 Data File : FE037116.D
 Signal(s) : FID1B.ch
 Acq On : 17 Aug 2022 12:53
 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 08/17/2022
 Supervised By :Ankita Jodhani 08/18/2022

Integration File: autoint1.e
 Quant Time: Aug 17 13:34:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 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)	11.816	3400743	18.489 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
12) S 1-chlorooctadecane (S...	13.254	2702954	18.520 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
Target Compounds			
1) T n-Nonane (C9)	3.209	2992787	19.472 ug/ml
2) T n-Decane (C10)	4.463	3036985	19.871 ug/ml
3) T A~Naphthalene (C11.7)	6.164	3390761	20.608 ug/ml
4) T n-Dodecane (C12)	6.631	3103468	19.871 ug/ml
5) T A~2-methylnaphthalene...	7.260	3364988	20.733 ug/ml
6) T n-Tetradecane (C14)	8.457	3142771	19.887 ug/ml
7) T n-Hexadecane (C16)	10.063	3121540	19.627 ug/ml
8) T n-Octadecane (C18)	11.504	3124947	19.034 ug/ml
10) T n-Eicosane (C20)	12.811	3045858	18.553 ug/ml
11) T n-Heneicosane (C21)	13.422	3041484	18.506 ug/ml
13) T n-Docosane (C22)	14.008	2994395	18.404 ug/ml
14) T n-Tetracosane (C24)	15.110	2915510	18.039 ug/ml
15) T n-Hexacosane (C26)	16.130	2804663	17.681 ug/ml
16) T n-Octacosane (C28)	17.078	2728224	17.553 ug/ml
17) T n-Tricontane (C30)	17.966	2604074	17.856 ug/ml
18) T n-Dotriacontane (C32)	18.798	2131927	18.346 ug/ml
19) T n-Tetratriacontane (C34)	19.581	1575215	19.115 ug/mlm
20) T n-Hexatriacontane (C36)	20.320	1190916	19.713 ug/mlm
21) T n-Octatriacontane (C38)	21.041	1024142	20.081 ug/mlm
22) T n-Tetracontane (C40)	21.911	950528	19.748 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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