

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032923AL\
 Data File : FE041087.D
 Signal(s) : FID1B.ch
 Acq On : 29 Mar 2023 22:59
 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 03/30/2023
 Supervised By :Ankita Jodhani 03/30/2023

Integration File: autoint1.e
 Quant Time: Mar 30 01:46:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.852	3794436	20.190 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
12) S 1-chlorooctadecane (S...	13.291	2933081	20.386 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
Target Compounds			
1) T n-Nonane (C9)	3.251	3449075	19.878 ug/ml
2) T n-Decane (C10)	4.498	3421980	20.104 ug/ml
3) T A~Naphthalene (C11.7)	6.200	3786975	20.704 ug/ml
4) T n-Dodecane (C12)	6.663	3474841	20.032 ug/ml
5) T A~2-methylnaphthalene...	7.296	3571161	21.563 ug/ml
6) T n-Tetradecane (C14)	8.489	3490883	20.021 ug/ml
7) T n-Hexadecane (C16)	10.096	3570190	20.074 ug/ml
8) T n-Octadecane (C18)	11.538	3592206	20.119 ug/ml
10) T n-Eicosane (C20)	12.847	3447776	20.213 ug/ml
11) T n-Heneicosane (C21)	13.460	3416435	20.194 ug/ml
13) T n-Docosane (C22)	14.046	3351896	20.255 ug/ml
14) T n-Tetracosane (C24)	15.149	3279097	20.268 ug/ml
15) T n-Hexacosane (C26)	16.172	3143078	20.276 ug/ml
16) T n-Octacosane (C28)	17.122	3095883	20.211 ug/ml
17) T n-Tricontane (C30)	18.012	3092715	20.233 ug/ml
18) T n-Dotriacontane (C32)	18.845	3152198	20.190 ug/ml
19) T n-Tetratriacontane (C34)	19.628	3130433	20.200 ug/mlm
20) T n-Hexatriacontane (C36)	20.371	3041656	20.024 ug/ml
21) T n-Octatriacontane (C38)	21.098	3131055	20.043 ug/mlm
22) T n-Tetracontane (C40)	21.981	3271798	20.499 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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