

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032823AL\
 Data File : FE041042.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2023 10:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/29/2023
 Supervised By :Ankita Jodhani 03/29/2023

Integration File: autoint1.e
 Quant Time: Mar 29 01:30:46 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)	11.855	3851785	20.495 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
12) S 1-chlorooctadecane (S...	13.293	2937487	20.416 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
Target Compounds			
1) T n-Nonane (C9)	3.254	3409249	19.648 ug/ml
2) T n-Decane (C10)	4.500	3513545	20.642 ug/ml
3) T A~Naphthalene (C11.7)	6.203	3887715	21.255 ug/ml
4) T n-Dodecane (C12)	6.665	3570827	20.586 ug/ml
5) T A~2-methylnaphthalene...	7.298	3647192	22.022 ug/ml
6) T n-Tetradecane (C14)	8.491	3597433	20.632 ug/ml
7) T n-Hexadecane (C16)	10.097	3657890	20.567 ug/ml
8) T n-Octadecane (C18)	11.540	3656396	20.478 ug/ml
10) T n-Eicosane (C20)	12.849	3489452	20.457 ug/ml
11) T n-Heneicosane (C21)	13.460	3446733	20.373 ug/ml
13) T n-Docosane (C22)	14.047	3380171	20.426 ug/ml
14) T n-Tetracosane (C24)	15.150	3334438	20.610 ug/ml
15) T n-Hexacosane (C26)	16.172	3237974	20.888 ug/ml
16) T n-Octacosane (C28)	17.122	3323835	21.699 ug/ml
17) T n-Tricontane (C30)	18.010	3582166	23.435 ug/ml
18) T n-Dotriacontane (C32)	18.844	3761716	24.094 ug/ml
19) T n-Tetratriacontane (C34)	19.629	3618448	23.350 ug/mlm
20) T n-Hexatriacontane (C36)	20.370	3388355	22.307 ug/ml
21) T n-Octatriacontane (C38)	21.098	3365115	21.541 ug/mlm
22) T n-Tetracontane (C40)	21.978	3483730	21.827 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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