

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040623AL\
 Data File : FE041215.D
 Signal(s) : FID1B.ch
 Acq On : 07 Apr 2023 03:19
 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 04/07/2023
 Supervised By :Ankita Jodhani 04/07/2023

Integration File: autoint1.e
 Quant Time: Apr 07 04:56:24 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)	11.843	3680772	19.585 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
12) S 1-chlorooctadecane (S...	13.282	2860157	19.879 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
Target Compounds			
1) T n-Nonane (C9)	3.243	3255132	18.760 ug/ml
2) T n-Decane (C10)	4.489	3269818	19.210 ug/ml
3) T A~Naphthalene (C11.7)	6.191	3618457	19.783 ug/ml
4) T n-Dodecane (C12)	6.654	3345155	19.285 ug/ml
5) T A~2-methylnaphthalene...	7.287	3399853	20.529 ug/ml
6) T n-Tetradecane (C14)	8.480	3390568	19.445 ug/ml
7) T n-Hexadecane (C16)	10.086	3501726	19.689 ug/ml
8) T n-Octadecane (C18)	11.529	3525879	19.747 ug/ml
10) T n-Eicosane (C20)	12.838	3394262	19.899 ug/ml
11) T n-Heneicosane (C21)	13.450	3364433	19.886 ug/ml
13) T n-Docosane (C22)	14.037	3323156	20.081 ug/ml
14) T n-Tetracosane (C24)	15.140	3305478	20.431 ug/ml
15) T n-Hexacosane (C26)	16.161	3214503	20.737 ug/ml
16) T n-Octacosane (C28)	17.113	3258990	21.275 ug/ml
17) T n-Tricontane (C30)	18.002	3384307	22.141 ug/ml
18) T n-Dotriacontane (C32)	18.835	3409752	21.839 ug/ml
19) T n-Tetratriacontane (C34)	19.621	3375412	21.781 ug/mlm
20) T n-Hexatriacontane (C36)	20.362	3250753	21.401 ug/ml
21) T n-Octatriacontane (C38)	21.086	3285892	21.034 ug/mlm
22) T n-Tetracontane (C40)	21.968	3399714	21.301 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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