

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103023AL\
 Data File : FE045099.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2023 16:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Integration File: autoint1.e
 Quant Time: Oct 30 23:36:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.895	3494632	17.433 ug/ml
Spiked Amount 50.000		Recovery =	34.87%
12) S 1-chlorooctadecane (S...	13.337	2490958	16.832 ug/ml
Spiked Amount 50.000		Recovery =	33.66%
Target Compounds			
1) T n-Nonane (C9)	3.278	3087689	18.406 ug/ml
2) T n-Decane (C10)	4.530	3135430	18.406 ug/ml
3) T A~Naphthalene (C11.7)	6.231	3347987	18.086 ug/ml
4) T n-Dodecane (C12)	6.696	3168585	18.356 ug/ml
5) T A~2-methylnaphthalene...	7.327	3209983	17.795 ug/ml
6) T n-Tetradecane (C14)	8.523	3105615	18.111 ug/ml
7) T n-Hexadecane (C16)	10.134	3099608	17.725 ug/ml
8) T n-Octadecane (C18)	11.581	3047369	17.472 ug/ml
10) T n-Eicosane (C20)	12.892	2868931	17.176 ug/ml
11) T n-Heneicosane (C21)	13.506	2786073	17.091 ug/ml
13) T n-Docosane (C22)	14.093	2721733	17.016 ug/ml
14) T n-Tetracosane (C24)	15.199	2652134	17.089 ug/ml
15) T n-Hexacosane (C26)	16.221	2592223	17.266 ug/ml
16) T n-Octacosane (C28)	17.174	2568702	17.493 ug/ml
17) T n-Tricontane (C30)	18.063	2606897	17.528 ug/ml
18) T n-Dotriacontane (C32)	18.898	2658500	17.712 ug/ml
19) T n-Tetratriacontane (C34)	19.685	2680684	18.008 ug/ml
20) T n-Hexatriacontane (C36)	20.426	2804594	18.242 ug/mlm
21) T n-Octatriacontane (C38)	21.165	2882617	18.453 ug/mlm
22) T n-Tetracontane (C40)	22.082	2868046	17.161 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103023AL\
Data File : FE045099.D
Signal(s) : FID1B.ch
Acq On : 30 Oct 2023 16:47
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Integration File: autoint1.e
Quant Time: Oct 30 23:36:15 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
Quant Title : GC Extractables
QLast Update : Thu Oct 12 06:15:32 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

