

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111423AL\
 Data File : FE045351.D
 Signal(s) : FID1B.ch
 Acq On : 14 Nov 2023 21:31
 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 11/15/2023
 Supervised By :Ankita Jodhani 11/15/2023

Integration File: autoint1.e
 Quant Time: Nov 14 22:08:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.879	3911235	20.485 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
12) S 1-chlorooctadecane (S...	13.321	2834169	20.576 ug/ml
Spiked Amount 50.000		Recovery =	41.15%
Target Compounds			
1) T n-Nonane (C9)	3.266	3371496	20.409 ug/ml
2) T n-Decane (C10)	4.517	3486742	20.794 ug/ml
3) T A~Naphthalene (C11.7)	6.218	3653984	20.471 ug/ml
4) T n-Dodecane (C12)	6.684	3505058	20.754 ug/ml
5) T A~2-methylnaphthalene...	7.314	3507224	20.424 ug/ml
6) T n-Tetradecane (C14)	8.510	3436626	20.620 ug/ml
7) T n-Hexadecane (C16)	10.119	3454534	20.538 ug/ml
8) T n-Octadecane (C18)	11.565	3400535	20.317 ug/ml
10) T n-Eicosane (C20)	12.876	3233925	20.415 ug/ml
11) T n-Heneicosane (C21)	13.490	3141862	20.434 ug/ml
13) T n-Docosane (C22)	14.077	3112756	20.544 ug/ml
14) T n-Tetracosane (C24)	15.181	3087834	20.848 ug/ml
15) T n-Hexacosane (C26)	16.204	3059425	20.990 ug/ml
16) T n-Octacosane (C28)	17.156	3136760	21.466 ug/ml
17) T n-Tricontane (C30)	18.045	3368850	22.178 ug/ml
18) T n-Dotriacontane (C32)	18.878	3513236	22.489 ug/mlm
19) T n-Tetratriacontane (C34)	19.663	3489984	22.352 ug/mlm
20) T n-Hexatriacontane (C36)	20.406	3448293	21.244 ug/mlm
21) T n-Octatriacontane (C38)	21.144	3731597	22.460 ug/ml
22) T n-Tetracontane (C40)	22.053	3501077	20.497 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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