

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120324AL\
 Data File : FE051506.D
 Signal(s) : FID1B.ch
 Acq On : 03 Dec 2024 11:50
 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 12/04/2024
 Supervised By :Ankita Jodhani 12/04/2024

Integration File: autoint1.e
 Quant Time: Dec 03 21:31:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:18:35 2024
 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)	11.829	2883750	19.083 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
12) S 1-chlorooctadecane (S...	13.262	2153896	19.274 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T n-Nonane (C9)	3.222	2588728	18.471 ug/ml
2) T n-Decane (C10)	4.469	2664197	18.787 ug/ml
3) T A~Naphthalene (C11.7)	6.184	2422400	18.325 ug/ml
4) T n-Dodecane (C12)	6.636	2706738	19.016 ug/ml
5) T A~2-methylnaphthalene...	7.281	2208896	18.413 ug/ml
6) T n-Tetradecane (C14)	8.462	2651360	19.020 ug/ml
7) T n-Hexadecane (C16)	10.068	2706502	19.049 ug/ml
8) T n-Octadecane (C18)	11.509	2759625	19.203 ug/mlm
10) T n-Eicosane (C20)	12.815	2659845	19.268 ug/ml
11) T n-Heneicosane (C21)	13.426	2612458	19.273 ug/ml
13) T n-Docosane (C22)	14.011	2632226	19.658 ug/ml
14) T n-Tetracosane (C24)	15.112	2616936	19.805 ug/ml
15) T n-Hexacosane (C26)	16.132	2611435	20.138 ug/ml
16) T n-Octacosane (C28)	17.080	2608177	20.457 ug/ml
17) T n-Tricontane (C30)	17.966	2673644	20.649 ug/ml
18) T n-Dotriacontane (C32)	18.798	2595474	20.733 ug/ml
19) T n-Tetratriacontane (C34)	19.580	2256456	19.979 ug/ml
20) T n-Hexatriacontane (C36)	20.319	1931899	20.060 ug/ml
21) T n-Octatriacontane (C38)	21.038	1754208	19.267 ug/ml
22) T n-Tetracontane (C40)	21.912	1604445	18.308 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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