

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111824AL\
 Data File : FE051299.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2024 08:50
 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 11/19/2024
 Supervised By :Ankita Jodhani 11/19/2024

Integration File: autoint1.e
 Quant Time: Nov 18 17:26:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.854	3148321	20.975 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
12) S 1-chlorooctadecane (S...	13.287	2358810	20.777 ug/ml
Spiked Amount 50.000		Recovery =	41.55%
Target Compounds			
1) T n-Nonane (C9)	3.239	3202995	23.148 ug/ml
2) T n-Decane (C10)	4.489	3235526	23.082 ug/ml
3) T A~Naphthalene (C11.7)	6.204	3021469	22.916 ug/ml
4) T n-Dodecane (C12)	6.658	3201944	22.677 ug/ml
5) T A~2-methylnaphthalene...	7.300	2759600	22.060 ug/ml
6) T n-Tetradecane (C14)	8.485	3071029	22.036 ug/ml
7) T n-Hexadecane (C16)	10.091	3062586	21.582 ug/ml
8) T n-Octadecane (C18)	11.533	3046220	21.331 ug/ml
10) T n-Eicosane (C20)	12.840	2874560	21.004 ug/ml
11) T n-Heneicosane (C21)	13.451	2801698	20.964 ug/ml
13) T n-Docosane (C22)	14.037	2824722	21.246 ug/ml
14) T n-Tetracosane (C24)	15.139	2921783	22.025 ug/ml
15) T n-Hexacosane (C26)	16.158	2960852	22.117 ug/ml
16) T n-Octacosane (C28)	17.108	3020563	22.156 ug/ml
17) T n-Tricontane (C30)	17.995	3138791	21.604 ug/ml
18) T n-Dotriacontane (C32)	18.828	3167632	21.333 ug/ml
19) T n-Tetratriacontane (C34)	19.611	2830020	21.062 ug/ml
20) T n-Hexatriacontane (C36)	20.350	2343582	19.641 ug/ml
21) T n-Octatriacontane (C38)	21.075	2027346	17.812 ug/ml
22) T n-Tetracontane (C40)	21.959	1710107	15.376 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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