

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053124AL\
 Data File : FE048497.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jun 2024 04:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/03/2024
 Supervised By :Ankita Jodhani 06/03/2024

Integration File: autoint1.e
 Quant Time: Jun 01 04:40:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.948	2696545	18.779 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
12) S 1-chlorooctadecane (S...	13.382	2061166	18.920 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
Target Compounds			
1) T n-Nonane (C9)	3.336	2744887	18.360 ug/ml
2) T n-Decane (C10)	4.586	2814391	18.638 ug/ml
3) T A~Naphthalene (C11.7)	6.291	2774704	18.635 ug/ml
4) T n-Dodecane (C12)	6.751	2759487	18.642 ug/ml
5) T A~2-methylnaphthalene...	7.387	2584197	18.638 ug/ml
6) T n-Tetradecane (C14)	8.578	2641202	18.622 ug/ml
7) T n-Hexadecane (C16)	10.185	2645408	18.765 ug/ml
8) T n-Octadecane (C18)	11.628	2611466	18.803 ug/ml
10) T n-Eicosane (C20)	12.937	2502509	18.910 ug/ml
11) T n-Heneicosane (C21)	13.548	2432881	18.782 ug/ml
13) T n-Docosane (C22)	14.134	2471547	19.180 ug/ml
14) T n-Tetracosane (C24)	15.235	2573014	19.861 ug/ml
15) T n-Hexacosane (C26)	16.256	2599127	20.054 ug/ml
16) T n-Octacosane (C28)	17.204	2684247	20.767 ug/ml
17) T n-Tricontane (C30)	18.091	2861085	21.357 ug/ml
18) T n-Dotriacontane (C32)	18.922	2885993	21.261 ug/ml
19) T n-Tetratriacontane (C34)	19.705	2801265	20.477 ug/mlm
20) T n-Hexatriacontane (C36)	20.445	2668421	19.630 ug/ml
21) T n-Octatriacontane (C38)	21.181	2627726	19.269 ug/ml
22) T n-Tetracontane (C40)	22.100	2579195	18.837 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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