

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120624AL\
 Data File : FE051578.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2024 19:35
 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 12/09/2024
 Supervised By :Ankita Jodhani 12/09/2024

Integration File: autoint1.e
 Quant Time: Dec 07 04:12:50 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)	11.824	2985704	19.758 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
12) S 1-chlorooctadecane (S...	13.257	2286840	20.463 ug/ml
Spiked Amount 50.000		Recovery =	40.93%
Target Compounds			
1) T n-Nonane (C9)	3.217	2765727	19.734 ug/ml
2) T n-Decane (C10)	4.464	2800502	19.748 ug/ml
3) T A~Naphthalene (C11.7)	6.179	2616278	19.791 ug/ml
4) T n-Dodecane (C12)	6.631	2850932	20.029 ug/ml
5) T A~2-methylnaphthalene...	7.275	2397508	19.985 ug/ml
6) T n-Tetradecane (C14)	8.457	2786514	19.989 ug/ml
7) T n-Hexadecane (C16)	10.062	2839225	19.983 ug/ml
8) T n-Octadecane (C18)	11.503	2857457	19.884 ug/ml
10) T n-Eicosane (C20)	12.810	2744661	19.883 ug/ml
11) T n-Heneicosane (C21)	13.421	2692769	19.866 ug/ml
13) T n-Docosane (C22)	14.006	2667204	19.919 ug/ml
14) T n-Tetracosane (C24)	15.107	2643762	20.008 ug/ml
15) T n-Hexacosane (C26)	16.126	2613004	20.150 ug/ml
16) T n-Octacosane (C28)	17.074	2606688	20.445 ug/ml
17) T n-Tricontane (C30)	17.961	2689372	20.770 ug/ml
18) T n-Dotriacontane (C32)	18.792	2628403	20.996 ug/ml
19) T n-Tetratriacontane (C34)	19.575	2325439	20.590 ug/ml
20) T n-Hexatriacontane (C36)	20.314	1993254	20.697 ug/ml
21) T n-Octatriacontane (C38)	21.033	1929397	21.192 ug/ml
22) T n-Tetracontane (C40)	21.906	1921075	21.921 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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