

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121724AL\
 Data File : FE051673.D
 Signal(s) : FID1B.ch
 Acq On : 17 Dec 2024 16:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :Ankita Jodhani 12/18/2024

Integration File: autoint1.e
 Quant Time: Dec 17 16:33:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 15:04:25 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)	12.011	3150211	19.622 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
12) S 1-chlorooctadecane (S...	13.431	2445860	19.389 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
Target Compounds			
1) T n-Nonane (C9)	3.487	2413222	20.140 ug/ml
2) T n-Decane (C10)	4.718	2505034	20.148 ug/ml
3) T A~Naphthalene (C11.7)	6.404	2867756	20.124 ug/ml
4) T n-Dodecane (C12)	6.852	2614557	20.094 ug/ml
5) T A~2-methylnaphthalene...	7.486	2831856	20.010 ug/ml
6) T n-Tetradecane (C14)	8.663	2669724	19.911 ug/ml
7) T n-Hexadecane (C16)	10.257	2824727	19.766 ug/ml
8) T n-Octadecane (C18)	11.689	2898302	19.661 ug/ml
10) T n-Eicosane (C20)	12.989	2819662	19.599 ug/ml
11) T n-Heneicosane (C21)	13.596	2776373	19.537 ug/ml
13) T n-Docosane (C22)	14.178	2763454	19.601 ug/ml
14) T n-Tetracosane (C24)	15.272	2768260	19.841 ug/ml
15) T n-Hexacosane (C26)	16.287	2675771	19.859 ug/ml
16) T n-Octacosane (C28)	17.229	2588535	19.898 ug/ml
17) T n-Tricontane (C30)	18.110	2597126	19.624 ug/ml
18) T n-Dotriacontane (C32)	18.936	2464807	19.661 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2125532	19.319 ug/ml
20) T n-Hexatriacontane (C36)	20.448	1922905	20.028 ug/mlm
21) T n-Octatriacontane (C38)	21.185	1788195	19.859 ug/ml
22) T n-Tetracontane (C40)	22.109	1736223	17.788 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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