

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070124AL\
 Data File : FE048948.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2024 15:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2024
 Supervised By :Ankita Jodhani 07/02/2024

Integration File: autoint1.e
 Quant Time: Jul 02 01:44:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.934	2809630	16.803 ug/ml
Spiked Amount 50.000		Recovery =	33.61%
12) S 1-chlorooctadecane (S...	13.369	2136213	16.613 ug/ml
Spiked Amount 50.000		Recovery =	33.23%
Target Compounds			
1) T n-Nonane (C9)	3.321	2783545	18.515 ug/ml
2) T n-Decane (C10)	4.570	2822359	18.340 ug/ml
3) T A~Naphthalene (C11.7)	6.277	2869525	18.075 ug/ml
4) T n-Dodecane (C12)	6.736	2799475	18.134 ug/ml
5) T A~2-methylnaphthalene...	7.373	2709018	17.889 ug/ml
6) T n-Tetradecane (C14)	8.564	2737111	17.859 ug/ml
7) T n-Hexadecane (C16)	10.171	2776112	17.755 ug/ml
8) T n-Octadecane (C18)	11.614	2754826	17.273 ug/ml
10) T n-Eicosane (C20)	12.924	2618227	16.888 ug/ml
11) T n-Heneicosane (C21)	13.535	2569921	16.878 ug/ml
13) T n-Docosane (C22)	14.121	2535277	16.764 ug/ml
14) T n-Tetracosane (C24)	15.223	2529197	16.830 ug/ml
15) T n-Hexacosane (C26)	16.243	2506835	16.980 ug/ml
16) T n-Octacosane (C28)	17.193	2448468	16.978 ug/ml
17) T n-Tricontane (C30)	18.080	2526863	17.272 ug/ml
18) T n-Dotriacontane (C32)	18.912	2487006	17.394 ug/ml
19) T n-Tetratriacontane (C34)	19.696	2489164	17.989 ug/mlm
20) T n-Hexatriacontane (C36)	20.437	2444185	18.806 ug/ml
21) T n-Octatriacontane (C38)	21.173	2615555	20.403 ug/ml
22) T n-Tetracontane (C40)	22.088	2642476	21.578 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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