

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101524AL\
 Data File : FE050688.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2024 01:02
 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 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
 Quant Time: Oct 16 02:50:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.857	3150143	19.981 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
12) S 1-chlorooctadecane (S...	13.290	2377153	20.095 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
Target Compounds			
1) T n-Nonane (C9)	3.248	2749869	19.463 ug/ml
2) T n-Decane (C10)	4.498	2847735	19.848 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2807909	19.637 ug/ml
4) T n-Dodecane (C12)	6.665	2865562	19.909 ug/ml
5) T A~2-methylnaphthalene...	7.304	2659088	20.072 ug/ml
6) T n-Tetradecane (C14)	8.491	2853368	19.944 ug/ml
7) T n-Hexadecane (C16)	10.096	2959240	20.108 ug/ml
8) T n-Octadecane (C18)	11.537	3016206	20.193 ug/ml
10) T n-Eicosane (C20)	12.844	2874232	20.043 ug/ml
11) T n-Heneicosane (C21)	13.456	2811077	20.017 ug/ml
13) T n-Docosane (C22)	14.041	2801052	19.965 ug/ml
14) T n-Tetracosane (C24)	15.143	2829208	20.026 ug/ml
15) T n-Hexacosane (C26)	16.163	2830288	20.113 ug/mlm
16) T n-Octacosane (C28)	17.110	2997100	20.482 ug/ml
17) T n-Tricontane (C30)	17.997	3354236	21.095 ug/ml
18) T n-Dotriacontane (C32)	18.830	3441309	21.228 ug/ml
19) T n-Tetratriacontane (C34)	19.613	3081860	20.981 ug/ml
20) T n-Hexatriacontane (C36)	20.350	2627666	20.721 ug/ml
21) T n-Octatriacontane (C38)	21.075	2454472	19.851 ug/ml
22) T n-Tetracontane (C40)	21.962	2116870	19.011 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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