

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032725AL\
 Data File : FC068424.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 16:58
 Operator : YP/AJ
 Sample : Q1648-09MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-7MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/28/2025
 Supervised By :mohammad ahmed 03/31/2025

Integration File: autoint1.e
 Quant Time: Mar 28 02:48:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 13:35:27 2025
 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)	11.385	5049506	25.422 ug/mlm
Spiked Amount 50.000		Recovery =	50.84%
12) S 1-chlorooctadecane (S...	12.826	4136568	27.748 ug/ml
Spiked Amount 50.000		Recovery =	55.50%
Target Compounds			
1) T n-Nonane (C9)	3.195	3950846	24.702 ug/ml
2) T n-Decane (C10)	4.254	4489226	27.693 ug/ml
3) T A~Naphthalene (C11.7)	5.819	5403153	30.582 ug/ml
4) T n-Dodecane (C12)	6.261	4999999	30.320 ug/ml
5) T A~2-methylnaphthalene...	6.871	5110208	30.043 ug/ml
6) T n-Tetradecane (C14)	8.051	5231271	31.794 ug/ml
7) T n-Hexadecane (C16)	9.644	5684247	33.077 ug/ml
8) T n-Octadecane (C18)	11.082	5567297	31.718 ug/ml
10) T n-Eicosane (C20)	12.388	5942754	34.699 ug/ml
11) T n-Heneicosane (C21)	12.997	5644670	33.651 ug/ml
13) T n-Docosane (C22)	13.583	5585622	33.110 ug/ml
14) T n-Tetracosane (C24)	14.642	12380958	72.292 ug/mlm
15) T n-Hexacosane (C26)	15.702	5165533	30.691 ug/ml
16) T n-Octacosane (C28)	16.648	5316412	31.794 ug/ml
17) T n-Tricontane (C30)	17.536	5100232	29.252 ug/ml
18) T n-Dotriacontane (C32)	18.365	4879842	29.150 ug/ml
19) T n-Tetratriacontane (C34)	19.148	4702977	31.885 ug/ml
20) T n-Hexatriacontane (C36)	19.884	4440004	36.280 ug/mlm
21) T n-Octatriacontane (C38)	20.595	4321199	40.240 ug/ml
22) T n-Tetracontane (C40)	21.438	4103998	41.875 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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