

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032725AL\
 Data File : FC068425.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 17:35
 Operator : YP/AJ
 Sample : Q1648-09MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

TP-7MSD

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 02:48:47 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)	11.386	5138662	25.871 ug/mlm
Spiked Amount 50.000		Recovery =	51.74%
12) S 1-chlorooctadecane (S...	12.827	4196520	28.150 ug/ml
Spiked Amount 50.000		Recovery =	56.30%
Target Compounds			
1) T n-Nonane (C9)	3.195	4055600	25.357 ug/ml
2) T n-Decane (C10)	4.254	4620494	28.503 ug/ml
3) T A~Naphthalene (C11.7)	5.819	5566585	31.507 ug/ml
4) T n-Dodecane (C12)	6.261	5144920	31.199 ug/ml
5) T A~2-methylnaphthalene...	6.871	5275313	31.014 ug/ml
6) T n-Tetradecane (C14)	8.051	5356319	32.554 ug/ml
7) T n-Hexadecane (C16)	9.644	5783833	33.656 ug/ml
8) T n-Octadecane (C18)	11.082	5661630	32.255 ug/ml
10) T n-Eicosane (C20)	12.389	6032926	35.226 ug/ml
11) T n-Heneicosane (C21)	12.997	5785686	34.492 ug/ml
13) T n-Docosane (C22)	13.582	5694477	33.755 ug/ml
14) T n-Tetracosane (C24)	14.643	12647338	73.848 ug/mlm
15) T n-Hexacosane (C26)	15.702	5345323	31.760 ug/ml
16) T n-Octacosane (C28)	16.649	5426401	32.452 ug/ml
17) T n-Tricontane (C30)	17.537	5164644	29.621 ug/ml
18) T n-Dotriacontane (C32)	18.365	5002207	29.881 ug/ml
19) T n-Tetratriacontane (C34)	19.148	4815132	32.645 ug/ml
20) T n-Hexatriacontane (C36)	19.886	4569837	37.341 ug/mlm
21) T n-Octatriacontane (C38)	20.595	4430987	41.263 ug/ml
22) T n-Tetracontane (C40)	21.440	4231061	43.172 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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