

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072525AL\
 Data File : FC069536.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jul 2025 16:28
 Operator : YP/AJ
 Sample : Q2689-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-03-07232025MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/28/2025
 Supervised By :mohammad ahmed 07/29/2025

Integration File: autoint1.e
 Quant Time: Jul 25 22:57:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.675	4023181	27.110 ug/ml
Spiked Amount 50.000		Recovery =	54.22%
12) S 1-chlorooctadecane (S...	13.111	3414228	30.212 ug/ml
Spiked Amount 50.000		Recovery =	60.42%
Target Compounds			
1) T n-Nonane (C9)	3.404	3575631	26.276 ug/ml
2) T n-Decane (C10)	4.477	4030091	28.956 ug/ml
3) T A~Naphthalene (C11.7)	6.073	4695494	31.074 ug/ml
4) T n-Dodecane (C12)	6.503	4380315	30.905 ug/ml
5) T A~2-methylnaphthalene...	7.133	4458607	30.519 ug/ml
6) T n-Tetradecane (C14)	8.304	4555487	32.039 ug/ml
7) T n-Hexadecane (C16)	9.907	4619776	31.650 ug/ml
8) T n-Octadecane (C18)	11.352	4388500	30.508 ug/ml
10) T n-Eicosane (C20)	12.665	4540082	33.818 ug/ml
11) T n-Heneicosane (C21)	13.278	4216813	32.464 ug/ml
13) T n-Docosane (C22)	13.864	4087582	32.183 ug/mlm
14) T n-Tetracosane (C24)	14.966	8402010	68.839 ug/ml
15) T n-Hexacosane (C26)	15.995	3812891	32.818 ug/ml
16) T n-Octacosane (C28)	16.945	3962027	35.787 ug/ml
17) T n-Tricontane (C30)	17.837	3754492	34.288 ug/ml
18) T n-Dotriacontane (C32)	18.669	3626887	34.951 ug/ml
19) T n-Tetratriacontane (C34)	19.456	3649378	38.729 ug/ml
20) T n-Hexatriacontane (C36)	20.199	3401595	41.182 ug/ml
21) T n-Octatriacontane (C38)	20.967	3546465	46.692 ug/mlm
22) T n-Tetracontane (C40)	21.939	3079990	42.049 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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