

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020625AL\
 Data File : FC068214.D
 Signal(s) : FID1A.ch
 Acq On : 06 Feb 2025 17:53
 Operator : YP/AJ
 Sample : Q1299-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/07/2025
 Supervised By :Ankita Jodhani 02/07/2025

Integration File: autoint1.e
 Quant Time: Feb 07 00:33:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 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)	11.408	4820034	30.845 ug/ml
Spiked Amount 50.000		Recovery =	61.69%
12) S 1-chlorooctadecane (S...	12.850	3759134	32.687 ug/ml
Spiked Amount 50.000		Recovery =	65.37%
Target Compounds			
1) T n-Nonane (C9)	3.214	3749311	27.381 ug/ml
2) T n-Decane (C10)	4.271	4131942	29.762 ug/mlm
3) T A~Naphthalene (C11.7)	5.838	4883982	32.533 ug/ml
4) T n-Dodecane (C12)	6.279	4305231	30.818 ug/ml
5) T A~2-methylnaphthalene...	6.891	4576968	31.866 ug/ml
6) T n-Tetradecane (C14)	8.069	4673632	34.245 ug/ml
7) T n-Hexadecane (C16)	9.664	4886828	35.170 ug/ml
8) T n-Octadecane (C18)	11.103	4892862	34.970 ug/ml
10) T n-Eicosane (C20)	12.450	5299647	39.608 ug/ml
11) T n-Heneicosane (C21)	13.020	4741801	36.103 ug/ml
13) T n-Docosane (C22)	13.605	4680498	36.133 ug/ml
14) T n-Tetracosane (C24)	14.663	9645788	75.131 ug/mlm
15) T n-Hexacosane (C26)	15.725	4508594	35.829 ug/ml
16) T n-Octacosane (C28)	16.673	4499821	35.978 ug/ml
17) T n-Tricontane (C30)	17.561	4485442	34.702 ug/ml
18) T n-Dotriacontane (C32)	18.390	4442915	35.540 ug/ml
19) T n-Tetratriacontane (C34)	19.173	4383234	40.408 ug/ml
20) T n-Hexatriacontane (C36)	19.912	4112986	44.444 ug/ml
21) T n-Octatriacontane (C38)	20.624	3930160	45.866 ug/ml
22) T n-Tetracontane (C40)	21.479	3745750	46.324 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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