

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC033125AL\
 Data File : FC068453.D
 Signal(s) : FID1A.ch
 Acq On : 31 Mar 2025 18:53
 Operator : YP/AJ
 Sample : Q1674-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 RT5358MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/01/2025
 Supervised By :mohammad ahmed 04/02/2025

Integration File: autoint1.e
 Quant Time: Apr 01 03:19:53 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)	11.388	6691900	33.690 ug/ml
Spiked Amount 50.000		Recovery =	67.38%
12) S 1-chlorooctadecane (S...	12.829	4963718	33.297 ug/ml
Spiked Amount 50.000		Recovery =	66.59%
Target Compounds			
1) T n-Nonane (C9)	3.196	4164155	26.035 ug/ml
2) T n-Decane (C10)	4.253	4713418	29.076 ug/ml
3) T A~Naphthalene (C11.7)	5.818	5662211	32.048 ug/ml
4) T n-Dodecane (C12)	6.261	5320665	32.264 ug/ml
5) T A~2-methylnaphthalene...	6.870	5483987	32.241 ug/ml
6) T n-Tetradecane (C14)	8.050	5842384	35.508 ug/ml
7) T n-Hexadecane (C16)	9.644	6295518	36.634 ug/ml
8) T n-Octadecane (C18)	11.083	6253937	35.630 ug/ml
10) T n-Eicosane (C20)	12.389	6333667	36.982 ug/ml
11) T n-Heneicosane (C21)	12.999	5944431	35.438 ug/ml
13) T n-Docosane (C22)	13.584	5826101	34.535 ug/ml
14) T n-Tetracosane (C24)	14.642	11600086	67.733 ug/mlm
15) T n-Hexacosane (C26)	15.705	5407963	32.132 ug/ml
16) T n-Octacosane (C28)	16.652	5181094	30.985 ug/ml
17) T n-Tricontane (C30)	17.540	5055938	28.998 ug/ml
18) T n-Dotriacontane (C32)	18.369	4838876	28.905 ug/ml
19) T n-Tetratriacontane (C34)	19.152	4729510	32.065 ug/ml
20) T n-Hexatriacontane (C36)	19.891	4355424	35.589 ug/ml
21) T n-Octatriacontane (C38)	20.601	4252455	39.600 ug/ml
22) T n-Tetracontane (C40)	21.450	4072472	41.553 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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