

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080725AL\
 Data File : FC069605.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2025 18:10
 Operator : YP/AJ
 Sample : Q2779-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File: autoint1.e
 Quant Time: Aug 08 02:27:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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)	11.670	4340113	29.092 ug/mlm
Spiked Amount 50.000		Recovery =	58.18%
12) S 1-chlorooctadecane (S...	13.106	3743311	34.335 ug/ml
Spiked Amount 50.000		Recovery =	68.67%
Target Compounds			
1) T n-Nonane (C9)	3.401	3223299	22.624 ug/ml
2) T n-Decane (C10)	4.474	3622813	24.919 ug/ml
3) T A~Naphthalene (C11.7)	6.069	4522954	29.150 ug/mlm
4) T n-Dodecane (C12)	6.498	4064476	27.804 ug/ml
5) T A~2-methylnaphthalene...	7.129	4251463	28.868 ug/ml
6) T n-Tetradecane (C14)	8.298	4175864	29.261 ug/ml
7) T n-Hexadecane (C16)	9.901	4617332	32.029 ug/mlm
8) T n-Octadecane (C18)	11.347	4505902	31.864 ug/ml
10) T n-Eicosane (C20)	12.661	4780811	36.293 ug/ml
11) T n-Heneicosane (C21)	13.273	4680803	36.700 ug/ml
13) T n-Docosane (C22)	13.861	4297936	34.405 ug/ml
14) T n-Tetracosane (C24)	14.961	9027223	74.808 ug/ml
15) T n-Hexacosane (C26)	15.989	4001839	34.633 ug/mlm
16) T n-Octacosane (C28)	16.940	4056094	36.186 ug/ml
17) T n-Tricontane (C30)	17.830	3718061	32.473 ug/ml
18) T n-Dotriacontane (C32)	18.661	3650879	32.867 ug/mlm
19) T n-Tetratriacontane (C34)	19.446	3637528	35.724 ug/mlm
20) T n-Hexatriacontane (C36)	20.189	3354059	37.616 ug/ml
21) T n-Octatriacontane (C38)	20.954	3375878	41.966 ug/ml
22) T n-Tetracontane (C40)	21.918	3460606	46.214 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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