

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061425AL\
 Data File : FE054383.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2025 14:50
 Operator : YP\AJ
 Sample : Q2126-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File: autoint1.e
 Quant Time: Jun 14 00:01:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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			
12) S 1-chlorooctadecane (S...	13.268	4368839	35.825 ug/ml
Spiked Amount 50.000		Recovery =	71.65%
Target Compounds			
1) T n-Nonane (C9)	3.175	185556	1.494 ug/ml
2) T n-Decane (C10)	4.438	221940	1.786 ug/ml
4) T n-Dodecane (C12)	6.619	251602	1.976 ug/ml
6) T n-Tetradecane (C14)	8.452	321754	2.485 ug/mlm
7) T n-Hexadecane (C16)	10.064	327147	2.463 ug/ml
8) T n-Octadecane (C18)	11.510	363728	2.694 ug/ml
10) T n-Eicosane (C20)	12.821	401551	3.002 ug/ml
11) T n-Heneicosane (C21)	13.434	389518	2.929 ug/ml
13) T n-Docosane (C22)	14.022	387731	2.957 ug/ml
14) T n-Tetracosane (C24)	15.126	386728	2.998 ug/ml
15) T n-Hexacosane (C26)	16.149	363268	2.894 ug/ml
16) T n-Octacosane (C28)	17.100	375019	3.058 ug/mlm
17) T n-Tricontane (C30)	17.987	385814	3.113 ug/mlm
18) T n-Dotriacontane (C32)	18.821	391997	3.120 ug/ml
19) T n-Tetratriacontane (C34)	19.605	387066	3.111 ug/mlm
20) T n-Hexatriacontane (C36)	20.348	361820	2.811 ug/mlm
21) T n-Octatriacontane (C38)	21.073	361169	2.735 ug/mlm
22) T n-Tetracontane (C40)	21.957	375433	2.787 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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