

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050825AL\
 Data File : FE053734.D
 Signal(s) : FID1B.ch
 Acq On : 09 May 2025 04:04
 Operator : YP\AJ
 Sample : Q1972-17MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SUB-WC-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/09/2025
 Supervised By :mohammad ahmed 05/12/2025

Integration File: autoint1.e
 Quant Time: May 09 07:49:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.858	5241486	29.061 ug/ml
Spiked Amount 50.000		Recovery =	58.12%
12) S 1-chlorooctadecane (S...	13.303	4211776	31.158 ug/ml
Spiked Amount 50.000		Recovery =	62.32%
Target Compounds			
1) T n-Nonane (C9)	3.209	3723020	27.155 ug/ml
2) T n-Decane (C10)	4.469	4344033	31.402 ug/mlm
3) T A~Naphthalene (C11.7)	6.179	5293590	35.070 ug/ml
4) T n-Dodecane (C12)	6.648	4878122	34.782 ug/ml
5) T A~2-methylnaphthalene...	7.281	5062521	33.908 ug/ml
6) T n-Tetradecane (C14)	8.485	5348233	38.123 ug/ml
7) T n-Hexadecane (C16)	10.097	5510687	38.450 ug/ml
8) T n-Octadecane (C18)	11.545	5566328	38.195 ug/ml
10) T n-Eicosane (C20)	12.859	5664344	38.927 ug/ml
11) T n-Heneicosane (C21)	13.472	5393693	37.238 ug/ml
13) T n-Docosane (C22)	14.060	5335750	36.976 ug/mlm
14) T n-Tetracosane (C24)	15.155	10705931	74.533 ug/ml
15) T n-Hexacosane (C26)	16.188	5103957	36.037 ug/ml
16) T n-Octacosane (C28)	17.140	5250641	37.740 ug/ml
17) T n-Tricontane (C30)	18.030	5006723	35.969 ug/mlm
18) T n-Dotriacontane (C32)	18.862	4975596	36.237 ug/ml
19) T n-Tetratriacontane (C34)	19.647	5028314	38.592 ug/ml
20) T n-Hexatriacontane (C36)	20.388	4924024	39.003 ug/ml
21) T n-Octatriacontane (C38)	21.120	4948621	40.619 ug/mlm
22) T n-Tetracontane (C40)	22.021	5056541	42.342 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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