

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061625AL\
 Data File : FE054425.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2025 02:18
 Operator : YP\AJ
 Sample : PB168485BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168485BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/17/2025
 Supervised By :mohammad ahmed 06/18/2025

Integration File: autoint1.e
 Quant Time: Jun 17 03:38:14 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			
9) S ortho-Terphenyl (SURR)	11.828	6437294	38.958 ug/ml
Spiked Amount 50.000		Recovery =	77.92%
12) S 1-chlorooctadecane (S...	13.270	5121351	41.996 ug/mlm
Spiked Amount 50.000		Recovery =	83.99%
Target Compounds			
1) T n-Nonane (C9)	3.183	4830372	38.898 ug/ml
2) T n-Decane (C10)	4.442	4880221	39.276 ug/ml
3) T A~Naphthalene (C11.7)	6.153	6090999	45.071 ug/ml
4) T n-Dodecane (C12)	6.621	5091400	39.985 ug/ml
5) T A~2-methylnaphthalene...	7.255	5576958	42.105 ug/ml
6) T n-Tetradecane (C14)	8.456	5166758	39.909 ug/ml
7) T n-Hexadecane (C16)	10.067	5268808	39.663 ug/ml
8) T n-Octadecane (C18)	11.513	5314255	39.355 ug/ml
10) T n-Eicosane (C20)	12.827	5482440	40.982 ug/ml
11) T n-Heneicosane (C21)	13.439	5247289	39.463 ug/ml
13) T n-Docosane (C22)	14.026	5190331	39.584 ug/ml
14) T n-Tetracosane (C24)	15.128	11356448	88.039 ug/ml
15) T n-Hexacosane (C26)	16.156	5015977	39.959 ug/ml
16) T n-Octacosane (C28)	17.105	5238808	42.720 ug/mlm
17) T n-Tricontane (C30)	17.996	4917297	39.674 ug/ml
18) T n-Dotriacontane (C32)	18.828	5102982	40.614 ug/mlm
19) T n-Tetratriacontane (C34)	19.615	5048541	40.581 ug/ml
20) T n-Hexatriacontane (C36)	20.355	5197737	40.377 ug/ml
21) T n-Octatriacontane (C38)	21.082	5582201	42.276 ug/ml
22) T n-Tetracontane (C40)	21.972	5643653	41.896 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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