

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE062124AL\  
 Data File : FE048817.D  
 Signal(s) : FID1B.ch  
 Acq On : 20 Jun 2024 14:25  
 Operator : YP\AJ  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e  
 Quant Time: Jun 20 15:34:04 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062124.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 20 15:30:23 2024  
 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)    | 11.937 | 8279204    | 49.470 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 98.94%       |
| 12) S 1-chlorooctadecane (S... | 13.370 | 6455411    | 49.501 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 99.00%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.327  | 7514985    | 49.933 ug/ml |
| 2) T n-Decane (C10)            | 4.575  | 7664975    | 49.712 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.279  | 8032517    | 49.662 ug/ml |
| 4) T n-Dodecane (C12)          | 6.739  | 7685654    | 49.628 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.374  | 7740668    | 49.781 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.566  | 7594855    | 49.595 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.174 | 7825264    | 49.659 ug/ml |
| 8) T n-Octadecane (C18)        | 11.618 | 7972472    | 49.595 ug/ml |
| 10) T n-Eicosane (C20)         | 12.925 | 7703613    | 49.498 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.536 | 7586418    | 49.495 ug/ml |
| 13) T n-Docosane (C22)         | 14.123 | 7546042    | 49.451 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.225 | 7506225    | 49.468 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.244 | 7356217    | 49.409 ug/ml |
| 16) T n-Octacosane (C28)       | 17.192 | 7171726    | 49.380 ug/ml |
| 17) T n-Tricontane (C30)       | 18.081 | 7187026    | 49.197 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.911 | 6983203    | 49.178 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.694 | 6757394    | 49.188 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.433 | 6490799    | 49.403 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.168 | 6336673    | 49.268 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.081 | 6107270    | 49.726 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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