

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD091522AL\  
 Data File : FD043897.D  
 Signal(s) : FID2B.ch  
 Acq On : 15 Sep 2022 16:38  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Sep 15 17:03:38 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 090722.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 07 17:10:44 2022  
 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)    | 11.315 | 3819238    | 22.331 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.66%       |
| 12) S 1-chlorooctadecane (S... | 12.734 | 2968484    | 22.310 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.62%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.146  | 3307387    | 22.966 ug/ml |
| 2) T n-Decane (C10)            | 4.195  | 3355018    | 23.137 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.766  | 3472631    | 24.545 ug/ml |
| 4) T n-Dodecane (C12)          | 6.194  | 3448898    | 23.055 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.813  | 3438163    | 24.912 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.975  | 3475037    | 23.025 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.562  | 3511710    | 22.959 ug/ml |
| 8) T n-Octadecane (C18)        | 10.994 | 3537726    | 22.438 ug/ml |
| 10) T n-Eicosane (C20)         | 12.293 | 3533710    | 22.084 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.900 | 3521080    | 21.826 ug/ml |
| 13) T n-Docosane (C22)         | 13.481 | 3488575    | 21.696 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.573 | 3380724    | 21.333 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.586 | 3235912    | 20.777 ug/ml |
| 16) T n-Octacosane (C28)       | 16.525 | 3044092    | 20.105 ug/ml |
| 17) T n-Tricontane (C30)       | 17.404 | 2934606    | 19.696 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.226 | 2779308    | 19.470 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.002 | 2434767    | 18.629 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.732 | 2144347    | 17.326 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.425 | 2328782    | 19.934 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.191 | 2005904    | 18.149 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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