

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\F062018AL\  
 Data File : FC034852.D  
 Signal(s) : FID1A.CH  
 Acq On : 21 Jun 2018 6:45  
 Operator : UA/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 22 04:44:32 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 052418.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 25 02:29:20 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.461 | 2841686    | 18.859 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.72%       |
| 12) S 1-chlorooctadecane (S... | 12.902 | 2204314    | 18.592 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.18%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.244  | 1960937    | 16.277 ug/ml |
| 2) T n-Decane (C10)            | 4.315  | 2098441    | 16.947 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.892  | 2557219    | 17.201 ug/ml |
| 4) T n-Dodecane (C12)          | 6.331  | 2273622    | 17.191 ug/ml |
| 5) T A-2-methylnaphthalene...  | 6.945  | 2644225    | 17.289 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.120  | 2439839    | 17.402 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.715  | 2530118    | 17.600 ug/ml |
| 8) T n-Octadecane (C18)        | 11.154 | 2535943    | 17.946 ug/ml |
| 10) T n-Eicosane (C20)         | 12.460 | 2600031    | 18.211 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.070 | 2588655    | 18.413 ug/ml |
| 13) T n-Docosane (C22)         | 13.655 | 2602397    | 18.637 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.756 | 2605510    | 19.399 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.775 | 2636846    | 20.357 ug/ml |
| 16) T n-Octacosane (C28)       | 16.724 | 2721194    | 21.343 ug/ml |
| 17) T n-Tricontane (C30)       | 17.608 | 2754167    | 22.522 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.442 | 2762671    | 23.003 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.223 | 2634879    | 22.879 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.962 | 2521743    | 21.906 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.681 | 2474057    | 22.245 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

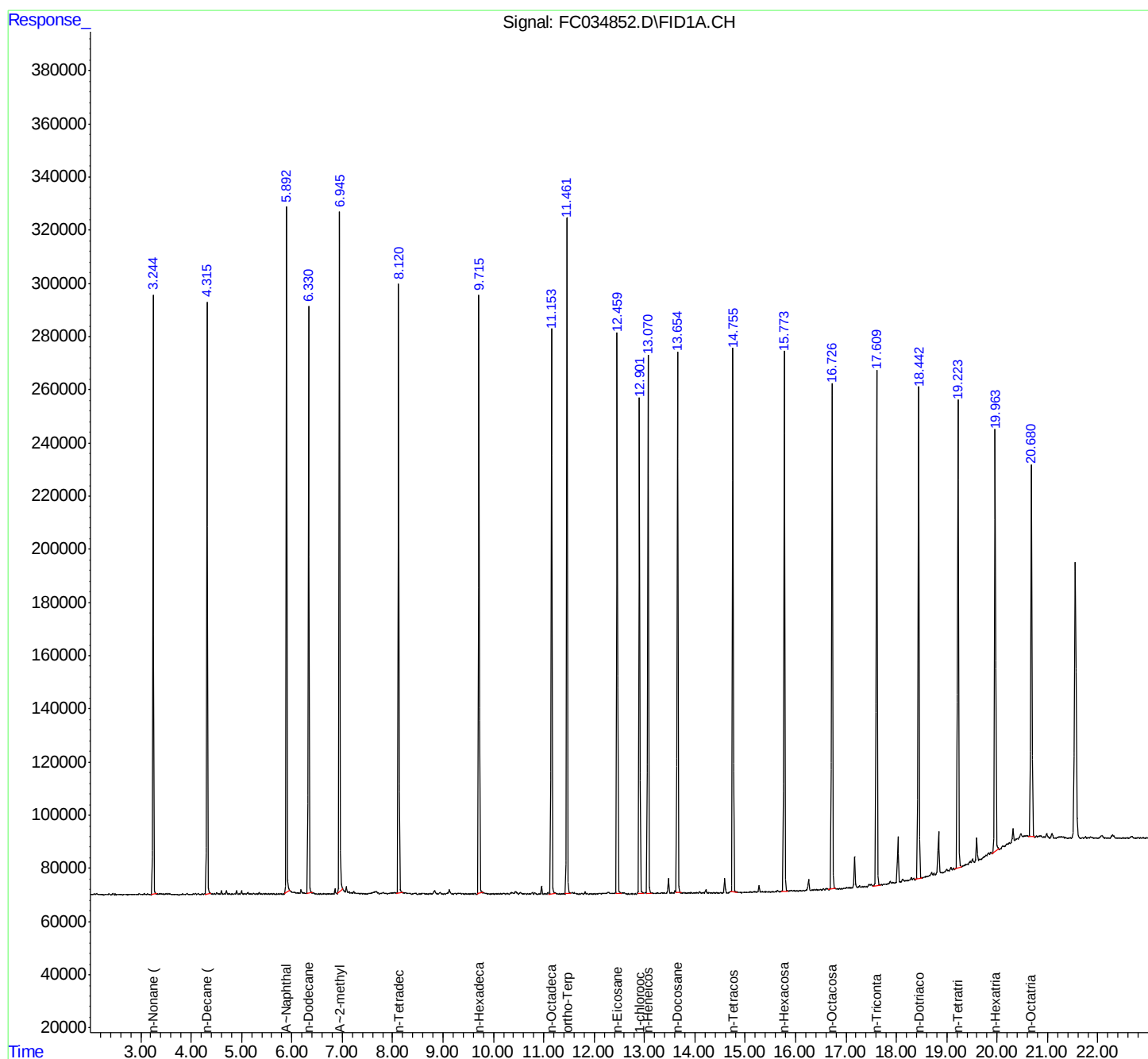
(m)=manual int.

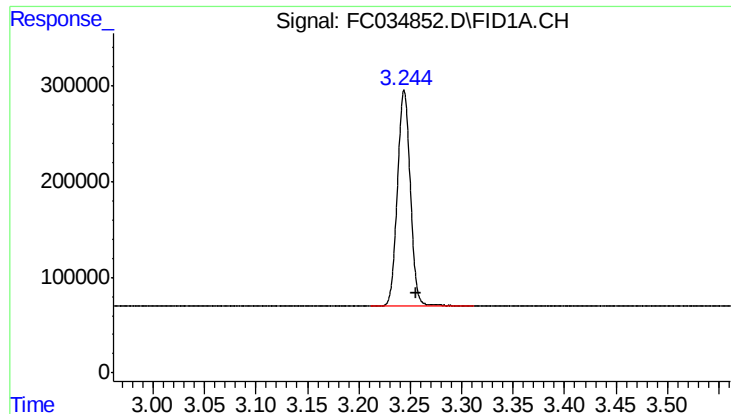
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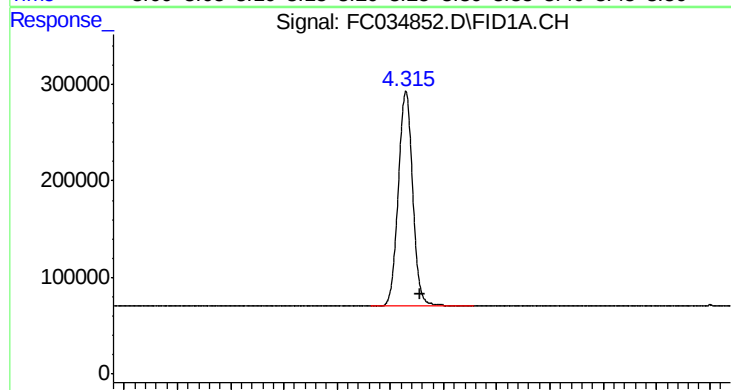




#1 n-Nonane (C9)

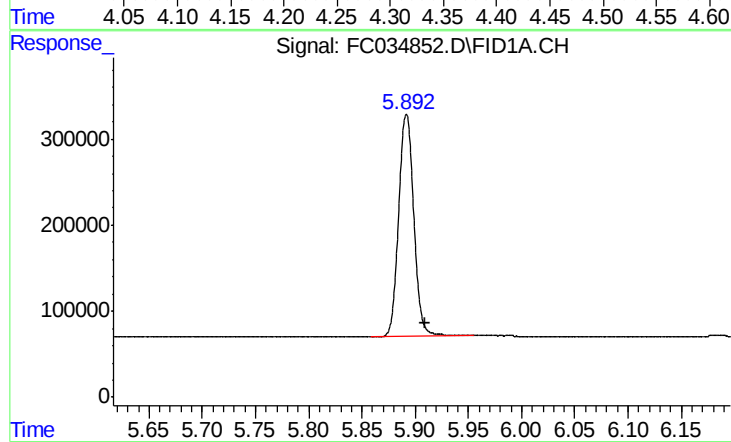
R.T.: 3.244 min  
Delta R.T.: -0.012 min  
Response: 1960937  
Conc: 16.28 ug/ml

Instrument :  
ECD\_O  
ClientSampleId :



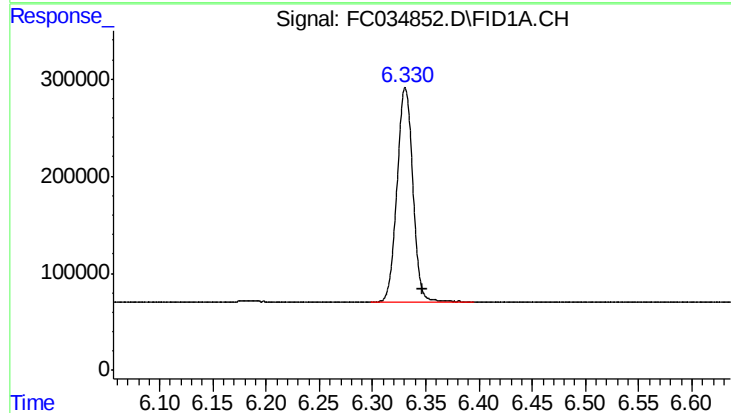
#2 n-Decane (C10)

R.T.: 4.315 min  
Delta R.T.: -0.013 min  
Response: 2098441  
Conc: 16.95 ug/ml



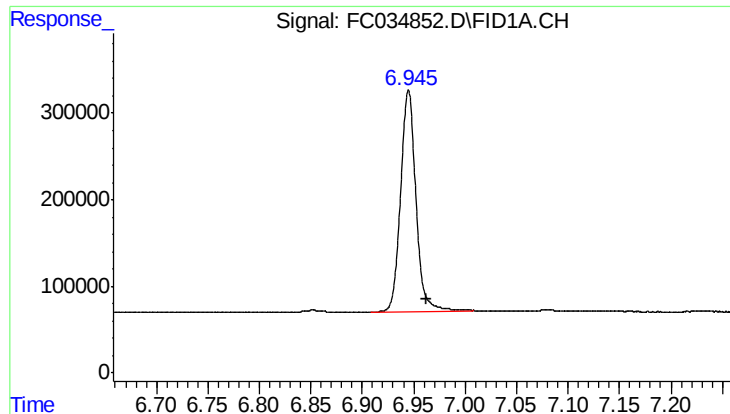
#3 A-Naphthalene (C11.7)

R.T.: 5.892 min  
Delta R.T.: -0.017 min  
Response: 2557219  
Conc: 17.20 ug/ml



#4 n-Dodecane (C12)

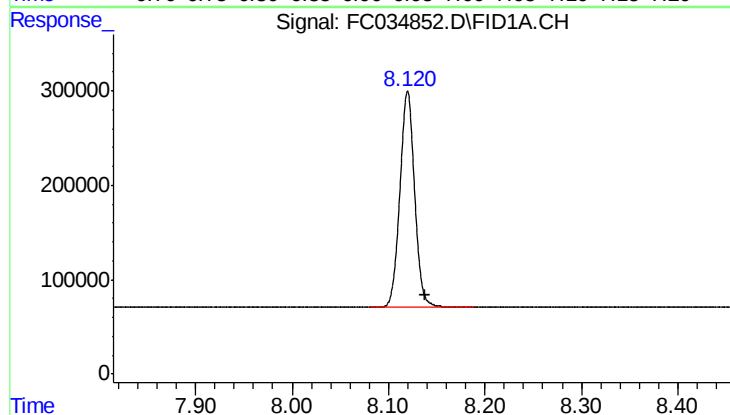
R.T.: 6.331 min  
Delta R.T.: -0.016 min  
Response: 2273622  
Conc: 17.19 ug/ml



#5 A~2-methylnaphthalene (C12.89)

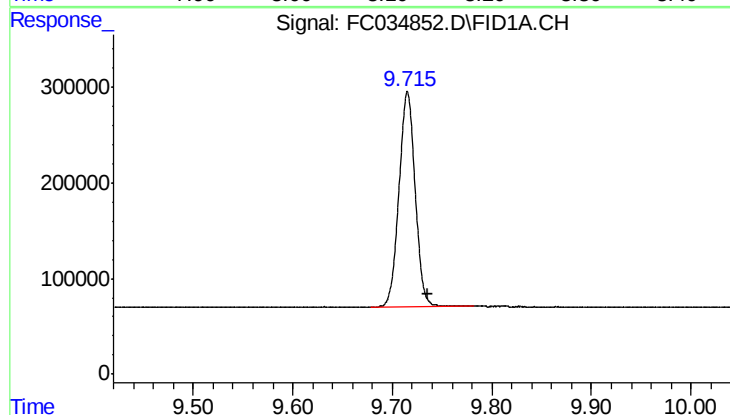
R.T.: 6.945 min  
Delta R.T.: -0.017 min  
Response: 2644225  
Conc: 17.29 ug/ml

Instrument :  
ECD\_O  
ClientSampleId :



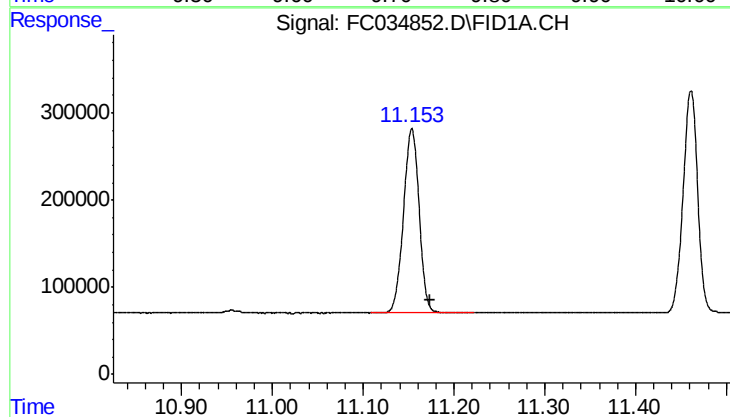
#6 n-Tetradecane (C14)

R.T.: 8.120 min  
Delta R.T.: -0.019 min  
Response: 2439839  
Conc: 17.40 ug/ml



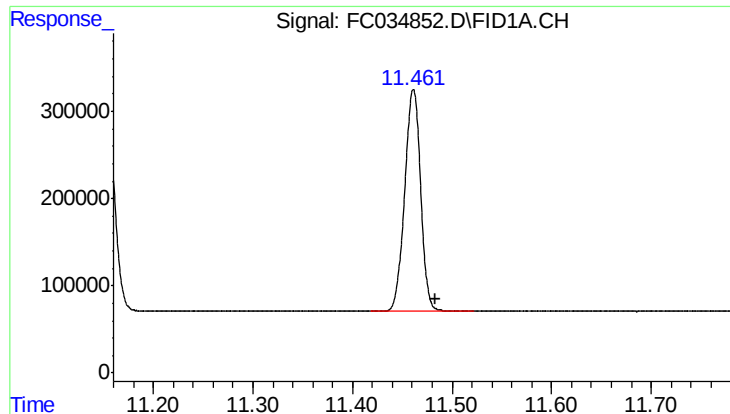
#7 n-Hexadecane (C16)

R.T.: 9.715 min  
Delta R.T.: -0.020 min  
Response: 2530118  
Conc: 17.60 ug/ml



#8 n-Octadecane (C18)

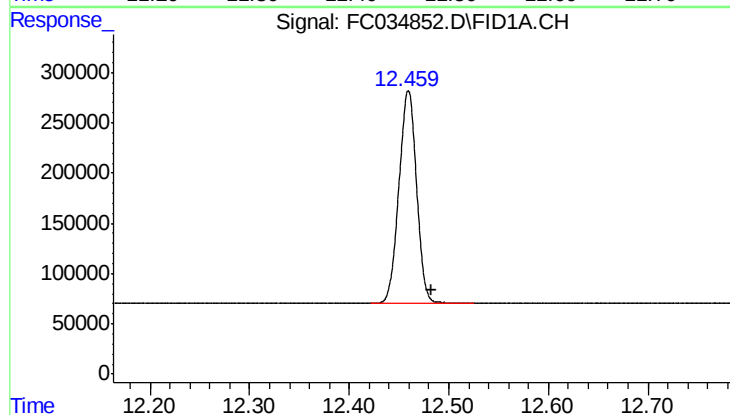
R.T.: 11.154 min  
Delta R.T.: -0.020 min  
Response: 2535943  
Conc: 17.95 ug/ml



#9 ortho-Terphenyl (SURR)

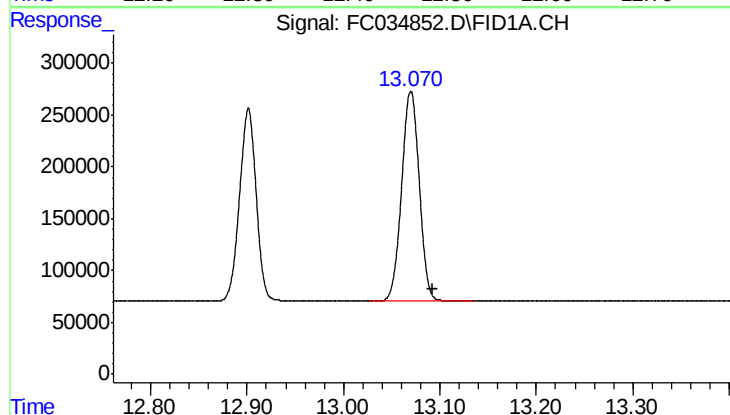
R.T.: 11.461 min  
Delta R.T.: -0.022 min  
Response: 2841686  
Conc: 18.86 ug/ml

Instrument :  
ECD\_O  
ClientSampleId :



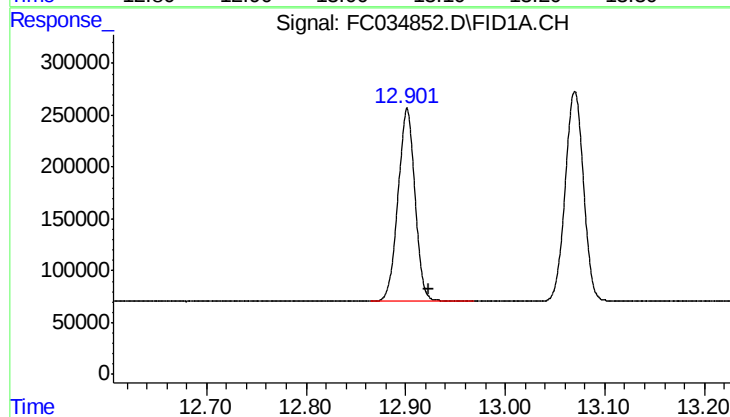
#10 n-Eicosane (C20)

R.T.: 12.460 min  
Delta R.T.: -0.023 min  
Response: 2600031  
Conc: 18.21 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.070 min  
Delta R.T.: -0.023 min  
Response: 2588655  
Conc: 18.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.902 min  
Delta R.T.: -0.022 min  
Response: 2204314  
Conc: 18.59 ug/ml