

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF051923AL\  
 Data File : FF012632.D  
 Signal(s) : FID2B.ch  
 Acq On : 19 May 2023 14:02  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: May 20 00:40:08 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 051923.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 19 12:25:00 2023  
 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)    | 10.915 | 2956522    | 18.458 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.92%       |
| 12) S 1-chlorooctadecane (S... | 12.347 | 2182795    | 18.469 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.94%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.771  | 2436462    | 18.618 ug/ml |
| 2) T n-Decane (C10)            | 3.781  | 2471906    | 18.502 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.348  | 2635980    | 18.709 ug/ml |
| 4) T n-Dodecane (C12)          | 5.768  | 2501351    | 18.480 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.397  | 2478715    | 18.676 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.557  | 2467885    | 18.445 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.155  | 2562299    | 18.509 ug/ml |
| 8) T n-Octadecane (C18)        | 10.595 | 2622222    | 18.421 ug/ml |
| 10) T n-Eicosane (C20)         | 11.902 | 2535393    | 18.436 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.512 | 2488966    | 18.404 ug/ml |
| 13) T n-Docosane (C22)         | 13.098 | 2461644    | 18.389 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.199 | 2420326    | 18.407 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.219 | 2328990    | 18.317 ug/ml |
| 16) T n-Octacosane (C28)       | 16.168 | 2236178    | 18.188 ug/ml |
| 17) T n-Tricontane (C30)       | 17.054 | 2219641    | 17.979 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.886 | 2157419    | 17.831 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.667 | 2105190    | 17.994 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.405 | 2058573    | 18.271 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.136 | 2044559    | 18.356 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.033 | 2001833    | 18.141 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

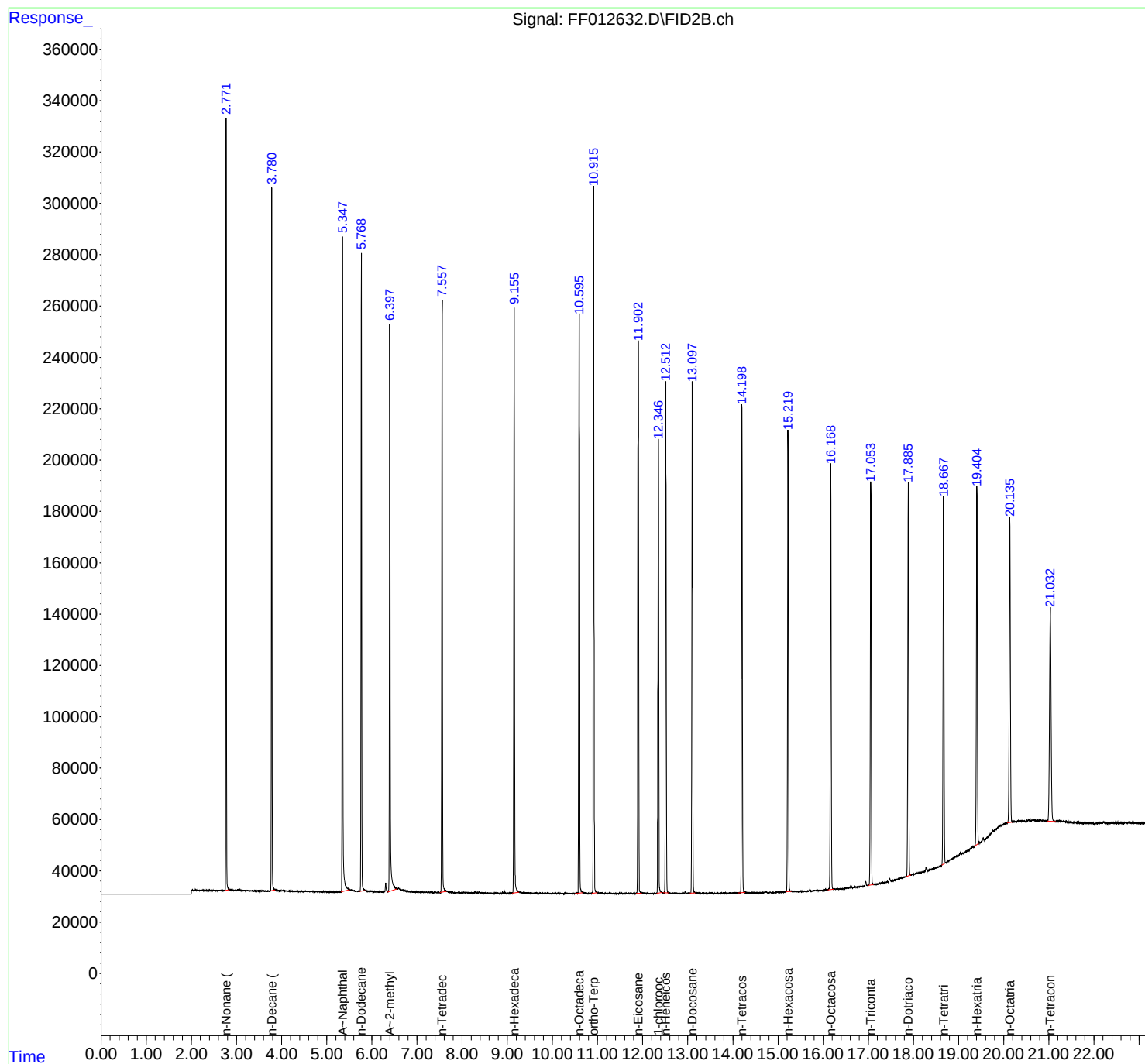
(m)=manual int.

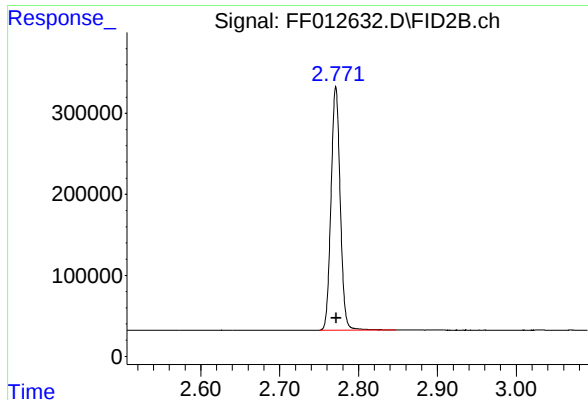
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF051923AL\  
Data File : FF012632.D  
Signal(s) : FID2B.ch  
Acq On : 19 May 2023 14:02  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 66 Sample Multiplier: 1

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20 PPM ALIPHATIC HC STD

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Quant Title : GC Extractables  
QLast Update : Fri May 19 12:25:00 2023  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

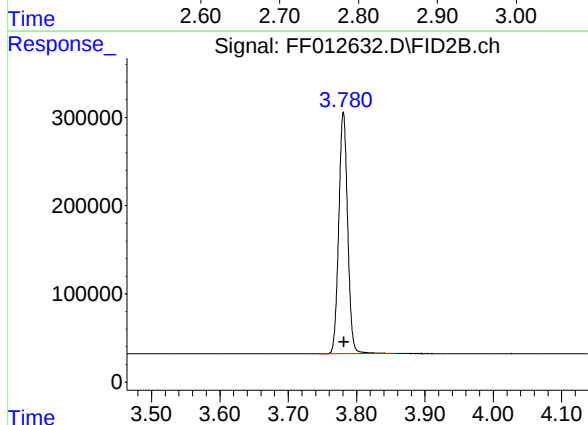




#1 n-Nonane (C9)

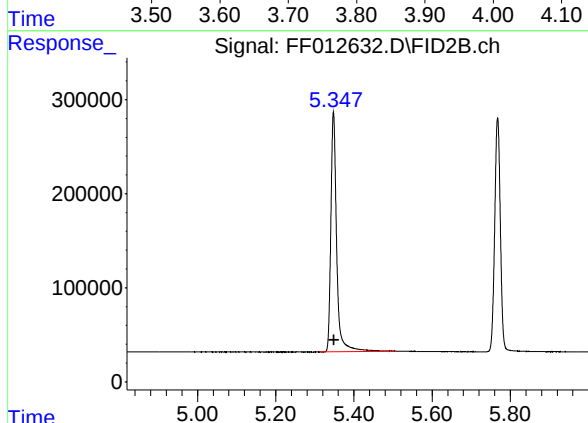
R.T.: 2.771 min  
Delta R.T.: 0.000 min  
Response: 2436462  
Conc: 18.62 ug/ml

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



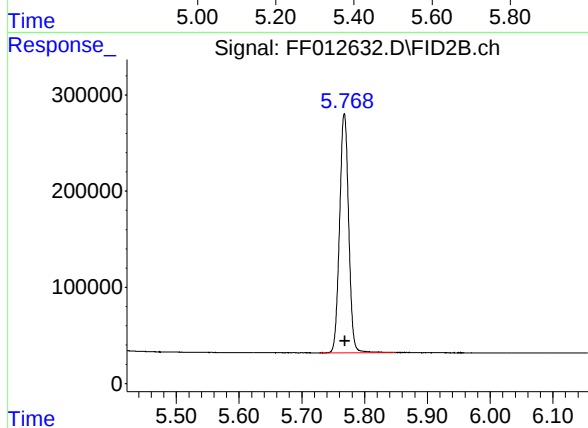
#2 n-Decane (C10)

R.T.: 3.781 min  
Delta R.T.: -0.001 min  
Response: 2471906  
Conc: 18.50 ug/ml



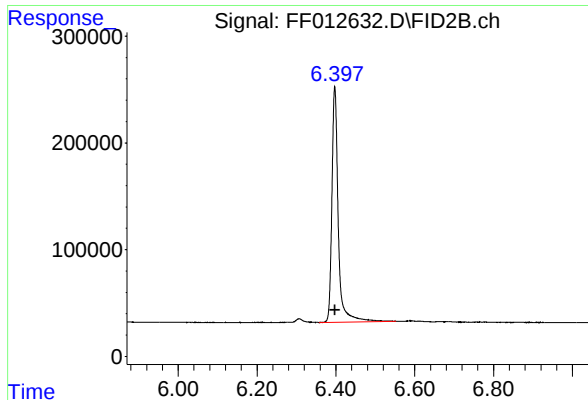
#3 A~Naphthalene (C11.7)

R.T.: 5.348 min  
Delta R.T.: -0.001 min  
Response: 2635980  
Conc: 18.71 ug/ml



#4 n-Dodecane (C12)

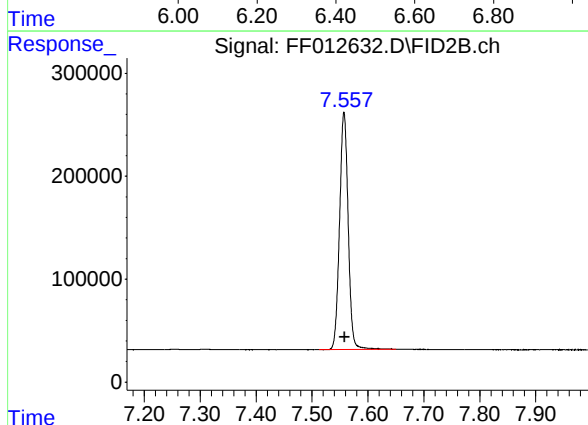
R.T.: 5.768 min  
Delta R.T.: 0.000 min  
Response: 2501351  
Conc: 18.48 ug/ml



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

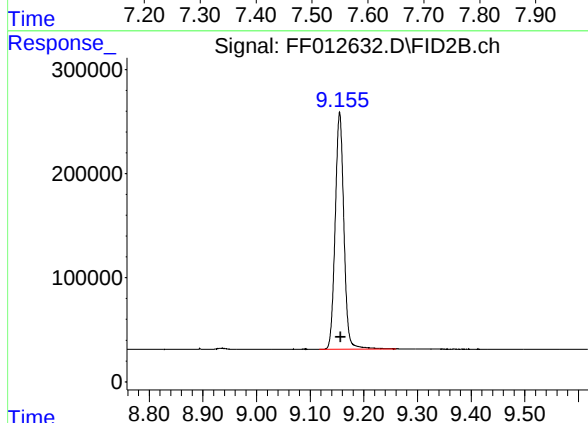
R.T.: 6.397 min  
Delta R.T.: 0.000 min  
Response: 2478715  
Conc: 18.68 ug/ml

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



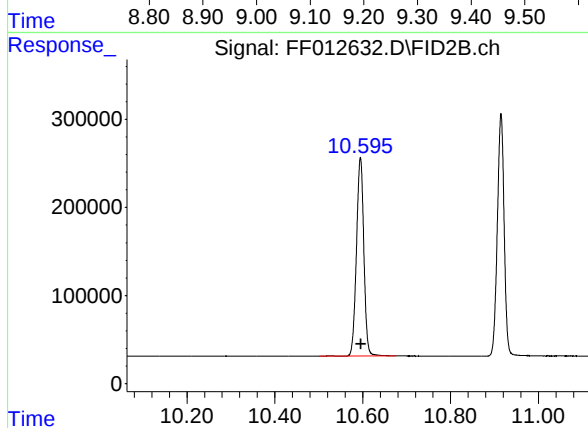
#6 n-Tetradecane (C14)

R.T.: 7.557 min  
Delta R.T.: -0.001 min  
Response: 2467885  
Conc: 18.45 ug/ml



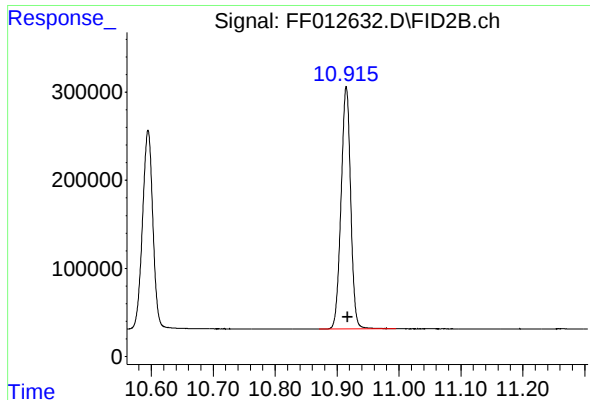
#7 n-Hexadecane (C16)

R.T.: 9.155 min  
Delta R.T.: -0.002 min  
Response: 2562299  
Conc: 18.51 ug/ml



#8 n-Octadecane (C18)

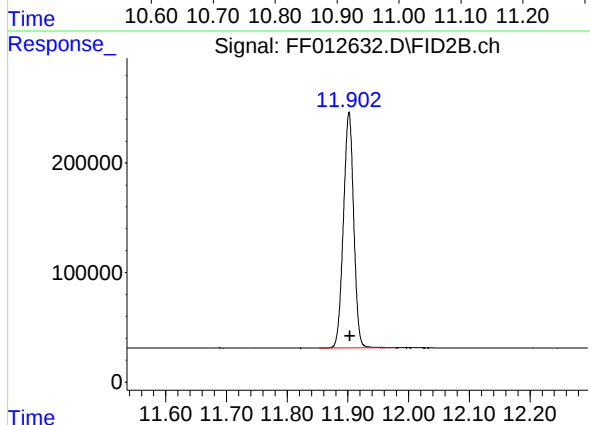
R.T.: 10.595 min  
Delta R.T.: -0.001 min  
Response: 2622222  
Conc: 18.42 ug/ml



#9 ortho-Terphenyl (SURR)

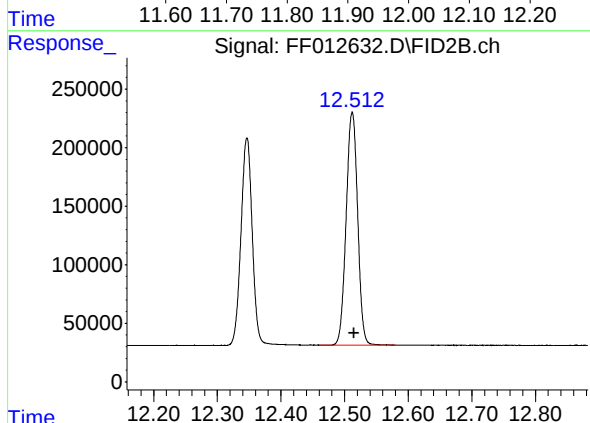
R.T.: 10.915 min  
Delta R.T.: -0.002 min  
Response: 2956522  
Conc: 18.46 ug/ml

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



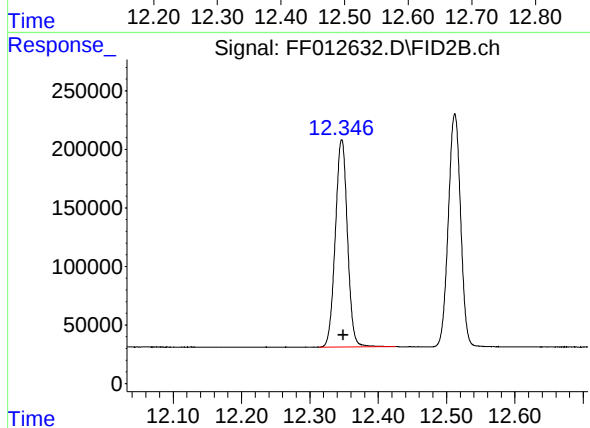
#10 n-Eicosane (C20)

R.T.: 11.902 min  
Delta R.T.: -0.002 min  
Response: 2535393  
Conc: 18.44 ug/ml



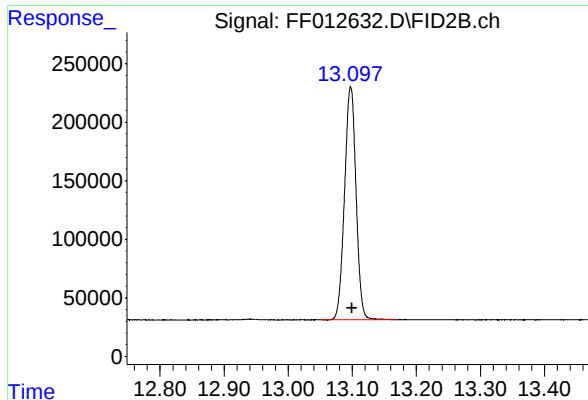
#11 n-Heneicosane (C21)

R.T.: 12.512 min  
Delta R.T.: -0.003 min  
Response: 2488966  
Conc: 18.40 ug/ml



#12 1-chlorooctadecane (SURR)

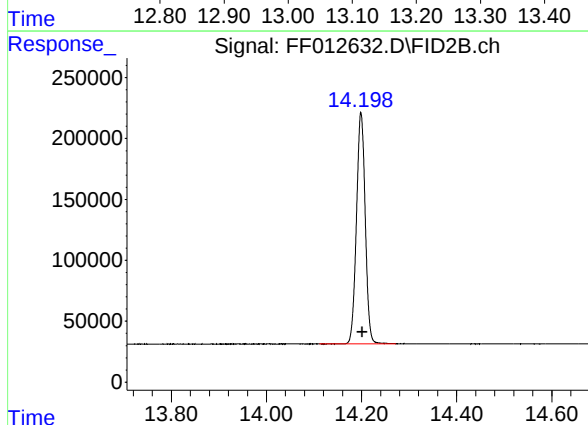
R.T.: 12.347 min  
Delta R.T.: -0.003 min  
Response: 2182795  
Conc: 18.47 ug/ml



#13 n-Docosane (C22)

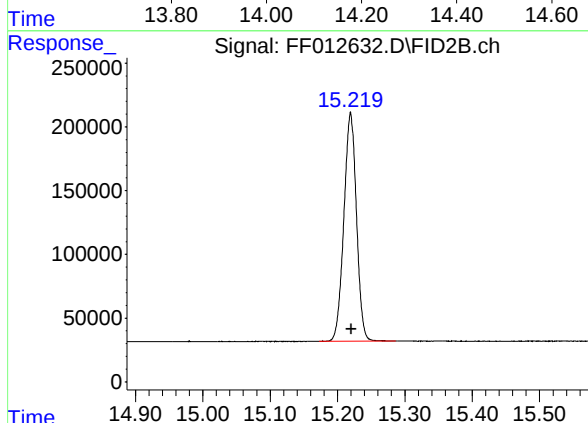
R.T.: 13.098 min  
Delta R.T.: -0.002 min  
Response: 2461644  
Conc: 18.39 ug/ml

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



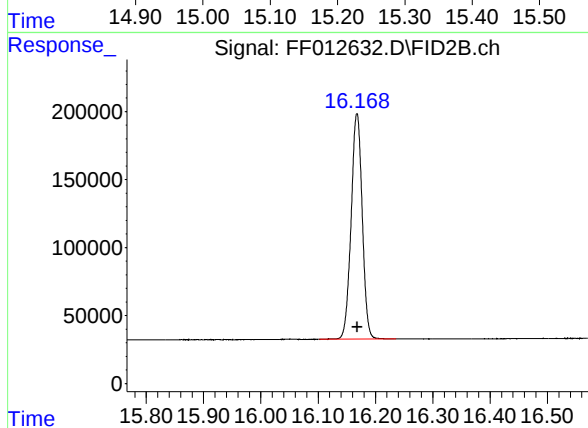
#14 n-Tetracosane (C24)

R.T.: 14.199 min  
Delta R.T.: -0.003 min  
Response: 2420326  
Conc: 18.41 ug/ml



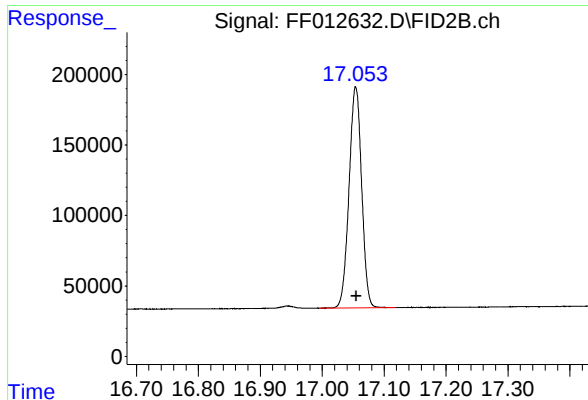
#15 n-Hexacosane (C26)

R.T.: 15.219 min  
Delta R.T.: -0.001 min  
Response: 2328990  
Conc: 18.32 ug/ml



#16 n-Octacosane (C28)

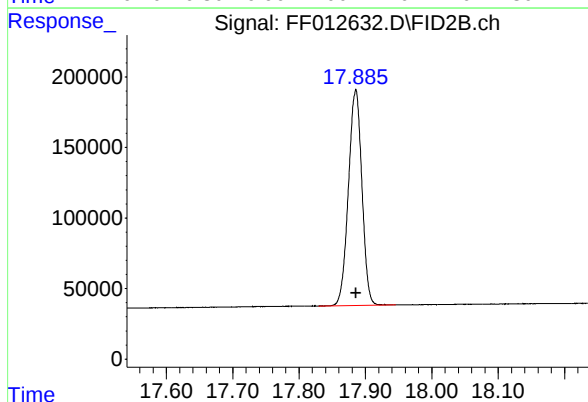
R.T.: 16.168 min  
Delta R.T.: 0.000 min  
Response: 2236178  
Conc: 18.19 ug/ml



#17 n-Tricontane (C30)

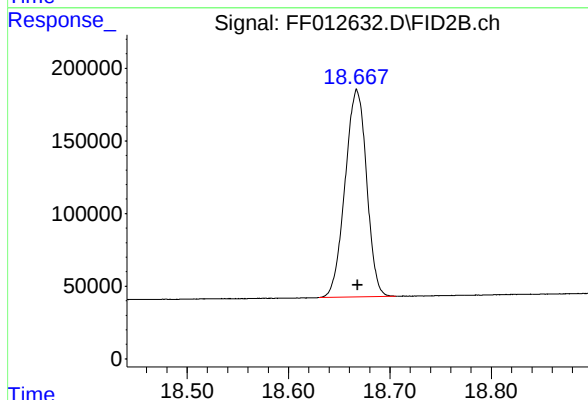
R.T.: 17.054 min  
Delta R.T.: 0.000 min  
Response: 2219641  
Conc: 17.98 ug/ml

Instrument :  
FID\_F  
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20 PPM ALIPHATIC HC STD



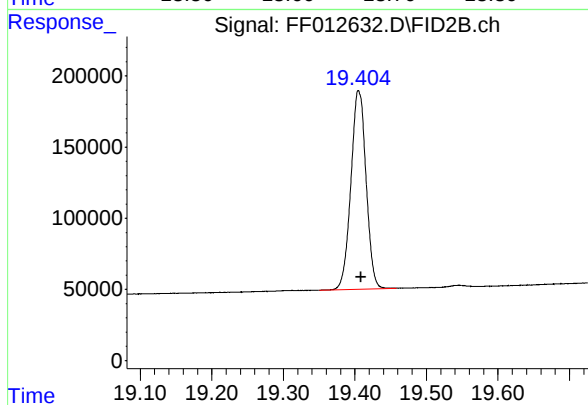
#18 n-Dotriacontane (C32)

R.T.: 17.886 min  
Delta R.T.: 0.000 min  
Response: 2157419  
Conc: 17.83 ug/ml



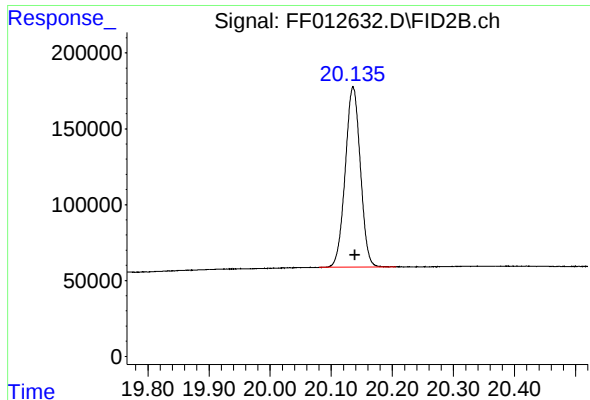
#19 n-Tetatriacontane (C34)

R.T.: 18.667 min  
Delta R.T.: -0.001 min  
Response: 2105190  
Conc: 17.99 ug/ml



#20 n-Hexatriacontane (C36)

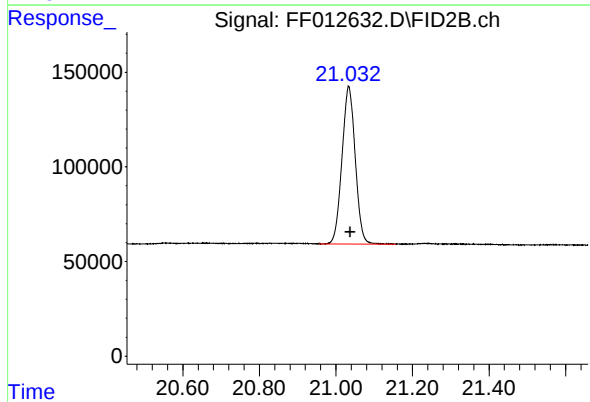
R.T.: 19.405 min  
Delta R.T.: -0.003 min  
Response: 2058573  
Conc: 18.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.136 min  
Delta R.T.: -0.003 min  
Response: 2044559  
Conc: 18.36 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.033 min  
Delta R.T.: -0.005 min  
Response: 2001833  
Conc: 18.14 ug/ml