

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF052223AL\  
 Data File : FF012678.D  
 Signal(s) : FID2B.ch  
 Acq On : 22 May 2023 11:05  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: May 23 03:13:01 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)    | 10.906 | 3446161    | 21.515 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.03%       |
| 12) S 1-chlorooctadecane (S... | 12.339 | 2549410    | 21.571 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 43.14%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.769  | 2827604    | 21.607 ug/ml |
| 2) T n-Decane (C10)            | 3.777  | 2894282    | 21.664 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.342  | 2965590    | 21.048 ug/ml |
| 4) T n-Dodecane (C12)          | 5.762  | 2921942    | 21.587 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.391  | 2794667    | 21.057 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.551  | 2875001    | 21.488 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.148  | 2967674    | 21.437 ug/ml |
| 8) T n-Octadecane (C18)        | 10.587 | 3069299    | 21.561 ug/ml |
| 10) T n-Eicosane (C20)         | 11.894 | 2976236    | 21.642 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.505 | 2925757    | 21.634 ug/ml |
| 13) T n-Docosane (C22)         | 13.089 | 2892479    | 21.607 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.190 | 2838360    | 21.587 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.209 | 2748680    | 21.618 ug/ml |
| 16) T n-Octacosane (C28)       | 16.157 | 2656426    | 21.606 ug/ml |
| 17) T n-Tricontane (C30)       | 17.042 | 2691533    | 21.802 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.875 | 2642370    | 21.839 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.656 | 2561189    | 21.892 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.395 | 2462049    | 21.852 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.122 | 2418721    | 21.715 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.016 | 2334599    | 21.157 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

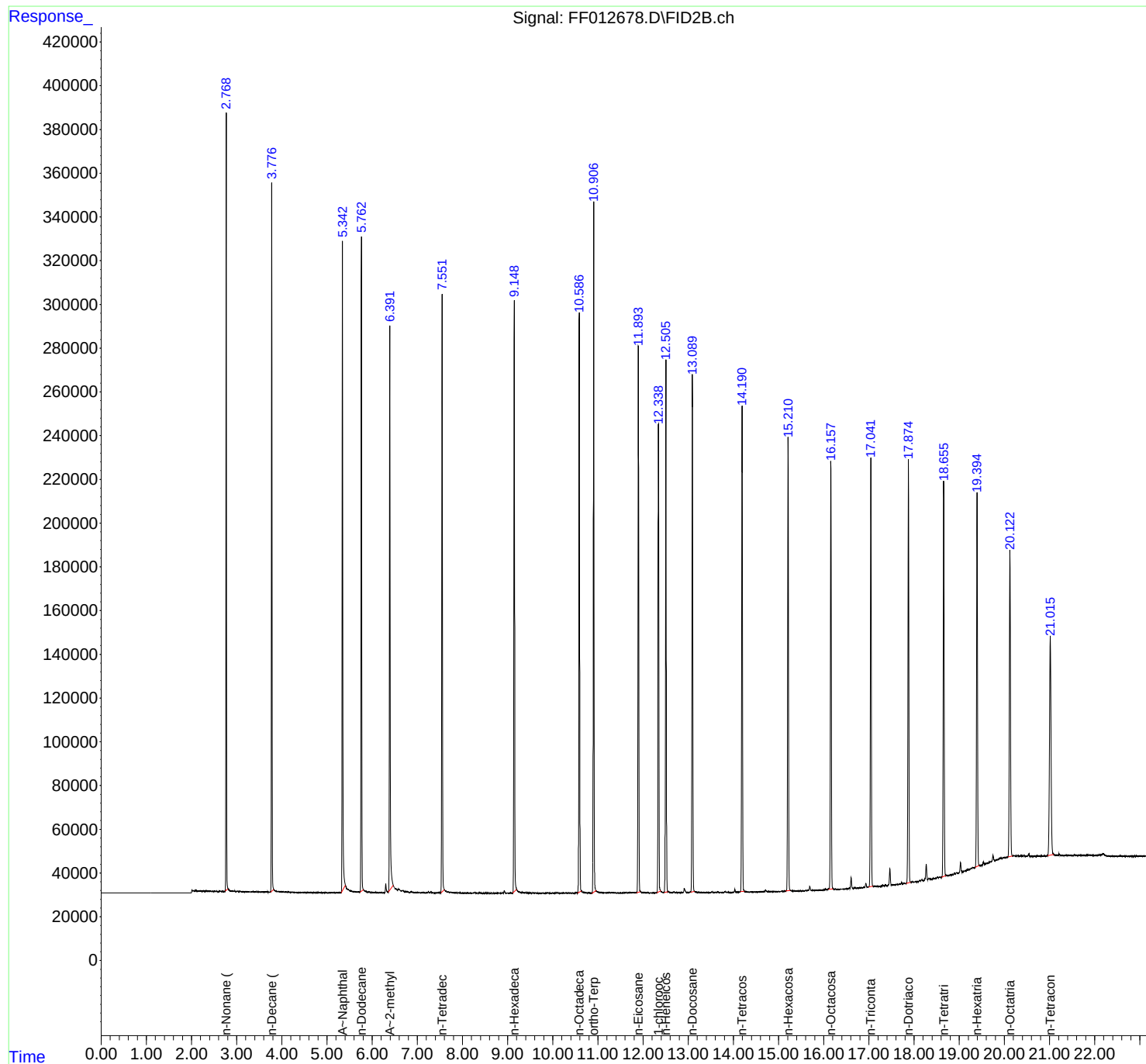
(m)=manual int.

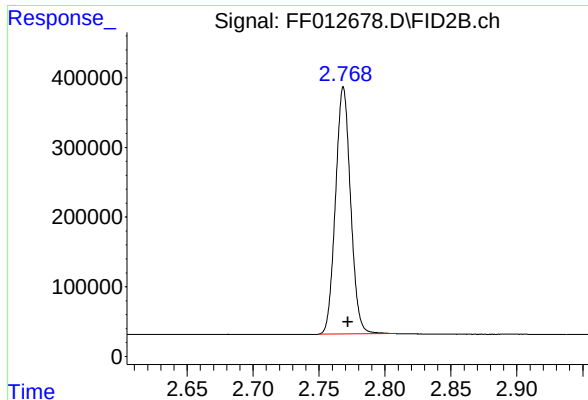
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF052223AL\  
Data File : FF012678.D  
Signal(s) : FID2B.ch  
Acq On : 22 May 2023 11:05  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: May 23 03:13:01 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

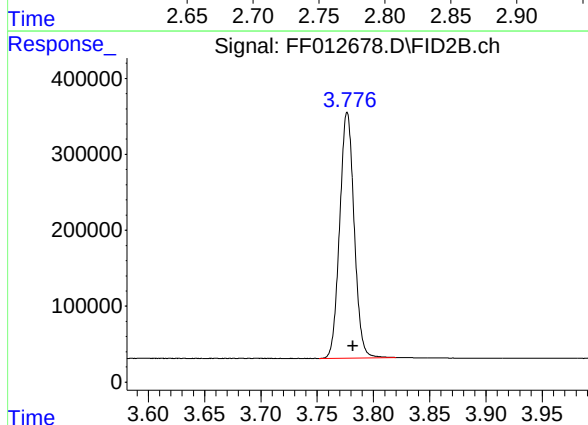




#1 n-Nonane (C9)

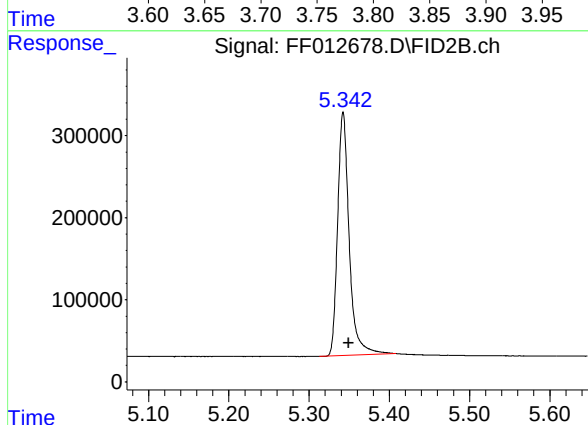
R.T.: 2.769 min  
Delta R.T.: -0.003 min  
Response: 2827604  
Conc: 21.61 ug/ml

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



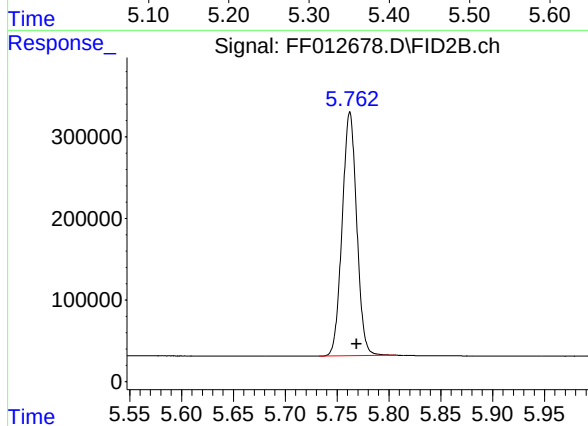
#2 n-Decane (C10)

R.T.: 3.777 min  
Delta R.T.: -0.005 min  
Response: 2894282  
Conc: 21.66 ug/ml



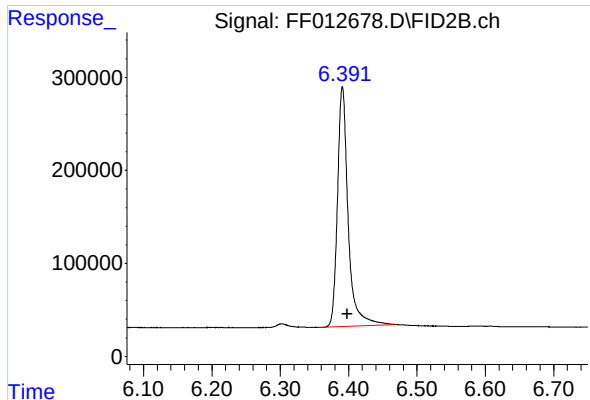
#3 A~Naphthalene (C11.7)

R.T.: 5.342 min  
Delta R.T.: -0.007 min  
Response: 2965590  
Conc: 21.05 ug/ml



#4 n-Dodecane (C12)

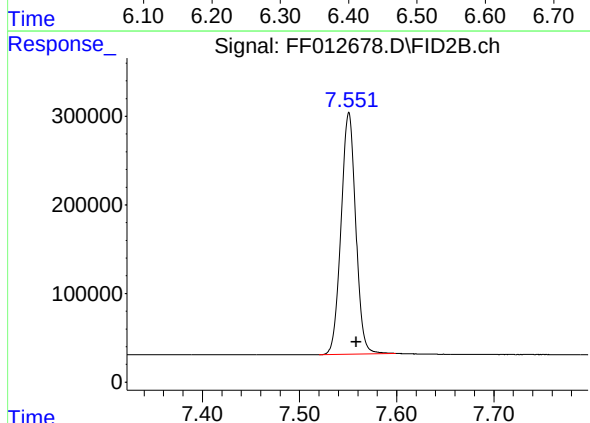
R.T.: 5.762 min  
Delta R.T.: -0.006 min  
Response: 2921942  
Conc: 21.59 ug/ml



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

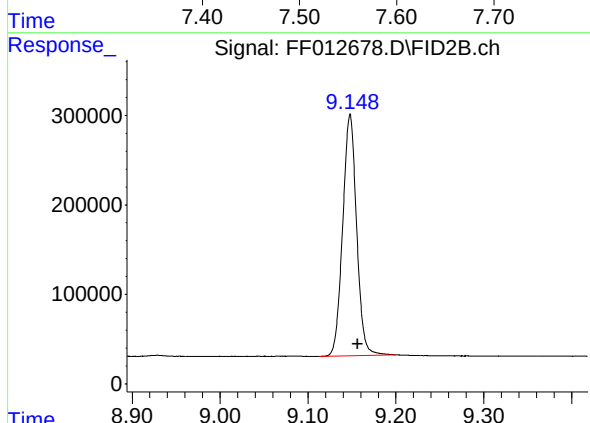
R.T.: 6.391 min  
Delta R.T.: -0.007 min  
Response: 2794667  
Conc: 21.06 ug/ml

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



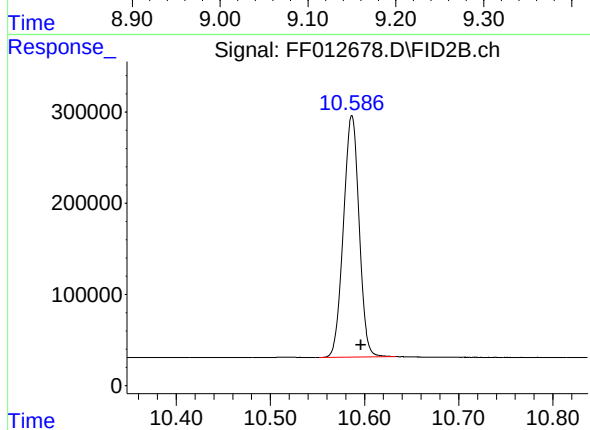
#6 n-Tetradecane (C14)

R.T.: 7.551 min  
Delta R.T.: -0.008 min  
Response: 2875001  
Conc: 21.49 ug/ml



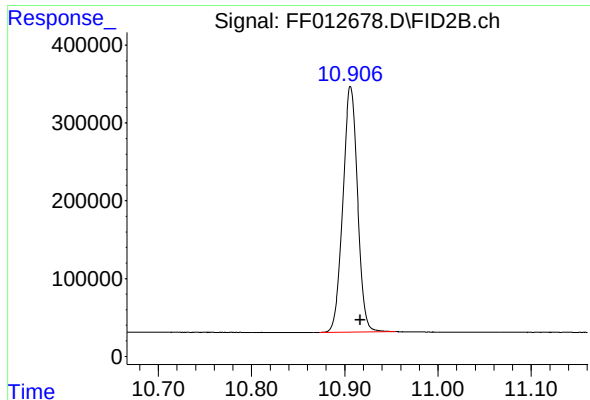
#7 n-Hexadecane (C16)

R.T.: 9.148 min  
Delta R.T.: -0.009 min  
Response: 2967674  
Conc: 21.44 ug/ml



#8 n-Octadecane (C18)

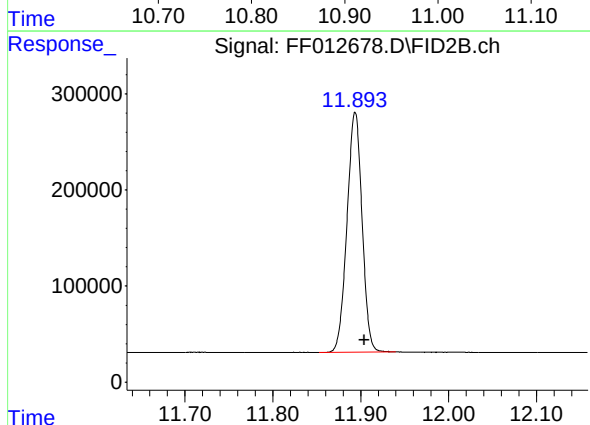
R.T.: 10.587 min  
Delta R.T.: -0.010 min  
Response: 3069299  
Conc: 21.56 ug/ml



#9 ortho-Terphenyl (SURR)

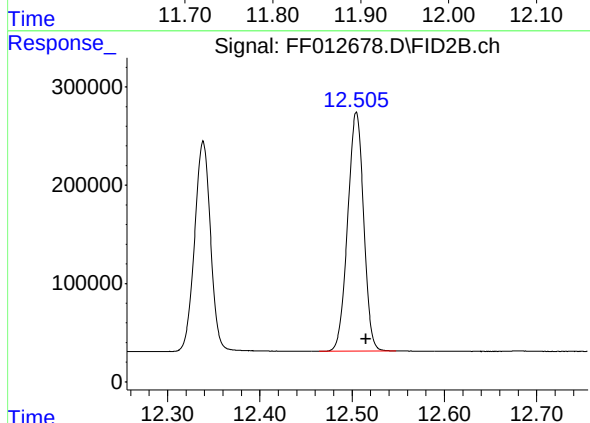
R.T.: 10.906 min  
Delta R.T.: -0.011 min  
Response: 3446161  
Conc: 21.51 ug/ml

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



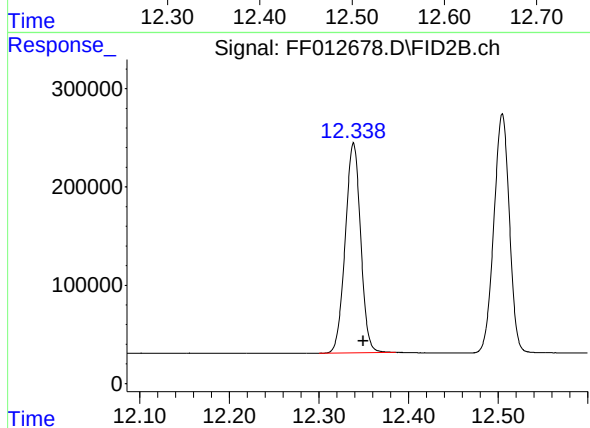
#10 n-Eicosane (C20)

R.T.: 11.894 min  
Delta R.T.: -0.010 min  
Response: 2976236  
Conc: 21.64 ug/ml



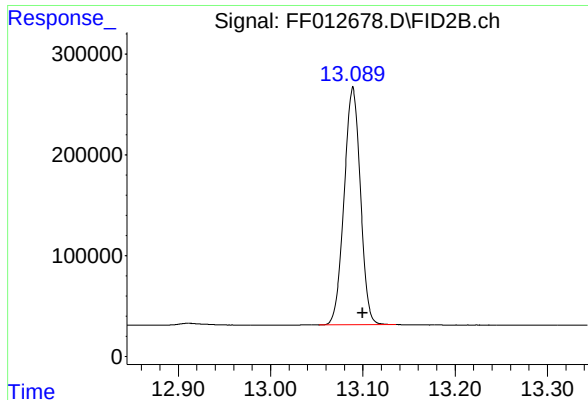
#11 n-Heneicosane (C21)

R.T.: 12.505 min  
Delta R.T.: -0.010 min  
Response: 2925757  
Conc: 21.63 ug/ml



#12 1-chlorooctadecane (SURR)

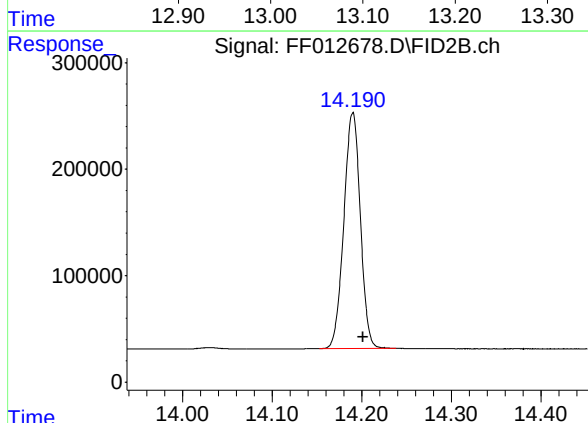
R.T.: 12.339 min  
Delta R.T.: -0.011 min  
Response: 2549410  
Conc: 21.57 ug/ml



#13 n-Docosane (C22)

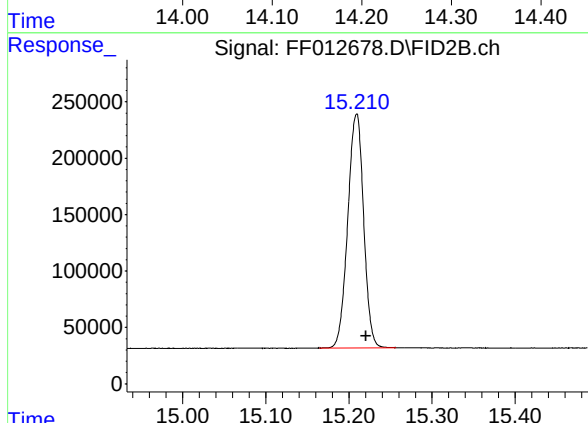
R.T.: 13.089 min  
Delta R.T.: -0.011 min  
Response: 2892479  
Conc: 21.61 ug/ml

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



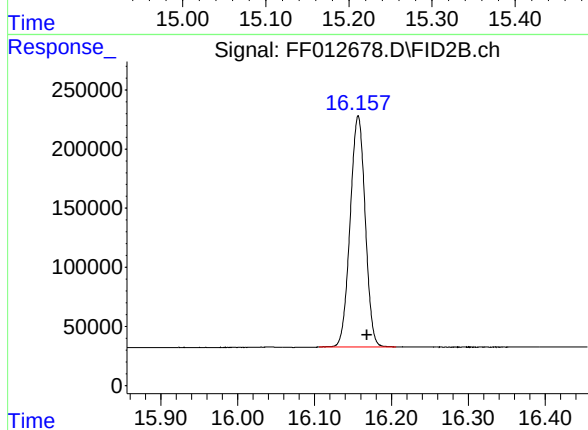
#14 n-Tetracosane (C24)

R.T.: 14.190 min  
Delta R.T.: -0.011 min  
Response: 2838360  
Conc: 21.59 ug/ml



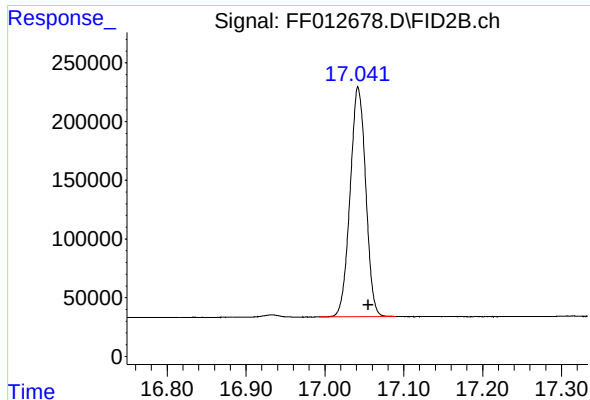
#15 n-Hexacosane (C26)

R.T.: 15.209 min  
Delta R.T.: -0.011 min  
Response: 2748680  
Conc: 21.62 ug/ml



#16 n-Octacosane (C28)

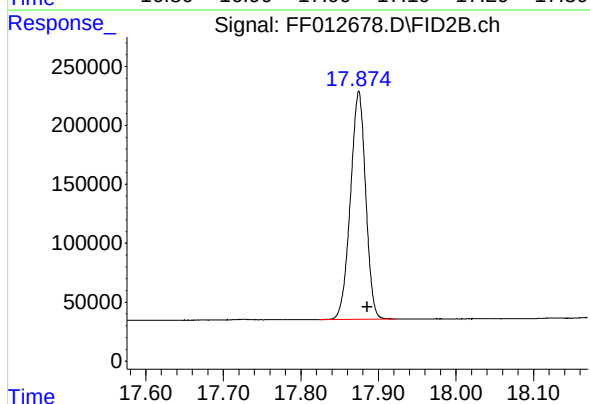
R.T.: 16.157 min  
Delta R.T.: -0.011 min  
Response: 2656426  
Conc: 21.61 ug/ml



#17 n-Tricontane (C30)

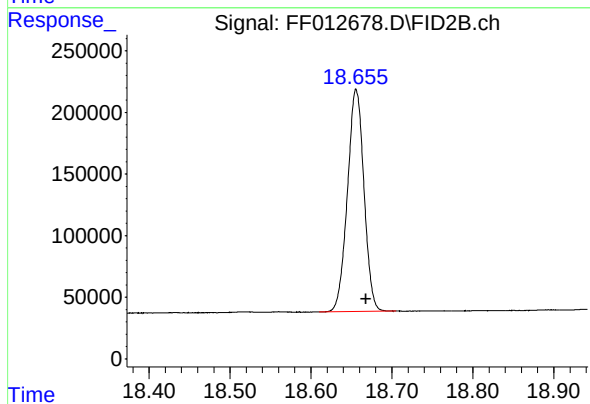
R.T.: 17.042 min  
Delta R.T.: -0.013 min  
Response: 2691533  
Conc: 21.80 ug/ml

Instrument :  
FID\_F  
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20 PPM ALIPHATIC HC STD



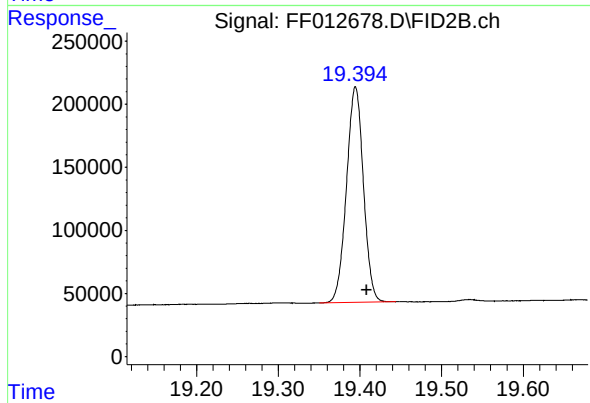
#18 n-Dotriacontane (C32)

R.T.: 17.875 min  
Delta R.T.: -0.011 min  
Response: 2642370  
Conc: 21.84 ug/ml



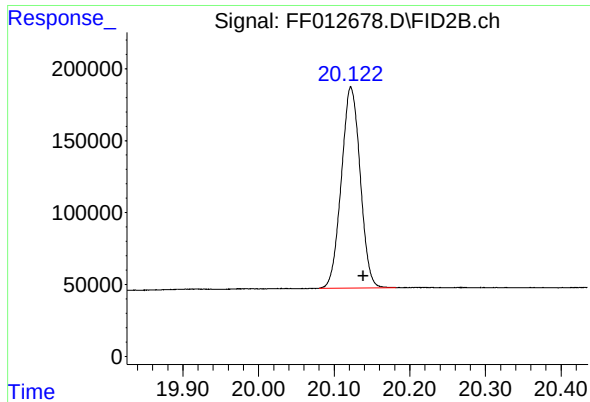
#19 n-Tetatriacontane (C34)

R.T.: 18.656 min  
Delta R.T.: -0.013 min  
Response: 2561189  
Conc: 21.89 ug/ml



#20 n-Hexatriacontane (C36)

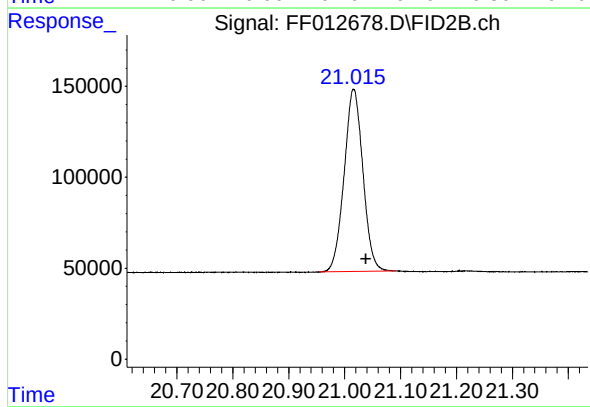
R.T.: 19.395 min  
Delta R.T.: -0.014 min  
Response: 2462049  
Conc: 21.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.122 min  
Delta R.T.: -0.017 min  
Response: 2418721  
Conc: 21.71 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.016 min  
Delta R.T.: -0.022 min  
Response: 2334599  
Conc: 21.16 ug/ml