

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC011323AL\  
 Data File : FC062665.D  
 Signal(s) : FID1A.ch  
 Acq On : 14 Jan 2023 03:07  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jan 16 02:14:06 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010523.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 05 04:54:00 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)    | 11.554 | 2679084    | 18.962 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.92%       |
| 12) S 1-chlorooctadecane (S... | 12.993 | 2021717    | 19.193 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.39%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.310  | 2418966    | 18.089 ug/ml |
| 2) T n-Decane (C10)            | 4.379  | 2406868    | 18.558 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.964  | 2710219    | 18.443 ug/ml |
| 4) T n-Dodecane (C12)          | 6.400  | 2342419    | 18.226 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.022  | 2538074    | 18.564 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.196  | 2403495    | 18.671 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.798  | 2440246    | 18.896 ug/ml |
| 8) T n-Octadecane (C18)        | 11.239 | 2471806    | 19.088 ug/ml |
| 10) T n-Eicosane (C20)         | 12.549 | 2382069    | 19.302 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.161 | 2368948    | 19.328 ug/ml |
| 13) T n-Docosane (C22)         | 13.747 | 2338955    | 19.564 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.848 | 2363115    | 20.291 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.867 | 2294355    | 20.423 ug/ml |
| 16) T n-Octacosane (C28)       | 16.817 | 2336034    | 21.275 ug/ml |
| 17) T n-Tricontane (C30)       | 17.703 | 2450541    | 22.628 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.533 | 2525466    | 23.133 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.314 | 2412572    | 22.191 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.051 | 2209006    | 19.859 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.784 | 2149720    | 20.299 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.692 | 2117751    | 19.886 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

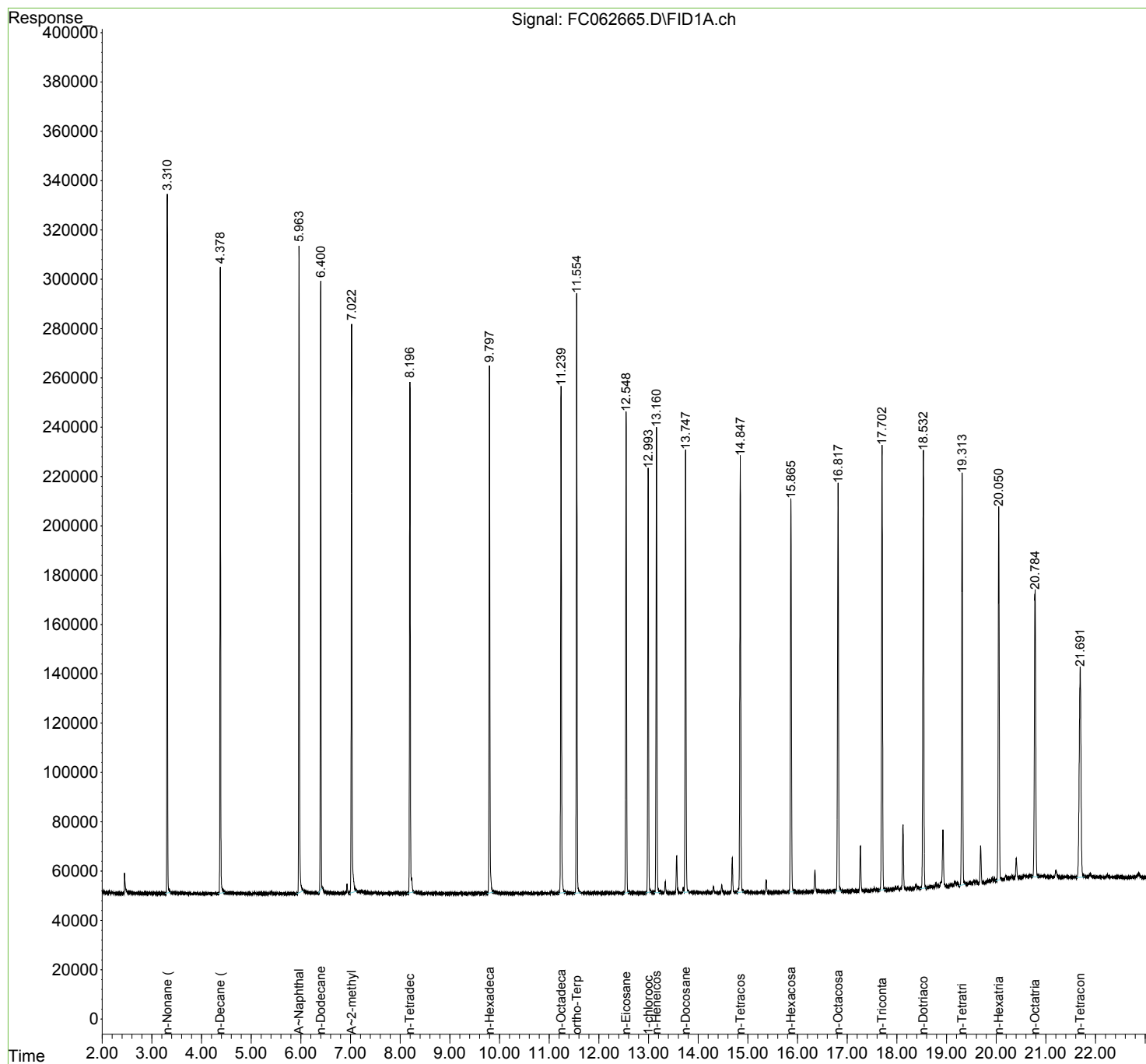
(m)=manual int.

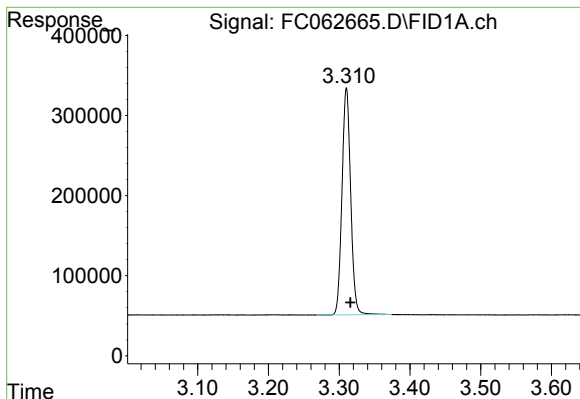
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC011323AL\  
Data File : FC062665.D  
Signal(s) : FID1A.ch  
Acq On : 14 Jan 2023 03:07  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: Jan 16 02:14:06 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010523.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 05 04:54:00 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

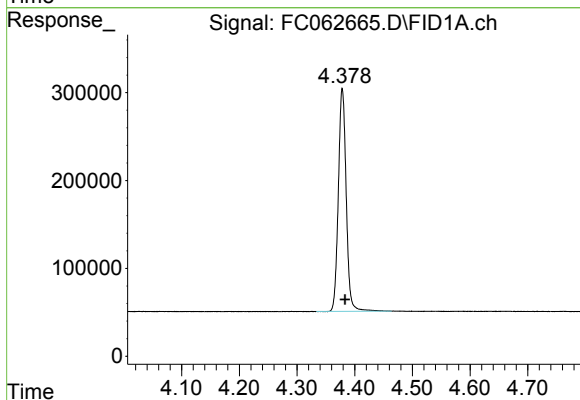




#1 n-Nonane (C9)

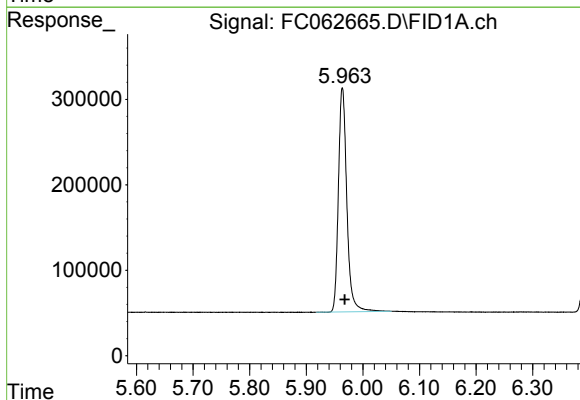
R.T.: 3.310 min  
Delta R.T.: -0.006 min  
Response: 2418966  
Conc: 18.09 ug/ml

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



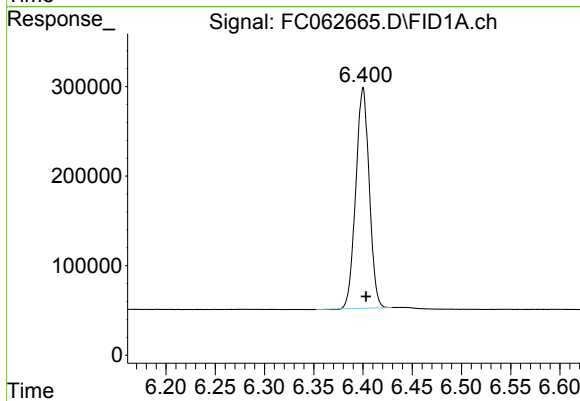
#2 n-Decane (C10)

R.T.: 4.379 min  
Delta R.T.: -0.005 min  
Response: 2406868  
Conc: 18.56 ug/ml



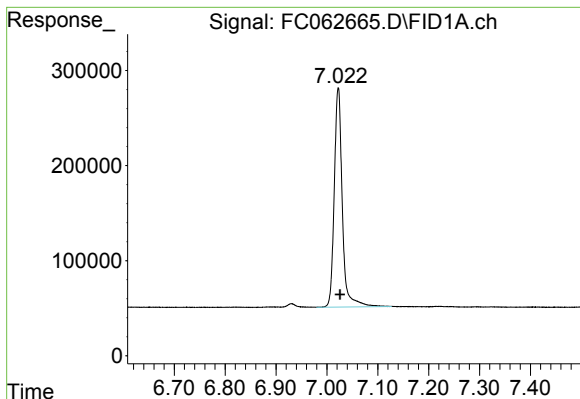
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min  
Delta R.T.: -0.004 min  
Response: 2710219  
Conc: 18.44 ug/ml



#4 n-Dodecane (C12)

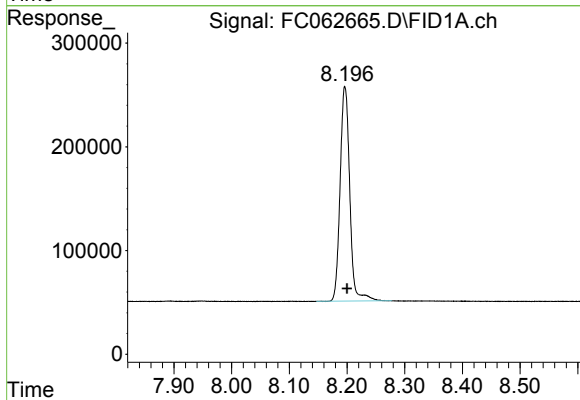
R.T.: 6.400 min  
Delta R.T.: -0.003 min  
Response: 2342419  
Conc: 18.23 ug/ml



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

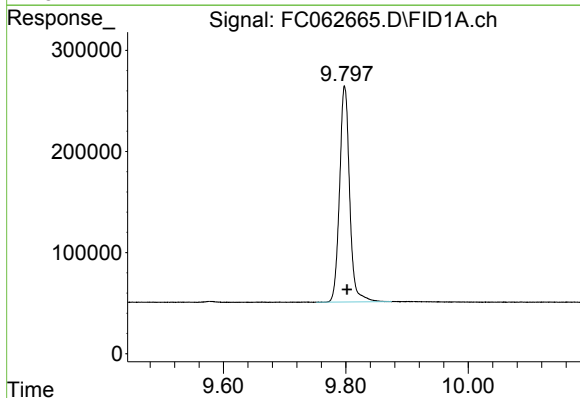
R.T.: 7.022 min  
Delta R.T.: -0.003 min  
Response: 2538074  
Conc: 18.56 ug/ml

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



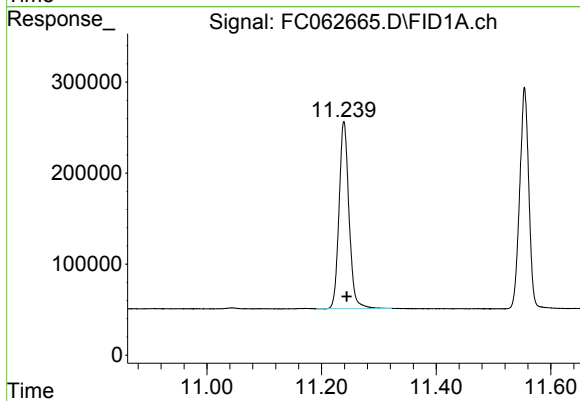
#6 n-Tetradecane (C14)

R.T.: 8.196 min  
Delta R.T.: -0.003 min  
Response: 2403495  
Conc: 18.67 ug/ml



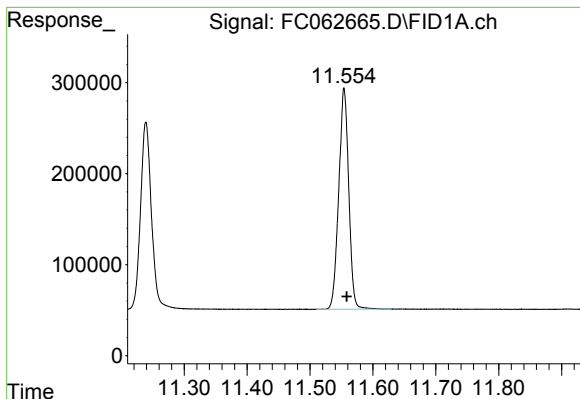
#7 n-Hexadecane (C16)

R.T.: 9.798 min  
Delta R.T.: -0.004 min  
Response: 2440246  
Conc: 18.90 ug/ml



#8 n-Octadecane (C18)

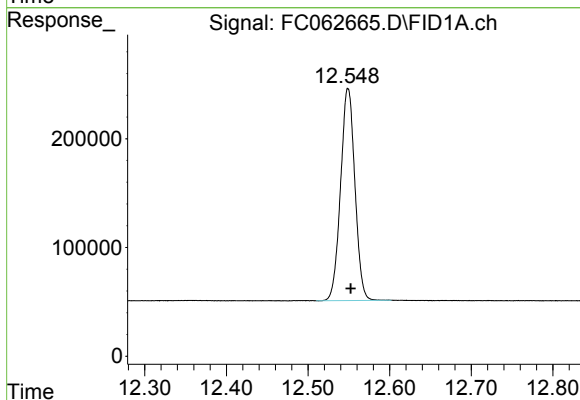
R.T.: 11.239 min  
Delta R.T.: -0.005 min  
Response: 2471806  
Conc: 19.09 ug/ml



#9 ortho-Terphenyl (SURR)

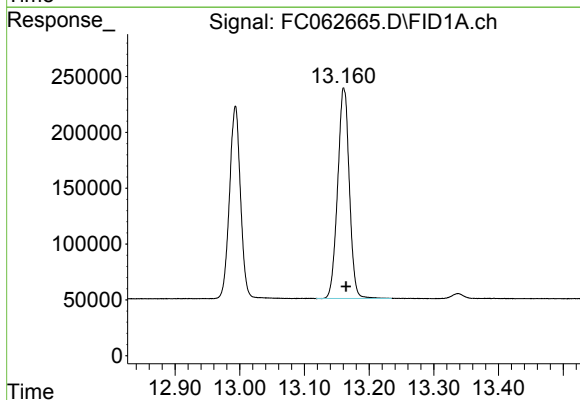
R.T.: 11.554 min  
Delta R.T.: -0.004 min  
Response: 2679084  
Conc: 18.96 ug/ml

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



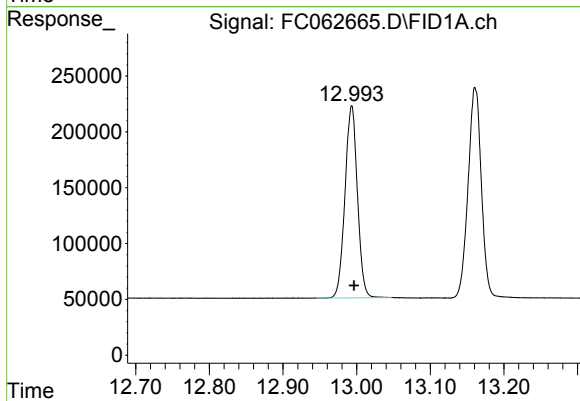
#10 n-Eicosane (C20)

R.T.: 12.549 min  
Delta R.T.: -0.003 min  
Response: 2382069  
Conc: 19.30 ug/ml



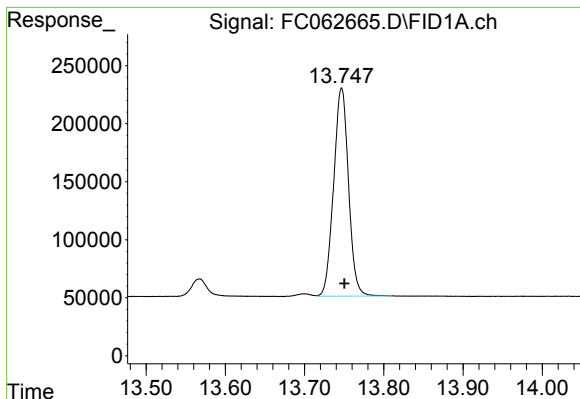
#11 n-Heneicosane (C21)

R.T.: 13.161 min  
Delta R.T.: -0.003 min  
Response: 2368948  
Conc: 19.33 ug/ml



#12 1-chlorooctadecane (SURR)

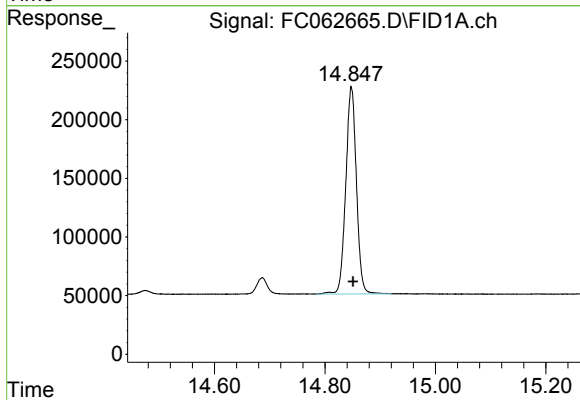
R.T.: 12.993 min  
Delta R.T.: -0.003 min  
Response: 2021717  
Conc: 19.19 ug/ml



#13 n-Docosane (C22)

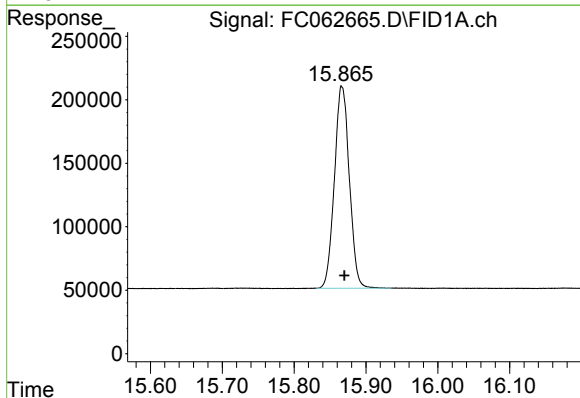
R.T.: 13.747 min  
Delta R.T.: -0.003 min  
Response: 2338955  
Conc: 19.56 ug/ml

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



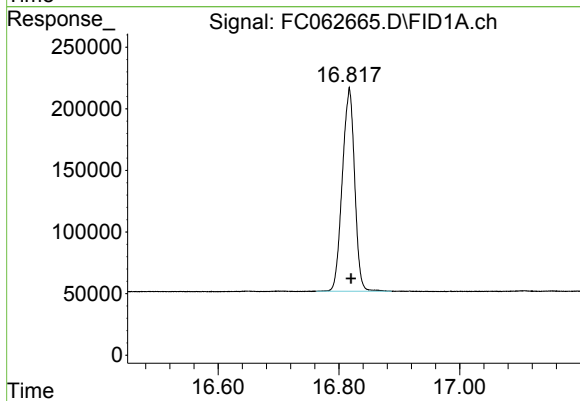
#14 n-Tetracosane (C24)

R.T.: 14.848 min  
Delta R.T.: -0.003 min  
Response: 2363115  
Conc: 20.29 ug/ml



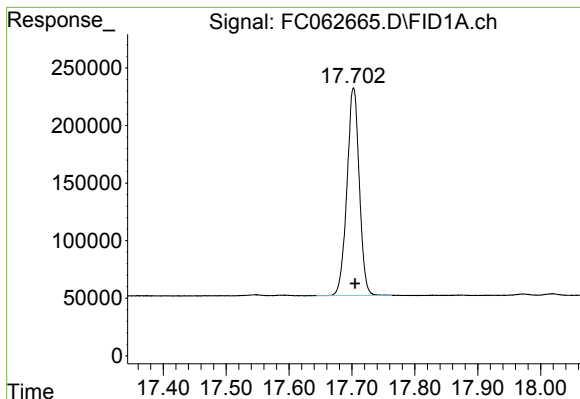
#15 n-Hexacosane (C26)

R.T.: 15.867 min  
Delta R.T.: -0.004 min  
Response: 2294355  
Conc: 20.42 ug/ml



#16 n-Octacosane (C28)

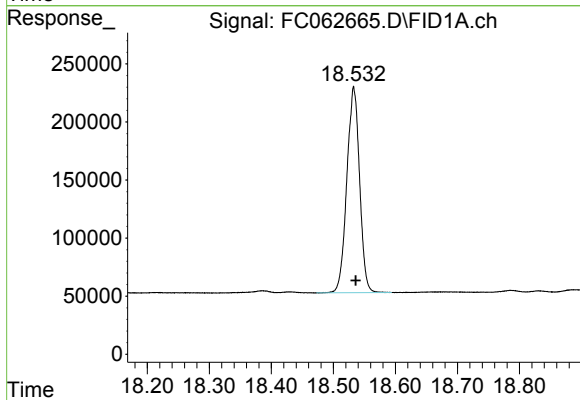
R.T.: 16.817 min  
Delta R.T.: -0.003 min  
Response: 2336034  
Conc: 21.28 ug/ml



#17 n-Tricontane (C30)

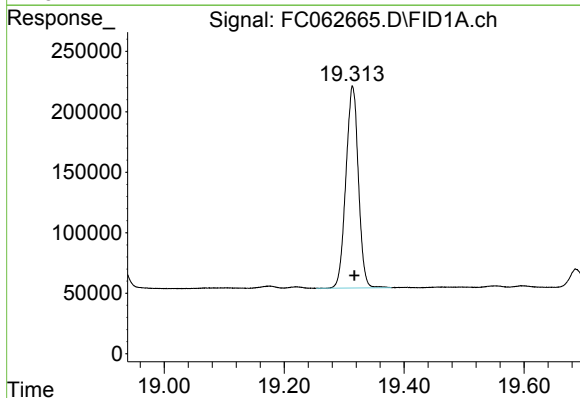
R.T.: 17.703 min  
Delta R.T.: -0.002 min  
Response: 2450541  
Conc: 22.63 ug/ml

Instrument :  
FID\_C  
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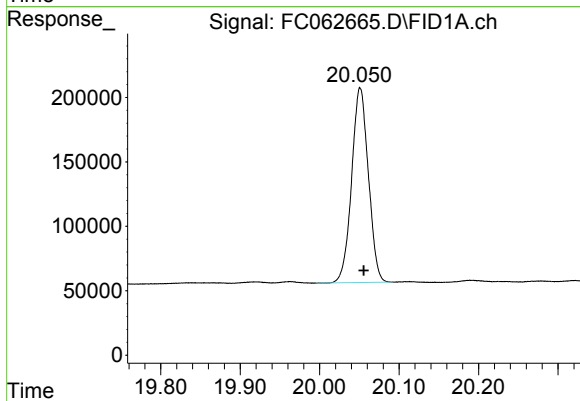
#18 n-Dotriacontane (C32)

R.T.: 18.533 min  
Delta R.T.: -0.003 min  
Response: 2525466  
Conc: 23.13 ug/ml



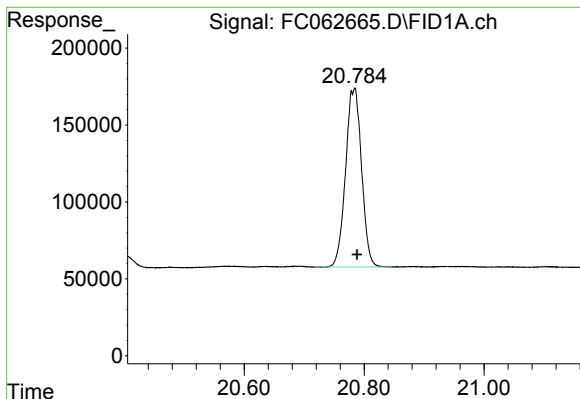
#19 n-Tetratriacontane (C34)

R.T.: 19.314 min  
Delta R.T.: -0.003 min  
Response: 2412572  
Conc: 22.19 ug/ml



#20 n-Hexatriacontane (C36)

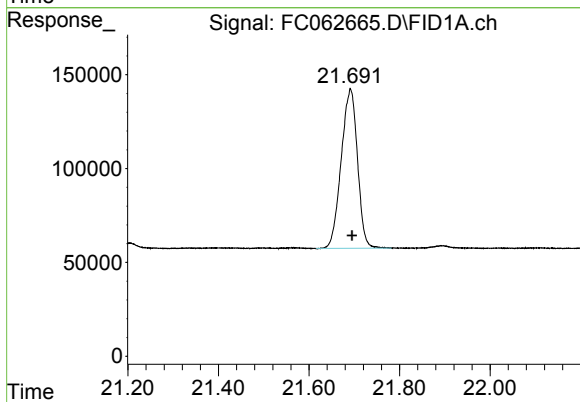
R.T.: 20.051 min  
Delta R.T.: -0.005 min  
Response: 2209006  
Conc: 19.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.784 min  
Delta R.T.: -0.004 min  
Response: 2149720  
Conc: 20.30 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.692 min  
Delta R.T.: -0.003 min  
Response: 2117751  
Conc: 19.89 ug/ml