

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102022AL\  
 Data File : FC061859.D  
 Signal(s) : FID1A.ch  
 Acq On : 20 Oct 2022 12:06  
 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: Oct 20 14:50:53 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 101722.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 17 23:26:31 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)    | 11.583 | 3150798    | 21.197 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.39%       |
| 12) S 1-chlorooctadecane (S... | 13.019 | 2487284    | 21.350 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.70%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.345  | 2913055    | 20.710 ug/ml |
| 2) T n-Decane (C10)            | 4.411  | 2953465    | 20.690 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.994  | 3196954    | 20.712 ug/ml |
| 4) T n-Dodecane (C12)          | 6.426  | 2991501    | 20.607 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.049  | 3135466    | 20.669 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.222  | 2994177    | 20.598 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.823  | 3014428    | 20.700 ug/ml |
| 8) T n-Octadecane (C18)        | 11.266 | 3029191    | 20.957 ug/ml |
| 10) T n-Eicosane (C20)         | 12.576 | 2984693    | 21.148 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.187 | 2954378    | 21.292 ug/ml |
| 13) T n-Docosane (C22)         | 13.774 | 2917669    | 21.283 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.876 | 2811976    | 21.282 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.897 | 2688741    | 21.338 ug/ml |
| 16) T n-Octacosane (C28)       | 16.845 | 2563685    | 21.257 ug/ml |
| 17) T n-Tricontane (C30)       | 17.733 | 2600093    | 21.853 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.565 | 2582247    | 21.917 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.349 | 2447165    | 21.661 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.088 | 2429069    | 21.419 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.824 | 2352328    | 20.906 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.736 | 2313983    | 20.611 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

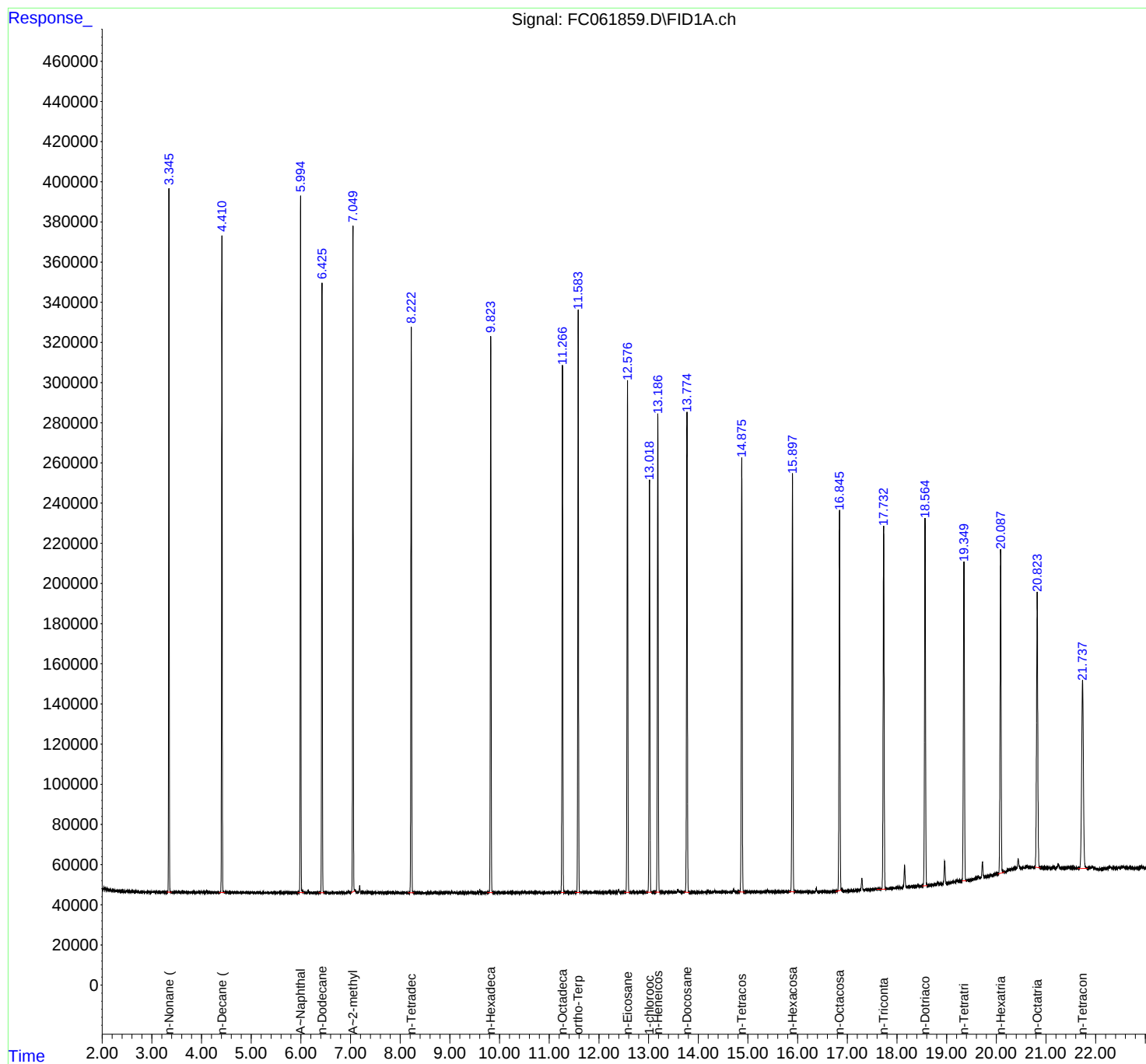
(m)=manual int.

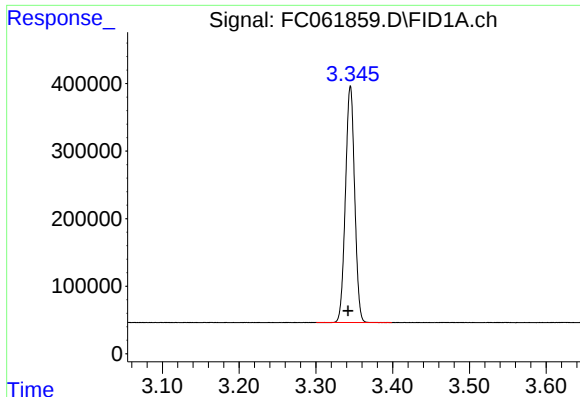
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102022AL\  
Data File : FC061859.D  
Signal(s) : FID1A.ch  
Acq On : 20 Oct 2022 12:06  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: Oct 20 14:50:53 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 101722.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 17 23:26:31 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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

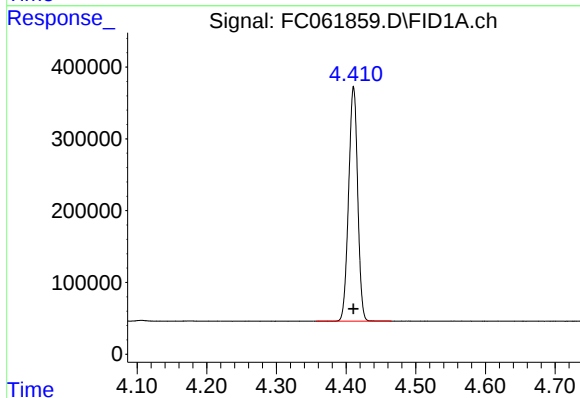




#1 n-Nonane (C9)

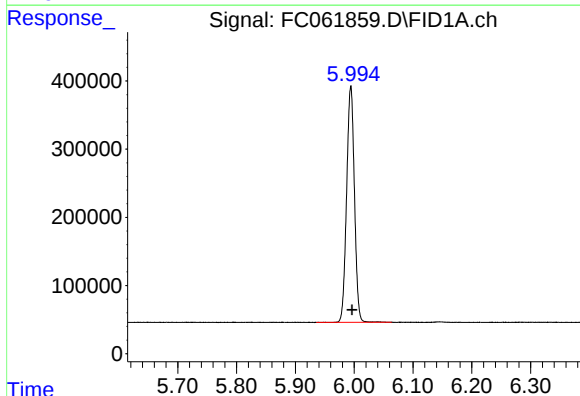
R.T.: 3.345 min  
Delta R.T.: 0.003 min  
Response: 2913055  
Conc: 20.71 ug/ml

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



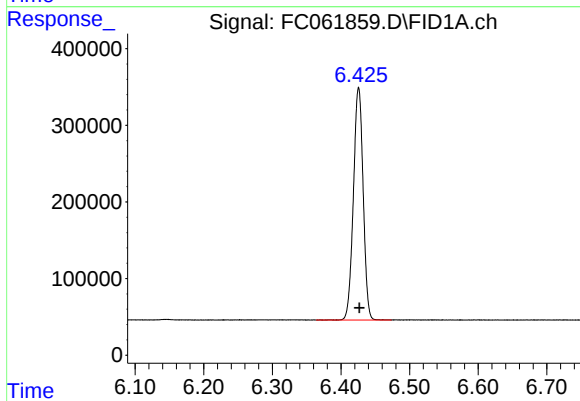
#2 n-Decane (C10)

R.T.: 4.411 min  
Delta R.T.: 0.000 min  
Response: 2953465  
Conc: 20.69 ug/ml



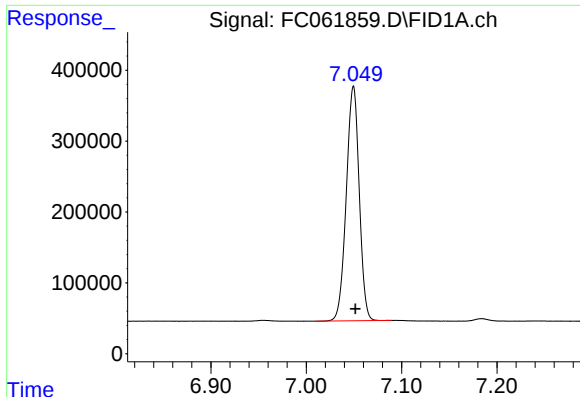
#3 A~Naphthalene (C11.7)

R.T.: 5.994 min  
Delta R.T.: -0.002 min  
Response: 3196954  
Conc: 20.71 ug/ml



#4 n-Dodecane (C12)

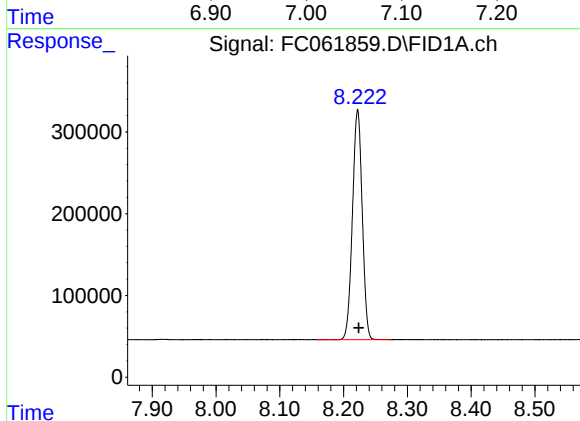
R.T.: 6.426 min  
Delta R.T.: 0.000 min  
Response: 2991501  
Conc: 20.61 ug/ml



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

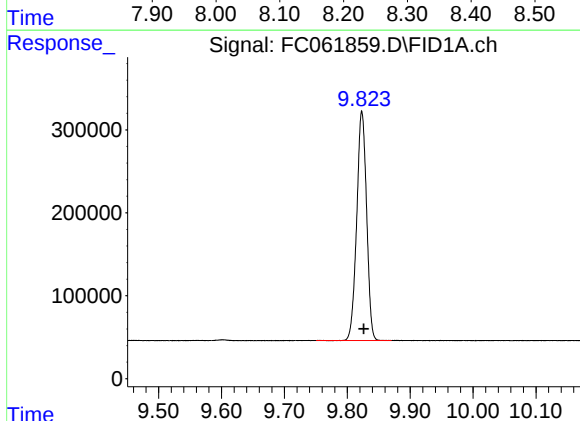
R.T.: 7.049 min  
Delta R.T.: -0.002 min  
Response: 3135466  
Conc: 20.67 ug/ml

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



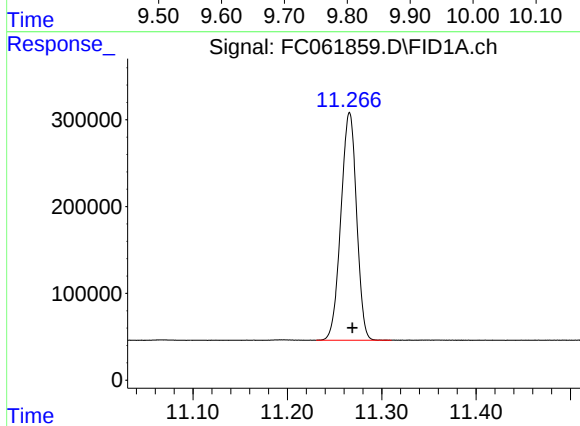
#6 n-Tetradecane (C14)

R.T.: 8.222 min  
Delta R.T.: -0.002 min  
Response: 2994177  
Conc: 20.60 ug/ml



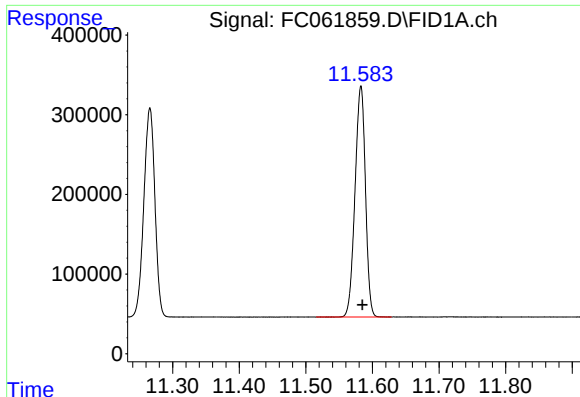
#7 n-Hexadecane (C16)

R.T.: 9.823 min  
Delta R.T.: -0.003 min  
Response: 3014428  
Conc: 20.70 ug/ml



#8 n-Octadecane (C18)

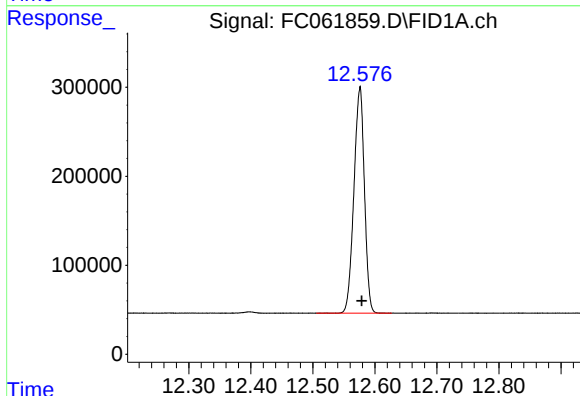
R.T.: 11.266 min  
Delta R.T.: -0.003 min  
Response: 3029191  
Conc: 20.96 ug/ml



#9 ortho-Terphenyl (SURR)

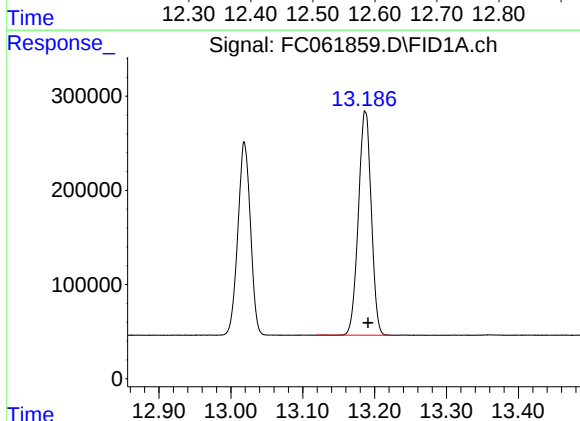
R.T.: 11.583 min  
Delta R.T.: -0.003 min  
Response: 3150798  
Conc: 21.20 ug/ml

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



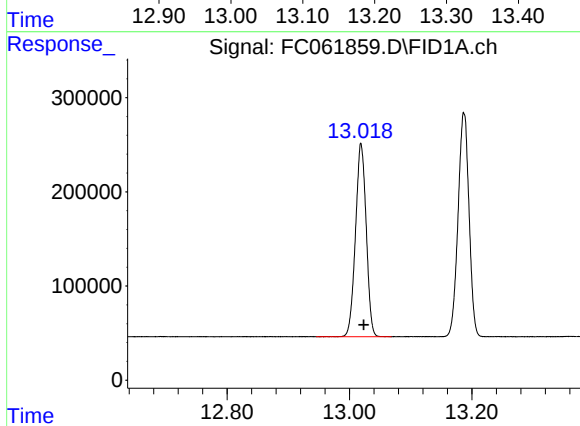
#10 n-Eicosane (C20)

R.T.: 12.576 min  
Delta R.T.: -0.003 min  
Response: 2984693  
Conc: 21.15 ug/ml



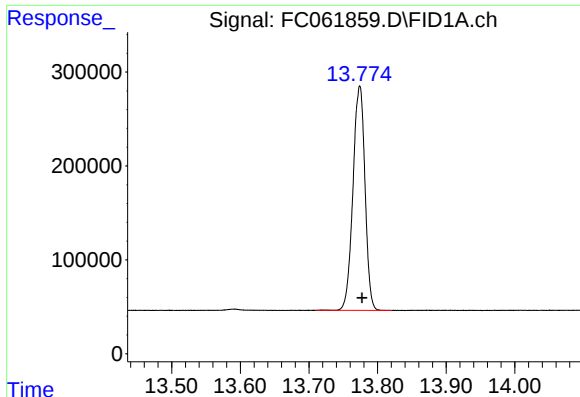
#11 n-Heneicosane (C21)

R.T.: 13.187 min  
Delta R.T.: -0.004 min  
Response: 2954378  
Conc: 21.29 ug/ml



#12 1-chlorooctadecane (SURR)

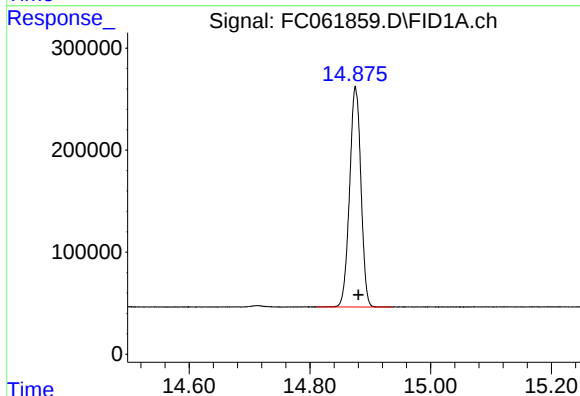
R.T.: 13.019 min  
Delta R.T.: -0.004 min  
Response: 2487284  
Conc: 21.35 ug/ml



#13 n-Docosane (C22)

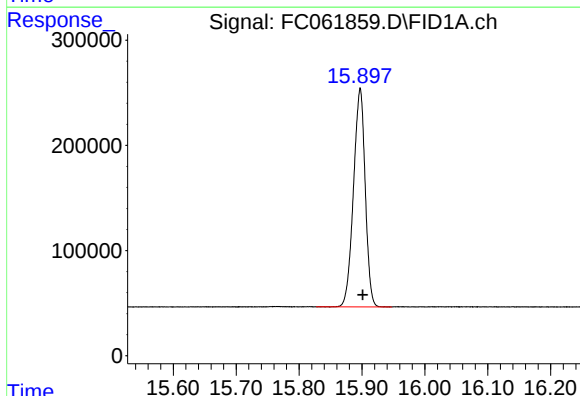
R.T.: 13.774 min  
Delta R.T.: -0.004 min  
Response: 2917669  
Conc: 21.28 ug/ml

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



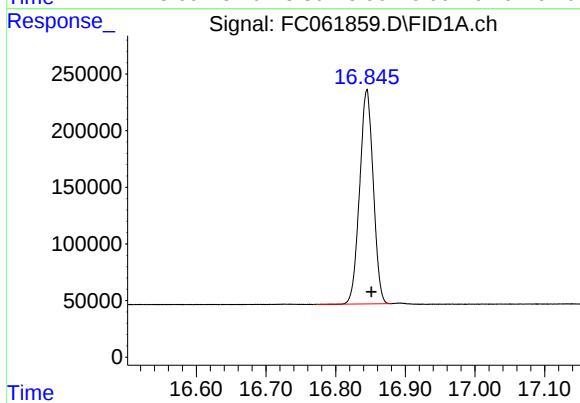
#14 n-Tetracosane (C24)

R.T.: 14.876 min  
Delta R.T.: -0.005 min  
Response: 2811976  
Conc: 21.28 ug/ml



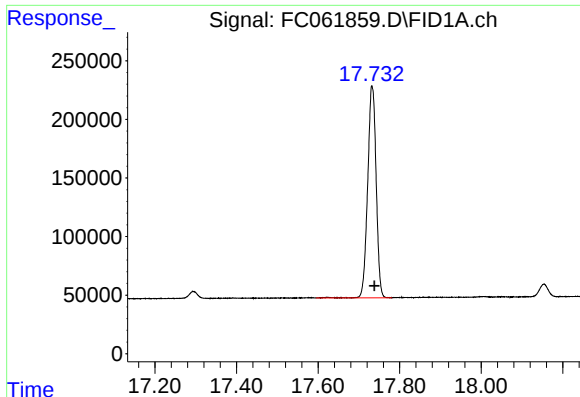
#15 n-Hexacosane (C26)

R.T.: 15.897 min  
Delta R.T.: -0.005 min  
Response: 2688741  
Conc: 21.34 ug/ml



#16 n-Octacosane (C28)

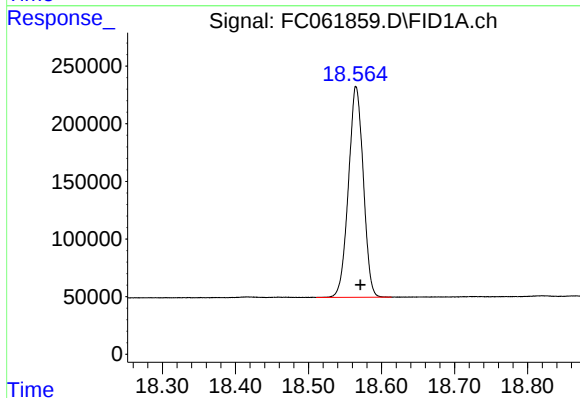
R.T.: 16.845 min  
Delta R.T.: -0.006 min  
Response: 2563685  
Conc: 21.26 ug/ml



#17 n-Tricontane (C30)

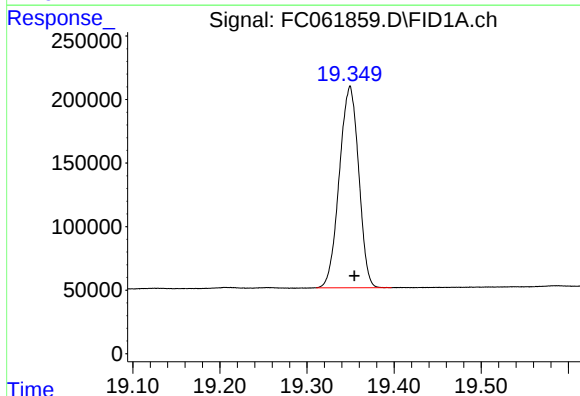
R.T.: 17.733 min  
Delta R.T.: -0.005 min  
Response: 2600093  
Conc: 21.85 ug/ml

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



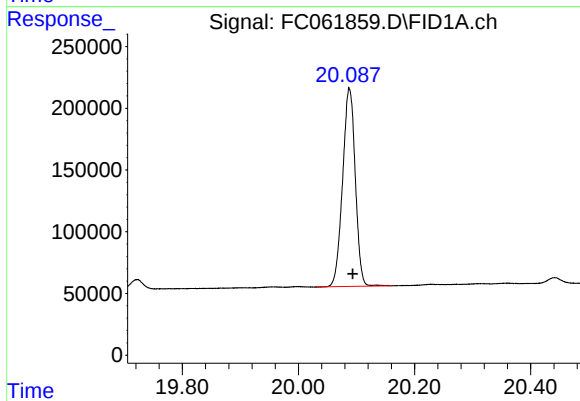
#18 n-Dotriacontane (C32)

R.T.: 18.565 min  
Delta R.T.: -0.006 min  
Response: 2582247  
Conc: 21.92 ug/ml



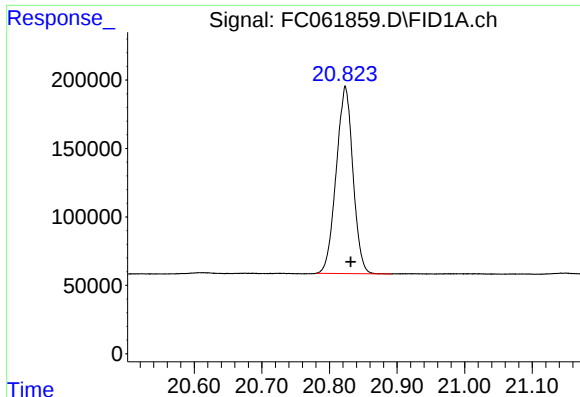
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min  
Delta R.T.: -0.005 min  
Response: 2447165  
Conc: 21.66 ug/ml



#20 n-Hexatriacontane (C36)

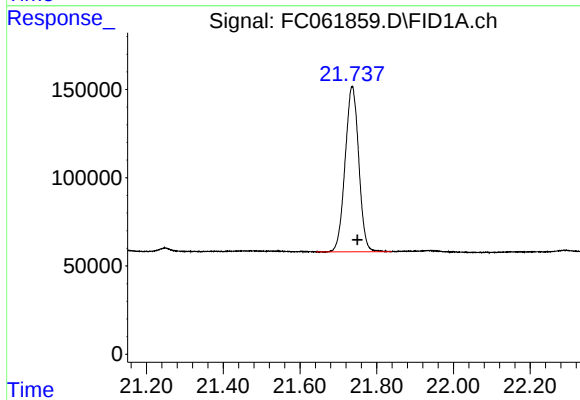
R.T.: 20.088 min  
Delta R.T.: -0.006 min  
Response: 2429069  
Conc: 21.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.824 min  
Delta R.T.: -0.008 min  
Response: 2352328  
Conc: 20.91 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.736 min  
Delta R.T.: -0.014 min  
Response: 2313983  
Conc: 20.61 ug/ml