

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC111521AL\  
 Data File : FC056833.D  
 Signal(s) : FID1A.CH  
 Acq On : 16 Nov 2021 11:53  
 Operator : AJ\MA  
 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: Nov 16 12:17:56 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102121.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 21 01:00:25 2021  
 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)    | 11.604 | 2060435    | 16.641 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 33.28%       |
| 12) S 1-chlorooctadecane (S... | 13.036 | 1584046    | 16.462 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 32.92%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.366  | 2072855    | 19.152 ug/ml |
| 2) T n-Decane (C10)            | 4.433  | 2058414    | 19.109 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.023  | 2269617    | 18.616 ug/ml |
| 4) T n-Dodecane (C12)          | 6.451  | 2071294    | 18.789 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.080  | 2241440    | 18.303 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.245  | 2056136    | 18.315 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.844  | 2043997    | 17.979 ug/ml |
| 8) T n-Octadecane (C18)        | 11.284 | 2043910    | 17.491 ug/ml |
| 10) T n-Eicosane (C20)         | 12.591 | 1946620    | 16.938 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.202 | 1918600    | 16.695 ug/ml |
| 13) T n-Docosane (C22)         | 13.787 | 1857973    | 16.503 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.887 | 1794914    | 16.287 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.904 | 1711621    | 16.217 ug/ml |
| 16) T n-Octacosane (C28)       | 16.851 | 1696382    | 16.354 ug/ml |
| 17) T n-Tricontane (C30)       | 17.735 | 1693687    | 16.347 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.564 | 1690798    | 17.648 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.344 | 1709533    | 19.491 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.079 | 1690673    | 20.655 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.812 | 1666526    | 20.838 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.722 | 1681002    | 20.403 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

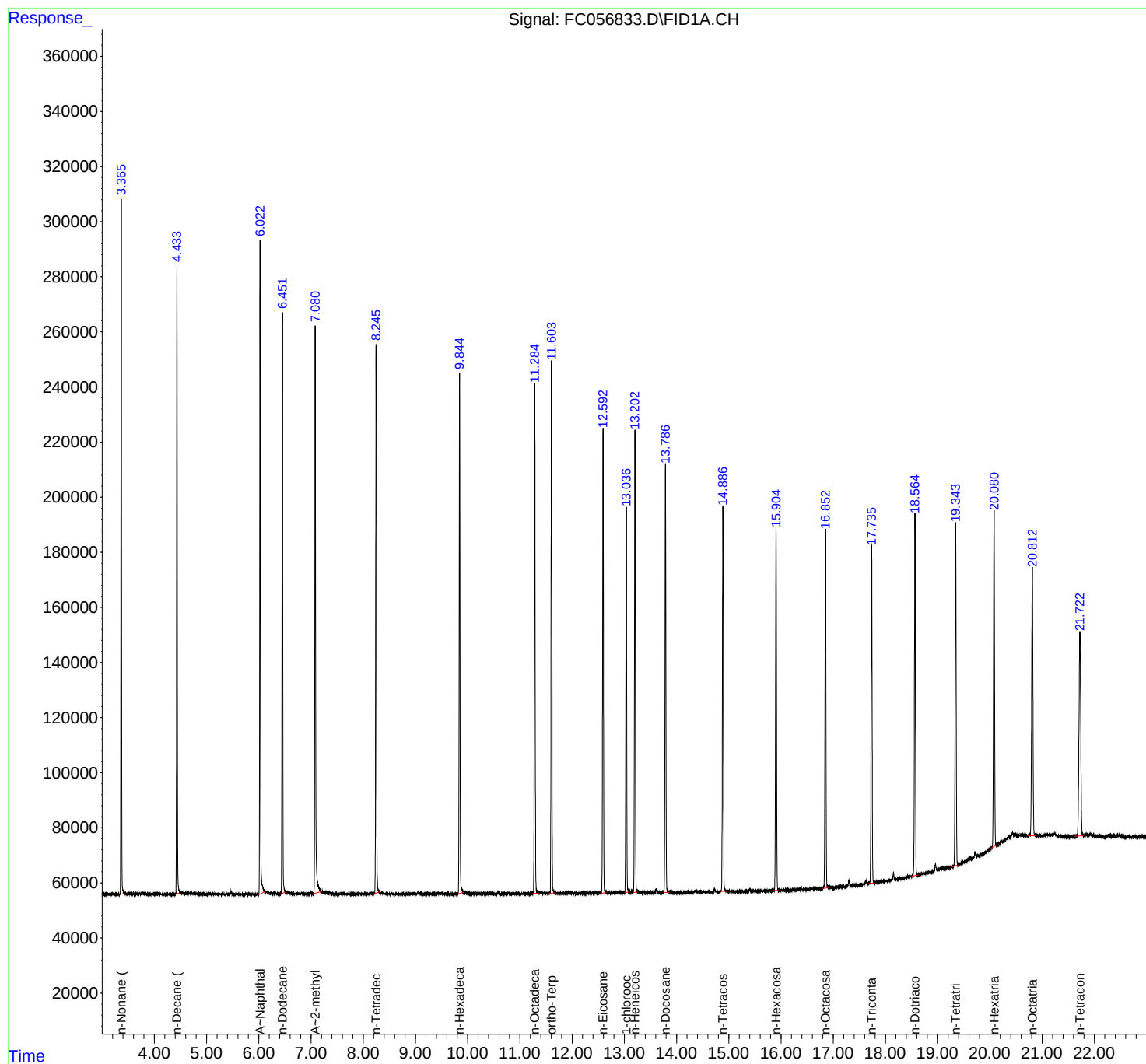
(m)=manual int.

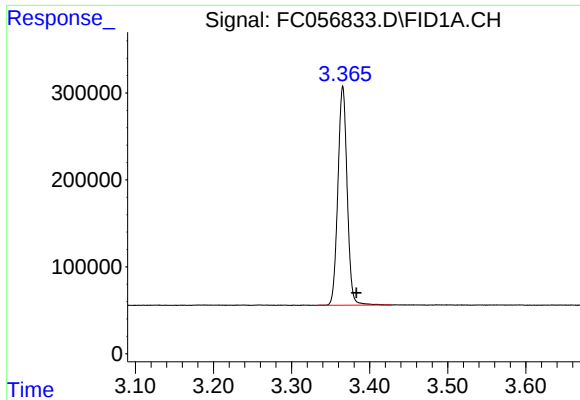
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC111521AL\  
Data File : FC056833.D  
Signal(s) : FID1A.CH  
Acq On : 16 Nov 2021 11:53  
Operator : AJ\MA  
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Misc :  
ALS Vial : 2 Sample Multiplier: 1

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QLast Update : Thu Oct 21 01:00:25 2021  
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

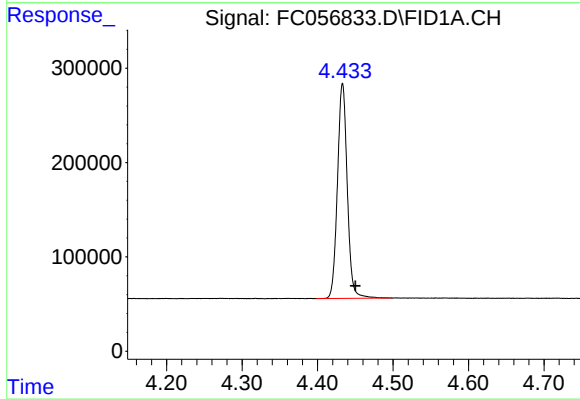




#1 n-Nonane (C9)

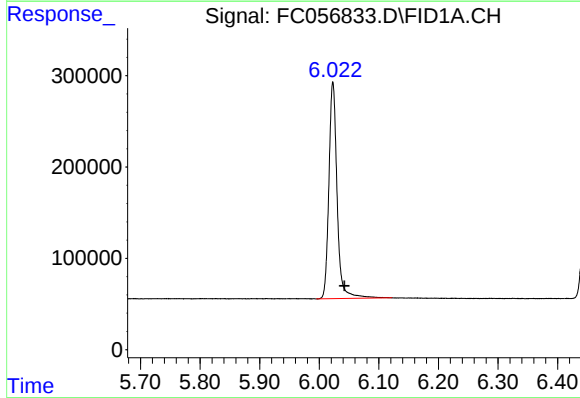
R.T.: 3.366 min  
Delta R.T.: -0.017 min  
Response: 2072855  
Conc: 19.15 ug/ml

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



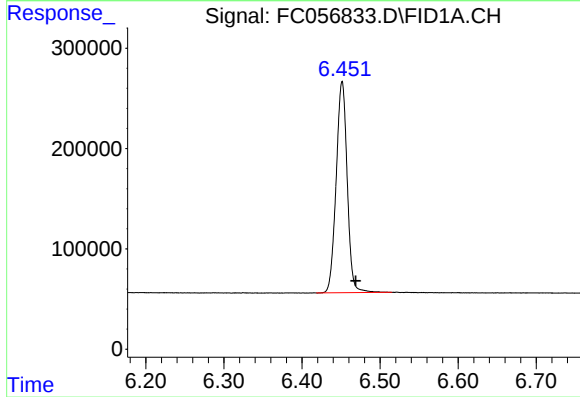
#2 n-Decane (C10)

R.T.: 4.433 min  
Delta R.T.: -0.017 min  
Response: 2058414  
Conc: 19.11 ug/ml



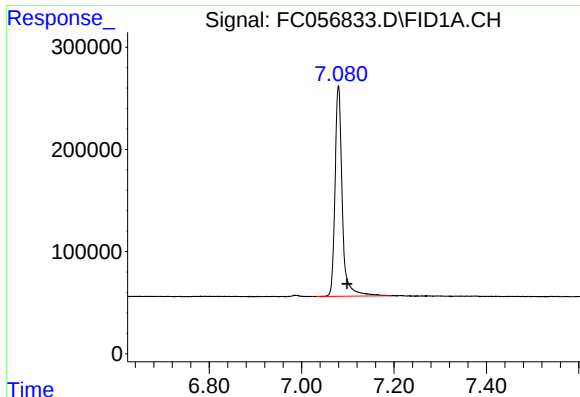
#3 A~Naphthalene (C11.7)

R.T.: 6.023 min  
Delta R.T.: -0.019 min  
Response: 2269617  
Conc: 18.62 ug/ml



#4 n-Dodecane (C12)

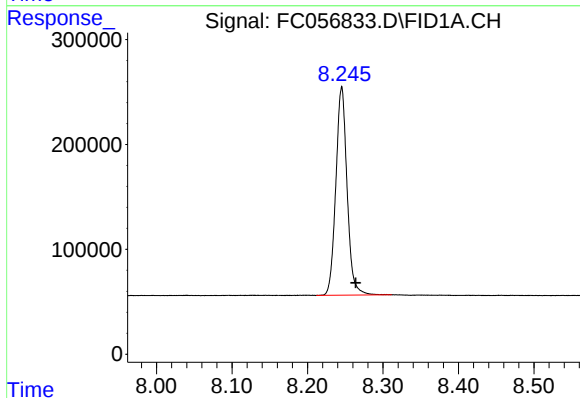
R.T.: 6.451 min  
Delta R.T.: -0.017 min  
Response: 2071294  
Conc: 18.79 ug/ml



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

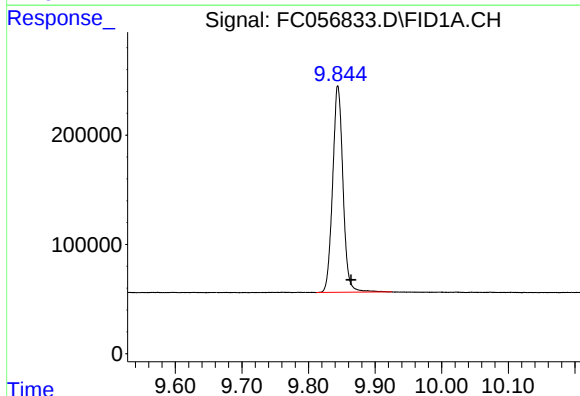
R.T.: 7.080 min  
Delta R.T.: -0.019 min  
Response: 2241440  
Conc: 18.30 ug/ml

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



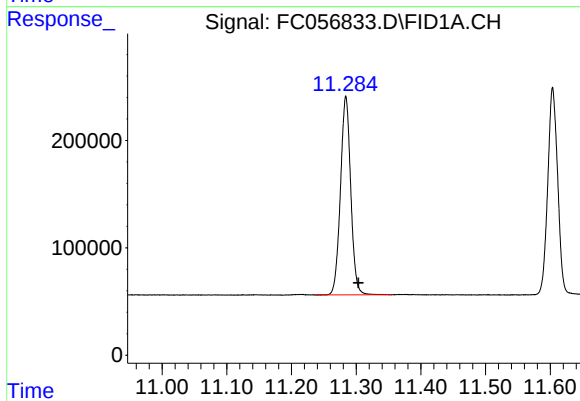
#6 n-Tetradecane (C14)

R.T.: 8.245 min  
Delta R.T.: -0.019 min  
Response: 2056136  
Conc: 18.31 ug/ml



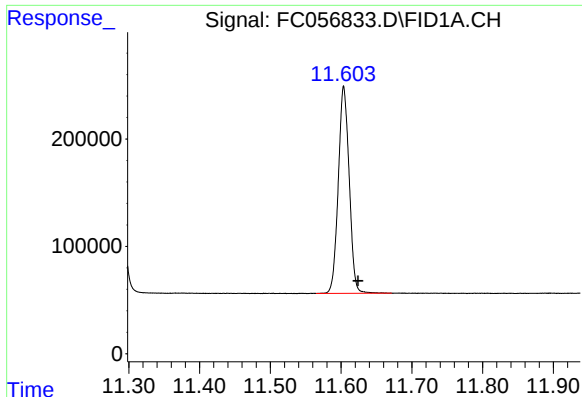
#7 n-Hexadecane (C16)

R.T.: 9.844 min  
Delta R.T.: -0.019 min  
Response: 2043997  
Conc: 17.98 ug/ml



#8 n-Octadecane (C18)

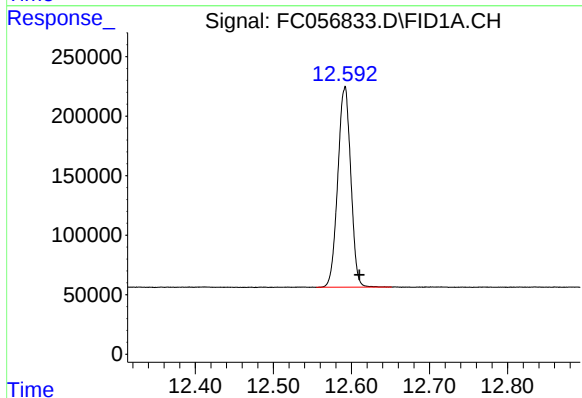
R.T.: 11.284 min  
Delta R.T.: -0.019 min  
Response: 2043910  
Conc: 17.49 ug/ml



#9 ortho-Terphenyl (SURR)

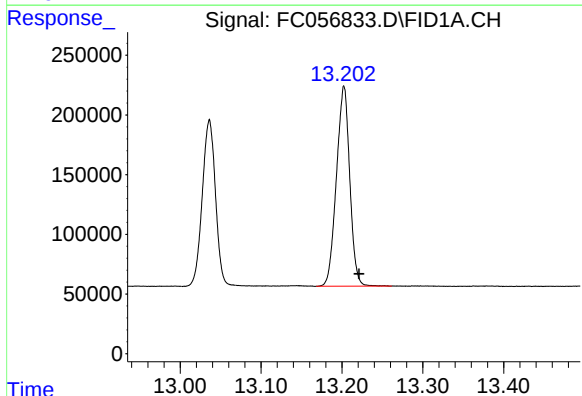
R.T.: 11.604 min  
Delta R.T.: -0.020 min  
Response: 2060435  
Conc: 16.64 ug/ml

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



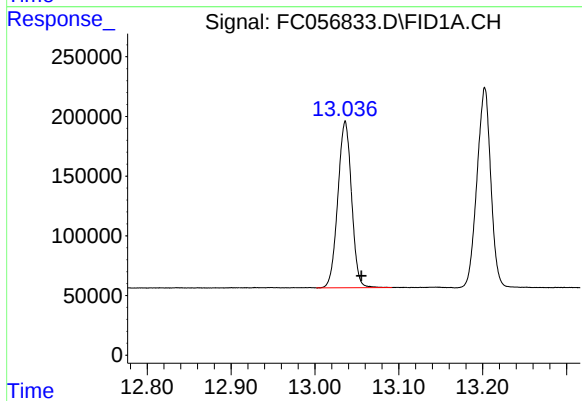
#10 n-Eicosane (C20)

R.T.: 12.591 min  
Delta R.T.: -0.019 min  
Response: 1946620  
Conc: 16.94 ug/ml



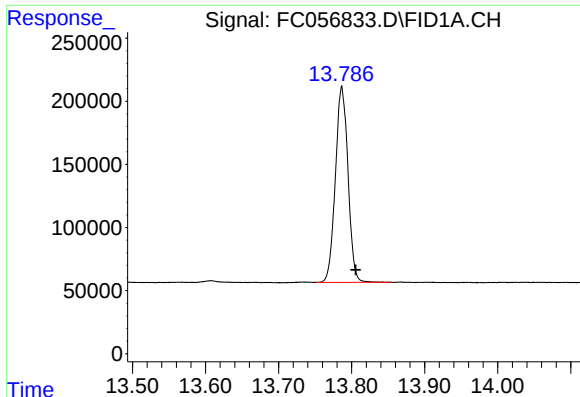
#11 n-Heneicosane (C21)

R.T.: 13.202 min  
Delta R.T.: -0.019 min  
Response: 1918600  
Conc: 16.69 ug/ml



#12 1-chlorooctadecane (SURR)

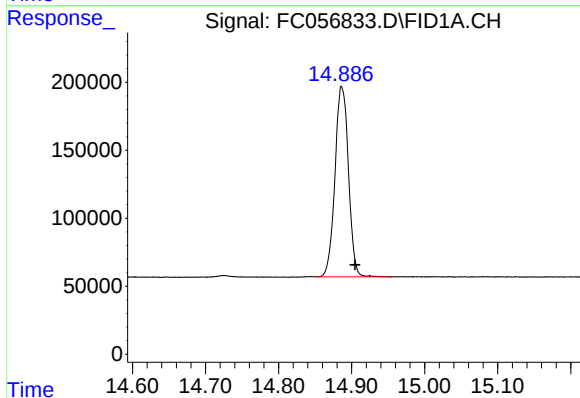
R.T.: 13.036 min  
Delta R.T.: -0.020 min  
Response: 1584046  
Conc: 16.46 ug/ml



#13 n-Docosane (C22)

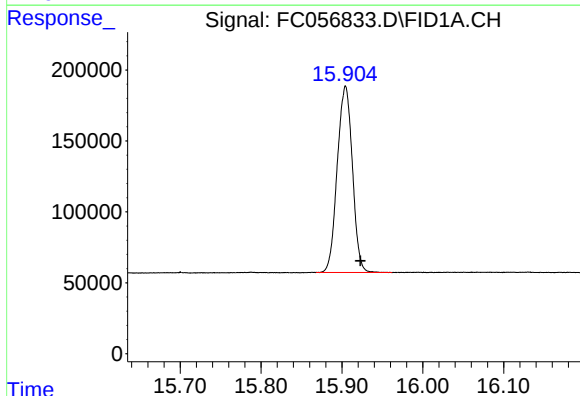
R.T.: 13.787 min  
Delta R.T.: -0.019 min  
Response: 1857973  
Conc: 16.50 ug/ml

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



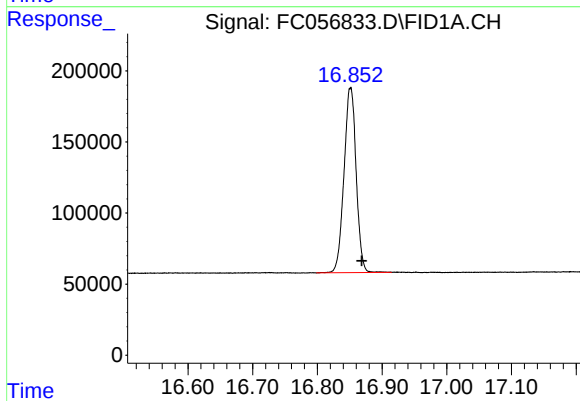
#14 n-Tetracosane (C24)

R.T.: 14.887 min  
Delta R.T.: -0.018 min  
Response: 1794914  
Conc: 16.29 ug/ml



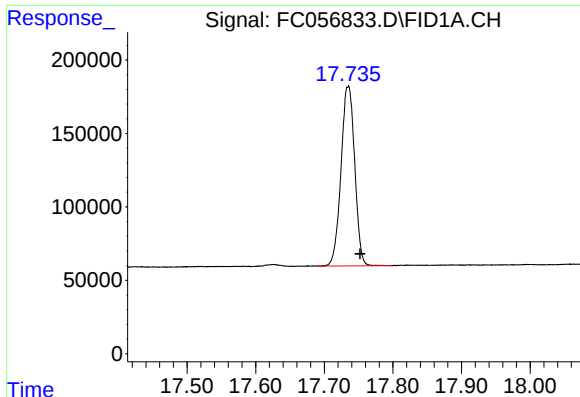
#15 n-Hexacosane (C26)

R.T.: 15.904 min  
Delta R.T.: -0.018 min  
Response: 1711621  
Conc: 16.22 ug/ml



#16 n-Octacosane (C28)

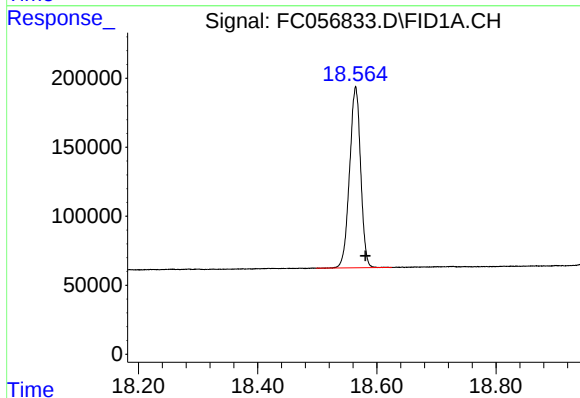
R.T.: 16.851 min  
Delta R.T.: -0.018 min  
Response: 1696382  
Conc: 16.35 ug/ml



#17 n-Tricontane (C30)

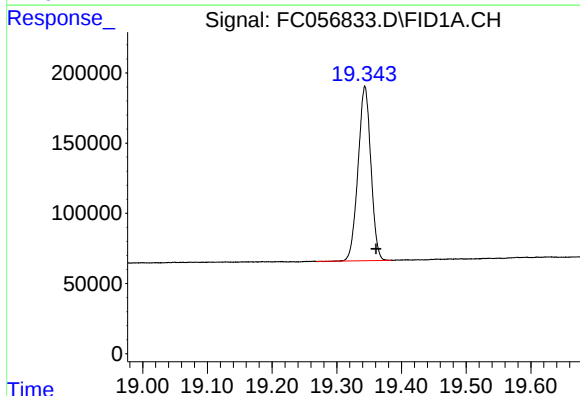
R.T.: 17.735 min  
Delta R.T.: -0.017 min  
Response: 1693687  
Conc: 16.35 ug/ml

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



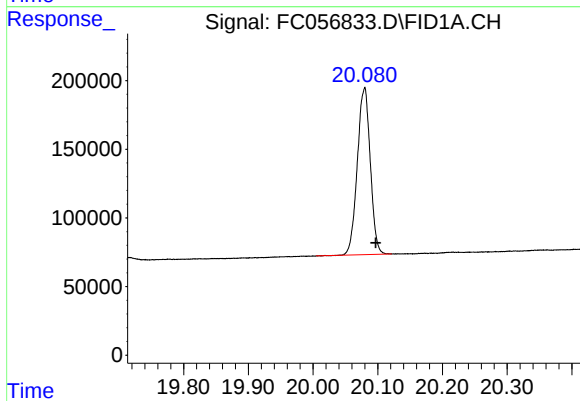
#18 n-Dotriacontane (C32)

R.T.: 18.564 min  
Delta R.T.: -0.017 min  
Response: 1690798  
Conc: 17.65 ug/ml



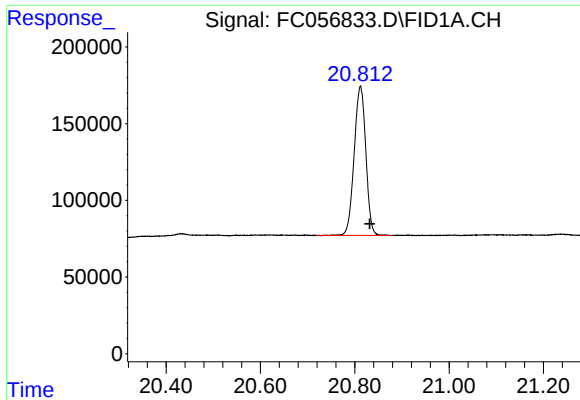
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min  
Delta R.T.: -0.017 min  
Response: 1709533  
Conc: 19.49 ug/ml



#20 n-Hexatriacontane (C36)

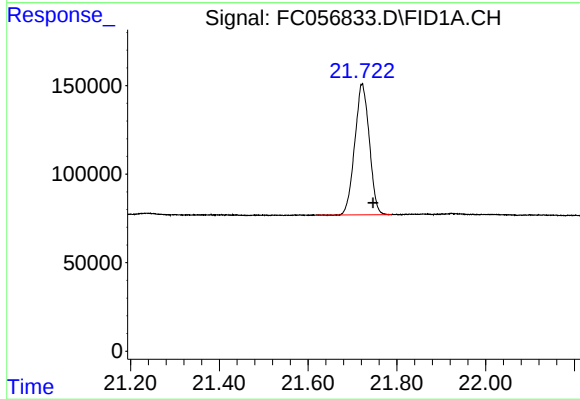
R.T.: 20.079 min  
Delta R.T.: -0.018 min  
Response: 1690673  
Conc: 20.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.812 min  
Delta R.T.: -0.020 min  
Response: 1666526  
Conc: 20.84 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.722 min  
Delta R.T.: -0.025 min  
Response: 1681002  
Conc: 20.40 ug/ml