

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032522AL\  
 Data File : FC058918.D  
 Signal(s) : FID1A.CH  
 Acq On : 27 Mar 2022 5:07  
 Operator : UA/NP  
 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: Mar 27 05:32:11 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 032522.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 25 23:18:46 2022  
 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)    | 11.099 | 2783706    | 19.320 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.64%       |
| 12) S 1-chlorooctadecane (S... | 12.548 | 2165545    | 19.319 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.64%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.957  | 2335617    | 19.059 ug/ml |
| 2) T n-Decane (C10)            | 4.000  | 2341915    | 19.111 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.548  | 2425402    | 19.318 ug/ml |
| 4) T n-Dodecane (C12)          | 5.999  | 2459384    | 19.255 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.598  | 2452224    | 19.128 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.783  | 2495219    | 19.191 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.375  | 2537632    | 19.110 ug/ml |
| 8) T n-Octadecane (C18)        | 10.808 | 2548498    | 19.168 ug/ml |
| 10) T n-Eicosane (C20)         | 12.111 | 2529439    | 19.305 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.720 | 2526957    | 19.367 ug/ml |
| 13) T n-Docosane (C22)         | 13.303 | 2511929    | 19.390 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.401 | 2471126    | 19.562 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.417 | 2357711    | 19.519 ug/ml |
| 16) T n-Octacosane (C28)       | 16.363 | 2293024    | 19.365 ug/ml |
| 17) T n-Tricontane (C30)       | 17.246 | 2210810    | 19.380 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.073 | 2084558    | 19.458 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.854 | 1969684    | 19.495 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.591 | 1862722    | 19.495 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.289 | 1801111    | 19.573 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.032 | 1820602    | 19.589 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

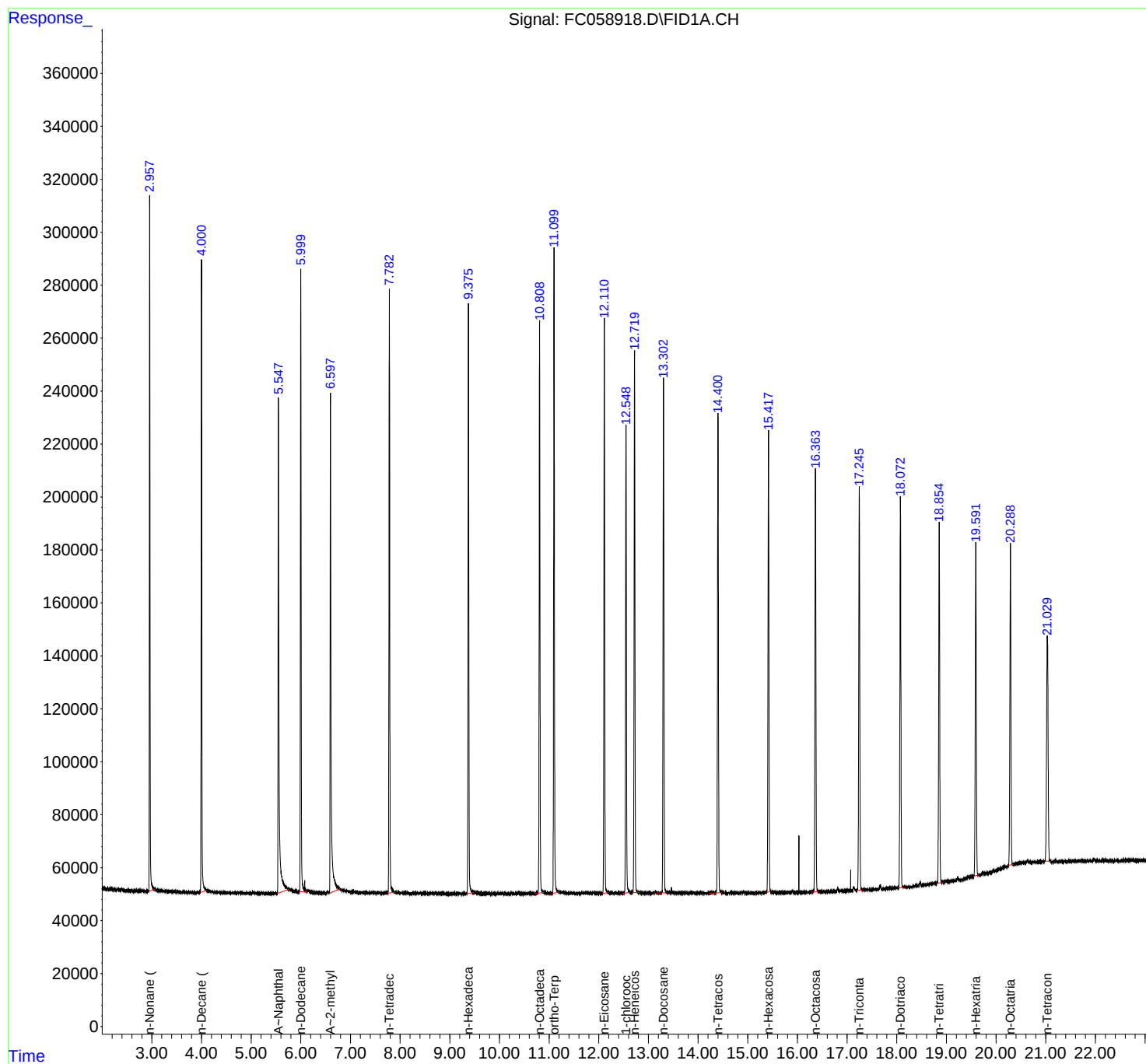
(m)=manual int.

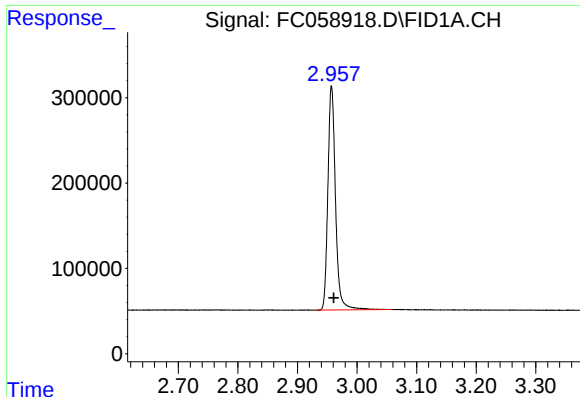
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC032522AL\  
Data File : FC058918.D  
Signal(s) : FID1A.CH  
Acq On : 27 Mar 2022 5:07  
Operator : UA/NP  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 032522.M  
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Volume Inj. : 1 ul  
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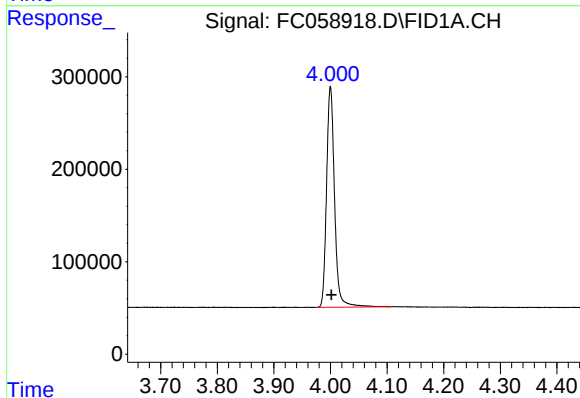




#1 n-Nonane (C9)

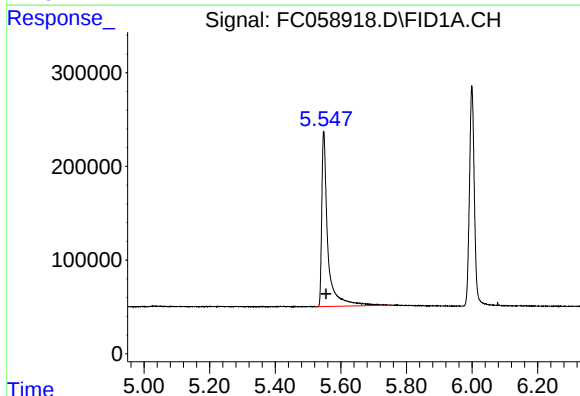
R.T.: 2.957 min  
Delta R.T.: -0.004 min  
Response: 2335617  
Conc: 19.06 ug/ml

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



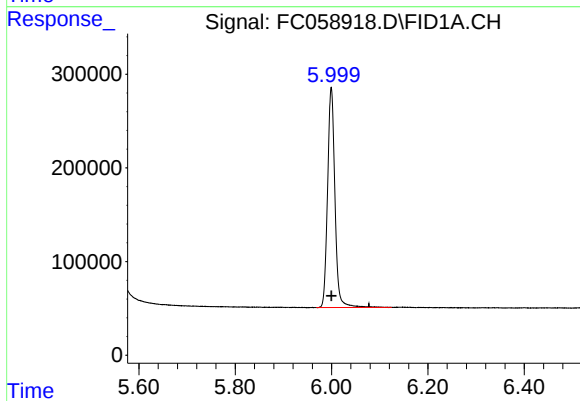
#2 n-Decane (C10)

R.T.: 4.000 min  
Delta R.T.: -0.002 min  
Response: 2341915  
Conc: 19.11 ug/ml



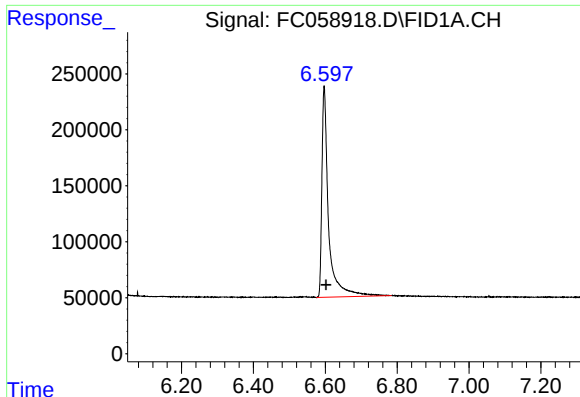
#3 A~Naphthalene (C11.7)

R.T.: 5.548 min  
Delta R.T.: -0.007 min  
Response: 2425402  
Conc: 19.32 ug/ml



#4 n-Dodecane (C12)

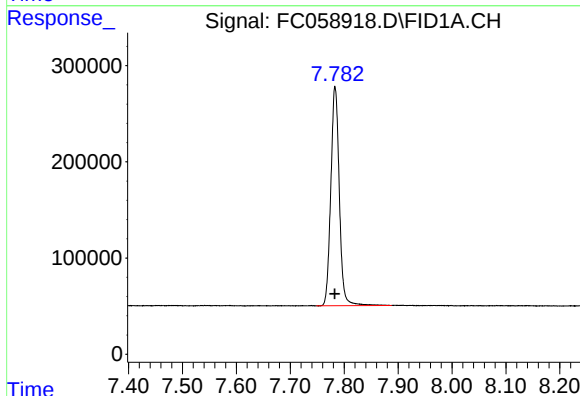
R.T.: 5.999 min  
Delta R.T.: 0.000 min  
Response: 2459384  
Conc: 19.25 ug/ml



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

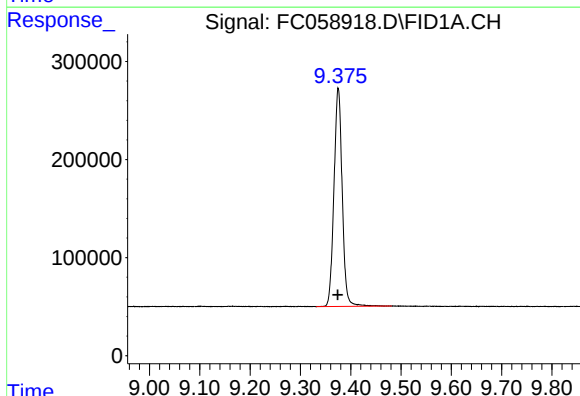
R.T.: 6.598 min  
Delta R.T.: -0.005 min  
Response: 2452224  
Conc: 19.13 ug/ml

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



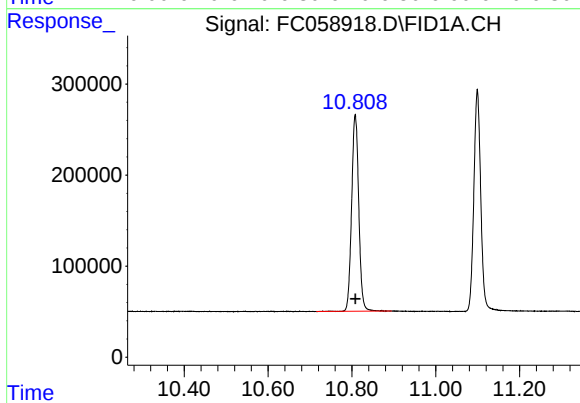
#6 n-Tetradecane (C14)

R.T.: 7.783 min  
Delta R.T.: 0.000 min  
Response: 2495219  
Conc: 19.19 ug/ml



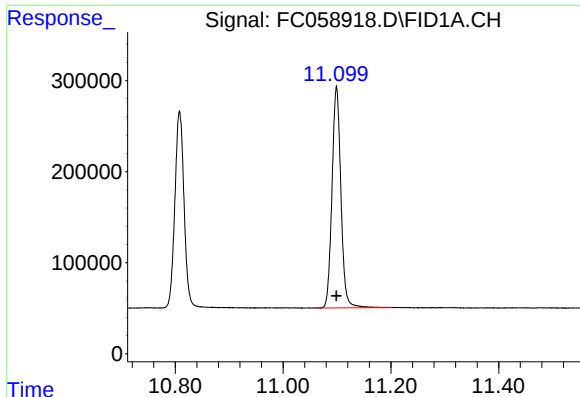
#7 n-Hexadecane (C16)

R.T.: 9.375 min  
Delta R.T.: 0.000 min  
Response: 2537632  
Conc: 19.11 ug/ml



#8 n-Octadecane (C18)

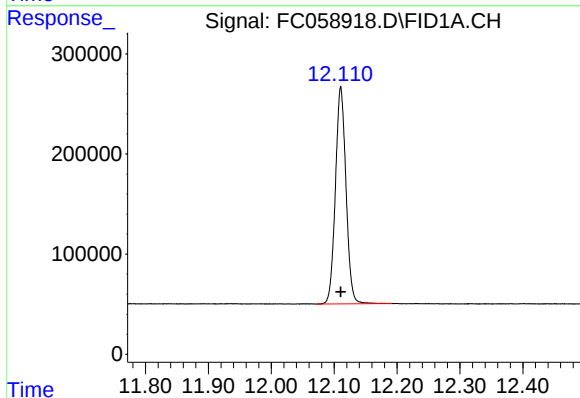
R.T.: 10.808 min  
Delta R.T.: 0.000 min  
Response: 2548498  
Conc: 19.17 ug/ml



#9 ortho-Terphenyl (SURR)

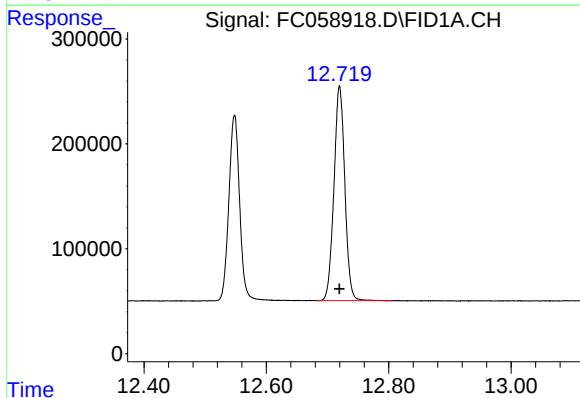
R.T.: 11.099 min  
Delta R.T.: 0.000 min  
Response: 2783706  
Conc: 19.32 ug/ml

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



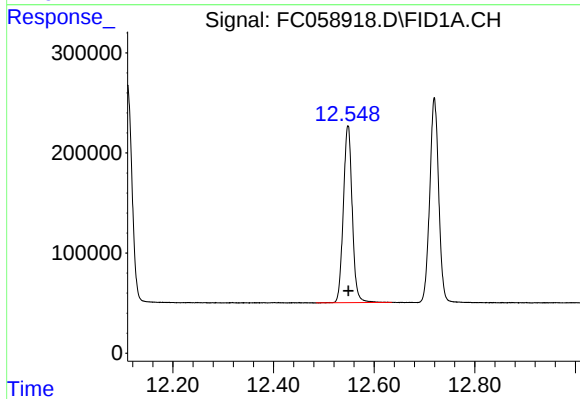
#10 n-Eicosane (C20)

R.T.: 12.111 min  
Delta R.T.: 0.000 min  
Response: 2529439  
Conc: 19.31 ug/ml



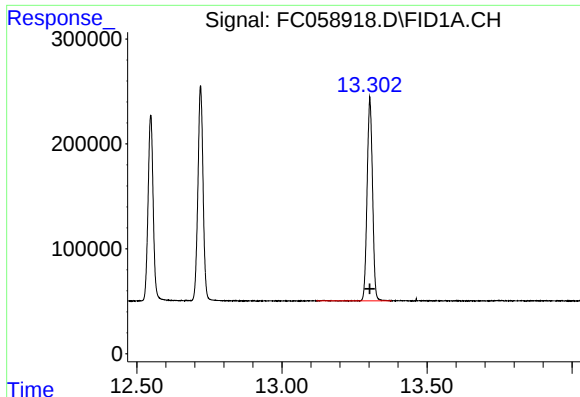
#11 n-Heneicosane (C21)

R.T.: 12.720 min  
Delta R.T.: 0.000 min  
Response: 2526957  
Conc: 19.37 ug/ml



#12 1-chlorooctadecane (SURR)

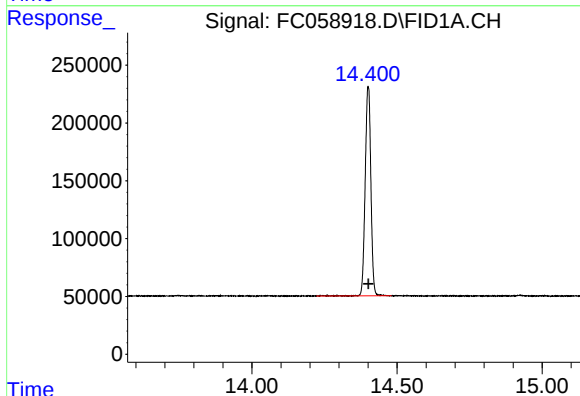
R.T.: 12.548 min  
Delta R.T.: 0.000 min  
Response: 2165545  
Conc: 19.32 ug/ml



#13 n-Docosane (C22)

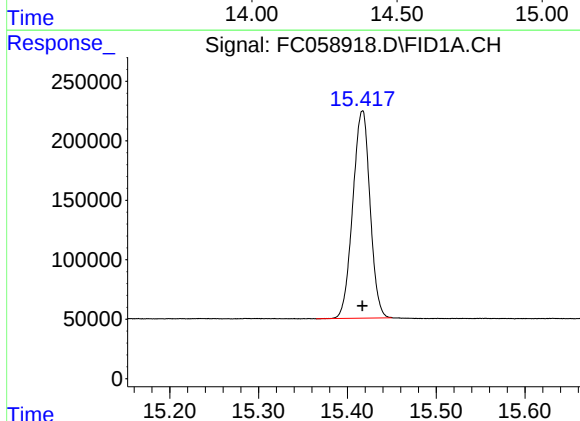
R.T.: 13.303 min  
Delta R.T.: 0.000 min  
Response: 2511929  
Conc: 19.39 ug/ml

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



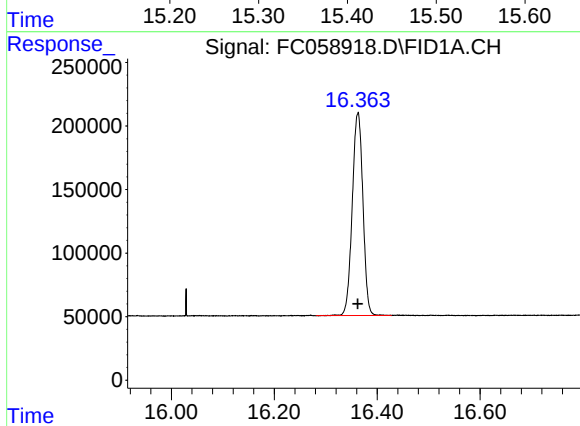
#14 n-Tetracosane (C24)

R.T.: 14.401 min  
Delta R.T.: 0.000 min  
Response: 2471126  
Conc: 19.56 ug/ml



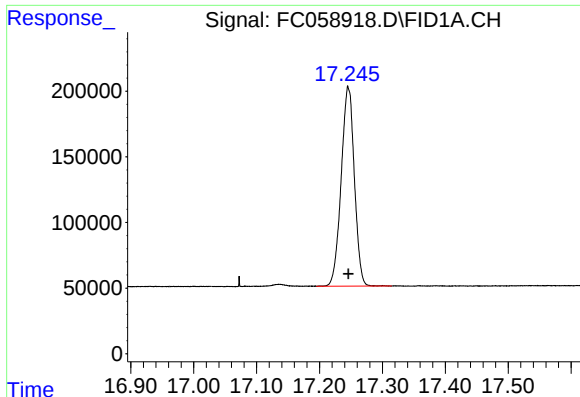
#15 n-Hexacosane (C26)

R.T.: 15.417 min  
Delta R.T.: 0.000 min  
Response: 2357711  
Conc: 19.52 ug/ml



#16 n-Octacosane (C28)

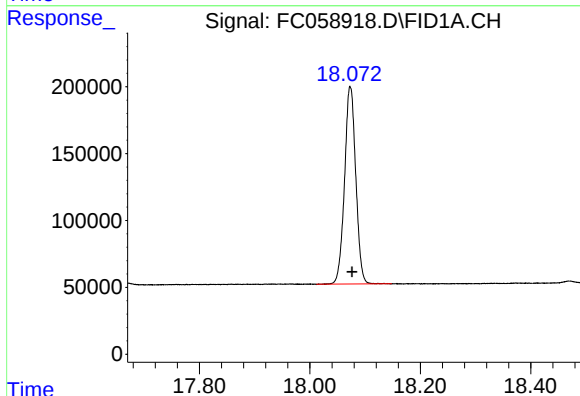
R.T.: 16.363 min  
Delta R.T.: 0.000 min  
Response: 2293024  
Conc: 19.36 ug/ml



#17 n-Tricontane (C30)

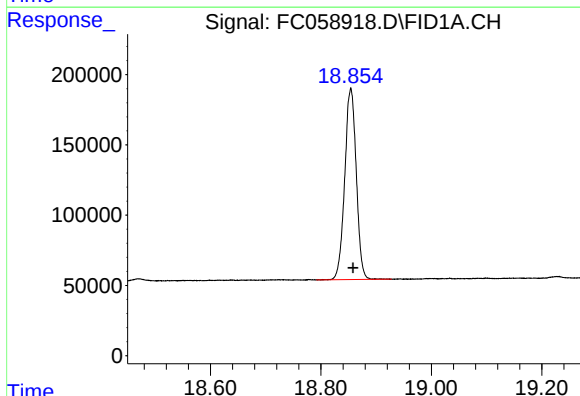
R.T.: 17.246 min  
Delta R.T.: 0.000 min  
Response: 2210810  
Conc: 19.38 ug/ml

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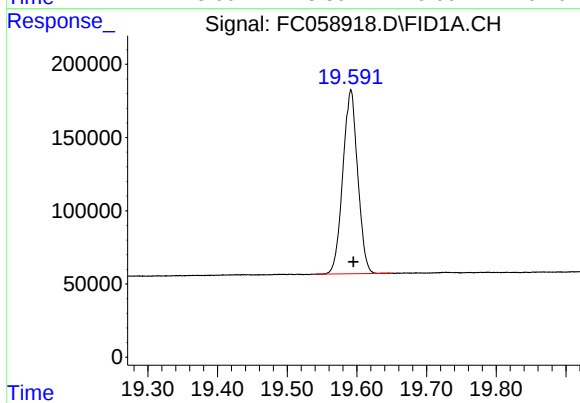
#18 n-Dotriacontane (C32)

R.T.: 18.073 min  
Delta R.T.: -0.003 min  
Response: 2084558  
Conc: 19.46 ug/ml



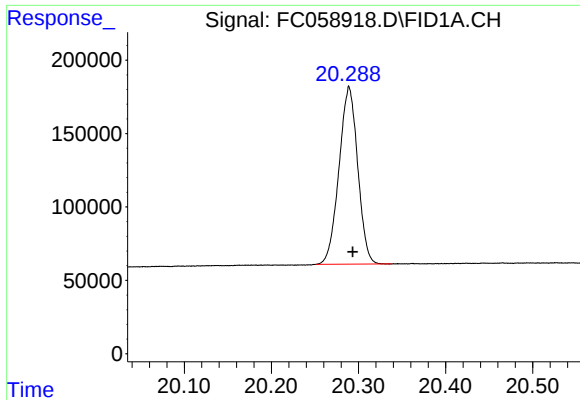
#19 n-Tetratriacontane (C34)

R.T.: 18.854 min  
Delta R.T.: -0.004 min  
Response: 1969684  
Conc: 19.49 ug/ml



#20 n-Hexatriacontane (C36)

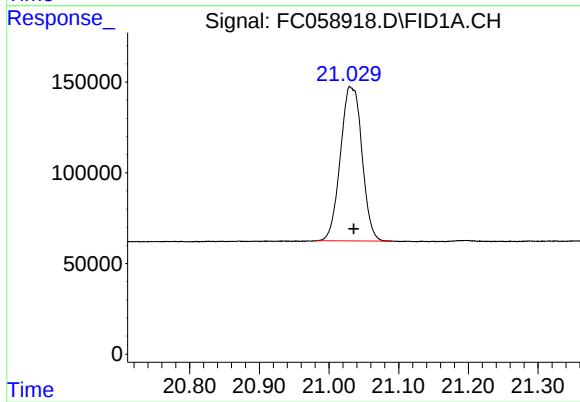
R.T.: 19.591 min  
Delta R.T.: -0.004 min  
Response: 1862722  
Conc: 19.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.289 min  
Delta R.T.: -0.004 min  
Response: 1801111  
Conc: 19.57 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.032 min  
Delta R.T.: -0.004 min  
Response: 1820602  
Conc: 19.59 ug/ml