

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC033021AL\  
 Data File : FC052859.D  
 Signal(s) : FID1A.CH  
 Acq On : 31 Mar 2021 00:20  
 Operator : DD\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: Mar 31 07:28:18 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 031721.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 17 03:47:28 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)    | 11.558 | 2450123    | 18.279 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.56%       |
| 12) S 1-chlorooctadecane (S... | 12.996 | 1898072    | 17.598 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.20%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.319  | 2406627    | 20.720 ug/ml |
| 2) T n-Decane (C10)            | 4.385  | 2436653    | 20.793 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.969  | 2693393    | 20.572 ug/ml |
| 4) T n-Dodecane (C12)          | 6.404  | 2484313    | 20.691 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.027  | 2743343    | 20.494 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.200  | 2467107    | 20.398 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.801  | 2388423    | 19.859 ug/ml |
| 8) T n-Octadecane (C18)        | 11.243 | 2402423    | 19.041 ug/ml |
| 10) T n-Eicosane (C20)         | 12.552 | 2304607    | 18.048 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.164 | 2246452    | 17.674 ug/ml |
| 13) T n-Docosane (C22)         | 13.750 | 2179851    | 17.207 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.852 | 2068043    | 16.555 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.873 | 1964798    | 16.317 ug/ml |
| 16) T n-Octacosane (C28)       | 16.822 | 1913584    | 16.597 ug/ml |
| 17) T n-Tricontane (C30)       | 17.708 | 1902268    | 17.460 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.540 | 1897958    | 18.915 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.323 | 1886705    | 20.526 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.063 | 1849149    | 20.278 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.794 | 1792860    | 21.967 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.697 | 1843206    | 21.398 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

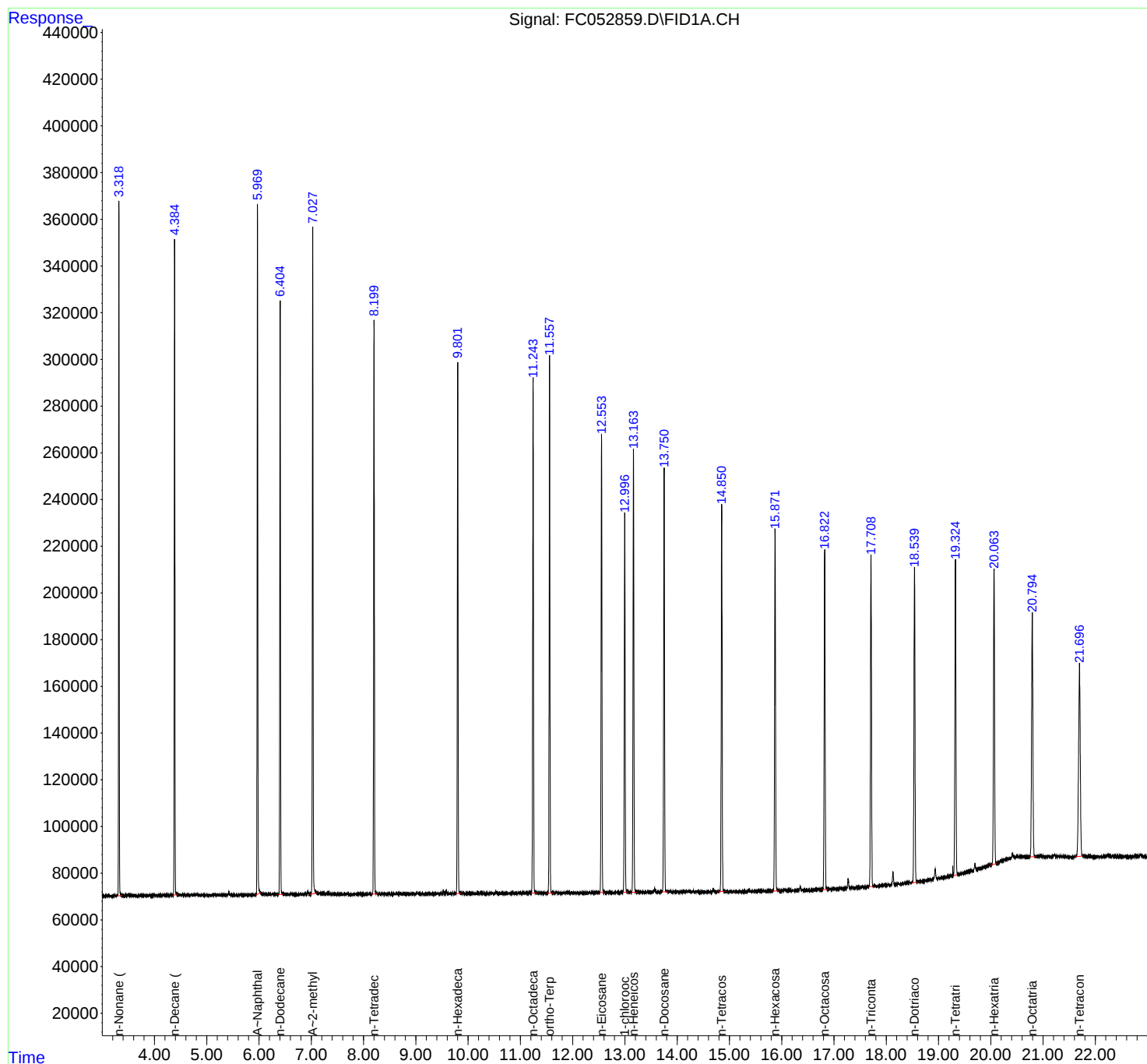
(m)=manual int.

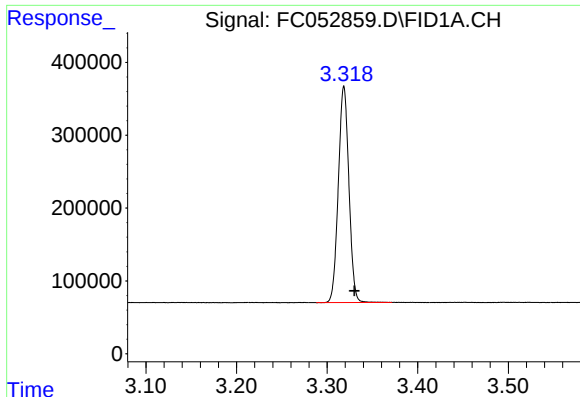
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC033021AL\  
Data File : FC052859.D  
Signal(s) : FID1A.CH  
Acq On : 31 Mar 2021 00:20  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: Mar 31 07:28:18 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 031721.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 17 03:47:28 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

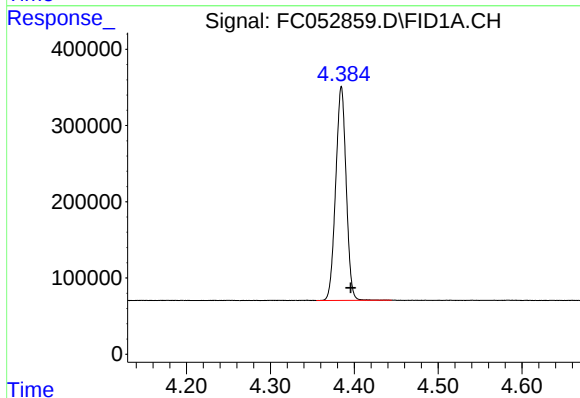




#1 n-Nonane (C9)

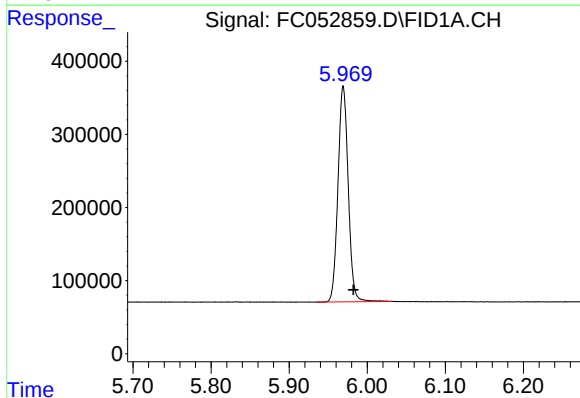
R.T.: 3.319 min  
Delta R.T.: -0.011 min  
Response: 2406627  
Conc: 20.72 ug/ml

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



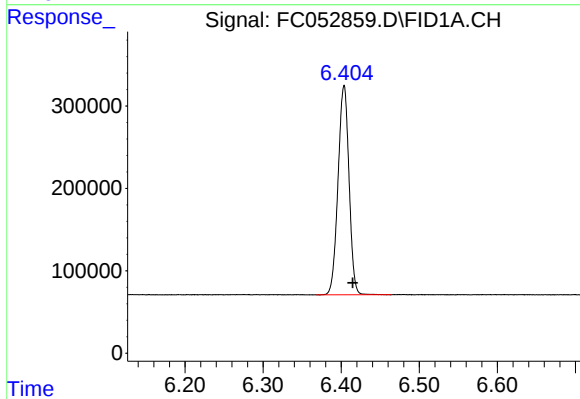
#2 n-Decane (C10)

R.T.: 4.385 min  
Delta R.T.: -0.011 min  
Response: 2436653  
Conc: 20.79 ug/ml



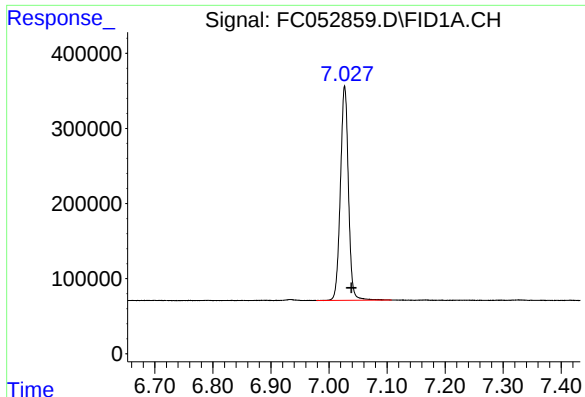
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min  
Delta R.T.: -0.013 min  
Response: 2693393  
Conc: 20.57 ug/ml



#4 n-Dodecane (C12)

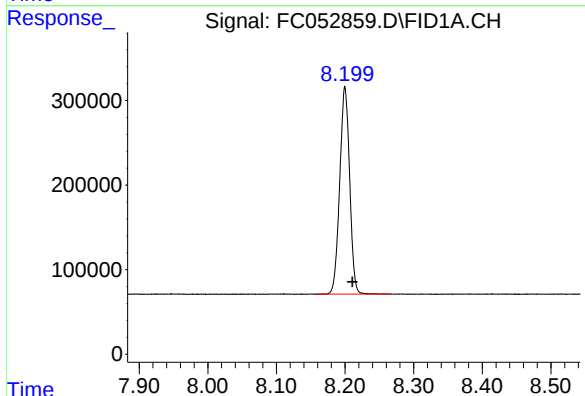
R.T.: 6.404 min  
Delta R.T.: -0.011 min  
Response: 2484313  
Conc: 20.69 ug/ml



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

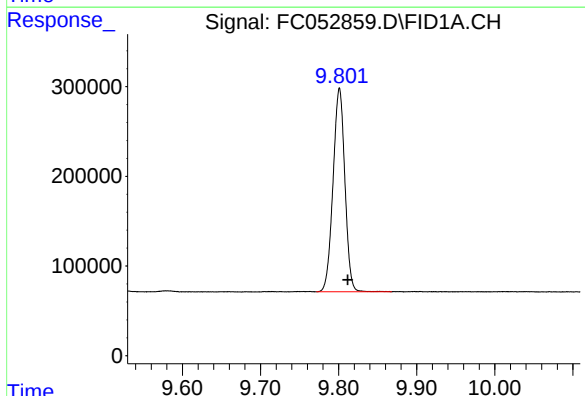
R.T.: 7.027 min  
Delta R.T.: -0.012 min  
Response: 2743343  
Conc: 20.49 ug/ml

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



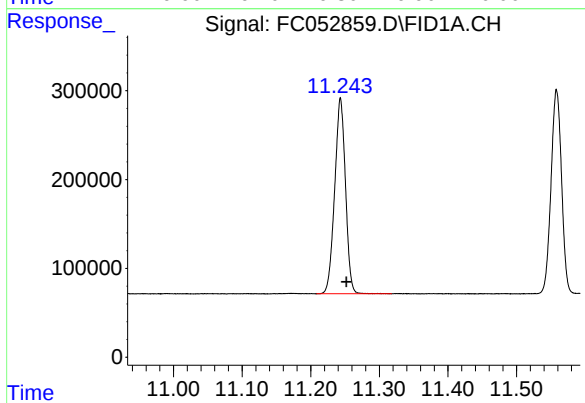
#6 n-Tetradecane (C14)

R.T.: 8.200 min  
Delta R.T.: -0.011 min  
Response: 2467107  
Conc: 20.40 ug/ml



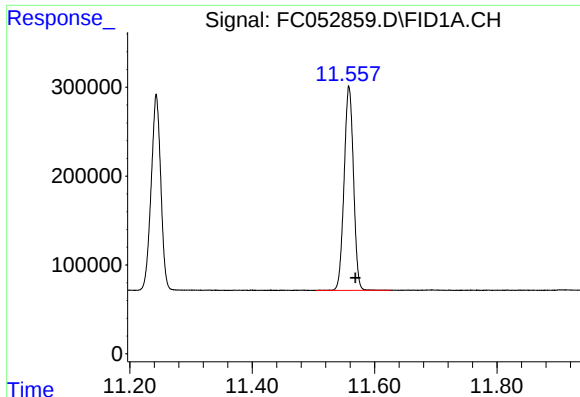
#7 n-Hexadecane (C16)

R.T.: 9.801 min  
Delta R.T.: -0.011 min  
Response: 2388423  
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

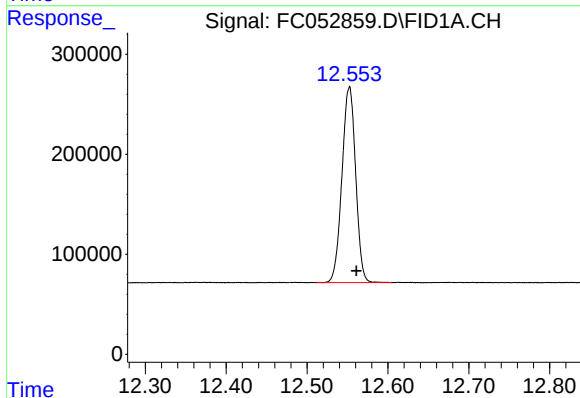
R.T.: 11.243 min  
Delta R.T.: -0.008 min  
Response: 2402423  
Conc: 19.04 ug/ml



#9 ortho-Terphenyl (SURR)

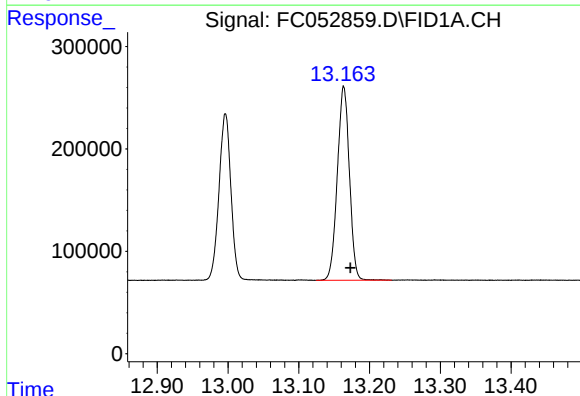
R.T.: 11.558 min  
Delta R.T.: -0.010 min  
Response: 2450123  
Conc: 18.28 ug/ml

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



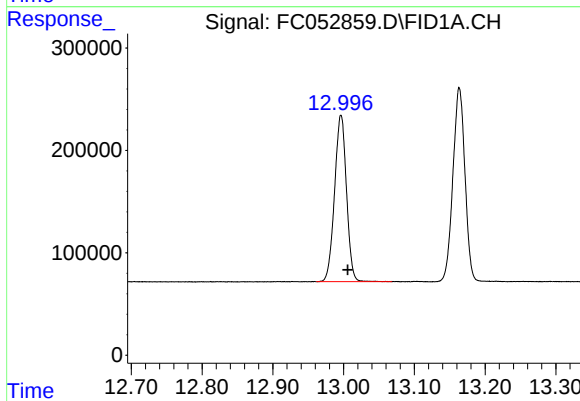
#10 n-Eicosane (C20)

R.T.: 12.552 min  
Delta R.T.: -0.009 min  
Response: 2304607  
Conc: 18.05 ug/ml



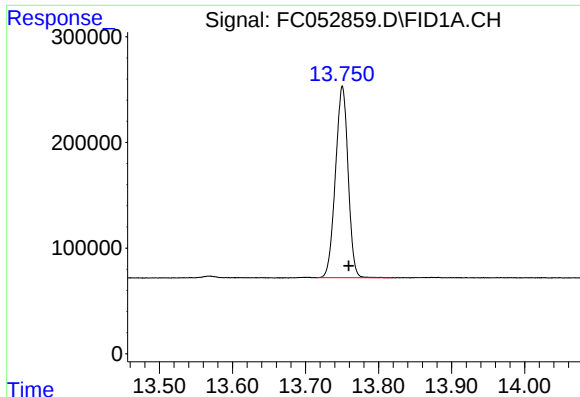
#11 n-Heneicosane (C21)

R.T.: 13.164 min  
Delta R.T.: -0.009 min  
Response: 2246452  
Conc: 17.67 ug/ml



#12 1-chlorooctadecane (SURR)

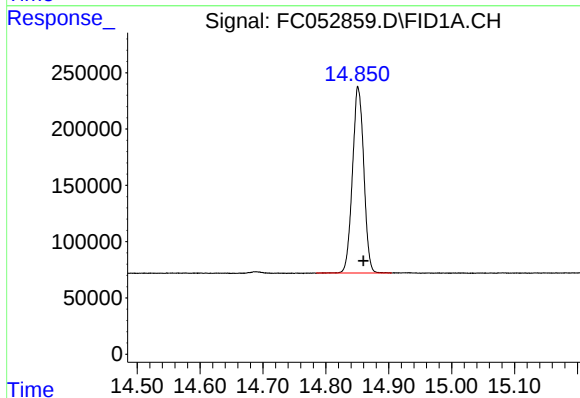
R.T.: 12.996 min  
Delta R.T.: -0.010 min  
Response: 1898072  
Conc: 17.60 ug/ml



#13 n-Docosane (C22)

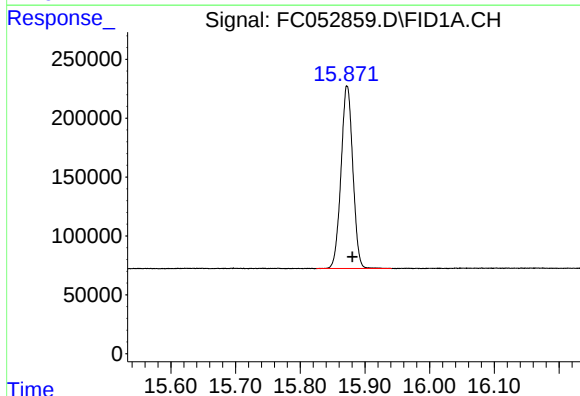
R.T.: 13.750 min  
Delta R.T.: -0.009 min  
Response: 2179851  
Conc: 17.21 ug/ml

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



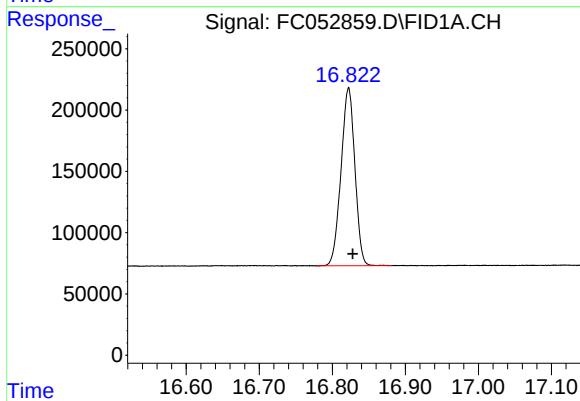
#14 n-Tetracosane (C24)

R.T.: 14.852 min  
Delta R.T.: -0.008 min  
Response: 2068043  
Conc: 16.55 ug/ml



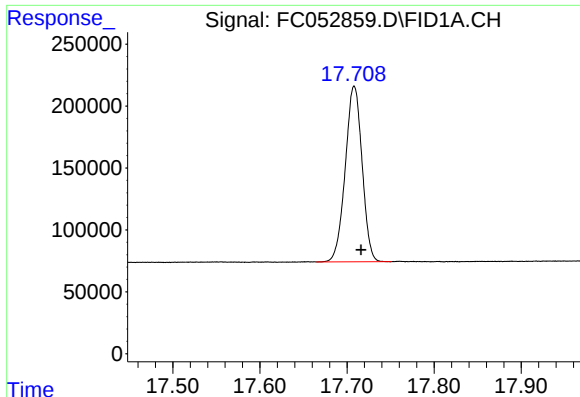
#15 n-Hexacosane (C26)

R.T.: 15.873 min  
Delta R.T.: -0.008 min  
Response: 1964798  
Conc: 16.32 ug/ml



#16 n-Octacosane (C28)

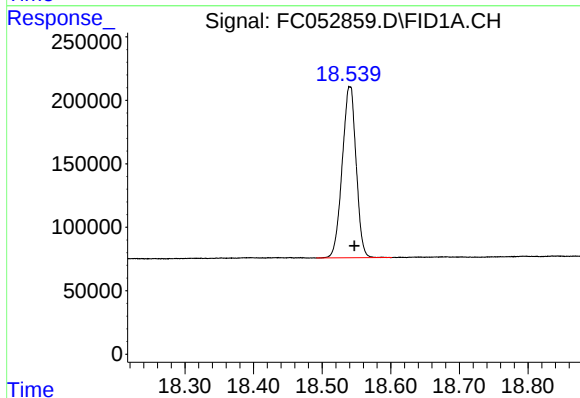
R.T.: 16.822 min  
Delta R.T.: -0.006 min  
Response: 1913584  
Conc: 16.60 ug/ml



#17 n-Tricontane (C30)

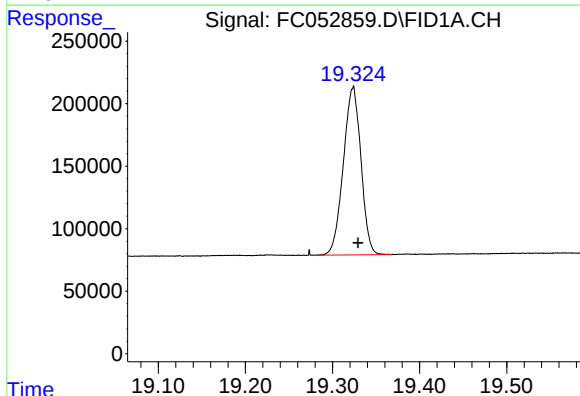
R.T.: 17.708 min  
Delta R.T.: -0.008 min  
Response: 1902268  
Conc: 17.46 ug/ml

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



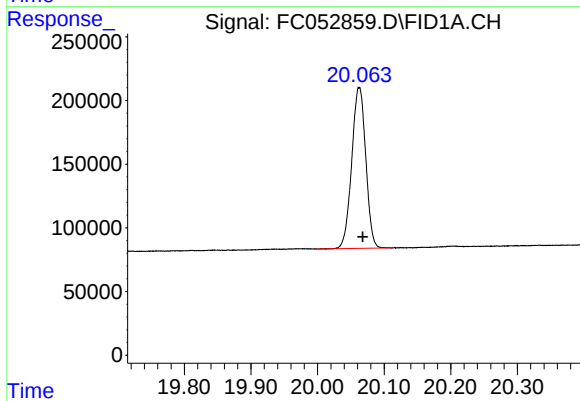
#18 n-Dotriacontane (C32)

R.T.: 18.540 min  
Delta R.T.: -0.007 min  
Response: 1897958  
Conc: 18.92 ug/ml



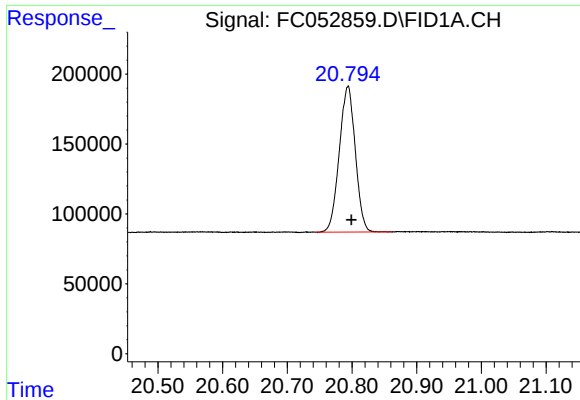
#19 n-Tetratriacontane (C34)

R.T.: 19.323 min  
Delta R.T.: -0.006 min  
Response: 1886705  
Conc: 20.53 ug/ml



#20 n-Hexatriacontane (C36)

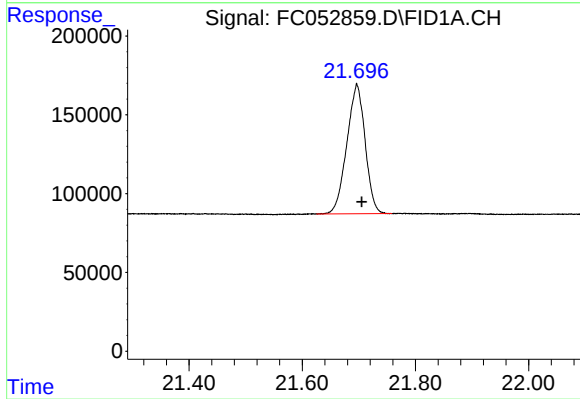
R.T.: 20.063 min  
Delta R.T.: -0.005 min  
Response: 1849149  
Conc: 20.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.794 min  
Delta R.T.: -0.005 min  
Response: 1792860  
Conc: 21.97 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.697 min  
Delta R.T.: -0.009 min  
Response: 1843206  
Conc: 21.40 ug/ml