

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC110222AL\  
 Data File : FC062070.D  
 Signal(s) : FID1A.ch  
 Acq On : 02 Nov 2022 15:02  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Nov 03 06:17:55 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)    | 11.584 | 3016557    | 20.294 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.59%       |
| 12) S 1-chlorooctadecane (S... | 13.019 | 2391613    | 20.529 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.06%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.351  | 2786884    | 19.813 ug/ml |
| 2) T n-Decane (C10)            | 4.418  | 2814618    | 19.718 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.003  | 3033288    | 19.651 ug/ml |
| 4) T n-Dodecane (C12)          | 6.433  | 2855144    | 19.668 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.058  | 2983376    | 19.667 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.227  | 2848417    | 19.595 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.826  | 2890298    | 19.848 ug/ml |
| 8) T n-Octadecane (C18)        | 11.267 | 2913636    | 20.158 ug/ml |
| 10) T n-Eicosane (C20)         | 12.576 | 2882458    | 20.423 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.187 | 2920789    | 21.050 ug/ml |
| 13) T n-Docosane (C22)         | 13.772 | 2812009    | 20.512 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.874 | 2704281    | 20.467 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.893 | 2582060    | 20.492 ug/ml |
| 16) T n-Octacosane (C28)       | 16.842 | 2447373    | 20.292 ug/ml |
| 17) T n-Tricontane (C30)       | 17.728 | 2385184    | 20.046 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.559 | 2344363    | 19.898 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.342 | 2237369    | 19.804 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.080 | 2188646    | 19.299 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.815 | 2251399    | 20.009 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.726 | 2115799    | 18.846 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

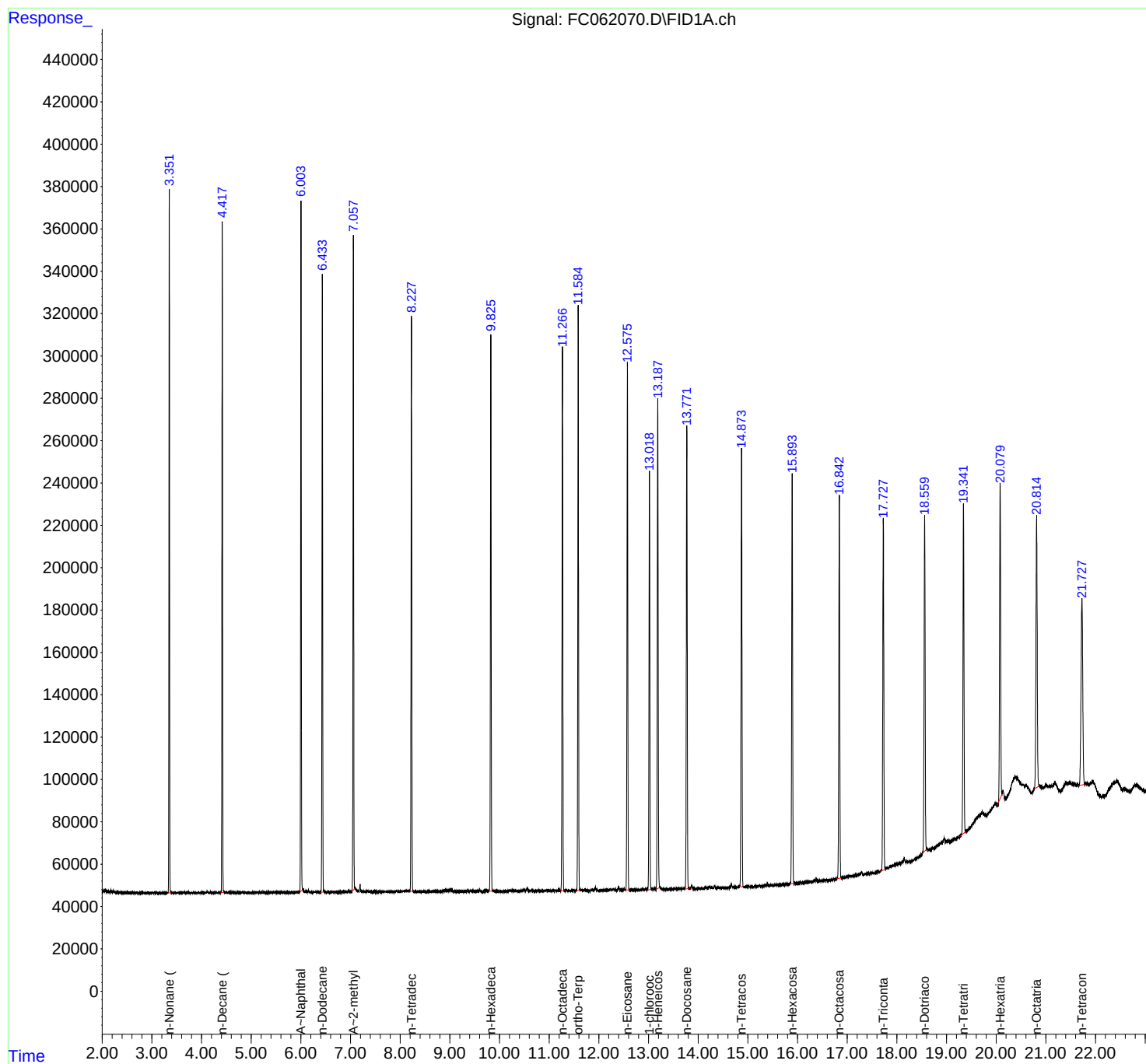
(m)=manual int.

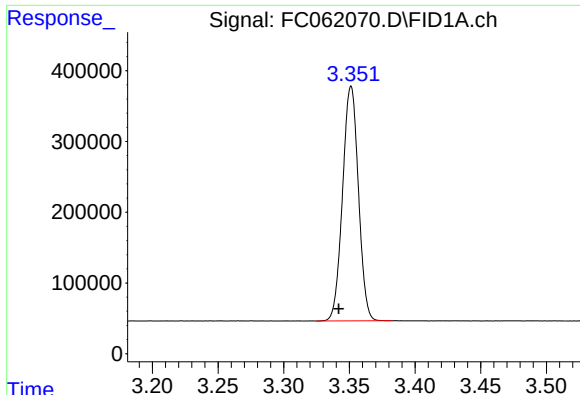
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC110222AL\  
Data File : FC062070.D  
Signal(s) : FID1A.ch  
Acq On : 02 Nov 2022 15:02  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: Nov 03 06:17:55 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

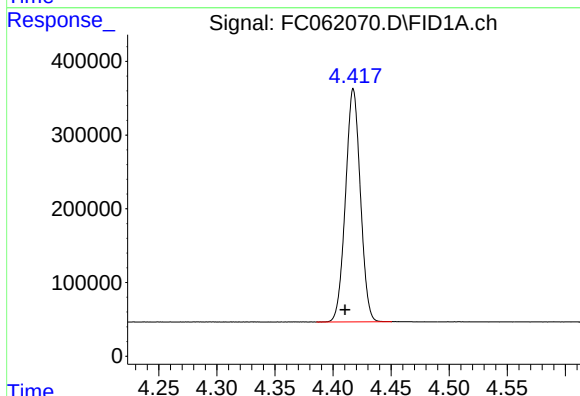




#1 n-Nonane (C9)

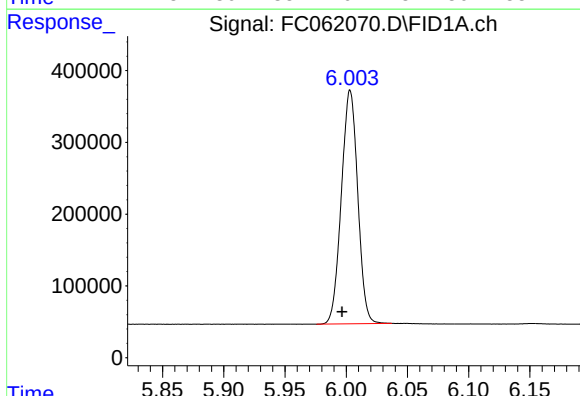
R.T.: 3.351 min  
Delta R.T.: 0.009 min  
Response: 2786884  
Conc: 19.81 ug/ml

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



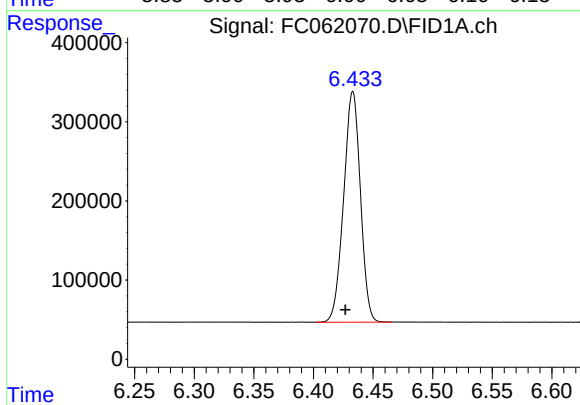
#2 n-Decane (C10)

R.T.: 4.418 min  
Delta R.T.: 0.007 min  
Response: 2814618  
Conc: 19.72 ug/ml



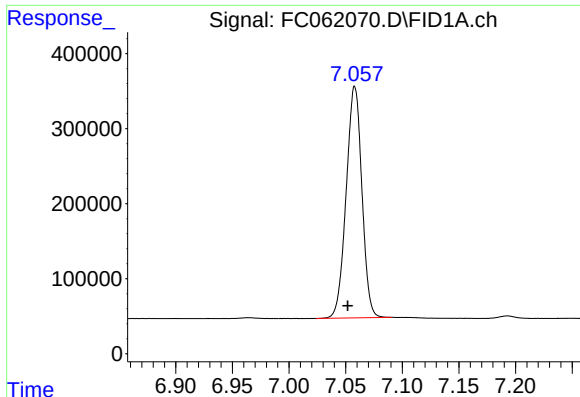
#3 A~Naphthalene (C11.7)

R.T.: 6.003 min  
Delta R.T.: 0.007 min  
Response: 3033288  
Conc: 19.65 ug/ml



#4 n-Dodecane (C12)

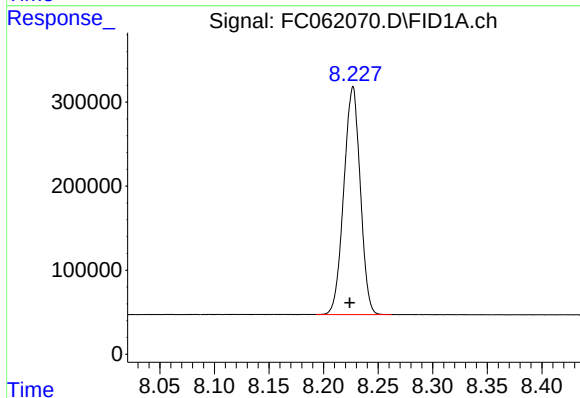
R.T.: 6.433 min  
Delta R.T.: 0.006 min  
Response: 2855144  
Conc: 19.67 ug/ml



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

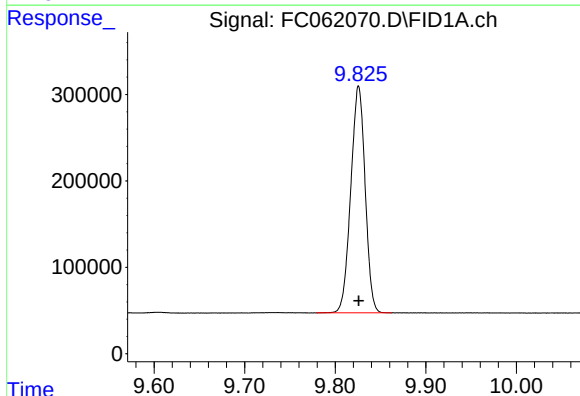
R.T.: 7.058 min  
Delta R.T.: 0.006 min  
Response: 2983376  
Conc: 19.67 ug/ml

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



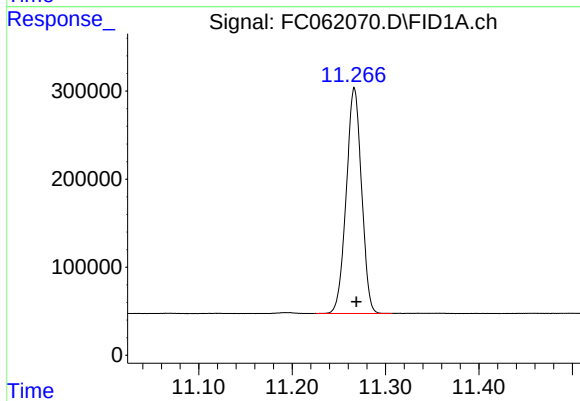
#6 n-Tetradecane (C14)

R.T.: 8.227 min  
Delta R.T.: 0.003 min  
Response: 2848417  
Conc: 19.60 ug/ml



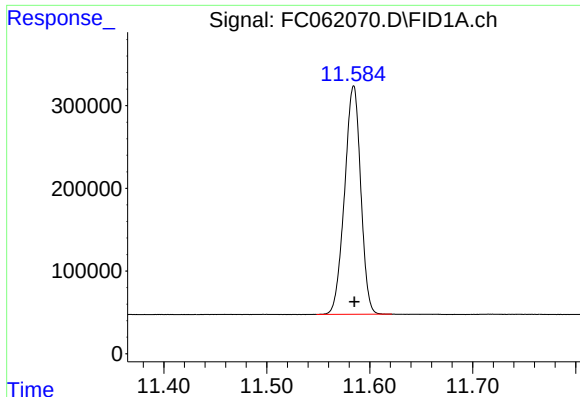
#7 n-Hexadecane (C16)

R.T.: 9.826 min  
Delta R.T.: 0.000 min  
Response: 2890298  
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

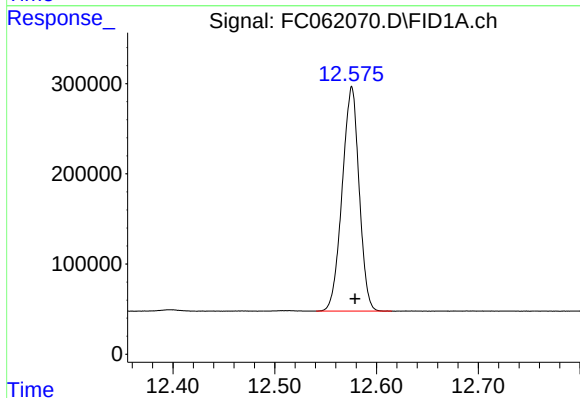
R.T.: 11.267 min  
Delta R.T.: -0.002 min  
Response: 2913636  
Conc: 20.16 ug/ml



#9 ortho-Terphenyl (SURR)

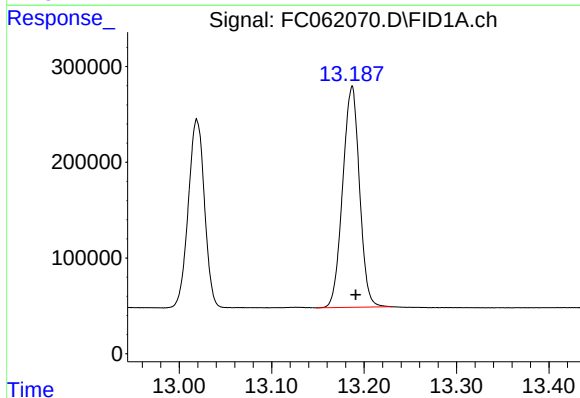
R.T.: 11.584 min  
Delta R.T.: 0.000 min  
Response: 3016557  
Conc: 20.29 ug/ml

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



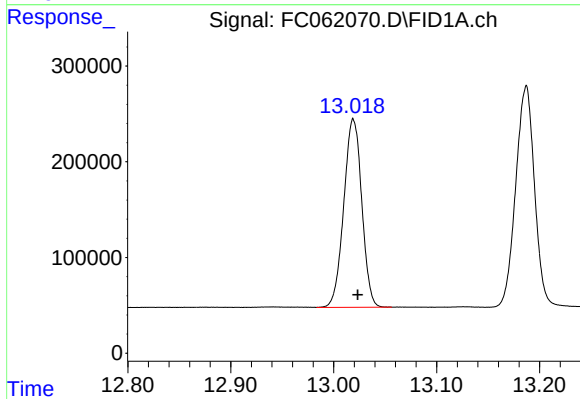
#10 n-Eicosane (C20)

R.T.: 12.576 min  
Delta R.T.: -0.003 min  
Response: 2882458  
Conc: 20.42 ug/ml



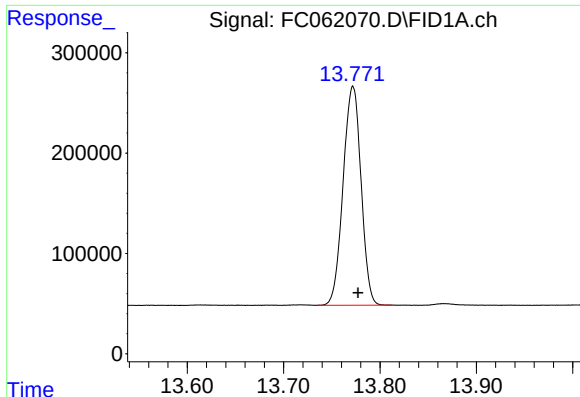
#11 n-Heneicosane (C21)

R.T.: 13.187 min  
Delta R.T.: -0.004 min  
Response: 2920789  
Conc: 21.05 ug/ml



#12 1-chlorooctadecane (SURR)

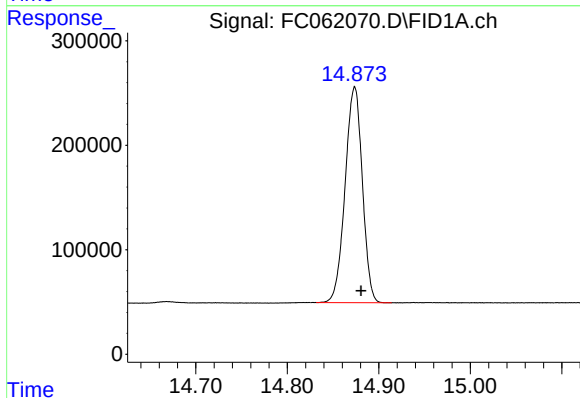
R.T.: 13.019 min  
Delta R.T.: -0.004 min  
Response: 2391613  
Conc: 20.53 ug/ml



#13 n-Docosane (C22)

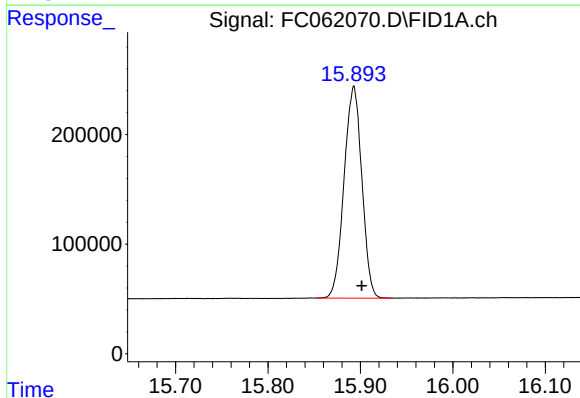
R.T.: 13.772 min  
Delta R.T.: -0.005 min  
Response: 2812009  
Conc: 20.51 ug/ml

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



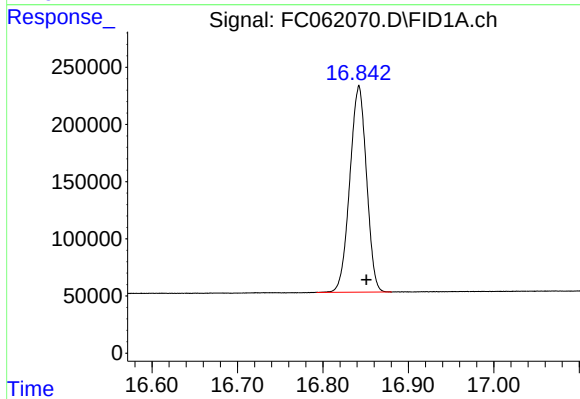
#14 n-Tetracosane (C24)

R.T.: 14.874 min  
Delta R.T.: -0.007 min  
Response: 2704281  
Conc: 20.47 ug/ml



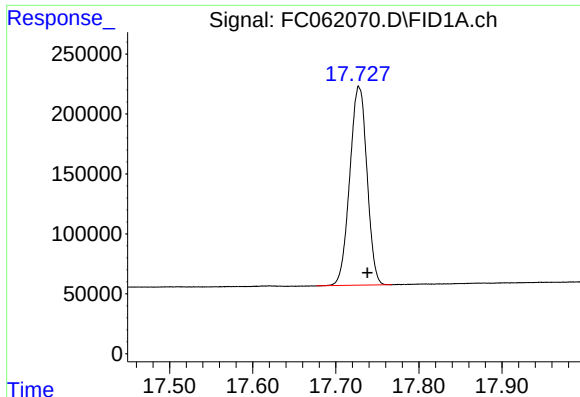
#15 n-Hexacosane (C26)

R.T.: 15.893 min  
Delta R.T.: -0.009 min  
Response: 2582060  
Conc: 20.49 ug/ml



#16 n-Octacosane (C28)

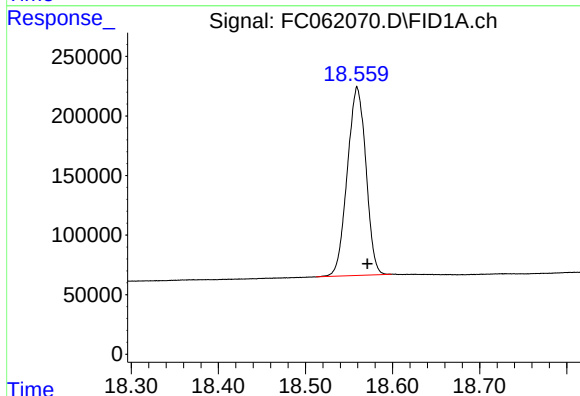
R.T.: 16.842 min  
Delta R.T.: -0.009 min  
Response: 2447373  
Conc: 20.29 ug/ml



#17 n-Tricontane (C30)

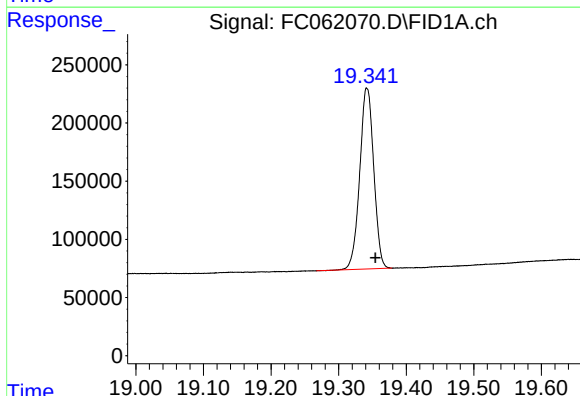
R.T.: 17.728 min  
Delta R.T.: -0.010 min  
Response: 2385184  
Conc: 20.05 ug/ml

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



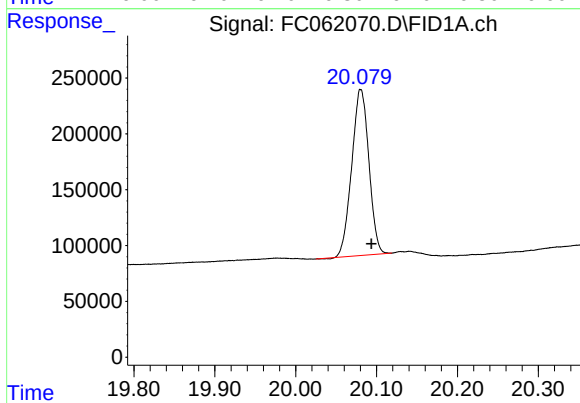
#18 n-Dotriacontane (C32)

R.T.: 18.559 min  
Delta R.T.: -0.012 min  
Response: 2344363  
Conc: 19.90 ug/ml



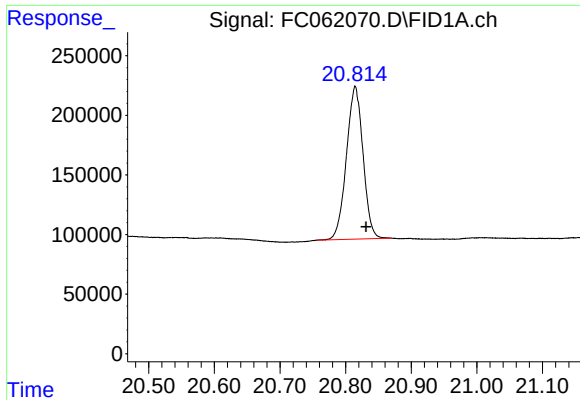
#19 n-Tetratriacontane (C34)

R.T.: 19.342 min  
Delta R.T.: -0.013 min  
Response: 2237369  
Conc: 19.80 ug/ml



#20 n-Hexatriacontane (C36)

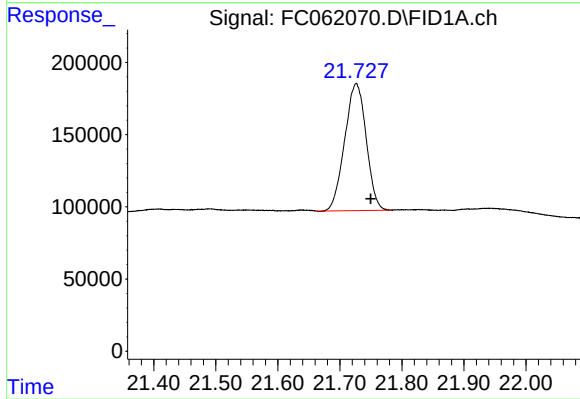
R.T.: 20.080 min  
Delta R.T.: -0.013 min  
Response: 2188646  
Conc: 19.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.815 min  
Delta R.T.: -0.017 min  
Response: 2251399  
Conc: 20.01 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.726 min  
Delta R.T.: -0.023 min  
Response: 2115799  
Conc: 18.85 ug/ml