

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062423AL\
 Data File : FC063983.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2023 12:19
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jun 25 04:02:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 03:56:00 2023
 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)	11.524	1010741	5.206 ug/ml
Spiked Amount 50.000		Recovery =	10.41%
12) S 1-chlorooctadecane (S...	12.961	713894	5.131 ug/ml
Spiked Amount 50.000		Recovery =	10.26%
Target Compounds			
1) T n-Nonane (C9)	3.303	913471	5.122 ug/ml
2) T n-Decane (C10)	4.367	921655	5.093 ug/ml
3) T A~Naphthalene (C11.7)	5.952	914588	4.903 ug/ml
4) T n-Dodecane (C12)	6.383	925269	5.136 ug/ml
5) T A~2-methylnaphthalene...	7.006	846487	4.810 ug/ml
6) T n-Tetradecane (C14)	8.175	886182	5.123 ug/ml
7) T n-Hexadecane (C16)	9.773	896265	5.160 ug/ml
8) T n-Octadecane (C18)	11.212	897694	5.209 ug/ml
10) T n-Eicosane (C20)	12.517	871025	5.336 ug/ml
11) T n-Heneicosane (C21)	13.128	881604	5.502 ug/ml
13) T n-Docosane (C22)	13.711	844705	5.376 ug/ml
14) T n-Tetracosane (C24)	14.811	903123	5.730 ug/ml
15) T n-Hexacosane (C26)	15.829	801330	5.304 ug/ml
16) T n-Octacosane (C28)	16.777	837970	5.561 ug/ml
17) T n-Tricontane (C30)	17.662	888908	5.694 ug/ml
18) T n-Dotriacontane (C32)	18.492	944173	5.977 ug/ml
19) T n-Tetratriacontane (C34)	19.272	885472	5.754 ug/ml
20) T n-Hexatriacontane (C36)	20.008	814640	5.518 ug/ml
21) T n-Octatriacontane (C38)	20.733	807982	5.455 ug/ml
22) T n-Tetracontane (C40)	21.625	767567	5.266 ug/ml

(f)=RT Delta > 1/2 Window

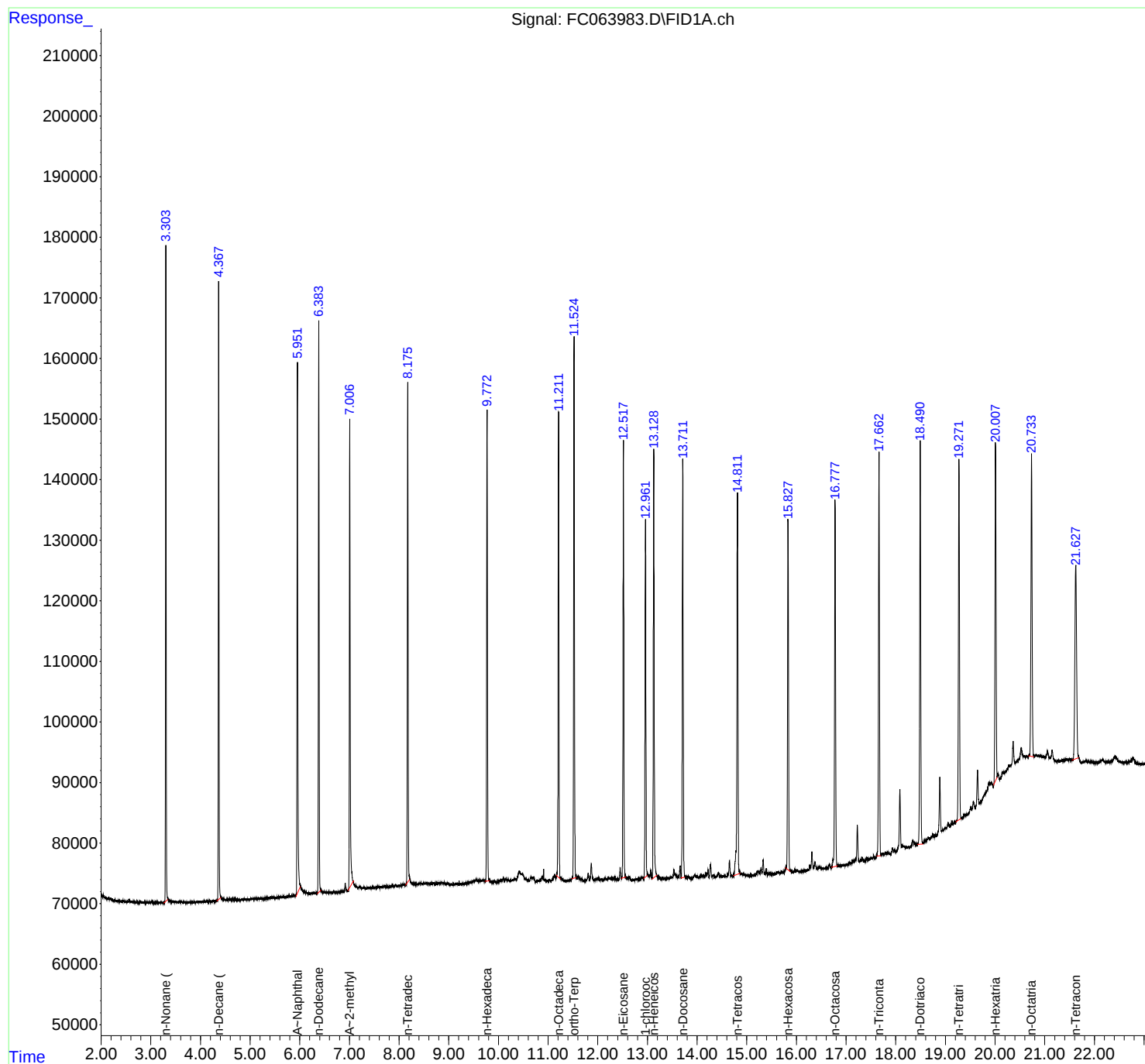
(m)=manual int.

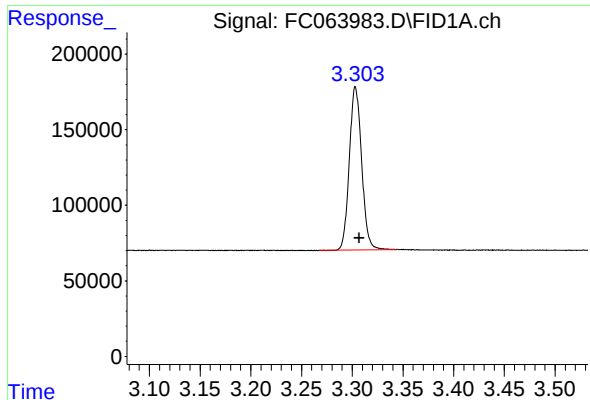
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062423AL\
Data File : FC063983.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2023 12:19
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Jun 25 04:02:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
Quant Title : GC Extractables
QLast Update : Sun Jun 25 03:56:00 2023
Response via : Initial Calibration
Integrator: ChemStation

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

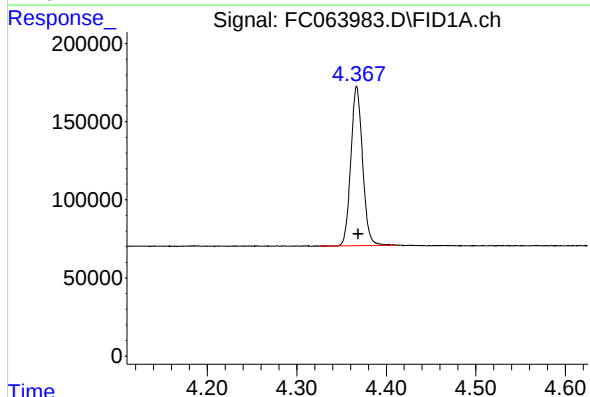




#1 n-Nonane (C9)

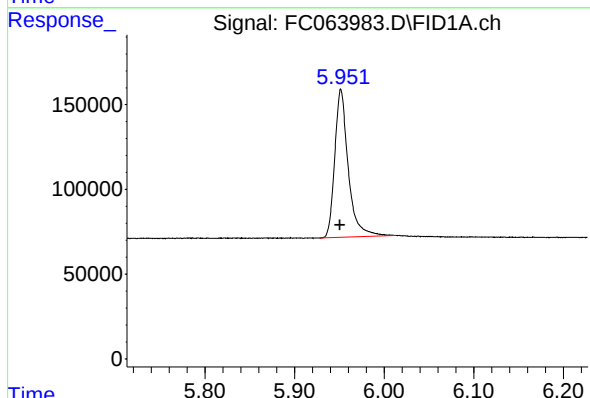
R.T.: 3.303 min
Delta R.T.: -0.004 min
Response: 913471
Conc: 5.12 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



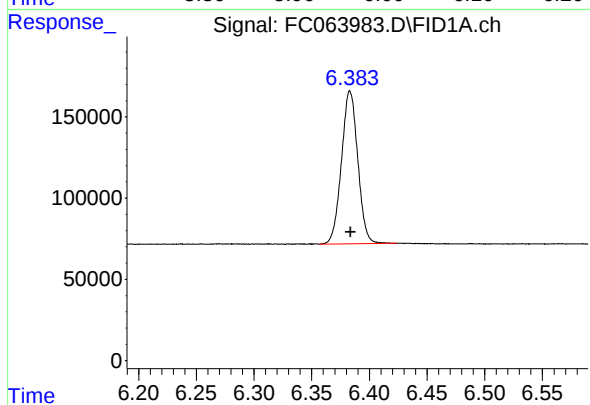
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 921655
Conc: 5.09 ug/ml



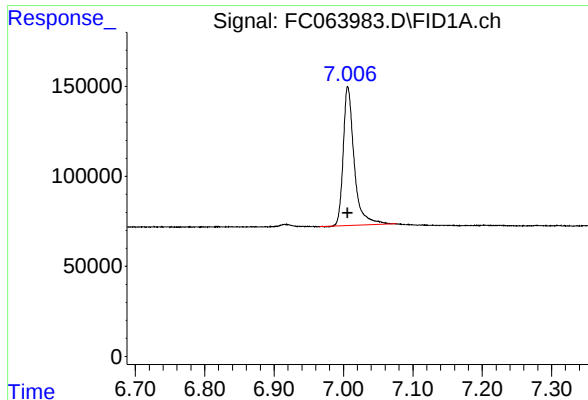
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.001 min
Response: 914588
Conc: 4.90 ug/ml



#4 n-Dodecane (C12)

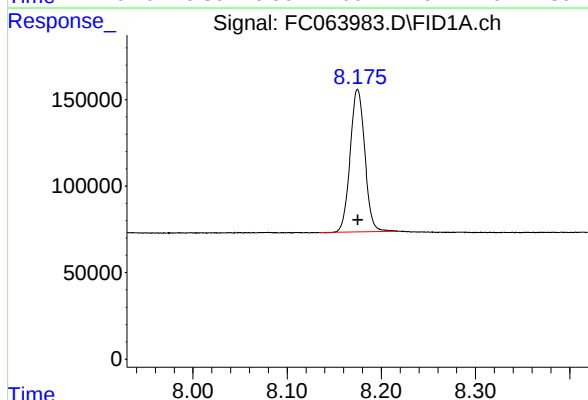
R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 925269
Conc: 5.14 ug/ml



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

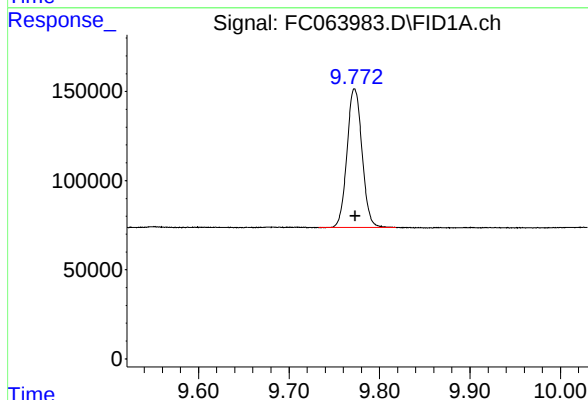
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 846487
Conc: 4.81 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



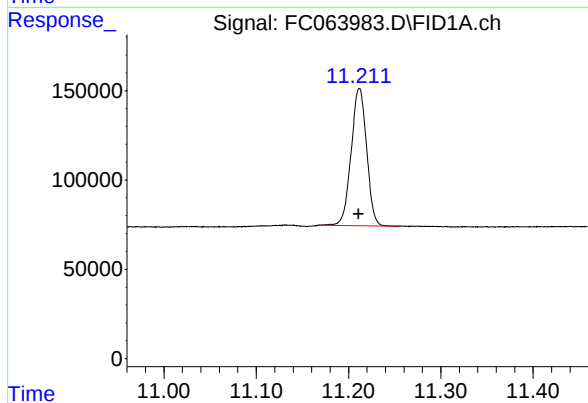
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 886182
Conc: 5.12 ug/ml



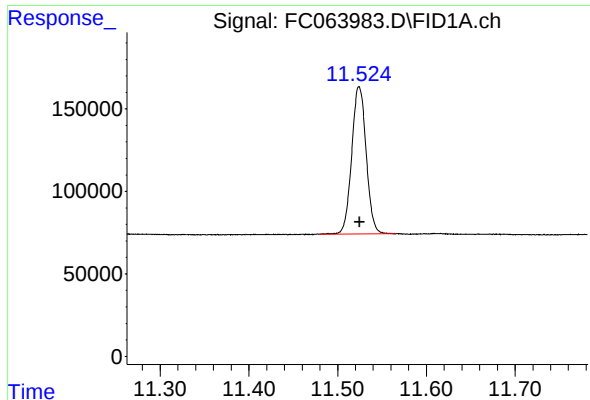
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.000 min
Response: 896265
Conc: 5.16 ug/ml



#8 n-Octadecane (C18)

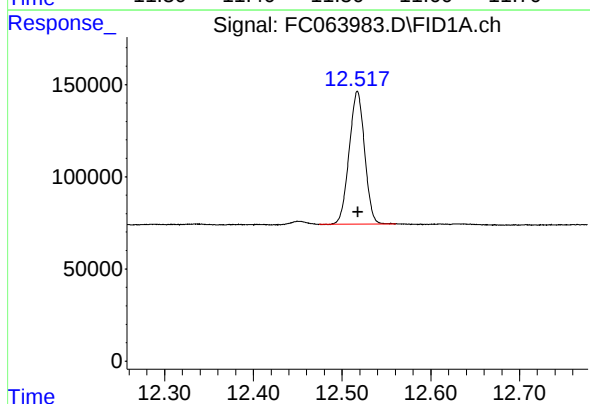
R.T.: 11.212 min
Delta R.T.: 0.000 min
Response: 897694
Conc: 5.21 ug/ml



#9 ortho-Terphenyl (SURR)

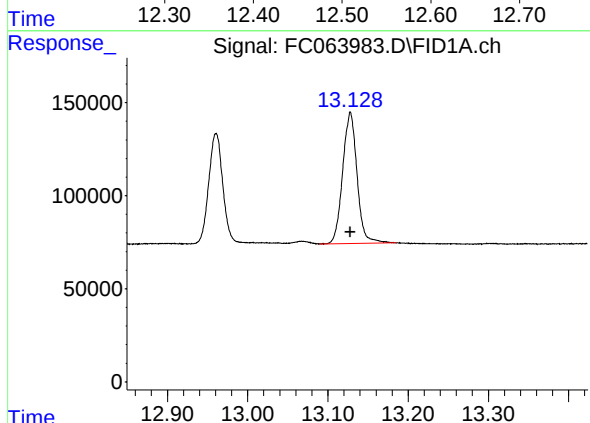
R.T.: 11.524 min
Delta R.T.: 0.000 min
Response: 1010741
Conc: 5.21 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



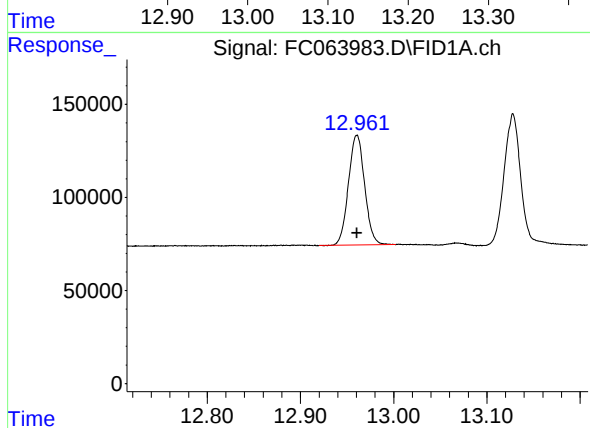
#10 n-Eicosane (C20)

R.T.: 12.517 min
Delta R.T.: 0.000 min
Response: 871025
Conc: 5.34 ug/ml



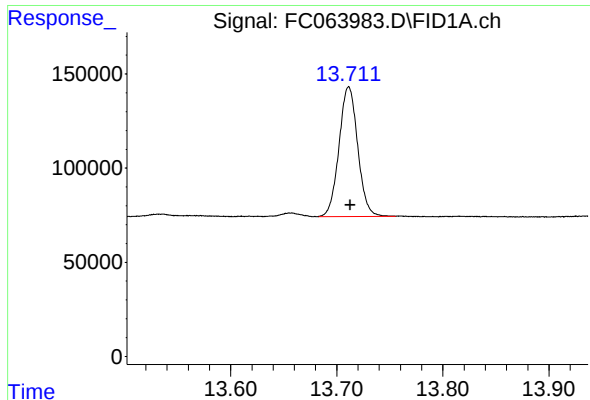
#11 n-Heneicosane (C21)

R.T.: 13.128 min
Delta R.T.: 0.000 min
Response: 881604
Conc: 5.50 ug/ml



#12 1-chlorooctadecane (SURR)

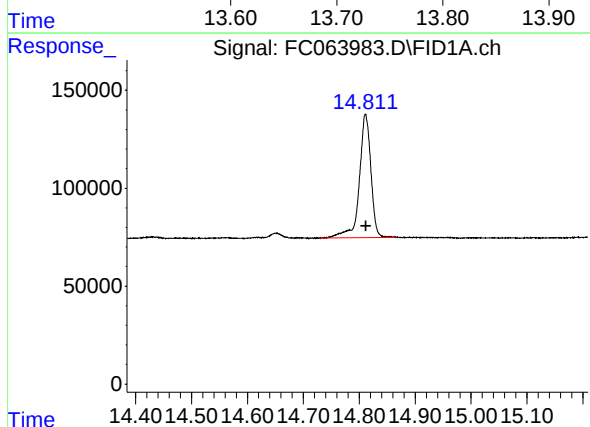
R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 713894
Conc: 5.13 ug/ml



#13 n-Docosane (C22)

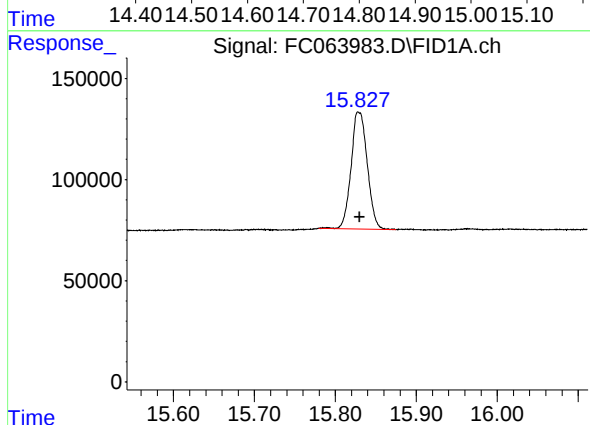
R.T.: 13.711 min
Delta R.T.: -0.002 min
Response: 844705
Conc: 5.38 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



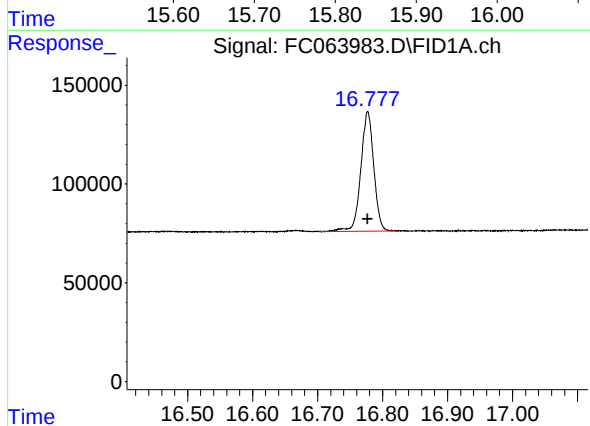
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: -0.001 min
Response: 903123
Conc: 5.73 ug/ml



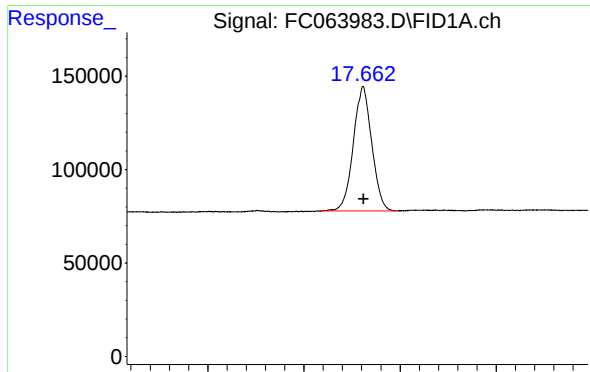
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: -0.001 min
Response: 801330
Conc: 5.30 ug/ml



#16 n-Octacosane (C28)

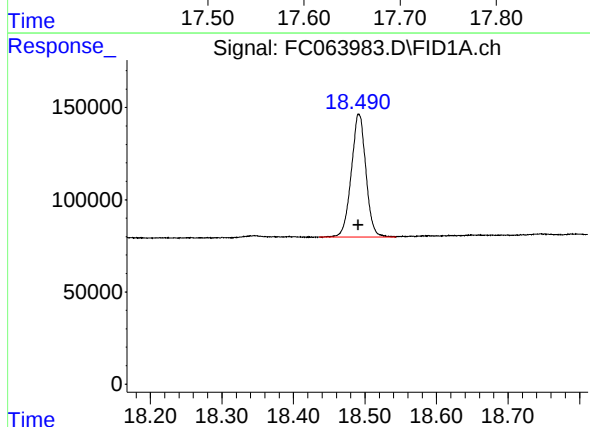
R.T.: 16.777 min
Delta R.T.: 0.000 min
Response: 837970
Conc: 5.56 ug/ml



#17 n-Tricontane (C30)

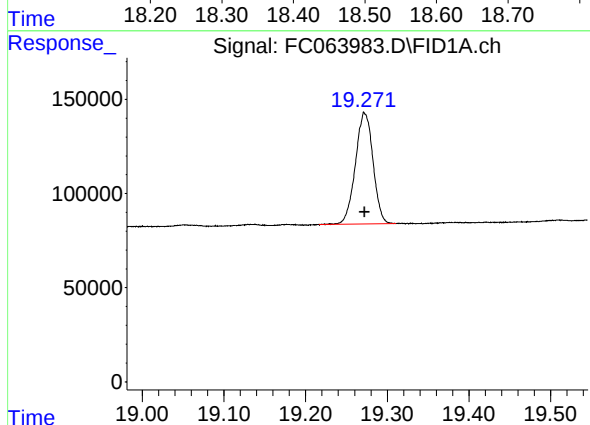
R.T.: 17.662 min
Delta R.T.: 0.000 min
Response: 888908
Conc: 5.69 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



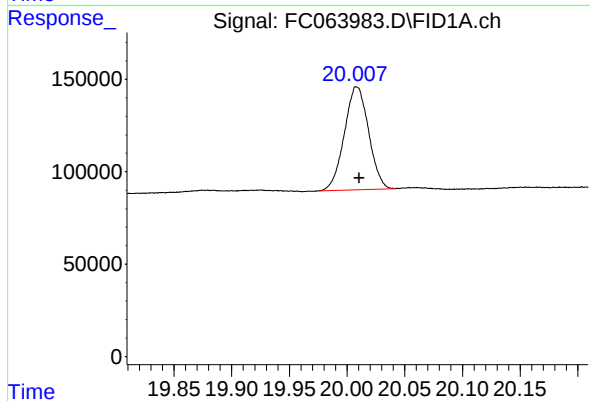
#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: 0.000 min
Response: 944173
Conc: 5.98 ug/ml



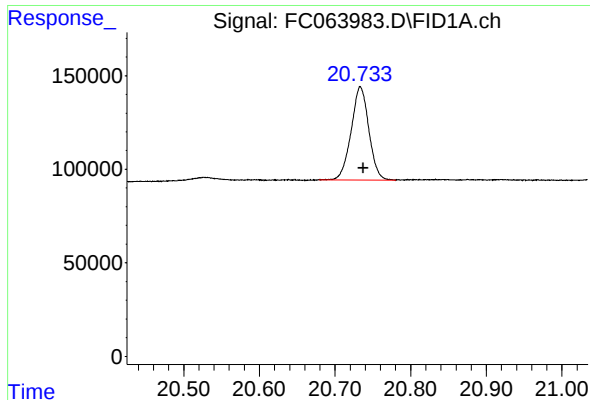
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min
Delta R.T.: 0.000 min
Response: 885472
Conc: 5.75 ug/ml



#20 n-Hexatriacontane (C36)

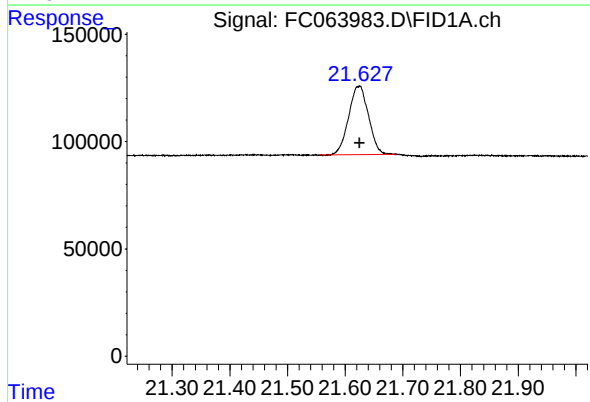
R.T.: 20.008 min
Delta R.T.: -0.002 min
Response: 814640
Conc: 5.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: -0.004 min
Response: 807982
Conc: 5.45 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.625 min
Delta R.T.: 0.000 min
Response: 767567
Conc: 5.27 ug/ml