

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081023AL\
 Data File : FG012664.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2023 13:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 10 16:22:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 15:32:13 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)	11.982	2655337	19.697 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
12) S 1-chlorooctadecane (S...	13.423	2060962	19.759 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
Target Compounds			
1) T n-Nonane (C9)	3.347	2041258	19.651 ug/ml
2) T n-Decane (C10)	4.598	2052646	19.569 ug/ml
3) T A~Naphthalene (C11.7)	6.303	2235336	19.604 ug/ml
4) T n-Dodecane (C12)	6.770	2092312	19.589 ug/ml
5) T A~2-methylnaphthalene...	7.403	2242926	19.588 ug/ml
6) T n-Tetradecane (C14)	8.602	2106524	19.605 ug/ml
7) T n-Hexadecane (C16)	10.215	2141464	19.683 ug/ml
8) T n-Octadecane (C18)	11.664	2174455	19.709 ug/ml
10) T n-Eicosane (C20)	12.977	2180985	19.765 ug/ml
11) T n-Heneicosane (C21)	13.591	2180131	19.754 ug/ml
13) T n-Docosane (C22)	14.178	2167209	19.796 ug/ml
14) T n-Tetracosane (C24)	15.285	2136161	19.797 ug/ml
15) T n-Hexacosane (C26)	16.308	2079217	19.798 ug/ml
16) T n-Octacosane (C28)	17.260	2000515	19.760 ug/ml
17) T n-Tricontane (C30)	18.149	1964156	19.719 ug/ml
18) T n-Dotriacontane (C32)	18.981	1990148	20.135 ug/ml
19) T n-Tetratriacontane (C34)	19.766	1825642	19.841 ug/ml
20) T n-Hexatriacontane (C36)	20.505	1771327	19.729 ug/ml
21) T n-Octatriacontane (C38)	21.261	1674729	19.722 ug/ml
22) T n-Tetracontane (C40)	22.212	1596172	19.553 ug/ml

(f)=RT Delta > 1/2 Window

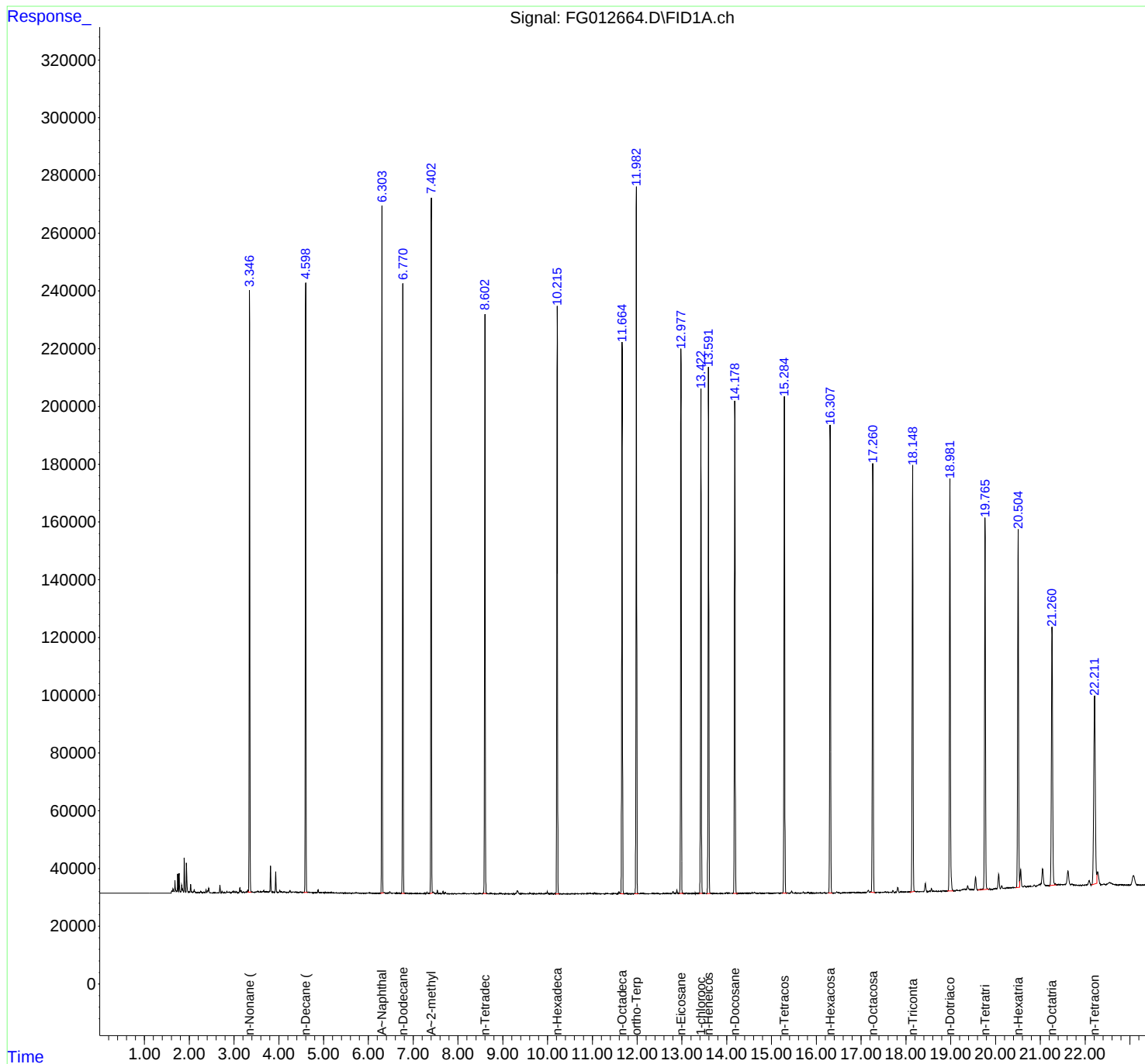
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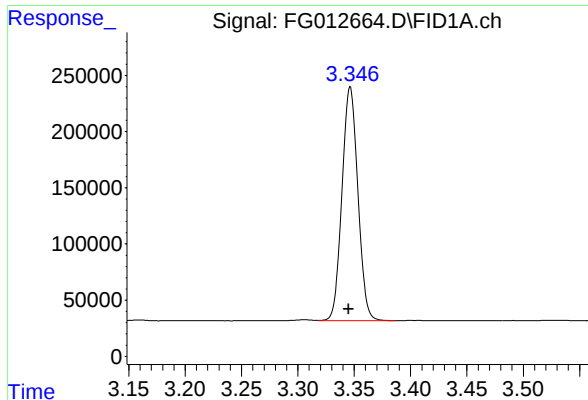
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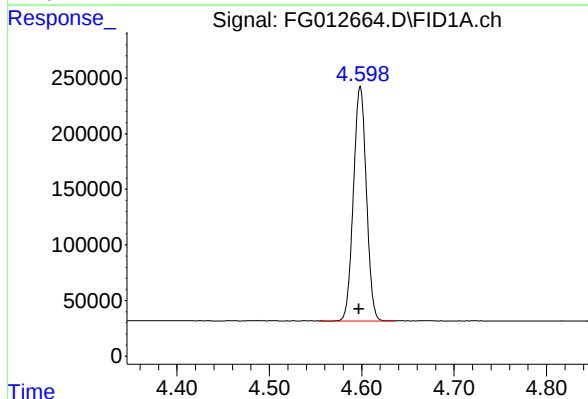




#1 n-Nonane (C9)

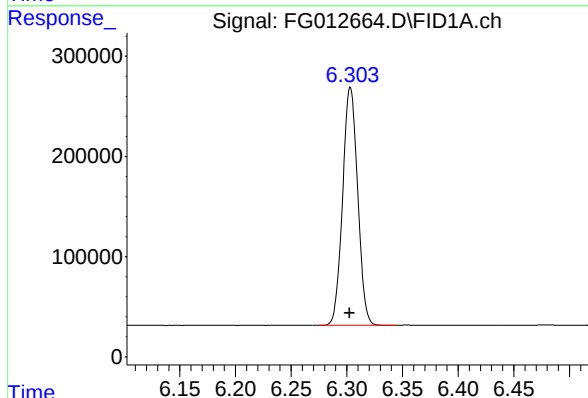
R.T.: 3.347 min
Delta R.T.: 0.002 min
Response: 2041258
Conc: 19.65 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



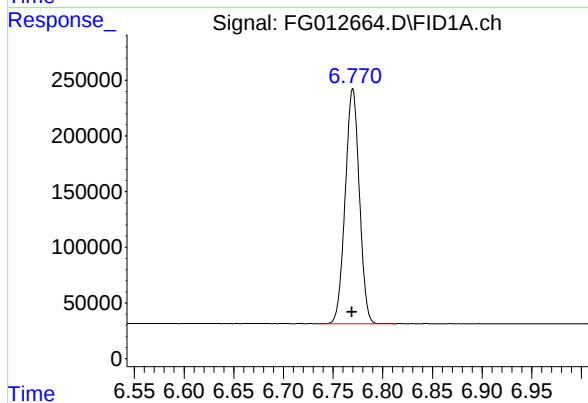
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: 0.001 min
Response: 2052646
Conc: 19.57 ug/ml



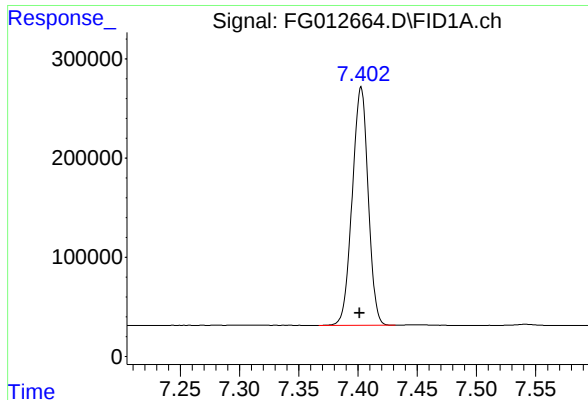
#3 A~Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 2235336
Conc: 19.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 2092312
Conc: 19.59 ug/ml



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

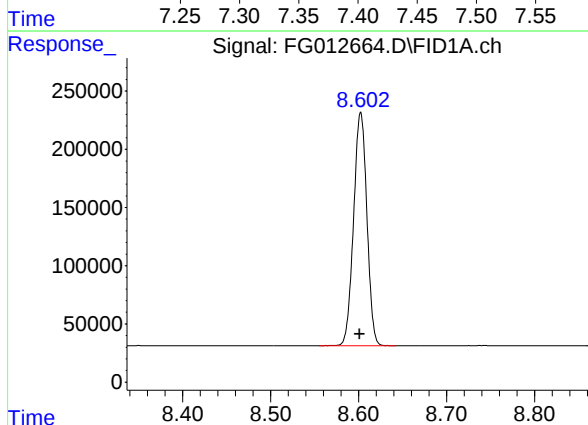
R.T.: 7.403 min
Delta R.T.: 0.001 min
Response: 2242926
Conc: 19.59 ug/ml

Instrument :

FID_G

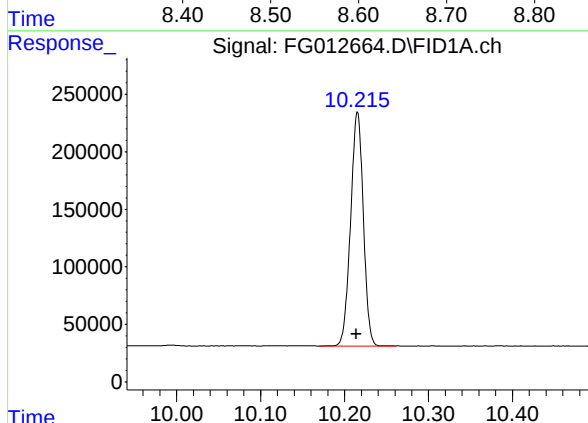
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



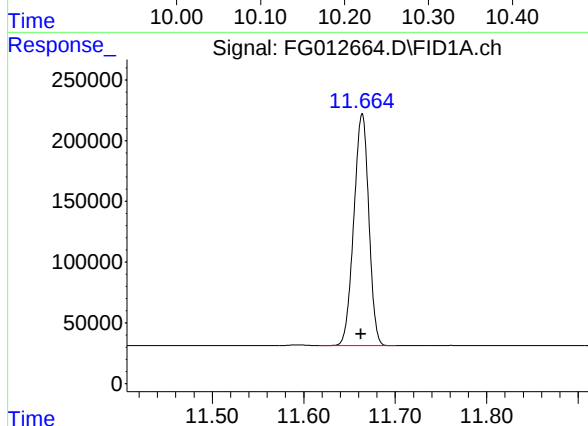
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: 0.001 min
Response: 2106524
Conc: 19.61 ug/ml



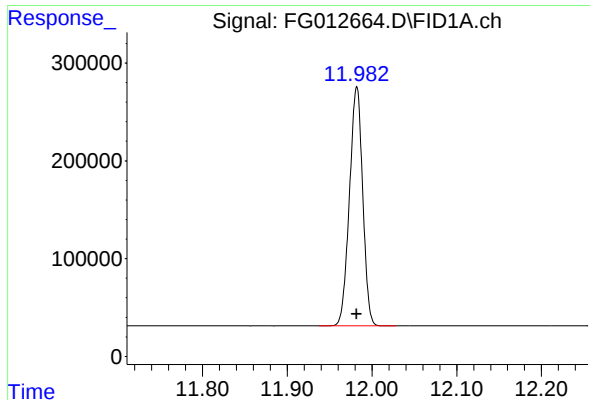
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.001 min
Response: 2141464
Conc: 19.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.664 min
Delta R.T.: 0.001 min
Response: 2174455
Conc: 19.71 ug/ml



#9 ortho-Terphenyl (SURR)

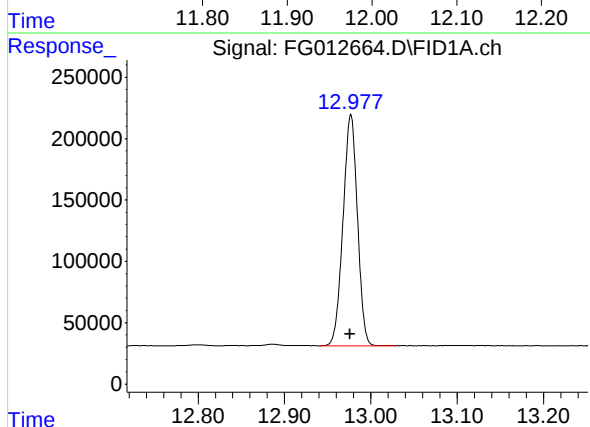
R.T.: 11.982 min
Delta R.T.: 0.000 min
Response: 2655337
Conc: 19.70 ug/ml

Instrument :

FID_G

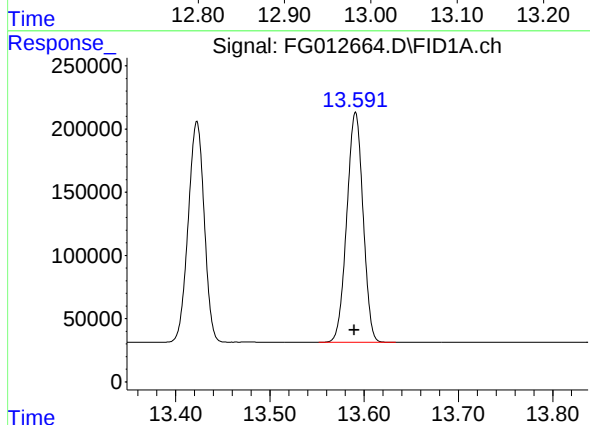
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



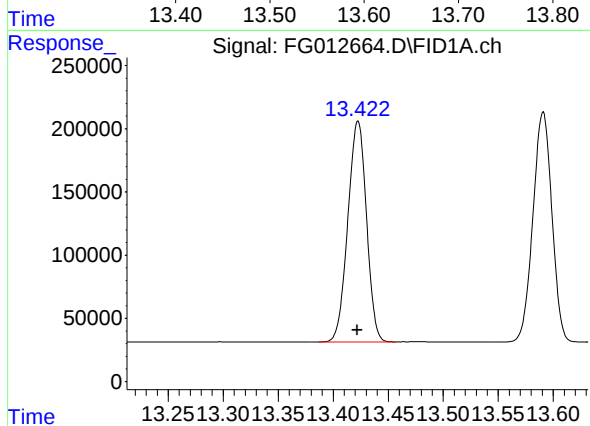
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.001 min
Response: 2180985
Conc: 19.77 ug/ml



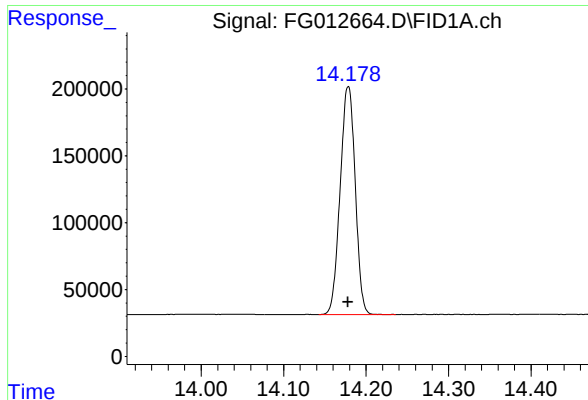
#11 n-Heneicosane (C21)

R.T.: 13.591 min
Delta R.T.: 0.001 min
Response: 2180131
Conc: 19.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.423 min
Delta R.T.: 0.000 min
Response: 2060962
Conc: 19.76 ug/ml



#13 n-Docosane (C22)

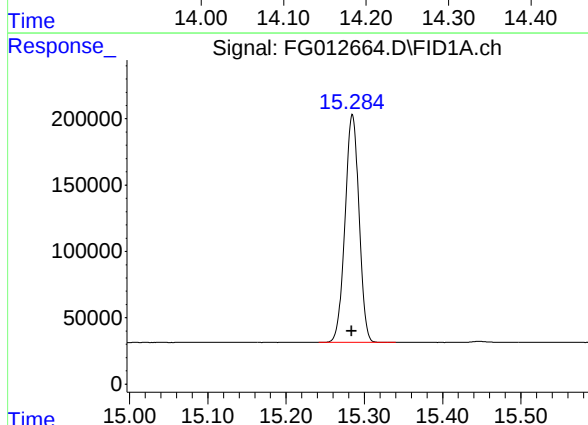
R.T.: 14.178 min
Delta R.T.: 0.000 min
Response: 2167209
Conc: 19.80 ug/ml

Instrument :

FID_G

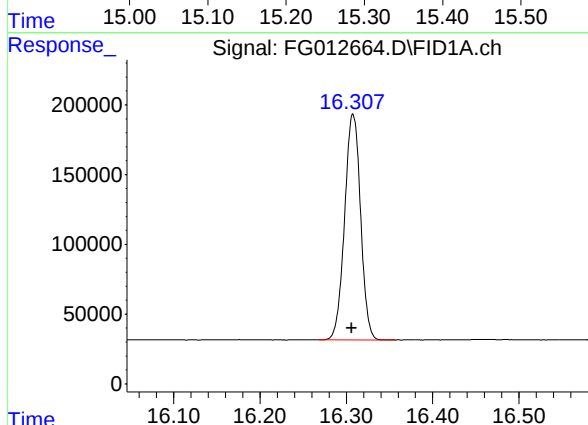
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



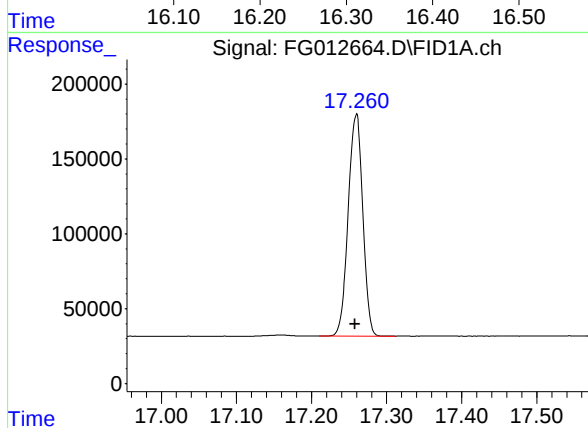
#14 n-Tetracosane (C24)

R.T.: 15.285 min
Delta R.T.: 0.001 min
Response: 2136161
Conc: 19.80 ug/ml



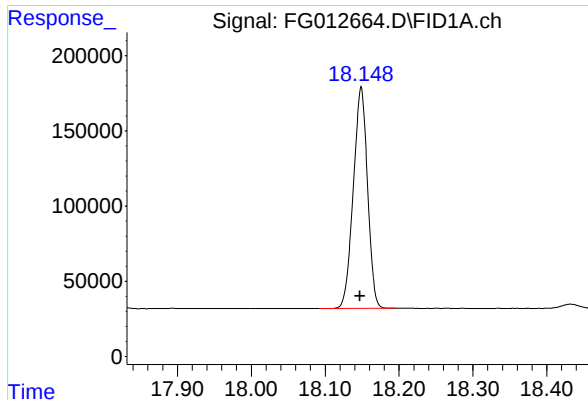
#15 n-Hexacosane (C26)

R.T.: 16.308 min
Delta R.T.: 0.001 min
Response: 2079217
Conc: 19.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.260 min
Delta R.T.: 0.002 min
Response: 2000515
Conc: 19.76 ug/ml



#17 n-Tricontane (C30)

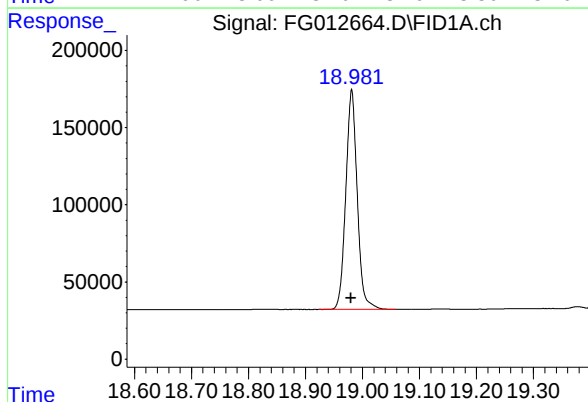
R.T.: 18.149 min
Delta R.T.: 0.002 min
Response: 1964156
Conc: 19.72 ug/ml

Instrument :

FID_G

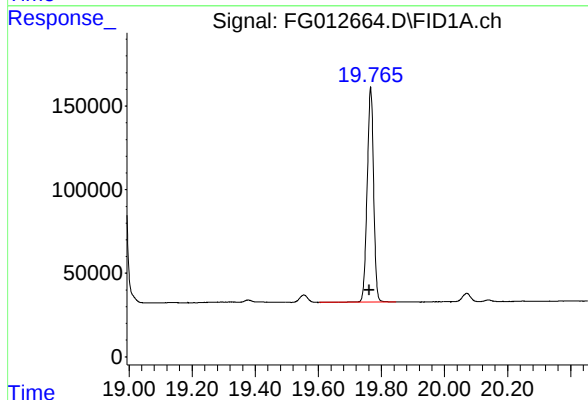
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



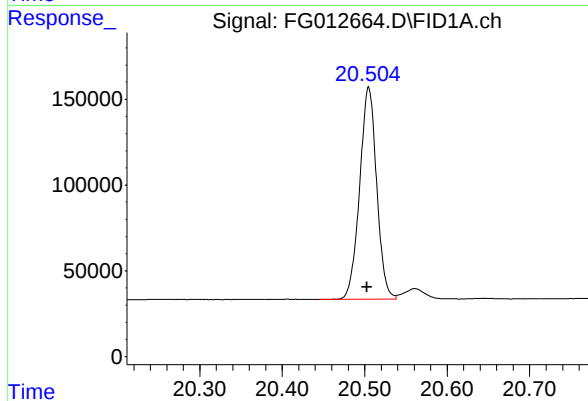
#18 n-Dotriacontane (C32)

R.T.: 18.981 min
Delta R.T.: 0.001 min
Response: 1990148
Conc: 20.14 ug/ml



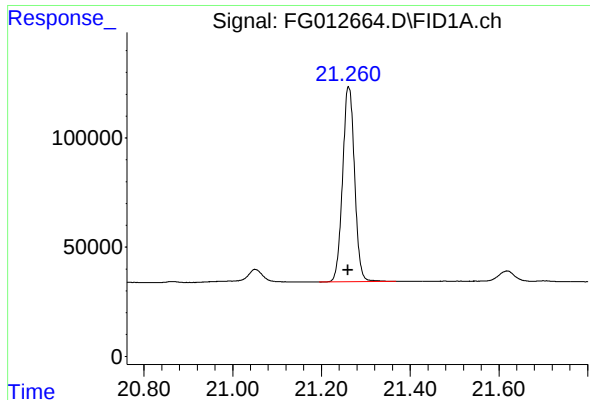
#19 n-Tetratriacontane (C34)

R.T.: 19.766 min
Delta R.T.: 0.004 min
Response: 1825642
Conc: 19.84 ug/ml



#20 n-Hexatriacontane (C36)

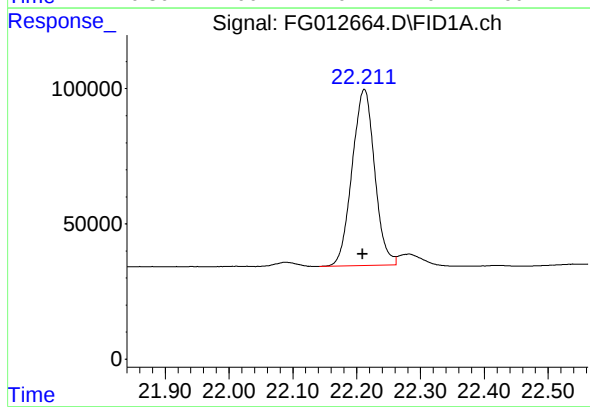
R.T.: 20.505 min
Delta R.T.: 0.002 min
Response: 1771327
Conc: 19.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.261 min
Delta R.T.: 0.001 min
Response: 1674729
Conc: 19.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.212 min
Delta R.T.: 0.003 min
Response: 1596172
Conc: 19.55 ug/ml