

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
 Data File : FC057708.D
 Signal(s) : FID1A.CH
 Acq On : 05 Jan 2022 11:46
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jan 05 12:11:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 11:32:01 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)	10.717	928102	4.752 ug/ml
Spiked Amount 50.000		Recovery =	9.50%
12) S 1-chlorooctadecane (S...	12.155	695348	4.652 ug/ml
Spiked Amount 50.000		Recovery =	9.30%
Target Compounds			
1) T n-Nonane (C9)	2.649	764398	4.728 ug/ml
2) T n-Decane (C10)	3.639	772797	4.762 ug/ml
3) T A~Naphthalene (C11.7)	5.177	868796	4.734 ug/ml
4) T n-Dodecane (C12)	5.609	776137	4.768 ug/ml
5) T A~2-methylnaphthalene...	6.216	867384	4.683 ug/ml
6) T n-Tetradecane (C14)	7.388	788576	4.724 ug/ml
7) T n-Hexadecane (C16)	8.979	799845	4.738 ug/ml
8) T n-Octadecane (C18)	10.412	825514	4.749 ug/ml
10) T n-Eicosane (C20)	11.716	821885	4.754 ug/ml
11) T n-Heneicosane (C21)	12.324	827478	4.734 ug/ml
13) T n-Docosane (C22)	12.908	847250	4.872 ug/ml
14) T n-Tetracosane (C24)	14.006	856043	4.932 ug/ml
15) T n-Hexacosane (C26)	15.023	841251	4.999 ug/ml
16) T n-Octacosane (C28)	15.969	812828	4.959 ug/ml
17) T n-Tricontane (C30)	16.854	785354	5.038 ug/ml
18) T n-Dotriacontane (C32)	17.684	700139	5.027 ug/ml
19) T n-Tetratriacontane (C34)	18.464	617898	4.964 ug/ml
20) T n-Hexatriacontane (C36)	19.202	540197	4.825 ug/ml
21) T n-Octatriacontane (C38)	19.908	497706	4.717 ug/ml
22) T n-Tetracontane (C40)	20.737	406614	4.092 ug/ml

(f)=RT Delta > 1/2 Window

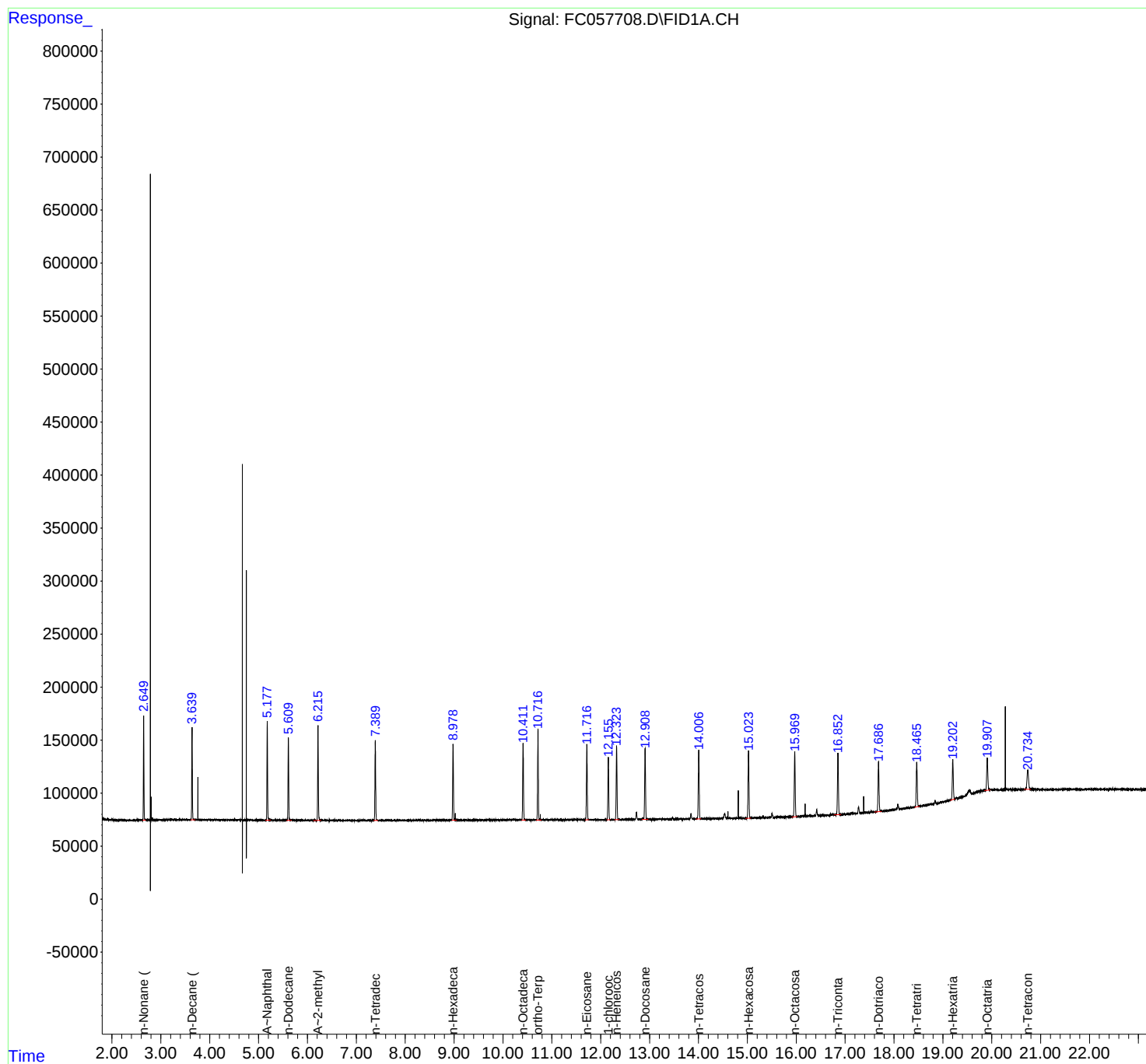
(m)=manual int.

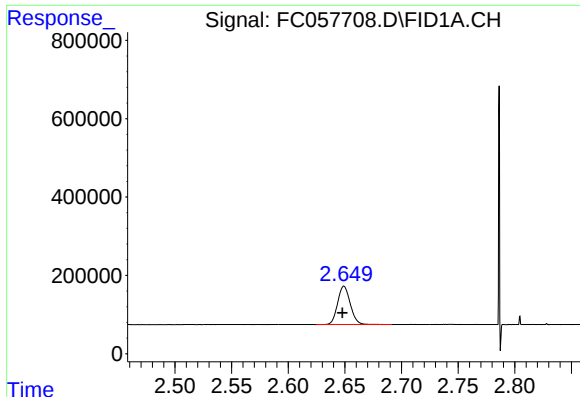
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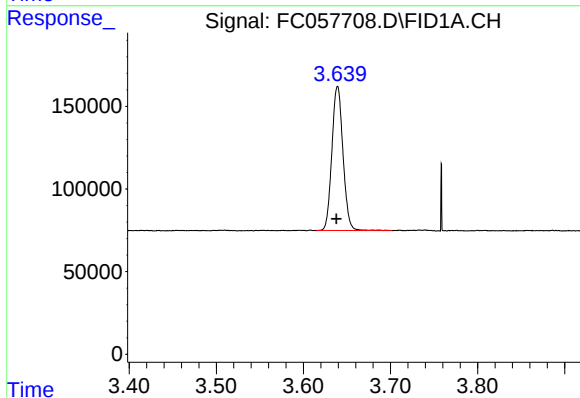




#1 n-Nonane (C9)

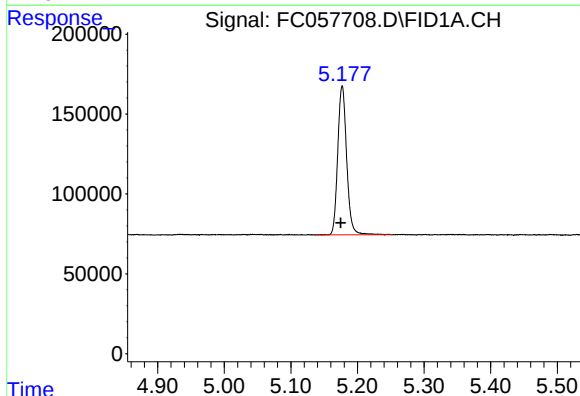
R.T.: 2.649 min
Delta R.T.: 0.001 min
Response: 764398
Conc: 4.73 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



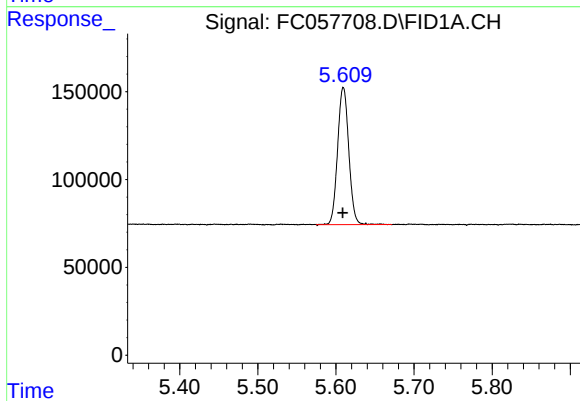
#2 n-Decane (C10)

R.T.: 3.639 min
Delta R.T.: 0.001 min
Response: 772797
Conc: 4.76 ug/ml



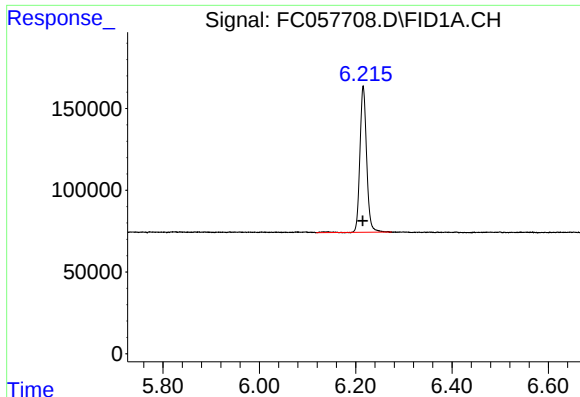
#3 A~Naphthalene (C11.7)

R.T.: 5.177 min
Delta R.T.: 0.003 min
Response: 868796
Conc: 4.73 ug/ml



#4 n-Dodecane (C12)

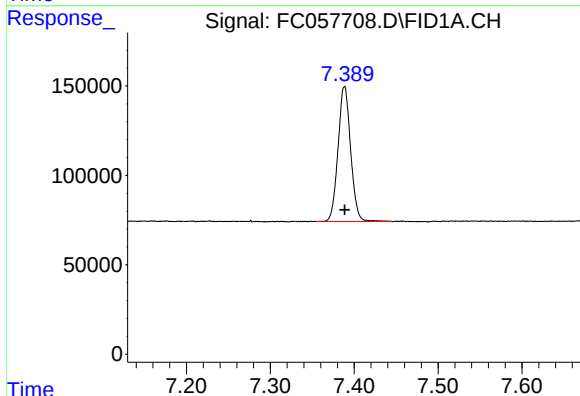
R.T.: 5.609 min
Delta R.T.: 0.000 min
Response: 776137
Conc: 4.77 ug/ml



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

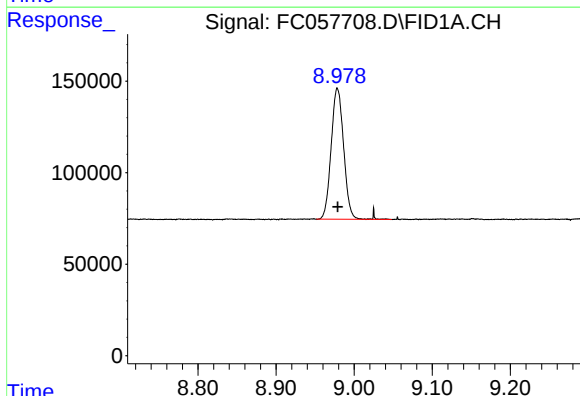
R.T.: 6.216 min
Delta R.T.: 0.001 min
Response: 867384
Conc: 4.68 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



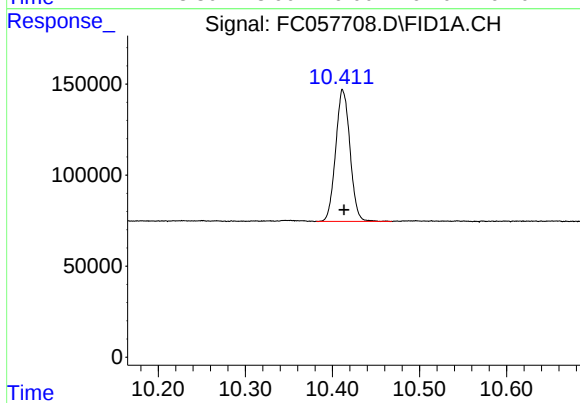
#6 n-Tetradecane (C14)

R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 788576
Conc: 4.72 ug/ml



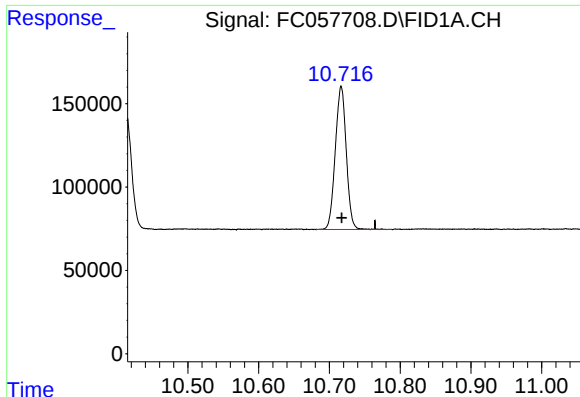
#7 n-Hexadecane (C16)

R.T.: 8.979 min
Delta R.T.: 0.000 min
Response: 799845
Conc: 4.74 ug/ml



#8 n-Octadecane (C18)

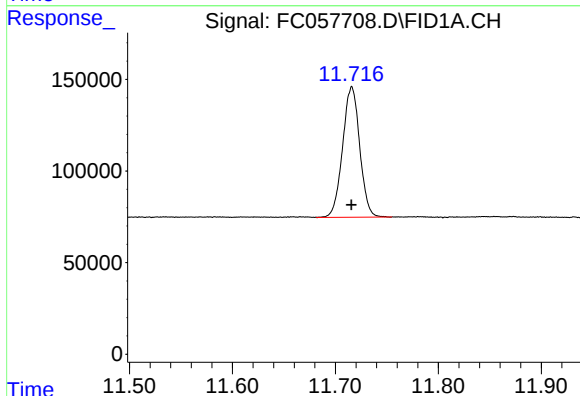
R.T.: 10.412 min
Delta R.T.: -0.001 min
Response: 825514
Conc: 4.75 ug/ml



#9 ortho-Terphenyl (SURR)

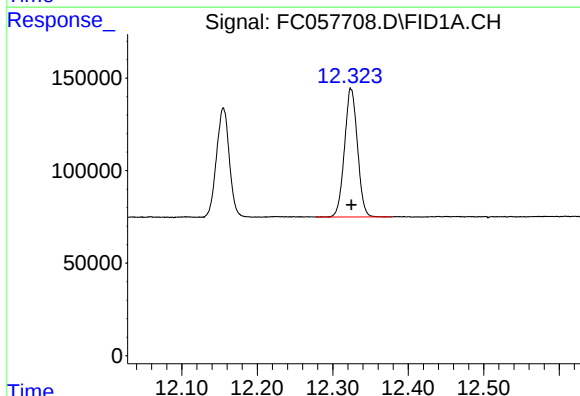
R.T.: 10.717 min
Delta R.T.: 0.000 min
Response: 928102
Conc: 4.75 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



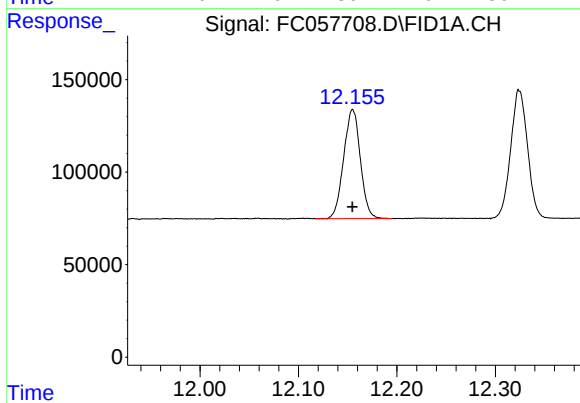
#10 n-Eicosane (C20)

R.T.: 11.716 min
Delta R.T.: 0.000 min
Response: 821885
Conc: 4.75 ug/ml



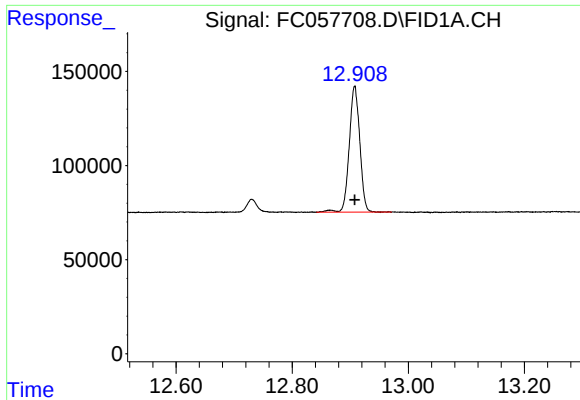
#11 n-Heneicosane (C21)

R.T.: 12.324 min
Delta R.T.: 0.000 min
Response: 827478
Conc: 4.73 ug/ml



#12 1-chlorooctadecane (SURR)

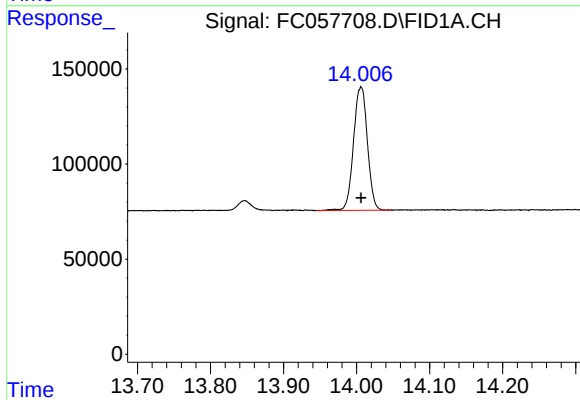
R.T.: 12.155 min
Delta R.T.: 0.000 min
Response: 695348
Conc: 4.65 ug/ml



#13 n-Docosane (C22)

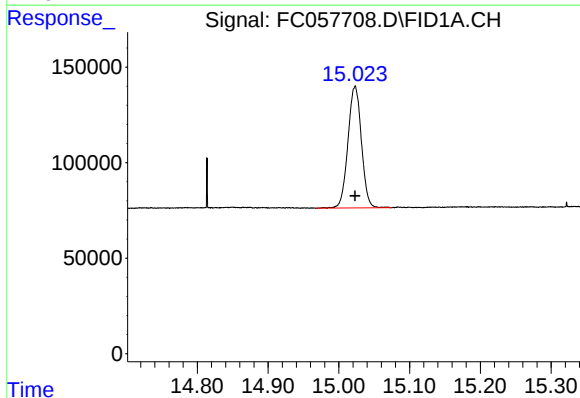
R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 847250
Conc: 4.87 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



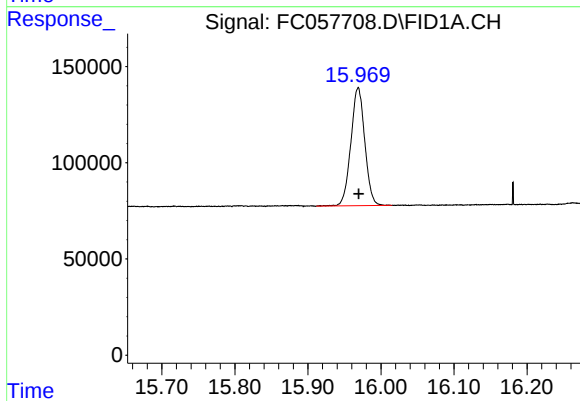
#14 n-Tetracosane (C24)

R.T.: 14.006 min
Delta R.T.: 0.000 min
Response: 856043
Conc: 4.93 ug/ml



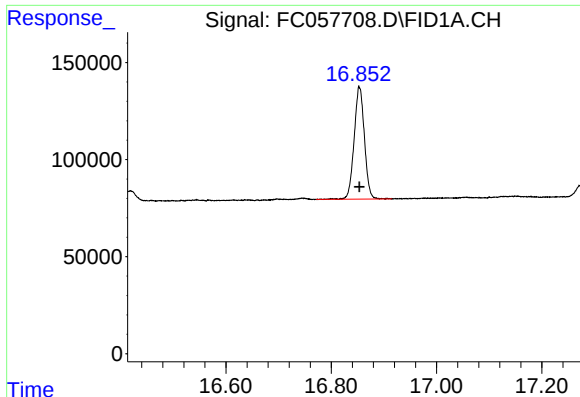
#15 n-Hexacosane (C26)

R.T.: 15.023 min
Delta R.T.: 0.000 min
Response: 841251
Conc: 5.00 ug/ml



#16 n-Octacosane (C28)

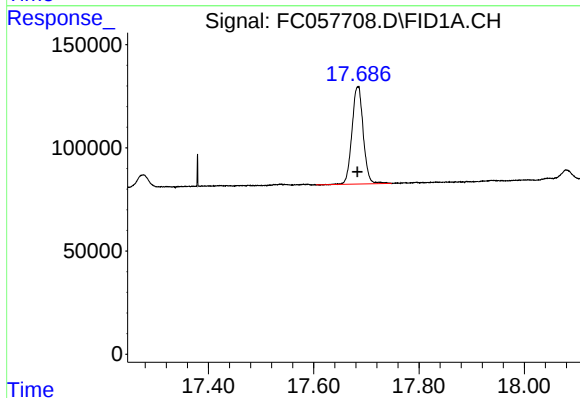
R.T.: 15.969 min
Delta R.T.: 0.000 min
Response: 812828
Conc: 4.96 ug/ml



#17 n-Tricontane (C30)

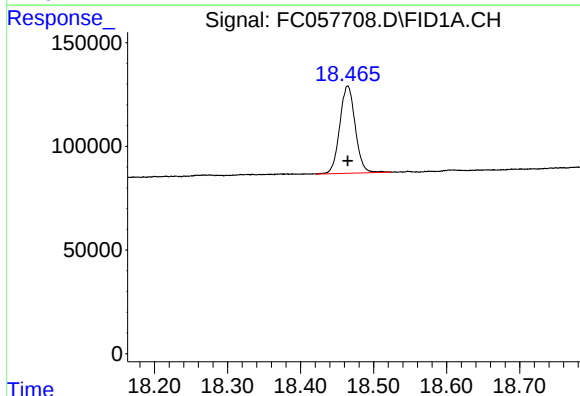
R.T.: 16.854 min
Delta R.T.: 0.000 min
Response: 785354
Conc: 5.04 ug/ml

Instrument :
FID_C
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5 PPM ALIPHATIC HC STD5



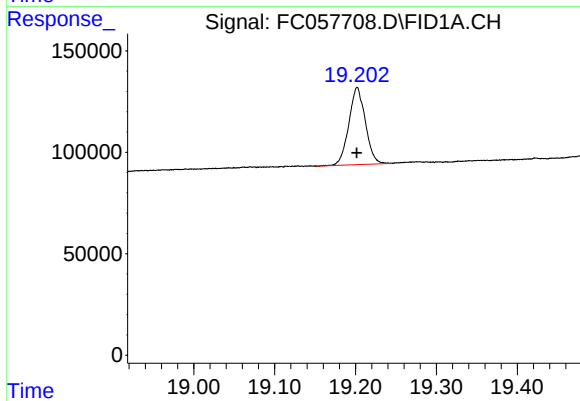
#18 n-Dotriacontane (C32)

R.T.: 17.684 min
Delta R.T.: 0.000 min
Response: 700139
Conc: 5.03 ug/ml



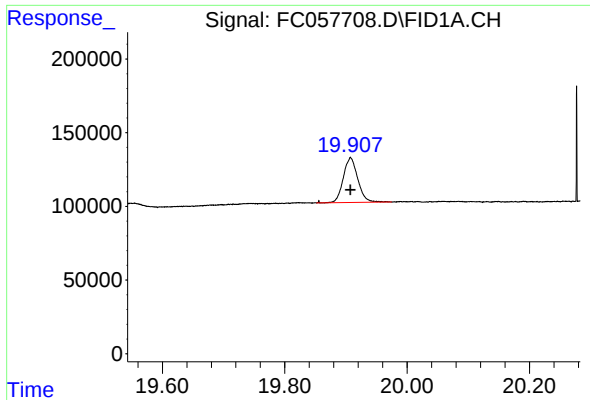
#19 n-Tetratriacontane (C34)

R.T.: 18.464 min
Delta R.T.: 0.000 min
Response: 617898
Conc: 4.96 ug/ml



#20 n-Hexatriacontane (C36)

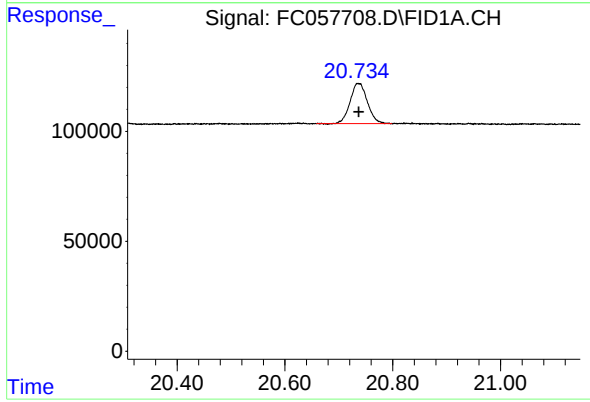
R.T.: 19.202 min
Delta R.T.: 0.000 min
Response: 540197
Conc: 4.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.908 min
Delta R.T.: 0.000 min
Response: 497706
Conc: 4.72 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 20.737 min
Delta R.T.: 0.000 min
Response: 406614
Conc: 4.09 ug/ml