

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040225AL\
 Data File : FC068487.D
 Signal(s) : FID1A.ch
 Acq On : 02 Apr 2025 15:55
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Apr 02 18:40:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 02 18:36:21 2025
 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)	11.724	11880180	95.656 ug/ml
Spiked Amount 50.000		Recovery =	191.31%
12) S 1-chlorooctadecane (S...	13.319	9868760	95.935 ug/ml
Spiked Amount 50.000		Recovery =	191.87%
Target Compounds			
1) T n-Nonane (C9)	3.452	10365720	96.196 ug/ml
2) T n-Decane (C10)	4.529	10521483	96.105 ug/ml
3) T A~Naphthalene (C11.7)	6.127	11665756	96.161 ug/ml
4) T n-Dodecane (C12)	6.555	10486955	96.034 ug/ml
5) T A~2-methylnaphthalene...	7.186	11170905	96.220 ug/ml
6) T n-Tetradecane (C14)	8.351	10270310	95.833 ug/ml
7) T n-Hexadecane (C16)	9.954	10571379	96.046 ug/ml
8) T n-Octadecane (C18)	11.398	10427644	95.368 ug/ml
10) T n-Eicosane (C20)	12.707	10010883	95.620 ug/ml
11) T n-Heneicosane (C21)	13.152	8643827	96.750 ug/ml
13) T n-Docosane (C22)	13.905	9857768	96.157 ug/ml
14) T n-Tetracosane (C24)	15.008	9949523	96.654 ug/ml
15) T n-Hexacosane (C26)	16.029	9895654	97.633 ug/ml
16) T n-Octacosane (C28)	16.978	9762020	98.466 ug/ml
17) T n-Tricontane (C30)	17.867	9828298	98.386 ug/ml
18) T n-Dotriacontane (C32)	18.699	9379832	98.492 ug/ml
19) T n-Tetratriacontane (C34)	19.482	8564585	99.243 ug/ml
20) T n-Hexatriacontane (C36)	20.220	7527188	100.403 ug/ml
21) T n-Octatriacontane (C38)	20.994	6779473	103.145 ug/ml
22) T n-Tetracontane (C40)	21.972	6015830	112.470 ug/ml

(f)=RT Delta > 1/2 Window

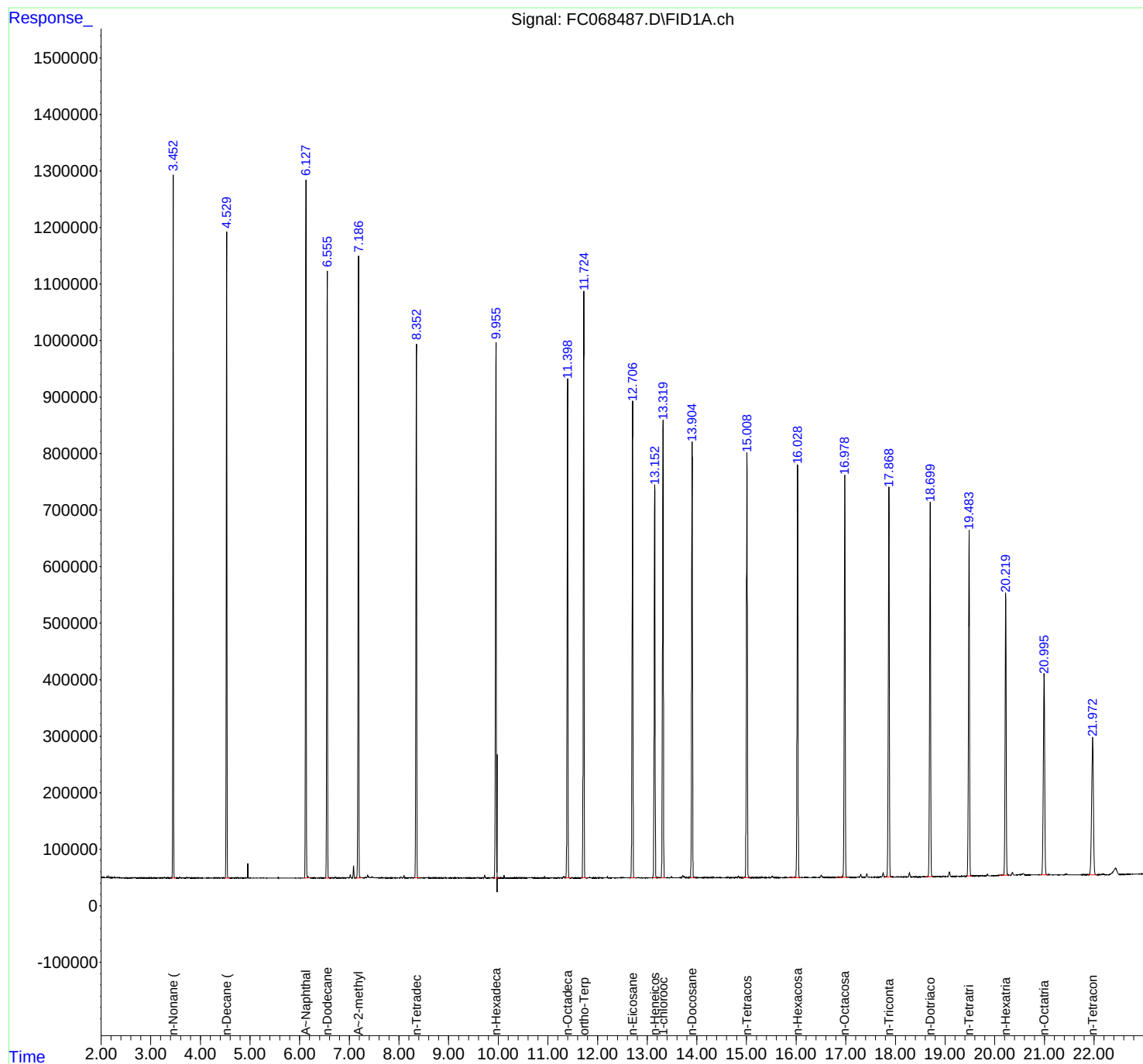
(m)=manual int.

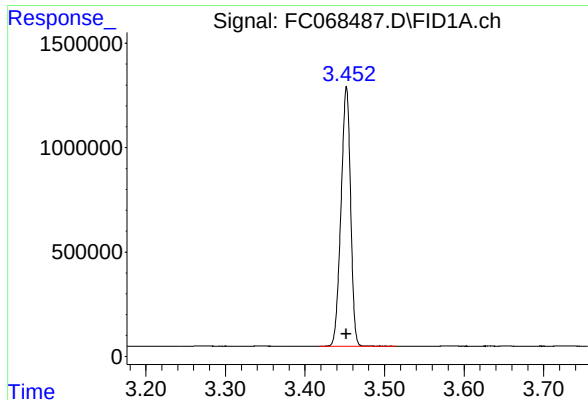
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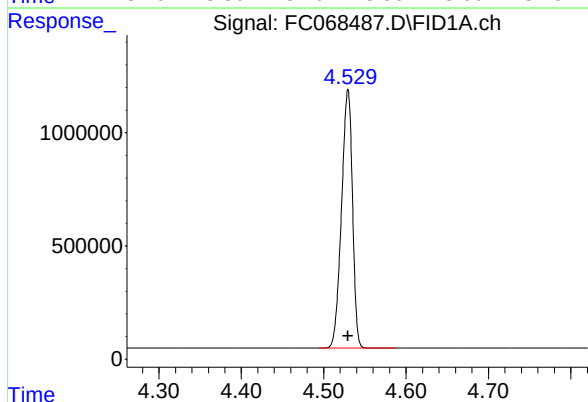




#1 n-Nonane (C9)

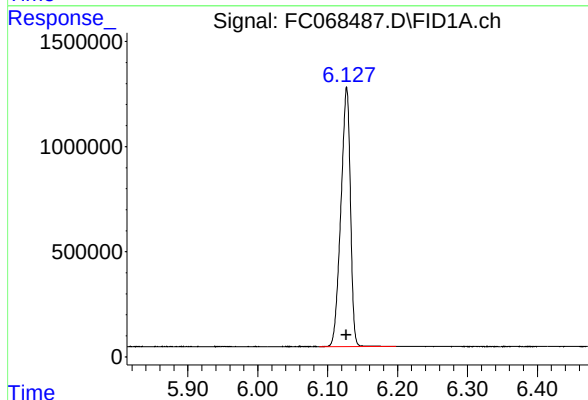
R.T.: 3.452 min
Delta R.T.: 0.000 min
Response: 10365720
Conc: 96.20 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



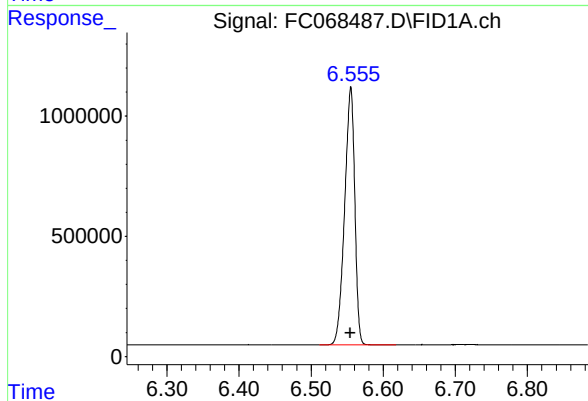
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 10521483
Conc: 96.10 ug/ml



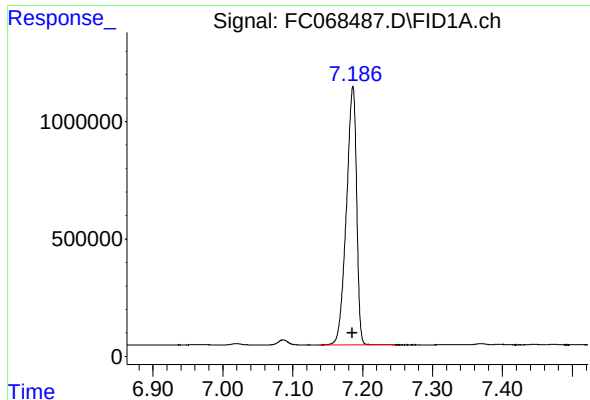
#3 A~Naphthalene (C11.7)

R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 11665756
Conc: 96.16 ug/ml



#4 n-Dodecane (C12)

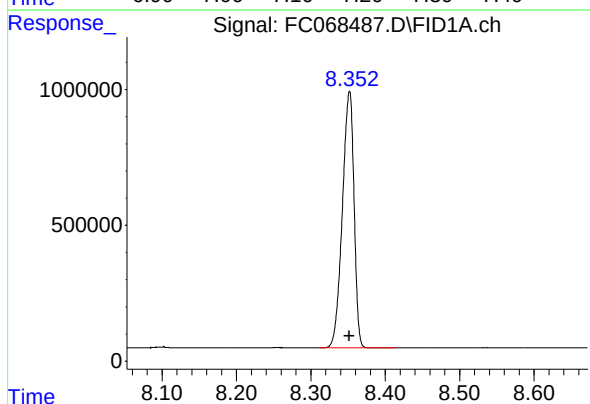
R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 10486955
Conc: 96.03 ug/ml



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

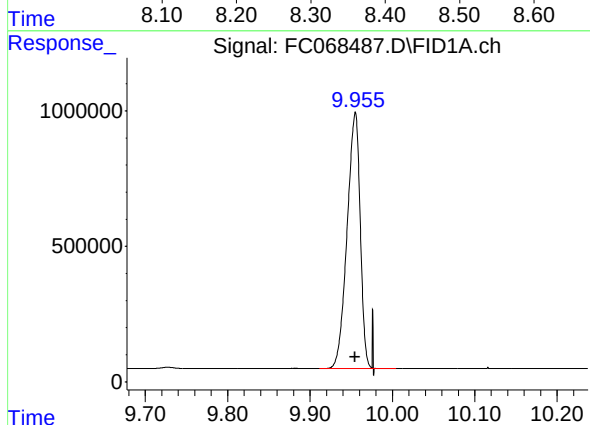
R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 11170905
Conc: 96.22 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



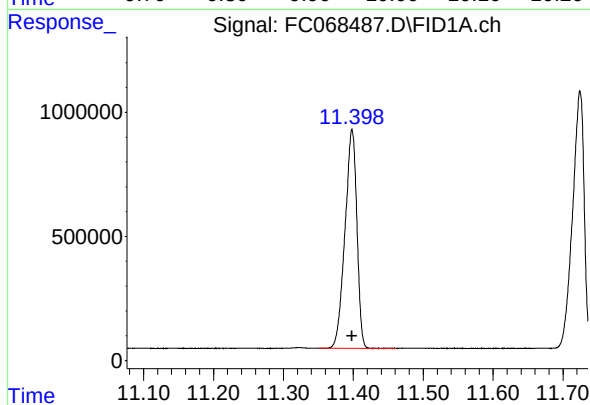
#6 n-Tetradecane (C14)

R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 10270310
Conc: 95.83 ug/ml



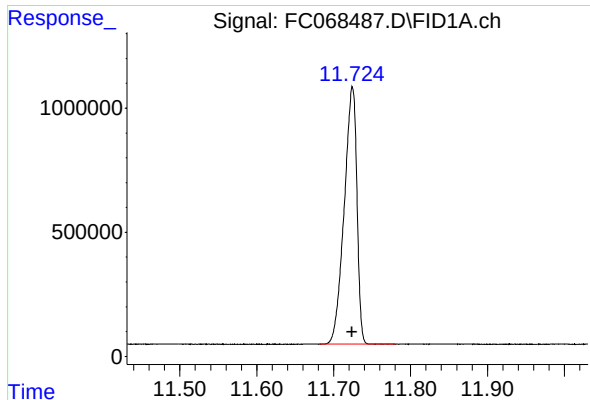
#7 n-Hexadecane (C16)

R.T.: 9.954 min
Delta R.T.: 0.000 min
Response: 10571379
Conc: 96.05 ug/ml



#8 n-Octadecane (C18)

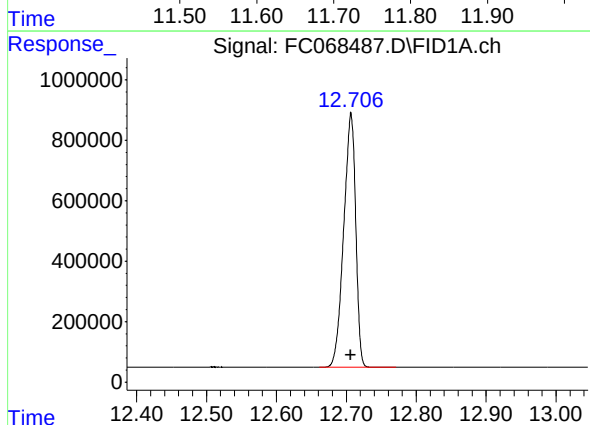
R.T.: 11.398 min
Delta R.T.: 0.000 min
Response: 10427644
Conc: 95.37 ug/ml



#9 ortho-Terphenyl (SURR)

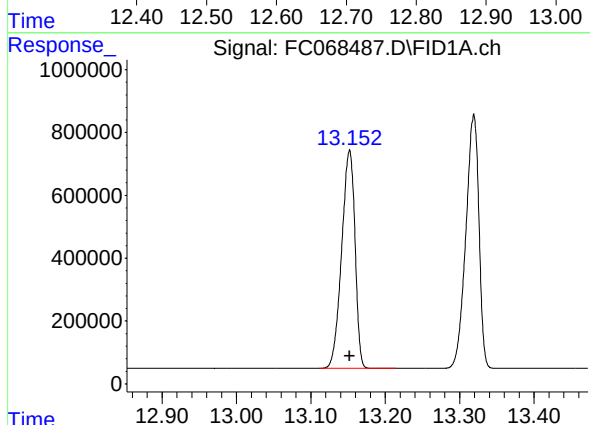
R.T.: 11.724 min
Delta R.T.: 0.000 min
Response: 11880180
Conc: 95.66 ug/ml

Instrument :
FID_C
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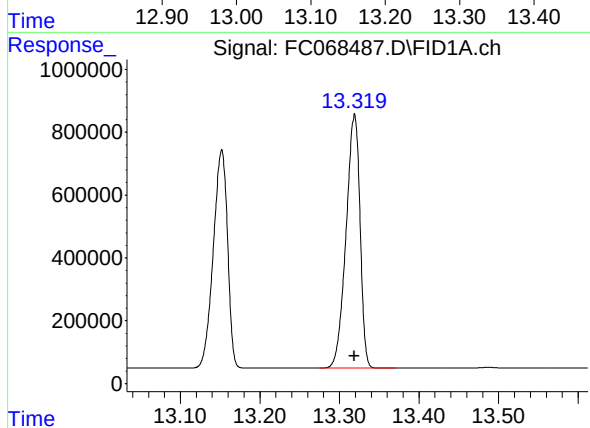
#10 n-Eicosane (C20)

R.T.: 12.707 min
Delta R.T.: 0.000 min
Response: 10010883
Conc: 95.62 ug/ml



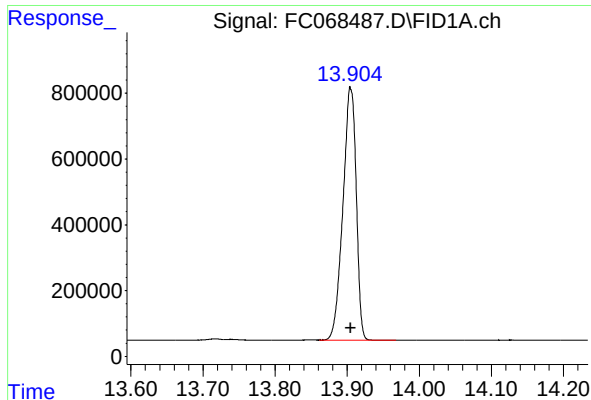
#11 n-Heneicosane (C21)

R.T.: 13.152 min
Delta R.T.: 0.000 min
Response: 8643827
Conc: 96.75 ug/ml



#12 1-chlorooctadecane (SURR)

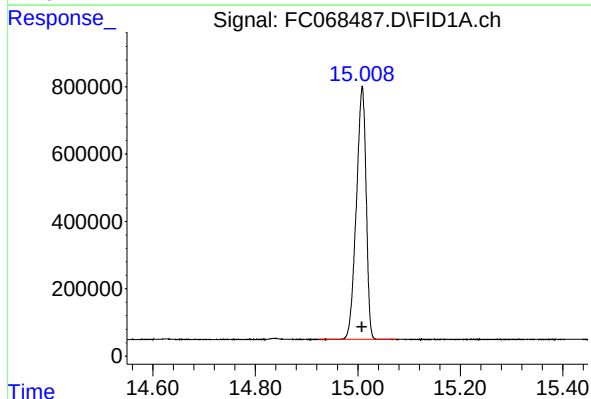
R.T.: 13.319 min
Delta R.T.: 0.000 min
Response: 9868760
Conc: 95.94 ug/ml



#13 n-Docosane (C22)

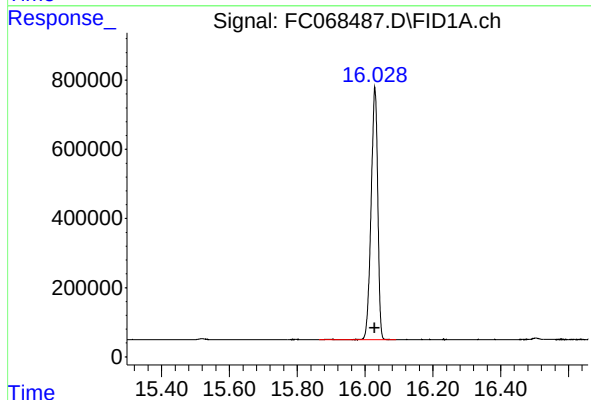
R.T.: 13.905 min
Delta R.T.: 0.000 min
Response: 9857768
Conc: 96.16 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



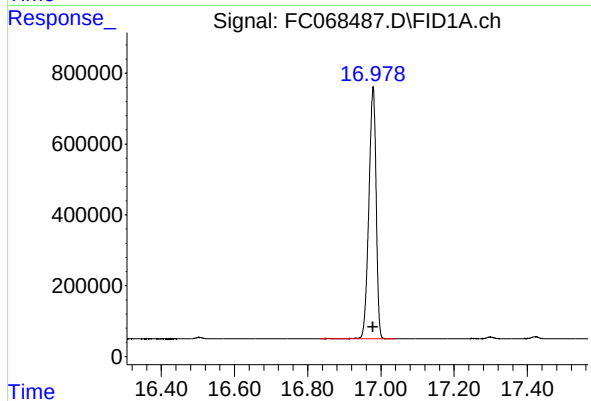
#14 n-Tetracosane (C24)

R.T.: 15.008 min
Delta R.T.: 0.000 min
Response: 9949523
Conc: 96.65 ug/ml



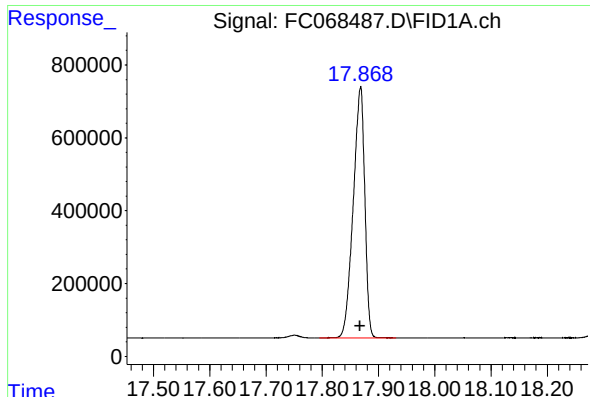
#15 n-Hexacosane (C26)

R.T.: 16.029 min
Delta R.T.: 0.000 min
Response: 9895654
Conc: 97.63 ug/ml



#16 n-Octacosane (C28)

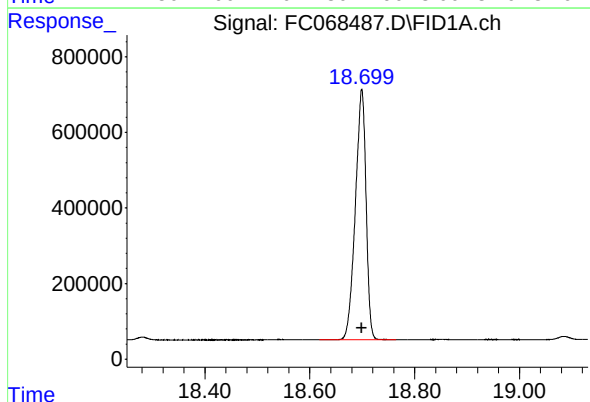
R.T.: 16.978 min
Delta R.T.: 0.000 min
Response: 9762020
Conc: 98.47 ug/ml



#17 n-Tricontane (C30)

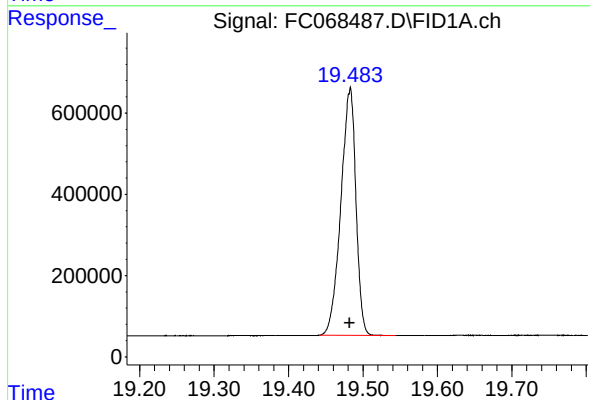
R.T.: 17.867 min
Delta R.T.: 0.000 min
Response: 9828298
Conc: 98.39 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



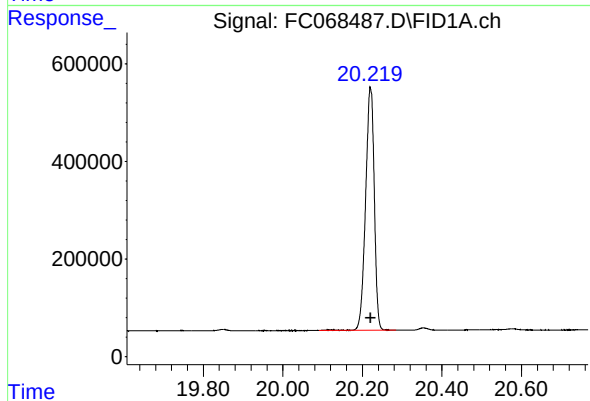
#18 n-Dotriacontane (C32)

R.T.: 18.699 min
Delta R.T.: 0.000 min
Response: 9379832
Conc: 98.49 ug/ml



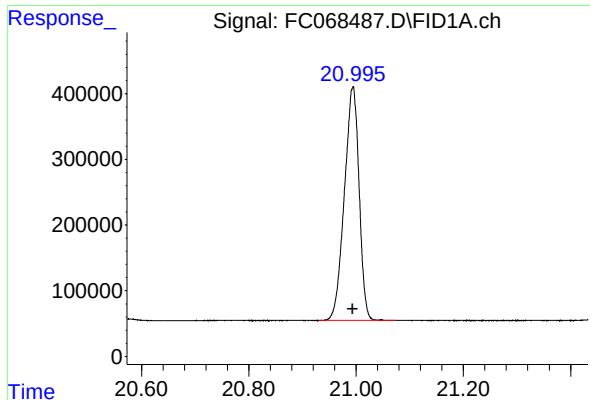
#19 n-Tetratriacontane (C34)

R.T.: 19.482 min
Delta R.T.: 0.000 min
Response: 8564585
Conc: 99.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.220 min
Delta R.T.: 0.000 min
Response: 7527188
Conc: 100.40 ug/ml



#21 n-Octatriacontane (C38)

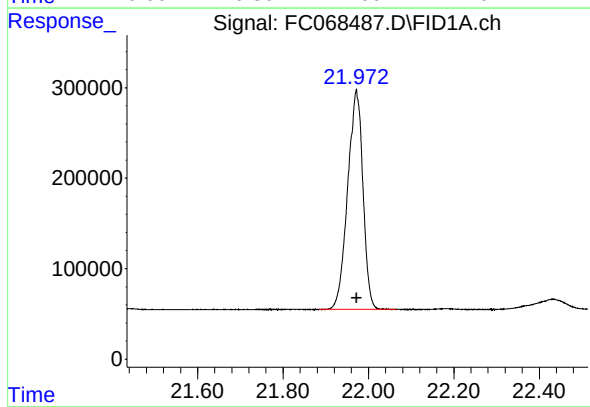
R.T.: 20.994 min
Delta R.T.: 0.000 min
Response: 6779473
Conc: 103.14 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: 0.000 min
Response: 6015830
Conc: 112.47 ug/ml