

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121024AL\
 Data File : FC067966.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 07:51
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 10 08:28:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 2024
 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)	11.470	3272172	18.924 ug/ml
Spiked Amount 50.000		Recovery =	37.85%
12) S 1-chlorooctadecane (S...	12.910	2422368	18.985 ug/ml
Spiked Amount 50.000		Recovery =	37.97%
Target Compounds			
1) T n-Nonane (C9)	3.251	2939755	18.921 ug/ml
2) T n-Decane (C10)	4.314	3002452	18.940 ug/ml
3) T A~Naphthalene (C11.7)	5.889	3305883	18.936 ug/ml
4) T n-Dodecane (C12)	6.329	3047202	18.925 ug/ml
5) T A~2-methylnaphthalene...	6.944	3200059	19.099 ug/ml
6) T n-Tetradecane (C14)	8.121	3014050	18.957 ug/ml
7) T n-Hexadecane (C16)	9.720	3071861	19.015 ug/ml
8) T n-Octadecane (C18)	11.160	3056414	19.038 ug/ml
10) T n-Eicosane (C20)	12.467	2858175	19.000 ug/ml
11) T n-Heneicosane (C21)	13.078	2768356	18.946 ug/ml
13) T n-Docosane (C22)	13.664	2714314	18.962 ug/ml
14) T n-Tetracosane (C24)	14.765	2625090	18.893 ug/ml
15) T n-Hexacosane (C26)	15.784	2526631	18.893 ug/ml
16) T n-Octacosane (C28)	16.732	2447157	18.866 ug/ml
17) T n-Tricontane (C30)	17.619	2446667	18.887 ug/ml
18) T n-Dotriacontane (C32)	18.449	2342650	18.910 ug/ml
19) T n-Tetratriacontane (C34)	19.231	2066031	18.929 ug/ml
20) T n-Hexatriacontane (C36)	19.971	1796559	18.989 ug/ml
21) T n-Octatriacontane (C38)	20.690	1708885	18.891 ug/ml
22) T n-Tetracontane (C40)	21.567	1658551	18.817 ug/ml

(f)=RT Delta > 1/2 Window

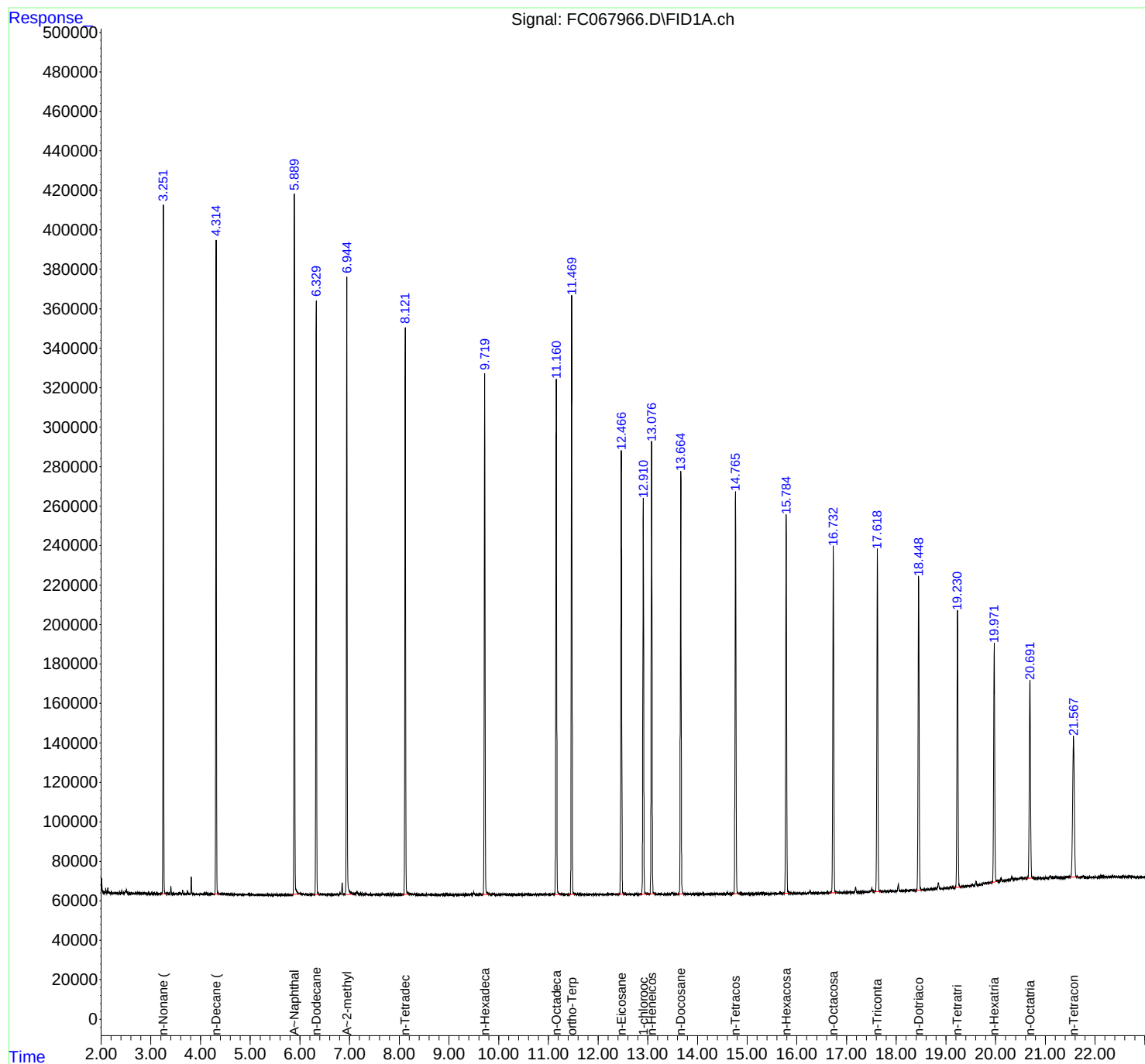
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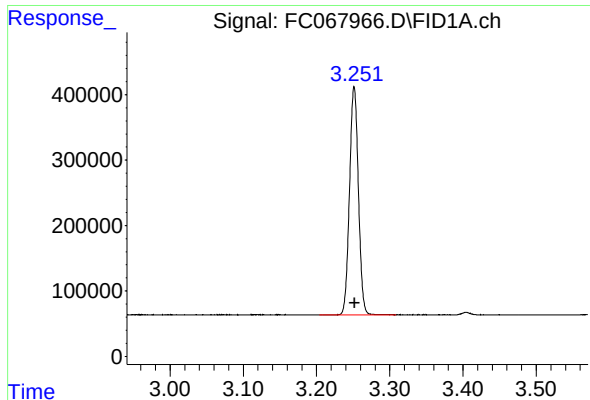
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#1 n-Nonane (C9)

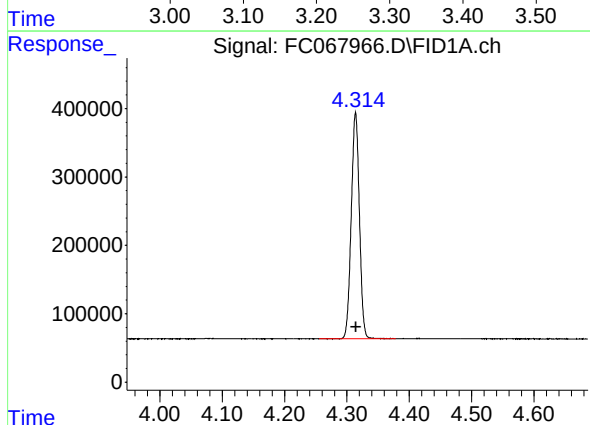
R.T.: 3.251 min
Delta R.T.: 0.000 min
Response: 2939755
Conc: 18.92 ug/ml

Instrument :

FID_C

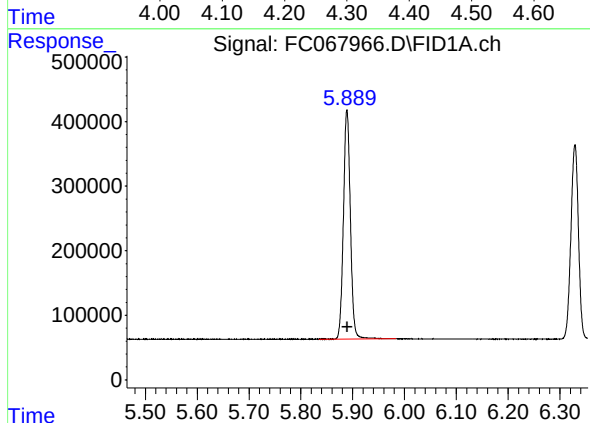
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



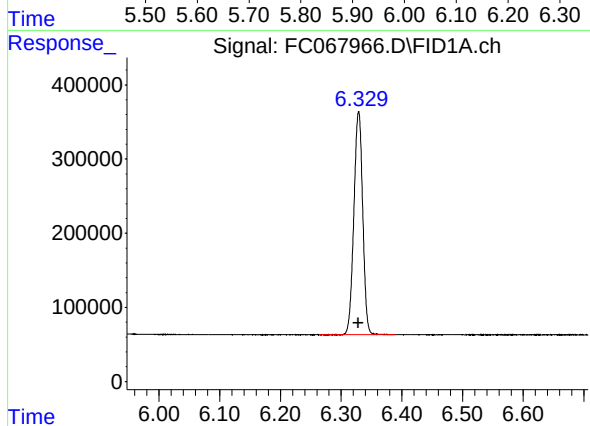
#2 n-Decane (C10)

R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 3002452
Conc: 18.94 ug/ml



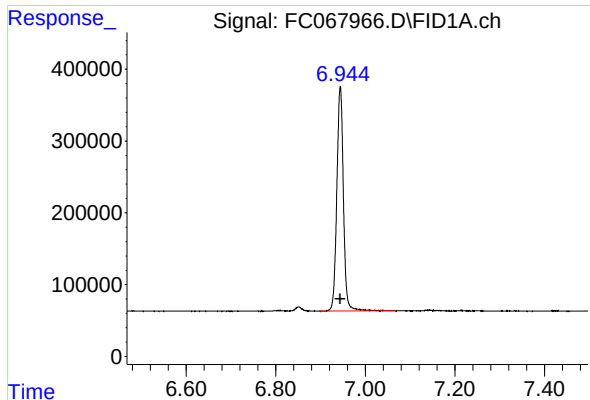
#3 A~Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 3305883
Conc: 18.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 3047202
Conc: 18.93 ug/ml



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

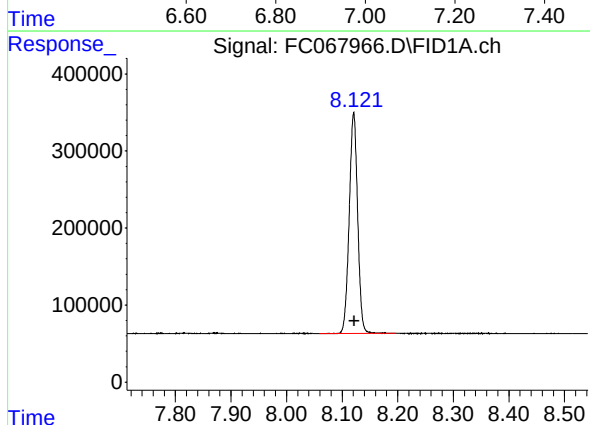
R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 3200059
Conc: 19.10 ug/ml

Instrument :

FID_C

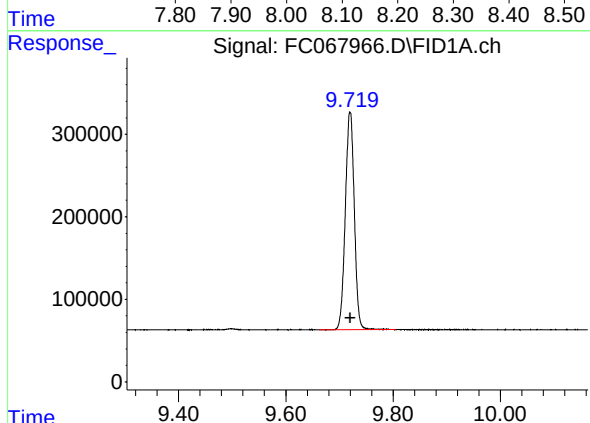
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



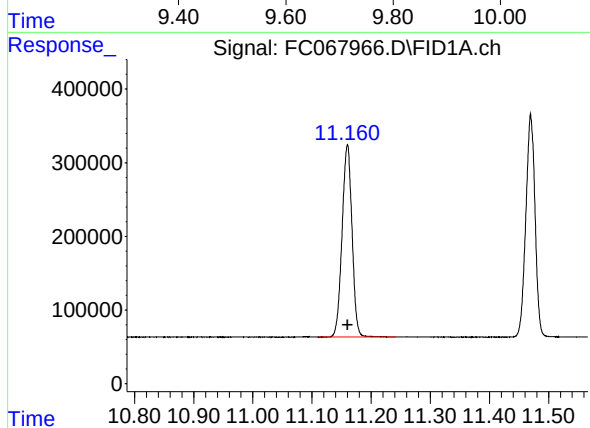
#6 n-Tetradecane (C14)

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 3014050
Conc: 18.96 ug/ml



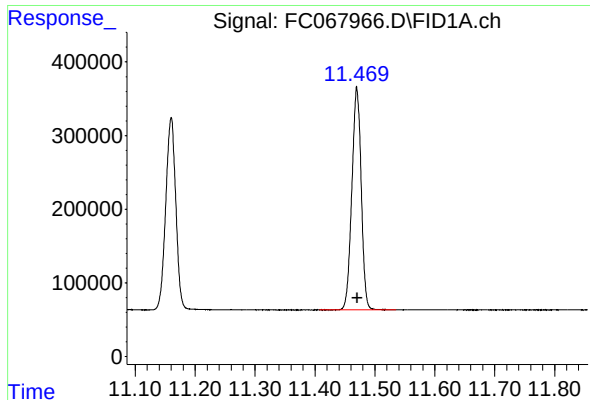
#7 n-Hexadecane (C16)

R.T.: 9.720 min
Delta R.T.: 0.000 min
Response: 3071861
Conc: 19.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.160 min
Delta R.T.: 0.000 min
Response: 3056414
Conc: 19.04 ug/ml



#9 ortho-Terphenyl (SURR)

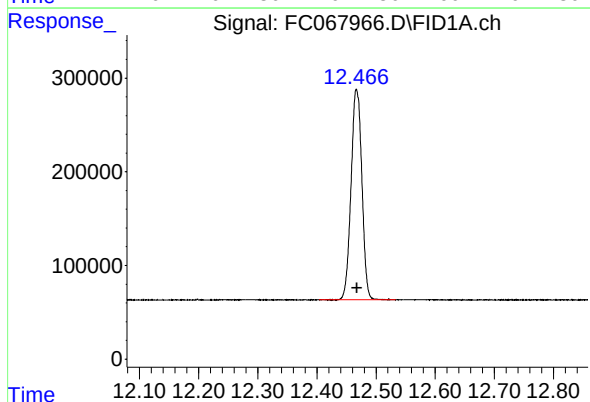
R.T.: 11.470 min
Delta R.T.: 0.000 min
Response: 3272172
Conc: 18.92 ug/ml

Instrument :

FID_C

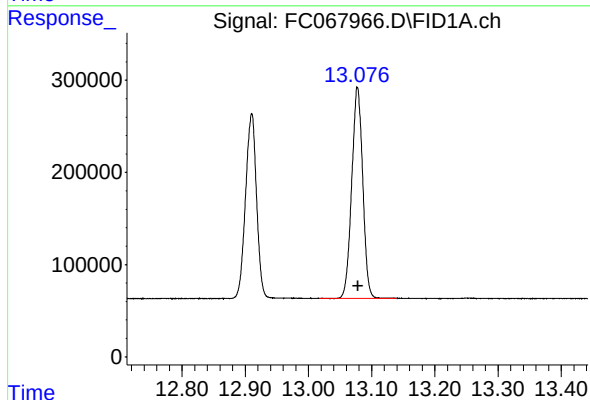
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



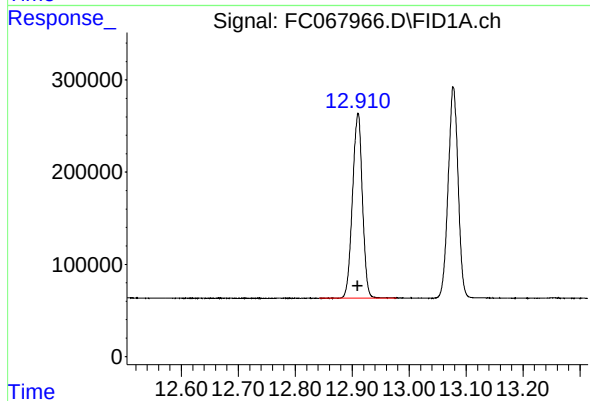
#10 n-Eicosane (C20)

R.T.: 12.467 min
Delta R.T.: 0.000 min
Response: 2858175
Conc: 19.00 ug/ml



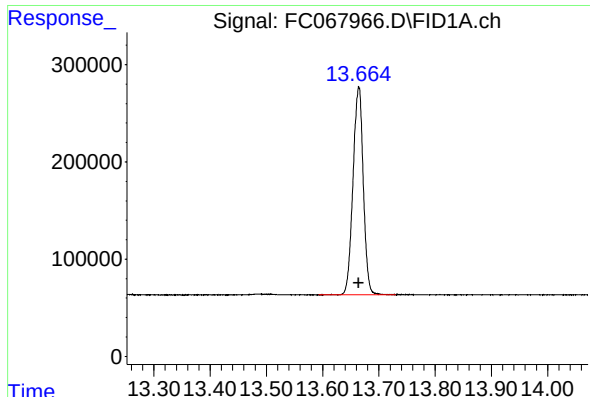
#11 n-Heneicosane (C21)

R.T.: 13.078 min
Delta R.T.: 0.000 min
Response: 2768356
Conc: 18.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.910 min
Delta R.T.: 0.000 min
Response: 2422368
Conc: 18.98 ug/ml



#13 n-Docosane (C22)

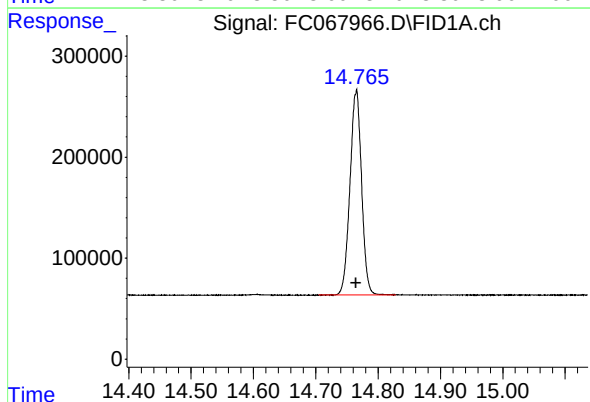
R.T.: 13.664 min
Delta R.T.: 0.000 min
Response: 2714314
Conc: 18.96 ug/ml

Instrument :

FID_C

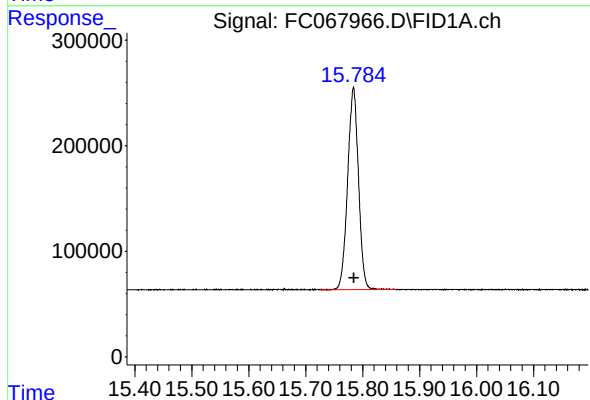
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



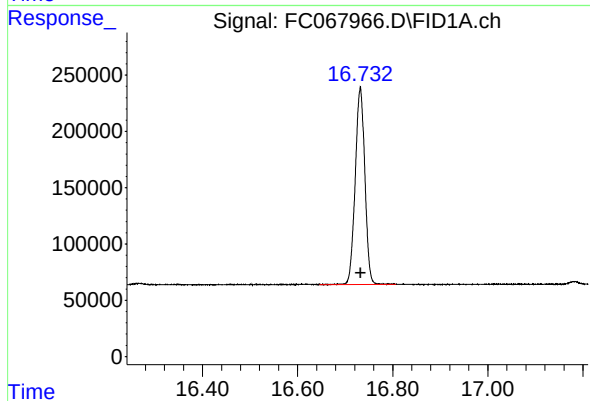
#14 n-Tetracosane (C24)

R.T.: 14.765 min
Delta R.T.: 0.000 min
Response: 2625090
Conc: 18.89 ug/ml



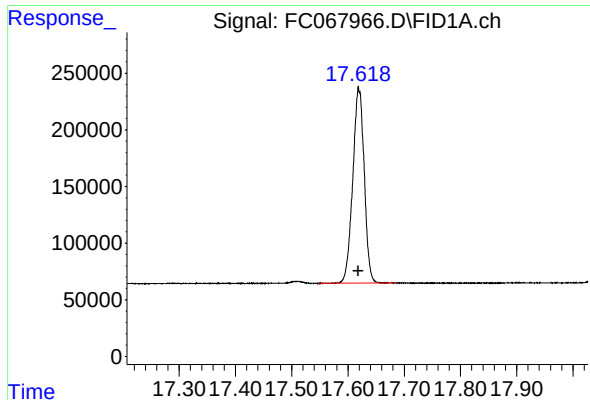
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: -0.001 min
Response: 2526631
Conc: 18.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.732 min
Delta R.T.: -0.001 min
Response: 2447157
Conc: 18.87 ug/ml



#17 n-Tricontane (C30)

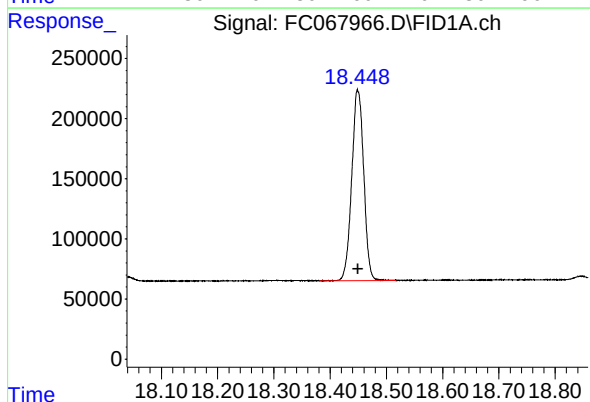
R.T.: 17.619 min
Delta R.T.: 0.000 min
Response: 2446667
Conc: 18.89 ug/ml

Instrument :

FID_C

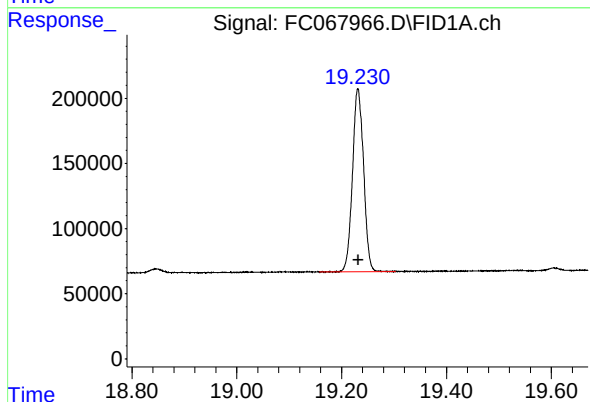
ClientSampleId :

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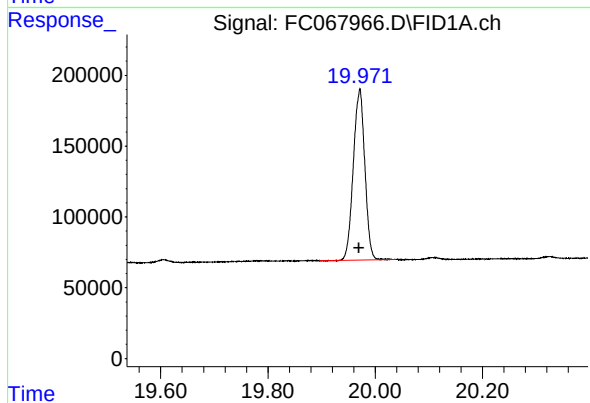
#18 n-Dotriacontane (C32)

R.T.: 18.449 min
Delta R.T.: 0.000 min
Response: 2342650
Conc: 18.91 ug/ml



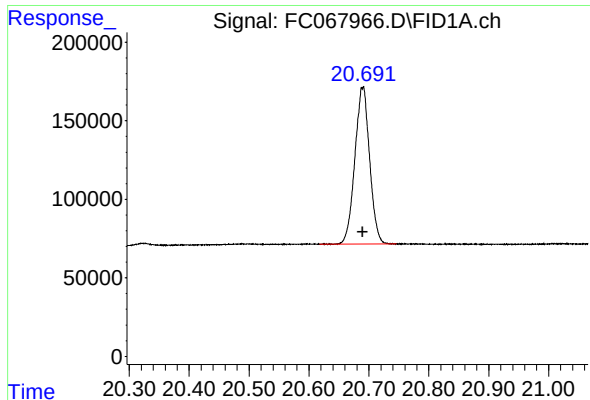
#19 n-Tetatriacontane (C34)

R.T.: 19.231 min
Delta R.T.: -0.001 min
Response: 2066031
Conc: 18.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.971 min
Delta R.T.: 0.000 min
Response: 1796559
Conc: 18.99 ug/ml



#21 n-Octatriacontane (C38)

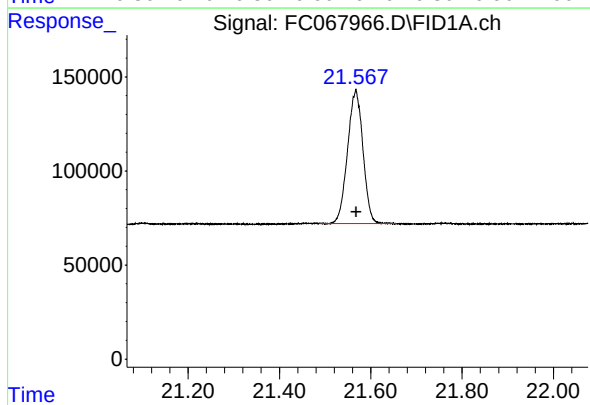
R.T.: 20.690 min
Delta R.T.: 0.000 min
Response: 1708885
Conc: 18.89 ug/ml

Instrument :

FID_C

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.567 min
Delta R.T.: 0.000 min
Response: 1658551
Conc: 18.82 ug/ml