

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062423AL\
 Data File : FC063984.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2023 13:37
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jun 25 04:06:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.525	4059535	20.908 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
12) S 1-chlorooctadecane (S...	12.961	2911927	20.929 ug/ml
Spiked Amount 50.000		Recovery =	41.86%
Target Compounds			
1) T n-Nonane (C9)	3.305	3748331	21.017 ug/ml
2) T n-Decane (C10)	4.368	3814875	21.082 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3949171	21.172 ug/ml
4) T n-Dodecane (C12)	6.383	3787836	21.026 ug/ml
5) T A~2-methylnaphthalene...	7.005	3757246	21.349 ug/ml
6) T n-Tetradecane (C14)	8.175	3630373	20.986 ug/ml
7) T n-Hexadecane (C16)	9.773	3644677	20.981 ug/ml
8) T n-Octadecane (C18)	11.212	3613170	20.965 ug/ml
10) T n-Eicosane (C20)	12.518	3399721	20.826 ug/ml
11) T n-Heneicosane (C21)	13.127	3307814	20.645 ug/ml
13) T n-Docosane (C22)	13.713	3269233	20.805 ug/ml
14) T n-Tetracosane (C24)	14.812	3248126	20.607 ug/ml
15) T n-Hexacosane (C26)	15.830	3217351	21.295 ug/ml
16) T n-Octacosane (C28)	16.776	3189227	21.165 ug/ml
17) T n-Tricontane (C30)	17.660	3286971	21.053 ug/ml
18) T n-Dotriacontane (C32)	18.491	3268359	20.689 ug/ml
19) T n-Tetratriacontane (C34)	19.271	3169428	20.597 ug/ml
20) T n-Hexatriacontane (C36)	20.007	3051224	20.667 ug/ml
21) T n-Octatriacontane (C38)	20.734	3071964	20.739 ug/ml
22) T n-Tetracontane (C40)	21.623	3055732	20.964 ug/ml

(f)=RT Delta > 1/2 Window

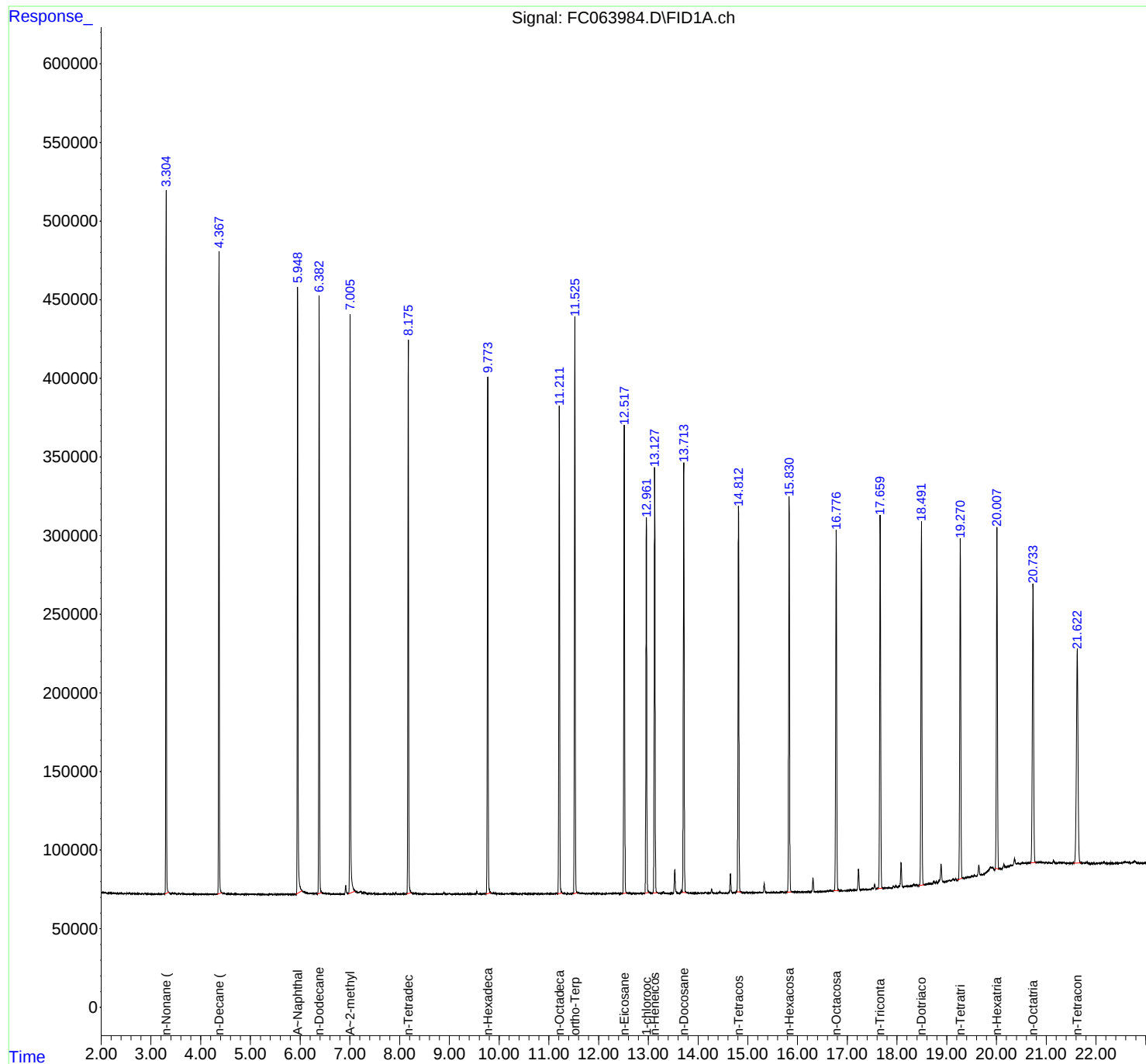
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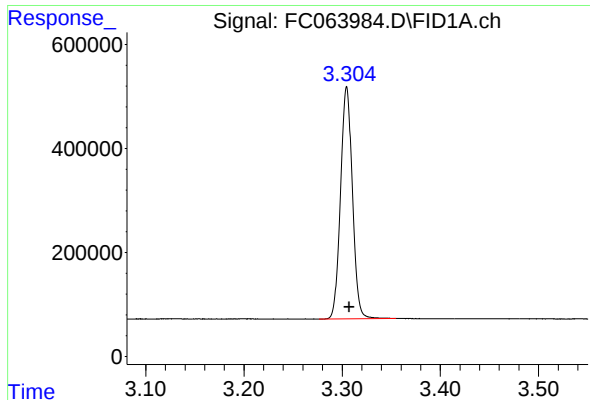
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#1 n-Nonane (C9)

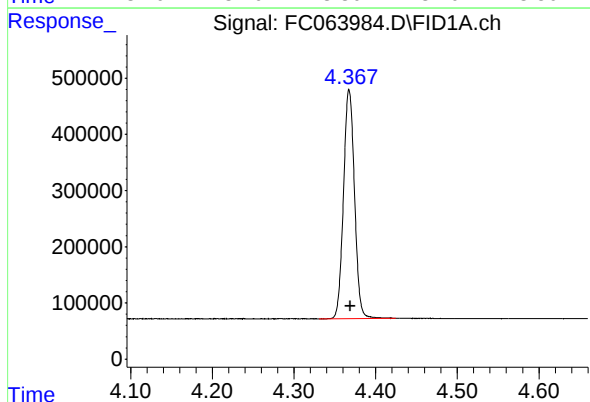
R.T.: 3.305 min
Delta R.T.: -0.002 min
Response: 3748331
Conc: 21.02 ug/ml

Instrument :

FID_C

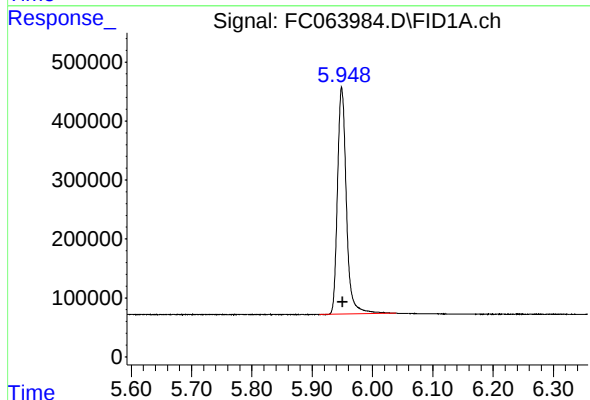
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



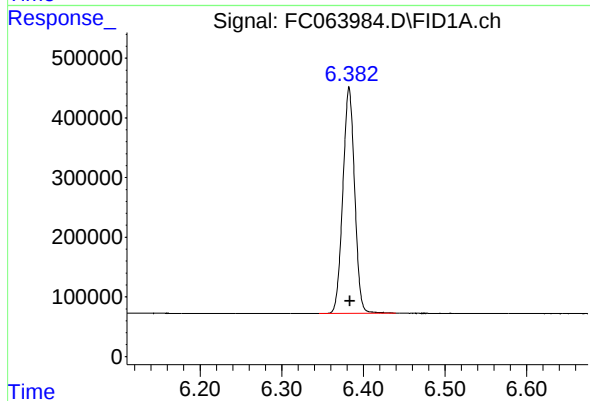
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.002 min
Response: 3814875
Conc: 21.08 ug/ml



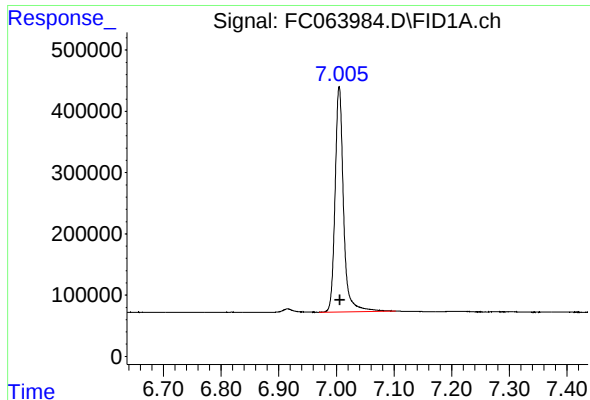
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.001 min
Response: 3949171
Conc: 21.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: -0.001 min
Response: 3787836
Conc: 21.03 ug/ml



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

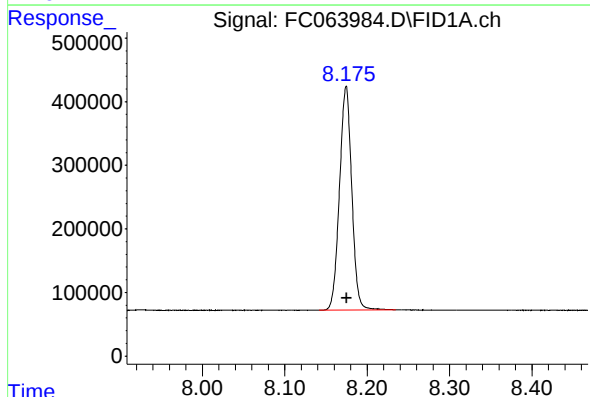
R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 3757246
Conc: 21.35 ug/ml

Instrument :

FID_C

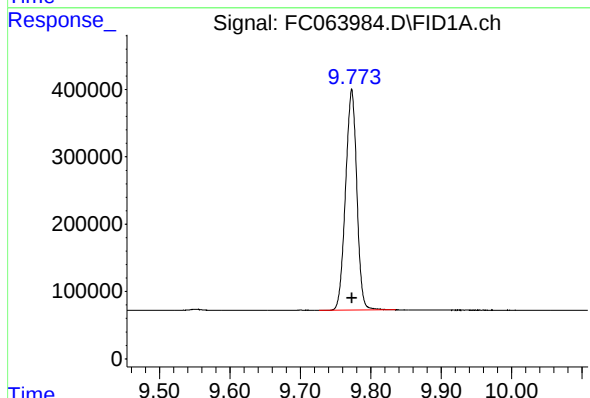
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



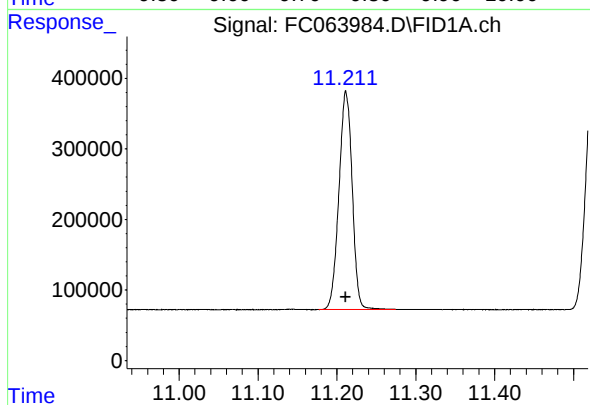
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 3630373
Conc: 20.99 ug/ml



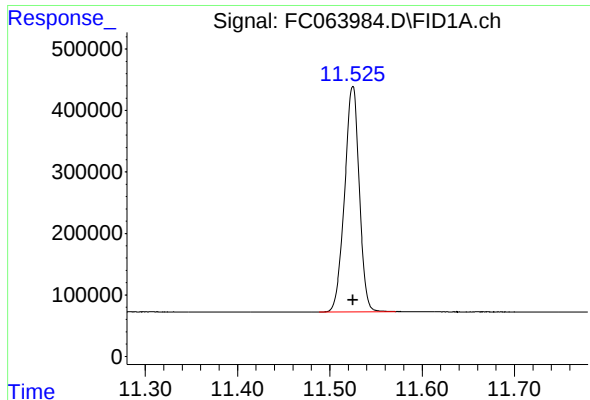
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.000 min
Response: 3644677
Conc: 20.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.212 min
Delta R.T.: 0.000 min
Response: 3613170
Conc: 20.96 ug/ml



#9 ortho-Terphenyl (SURR)

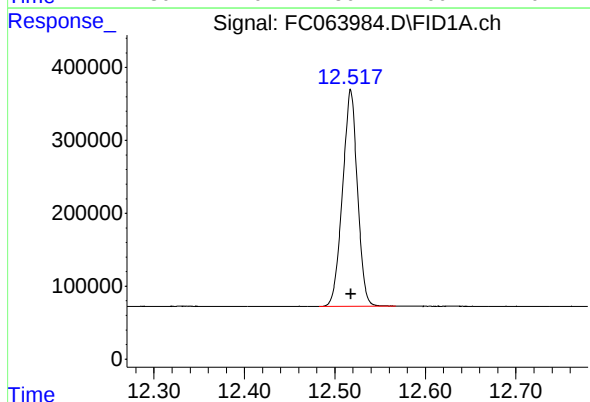
R.T.: 11.525 min
Delta R.T.: 0.000 min
Response: 4059535
Conc: 20.91 ug/ml

Instrument :

FID_C

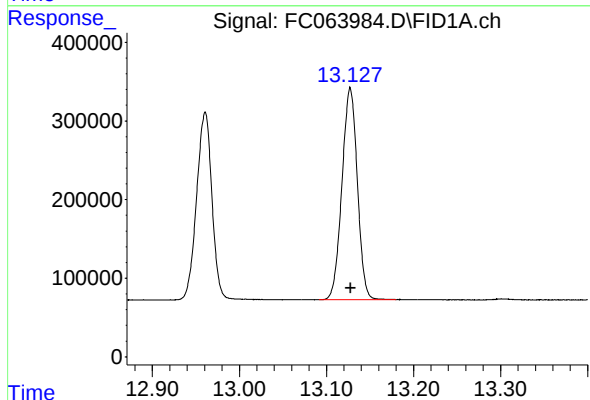
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



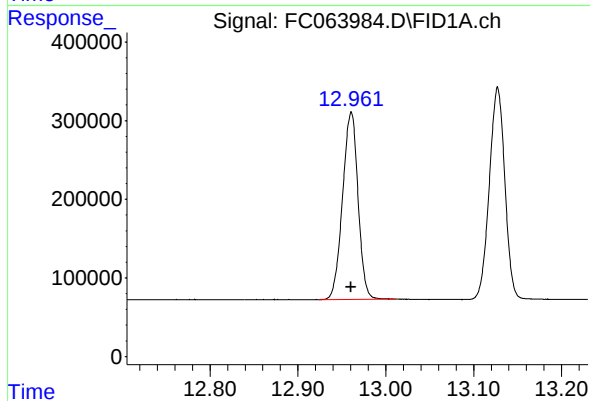
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: 0.000 min
Response: 3399721
Conc: 20.83 ug/ml



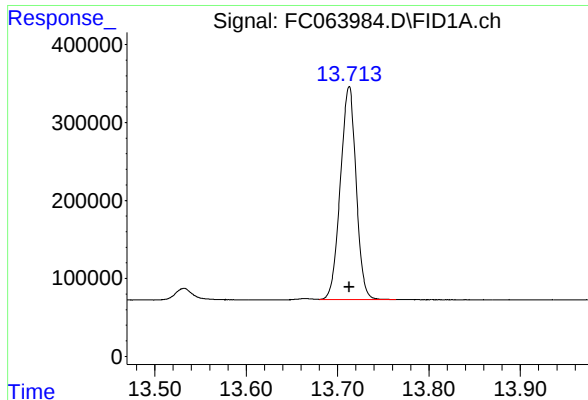
#11 n-Heneicosane (C21)

R.T.: 13.127 min
Delta R.T.: 0.000 min
Response: 3307814
Conc: 20.65 ug/ml



#12 1-chlorooctadecane (SURR)

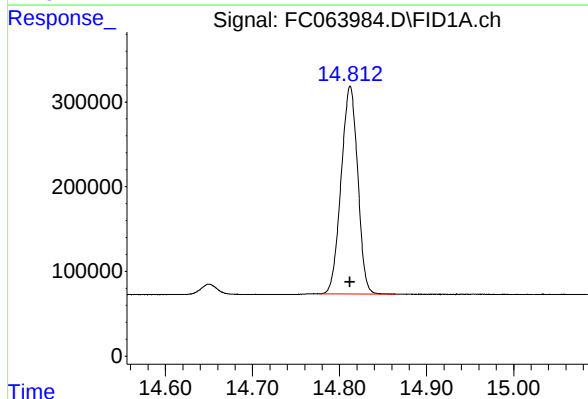
R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 2911927
Conc: 20.93 ug/ml



#13 n-Docosane (C22)

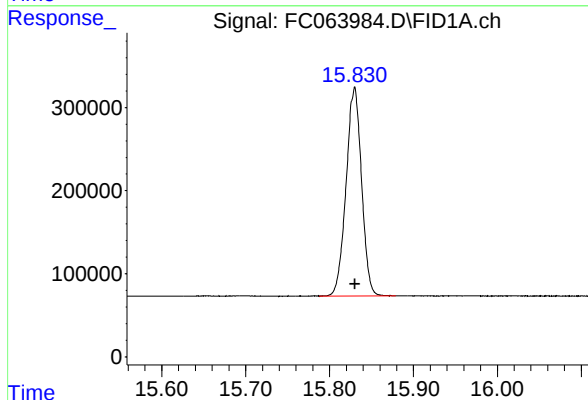
R.T.: 13.713 min
Delta R.T.: 0.000 min
Response: 3269233
Conc: 20.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



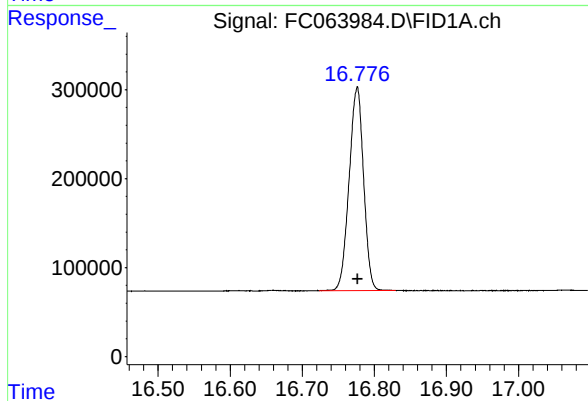
#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: 0.000 min
Response: 3248126
Conc: 20.61 ug/ml



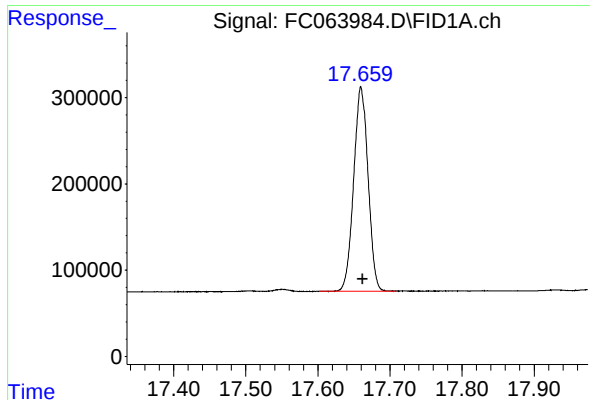
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: 0.000 min
Response: 3217351
Conc: 21.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.776 min
Delta R.T.: 0.000 min
Response: 3189227
Conc: 21.17 ug/ml



#17 n-Tricontane (C30)

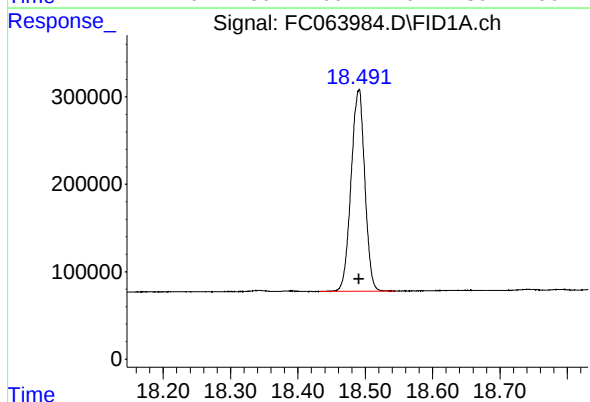
R.T.: 17.660 min
Delta R.T.: -0.002 min
Response: 3286971
Conc: 21.05 ug/ml

Instrument :

FID_C

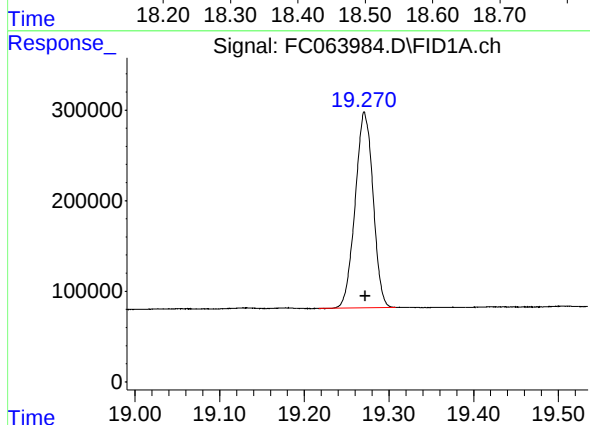
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



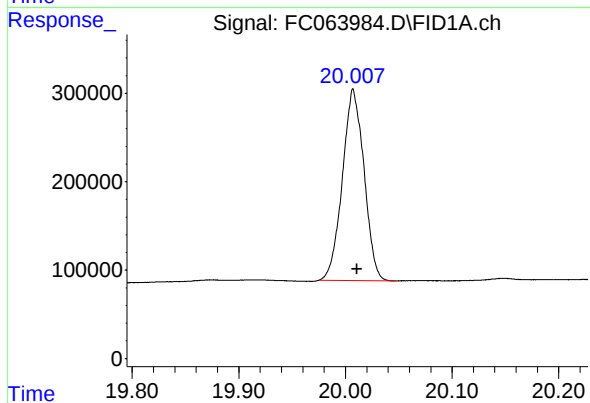
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: 0.000 min
Response: 3268359
Conc: 20.69 ug/ml



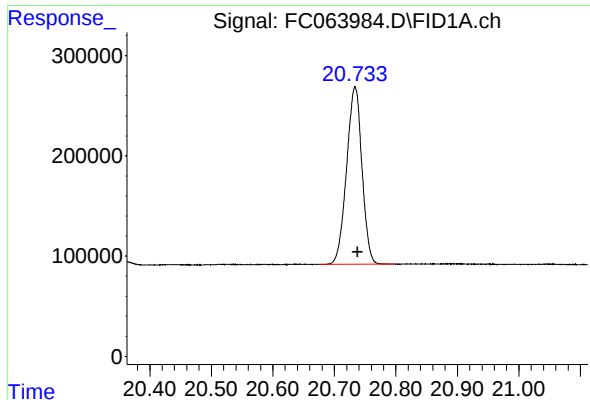
#19 n-Tetatriacontane (C34)

R.T.: 19.271 min
Delta R.T.: -0.001 min
Response: 3169428
Conc: 20.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: -0.004 min
Response: 3051224
Conc: 20.67 ug/ml



#21 n-Octatriacontane (C38)

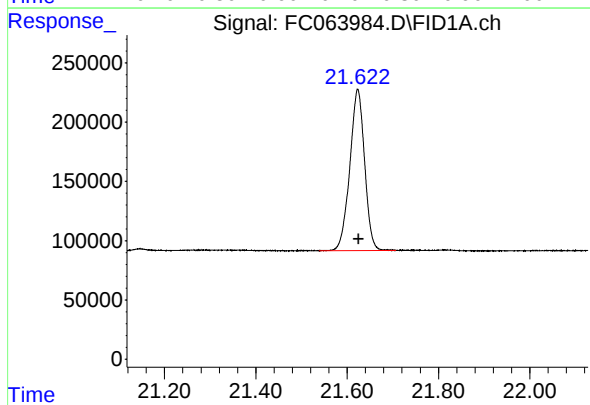
R.T.: 20.734 min
Delta R.T.: -0.004 min
Response: 3071964
Conc: 20.74 ug/ml

Instrument :

FID_C

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: -0.002 min
Response: 3055732
Conc: 20.96 ug/ml