

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101724AL\
 Data File : FC067453.D
 Signal(s) : FID1A.ch
 Acq On : 17 Oct 2024 12:04
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 18 01:43:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.496	2960529	19.456 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
12) S 1-chlorooctadecane (S...	12.934	2198884	19.426 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
Target Compounds			
1) T n-Nonane (C9)	3.274	2668792	21.054 ug/ml
2) T n-Decane (C10)	4.339	2751731	21.407 ug/ml
3) T A~Naphthalene (C11.7)	5.917	2996471	21.123 ug/ml
4) T n-Dodecane (C12)	6.355	2752602	21.213 ug/ml
5) T A~2-methylnaphthalene...	6.972	2861268	20.856 ug/ml
6) T n-Tetradecane (C14)	8.147	2677245	20.787 ug/ml
7) T n-Hexadecane (C16)	9.745	2718387	20.421 ug/ml
8) T n-Octadecane (C18)	11.185	2720097	20.059 ug/ml
10) T n-Eicosane (C20)	12.492	2584334	19.793 ug/ml
11) T n-Heneicosane (C21)	13.103	2526554	19.699 ug/ml
13) T n-Docosane (C22)	13.689	2497504	19.560 ug/ml
14) T n-Tetracosane (C24)	14.790	2481302	19.402 ug/ml
15) T n-Hexacosane (C26)	15.809	2441382	19.363 ug/ml
16) T n-Octacosane (C28)	16.757	2434406	19.378 ug/ml
17) T n-Tricontane (C30)	17.644	2532980	19.662 ug/ml
18) T n-Dotriacontane (C32)	18.475	2497695	19.993 ug/ml
19) T n-Tetratriacontane (C34)	19.257	2216867	20.287 ug/ml
20) T n-Hexatriacontane (C36)	19.995	1937998	20.504 ug/ml
21) T n-Octatriacontane (C38)	20.718	1787184	20.378 ug/ml
22) T n-Tetracontane (C40)	21.605	1740931	20.232 ug/ml

(f)=RT Delta > 1/2 Window

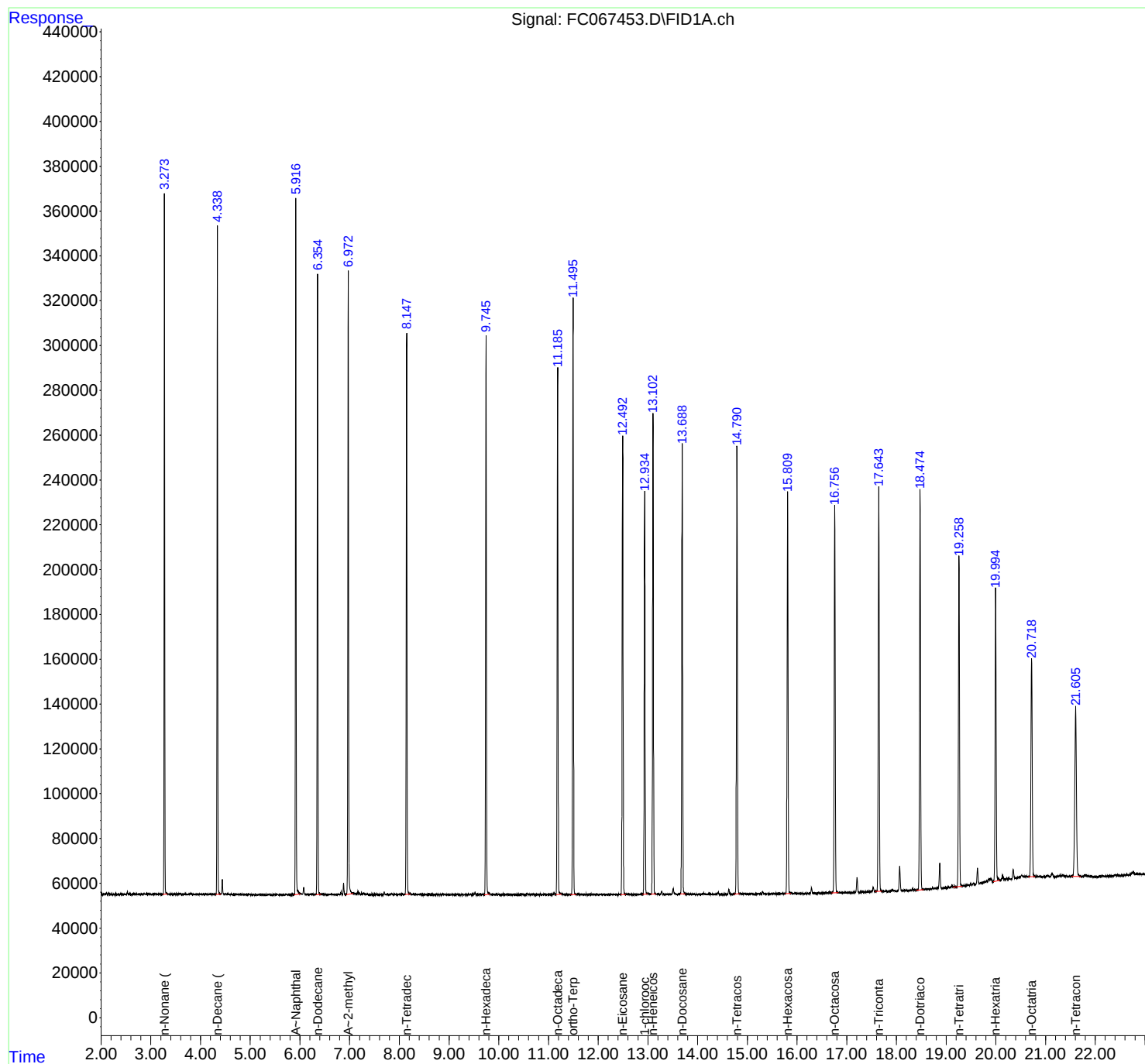
(m)=manual int.

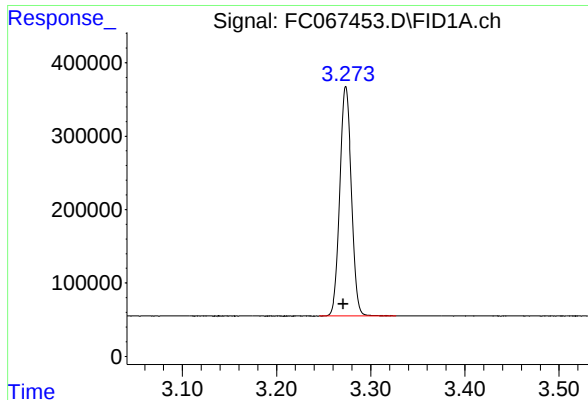
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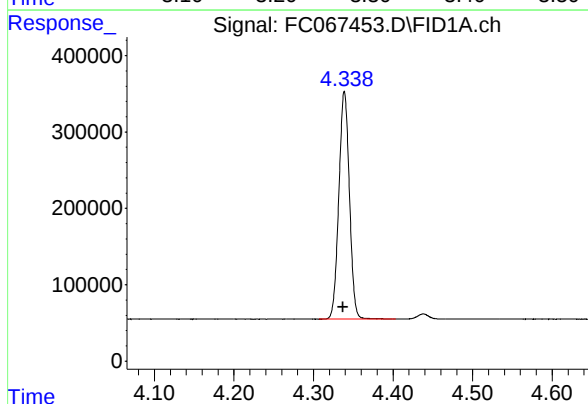




#1 n-Nonane (C9)

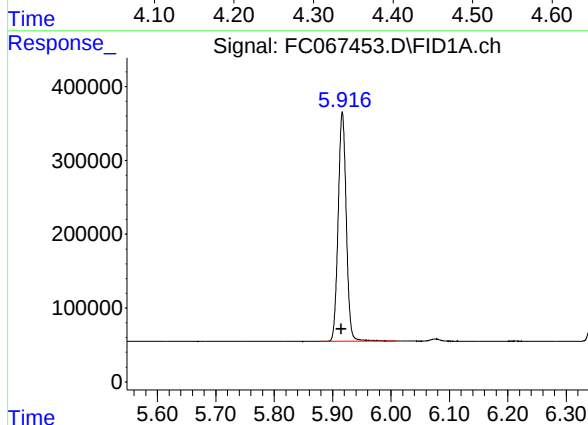
R.T.: 3.274 min
Delta R.T.: 0.003 min
Response: 2668792
Conc: 21.05 ug/ml

Instrument :
FID_C
ClientSampleId :



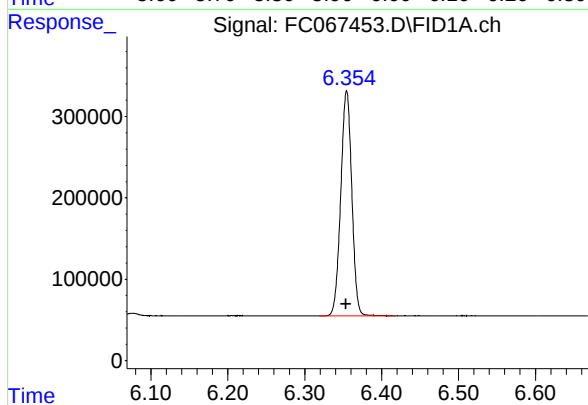
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: 0.002 min
Response: 2751731
Conc: 21.41 ug/ml



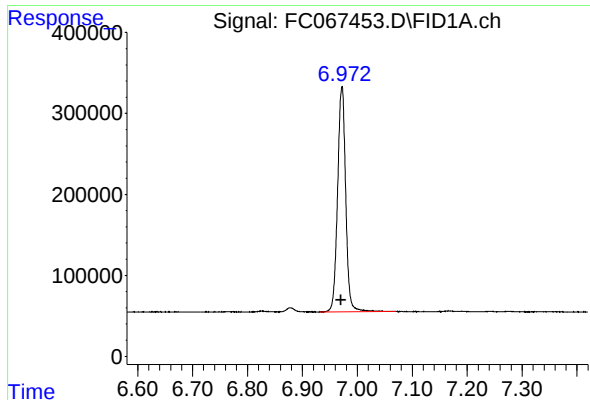
#3 A~Naphthalene (C11.7)

R.T.: 5.917 min
Delta R.T.: 0.002 min
Response: 2996471
Conc: 21.12 ug/ml



#4 n-Dodecane (C12)

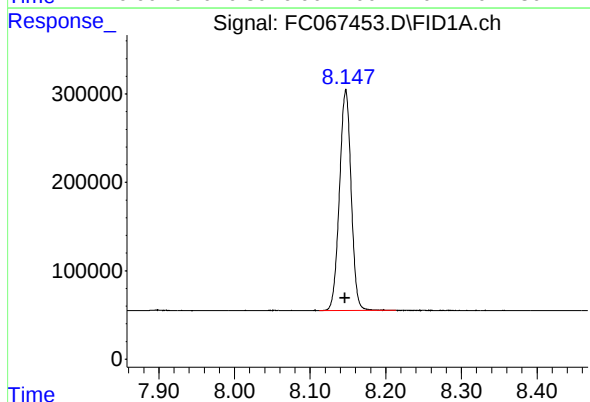
R.T.: 6.355 min
Delta R.T.: 0.001 min
Response: 2752602
Conc: 21.21 ug/ml



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

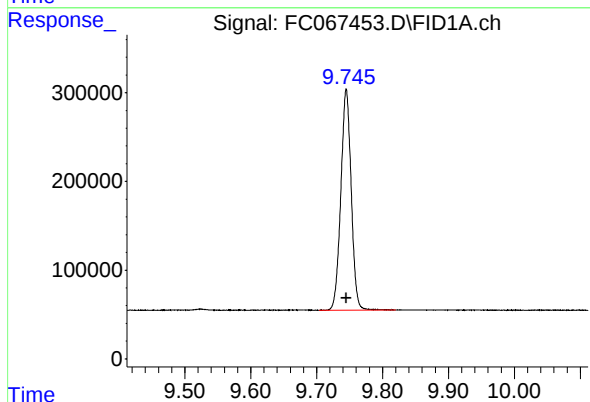
R.T.: 6.972 min
Delta R.T.: 0.002 min
Response: 2861268
Conc: 20.86 ug/ml

Instrument :
FID_C
ClientSampleId :



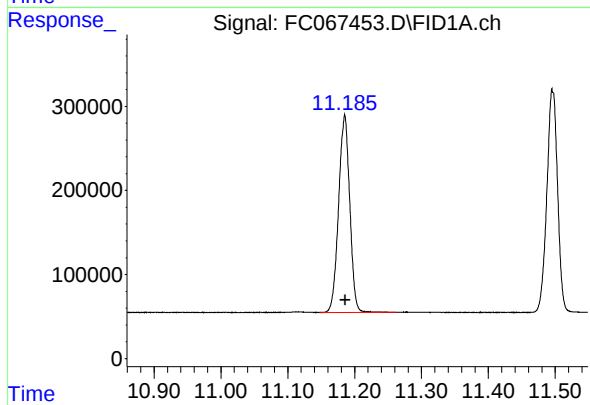
#6 n-Tetradecane (C14)

R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 2677245
Conc: 20.79 ug/ml



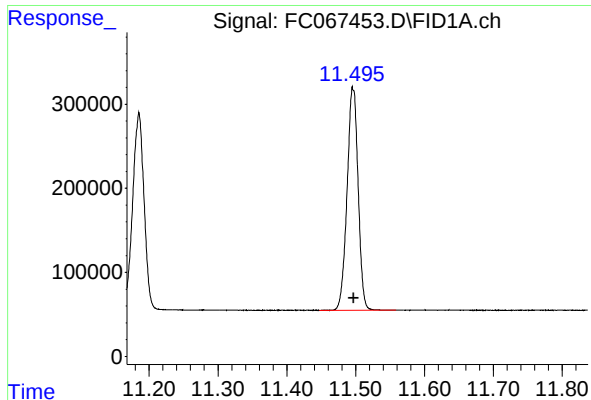
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.000 min
Response: 2718387
Conc: 20.42 ug/ml



#8 n-Octadecane (C18)

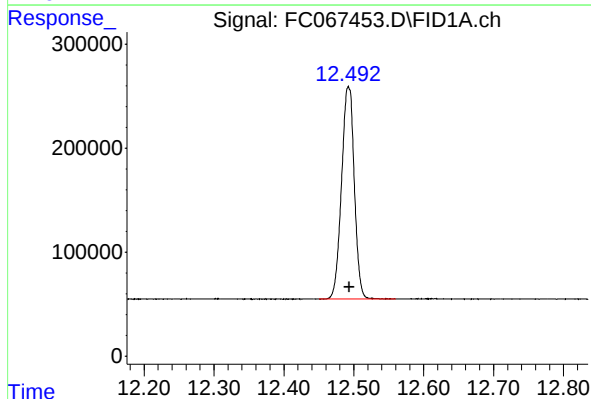
R.T.: 11.185 min
Delta R.T.: -0.001 min
Response: 2720097
Conc: 20.06 ug/ml



#9 ortho-Terphenyl (SURR)

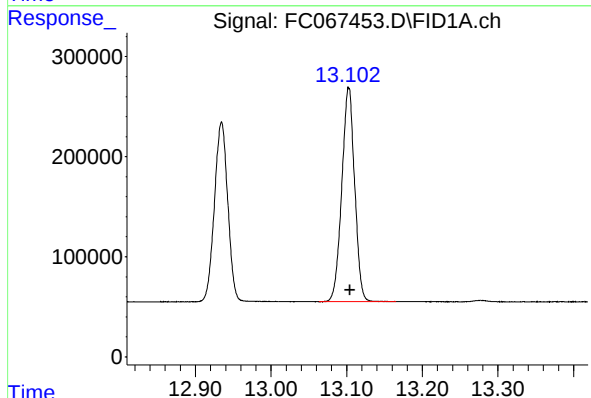
R.T.: 11.496 min
Delta R.T.: 0.000 min
Response: 2960529
Conc: 19.46 ug/ml

Instrument :
FID_C
ClientSampleId :



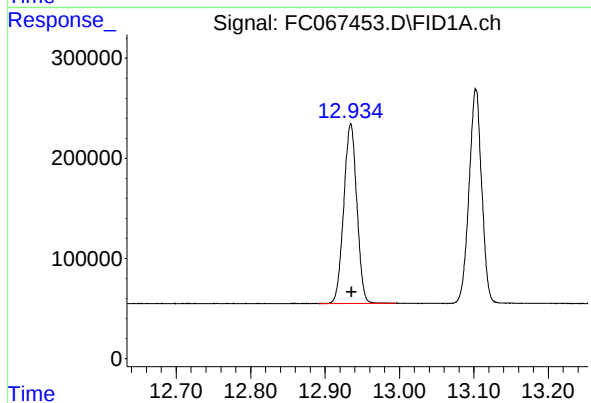
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: -0.001 min
Response: 2584334
Conc: 19.79 ug/ml



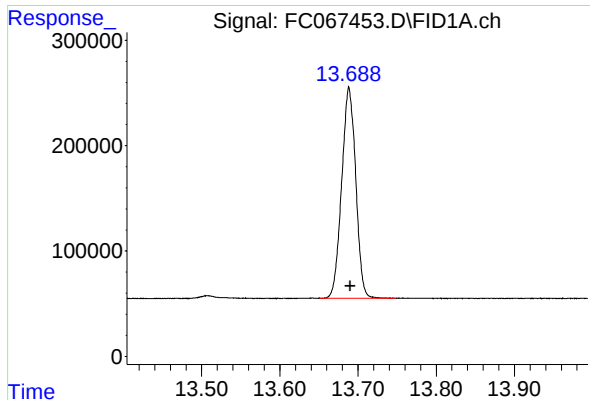
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: -0.002 min
Response: 2526554
Conc: 19.70 ug/ml



#12 1-chlorooctadecane (SURR)

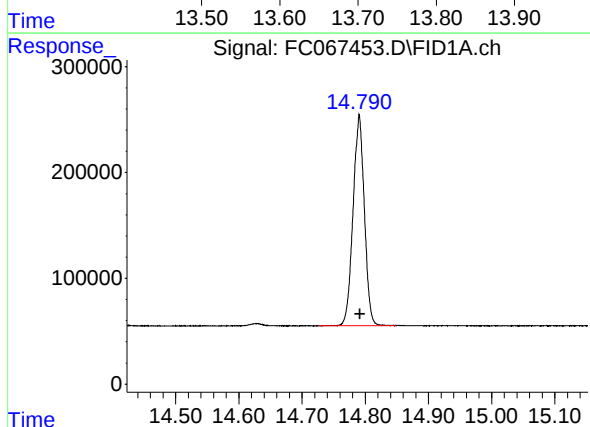
R.T.: 12.934 min
Delta R.T.: -0.001 min
Response: 2198884
Conc: 19.43 ug/ml



#13 n-Docosane (C22)

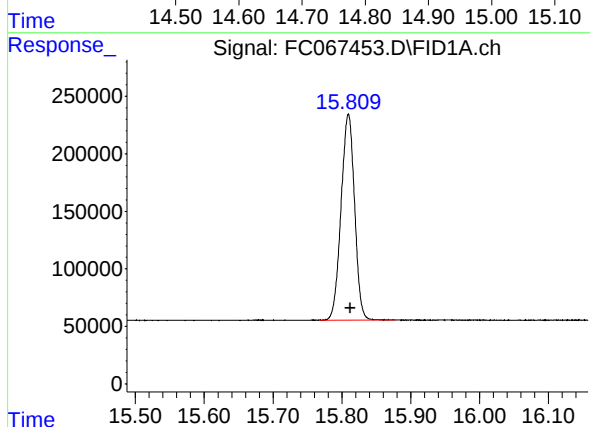
R.T.: 13.689 min
Delta R.T.: -0.002 min
Response: 2497504
Conc: 19.56 ug/ml

Instrument :
FID_C
ClientSampleId :



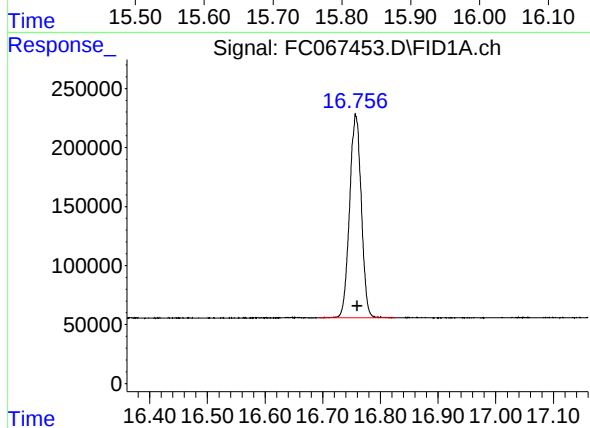
#14 n-Tetracosane (C24)

R.T.: 14.790 min
Delta R.T.: -0.002 min
Response: 2481302
Conc: 19.40 ug/ml



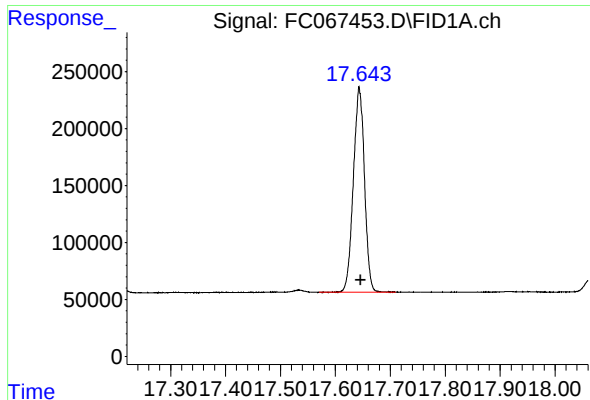
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: -0.003 min
Response: 2441382
Conc: 19.36 ug/ml



#16 n-Octacosane (C28)

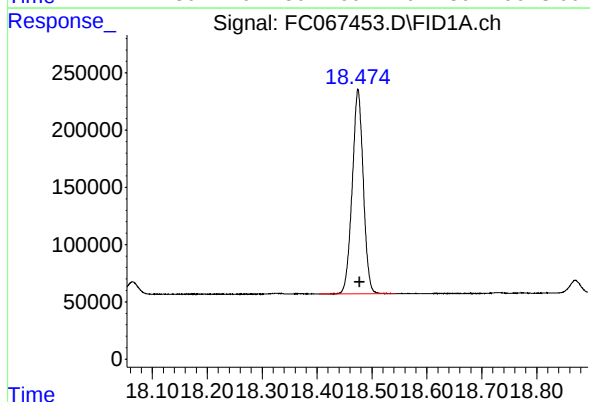
R.T.: 16.757 min
Delta R.T.: -0.002 min
Response: 2434406
Conc: 19.38 ug/ml



#17 n-Tricontane (C30)

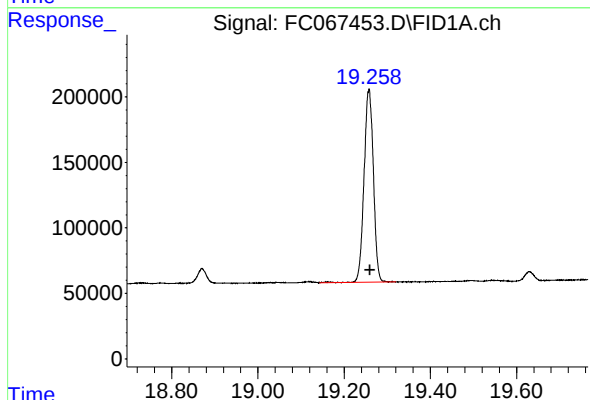
R.T.: 17.644 min
Delta R.T.: -0.002 min
Response: 2532980
Conc: 19.66 ug/ml

Instrument :
FID_C
ClientSampleId :



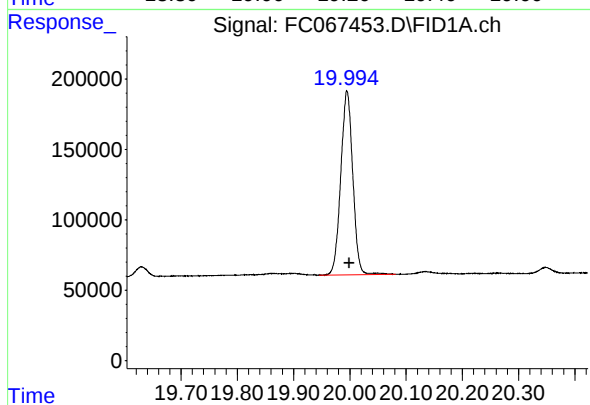
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: -0.003 min
Response: 2497695
Conc: 19.99 ug/ml



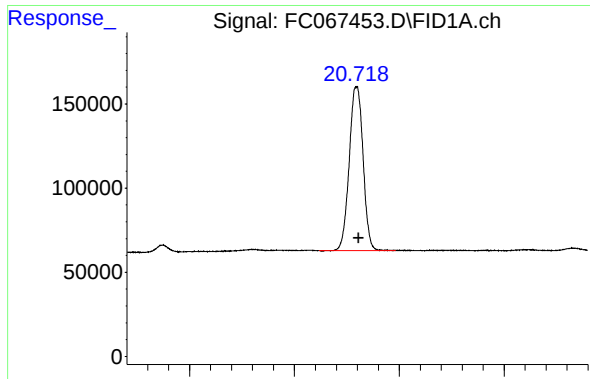
#19 n-Tetratriacontane (C34)

R.T.: 19.257 min
Delta R.T.: -0.002 min
Response: 2216867
Conc: 20.29 ug/ml



#20 n-Hexatriacontane (C36)

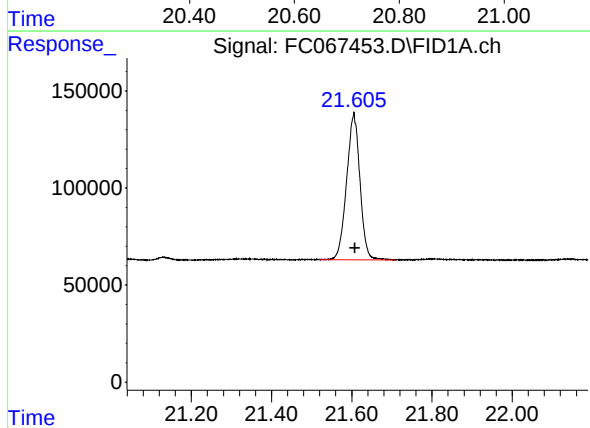
R.T.: 19.995 min
Delta R.T.: -0.004 min
Response: 1937998
Conc: 20.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: -0.005 min
Response: 1787184
Conc: 20.38 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: -0.003 min
Response: 1740931
Conc: 20.23 ug/ml