

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083023AL\
 Data File : FC064449.D
 Signal(s) : FID1A.ch
 Acq On : 30 Aug 2023 14:34
 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: Aug 31 00:47:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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)	11.511	4010512	18.891 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
12) S 1-chlorooctadecane (S...	12.946	2933246	19.238 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
Target Compounds			
1) T n-Nonane (C9)	3.305	3225676	18.276 ug/ml
2) T n-Decane (C10)	4.365	3277357	18.683 ug/ml
3) T A~Naphthalene (C11.7)	5.944	3511644	18.885 ug/ml
4) T n-Dodecane (C12)	6.376	3335937	18.716 ug/ml
5) T A~2-methylnaphthalene...	6.998	3439770	19.337 ug/ml
6) T n-Tetradecane (C14)	8.165	3292395	18.872 ug/ml
7) T n-Hexadecane (C16)	9.760	3331650	19.279 ug/ml
8) T n-Octadecane (C18)	11.198	3362034	19.203 ug/ml
10) T n-Eicosane (C20)	12.503	3240591	19.157 ug/ml
11) T n-Heneicosane (C21)	13.112	3176297	19.031 ug/ml
13) T n-Docosane (C22)	13.698	3134877	19.219 ug/ml
14) T n-Tetracosane (C24)	14.797	3051049	19.159 ug/ml
15) T n-Hexacosane (C26)	15.812	2946766	19.073 ug/ml
16) T n-Octacosane (C28)	16.759	2895086	19.555 ug/ml
17) T n-Tricontane (C30)	17.643	3034471	20.774 ug/ml
18) T n-Dotriacontane (C32)	18.473	3057839	21.647 ug/ml
19) T n-Tetratriacontane (C34)	19.252	2819961	21.105 ug/ml
20) T n-Hexatriacontane (C36)	19.990	2604640	20.355 ug/ml
21) T n-Octatriacontane (C38)	20.708	2494108	20.311 ug/ml
22) T n-Tetracontane (C40)	21.592	2445020	21.054 ug/ml

(f)=RT Delta > 1/2 Window

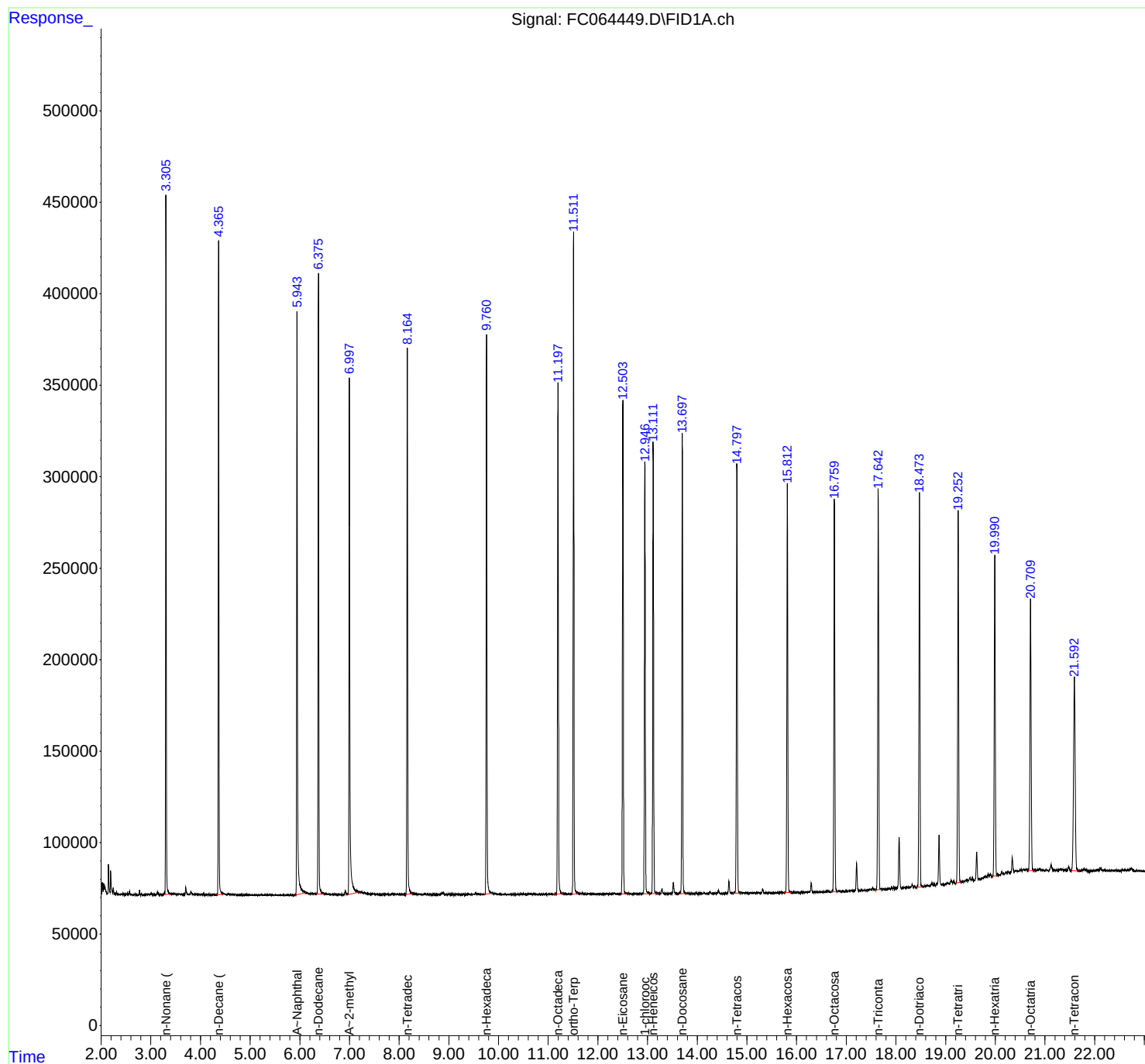
(m)=manual int.

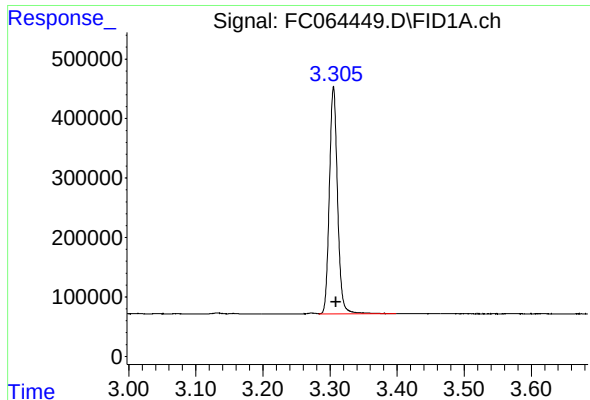
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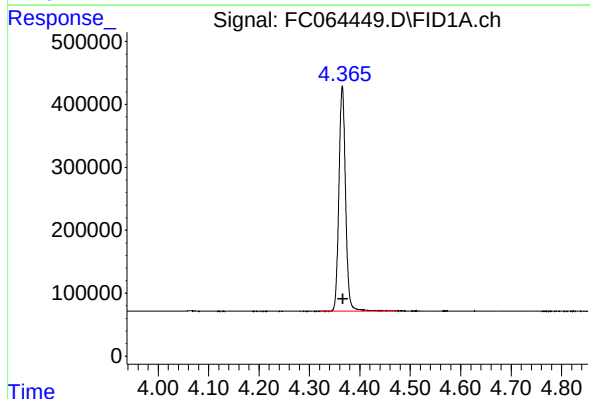




#1 n-Nonane (C9)

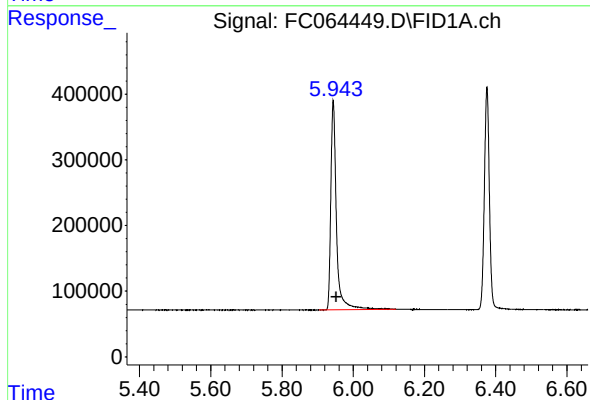
R.T.: 3.305 min
Delta R.T.: -0.004 min
Response: 3225676
Conc: 18.28 ug/ml

Instrument :
FID_C
ClientSampleId :



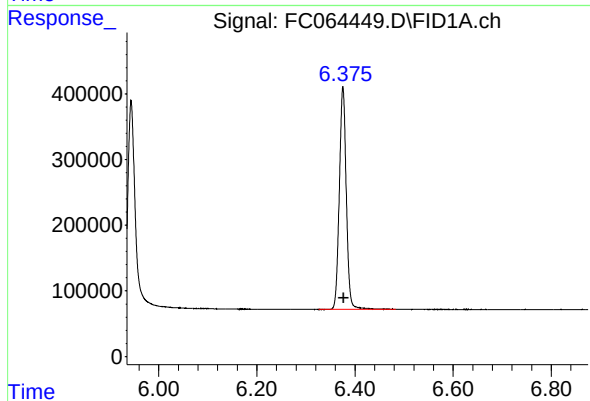
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.001 min
Response: 3277357
Conc: 18.68 ug/ml



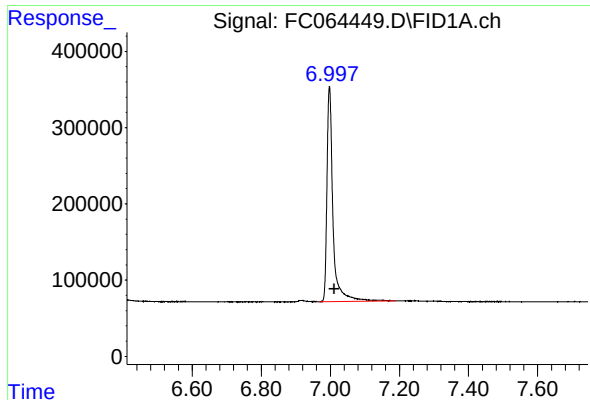
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.009 min
Response: 3511644
Conc: 18.88 ug/ml



#4 n-Dodecane (C12)

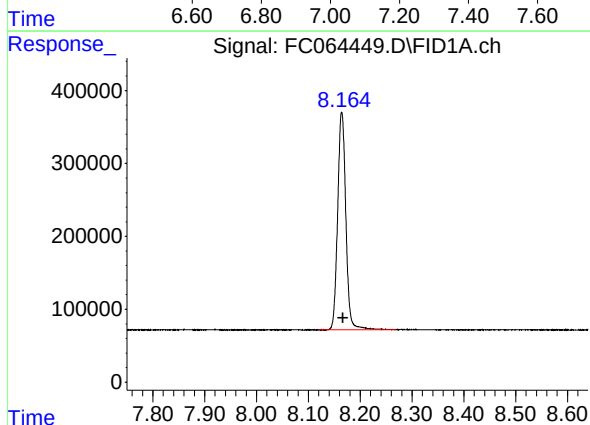
R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 3335937
Conc: 18.72 ug/ml



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

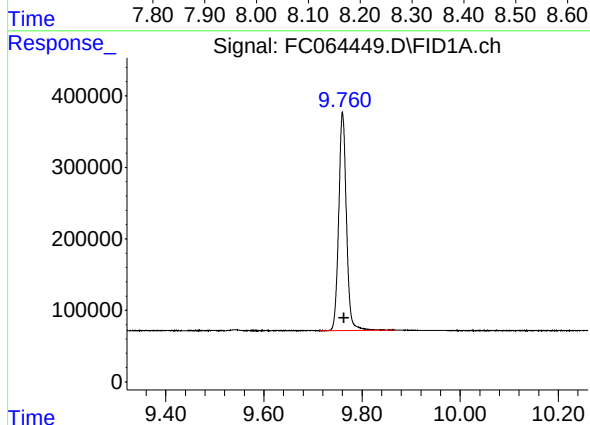
R.T.: 6.998 min
Delta R.T.: -0.014 min
Response: 3439770
Conc: 19.34 ug/ml

Instrument :
FID_C
ClientSampleId :



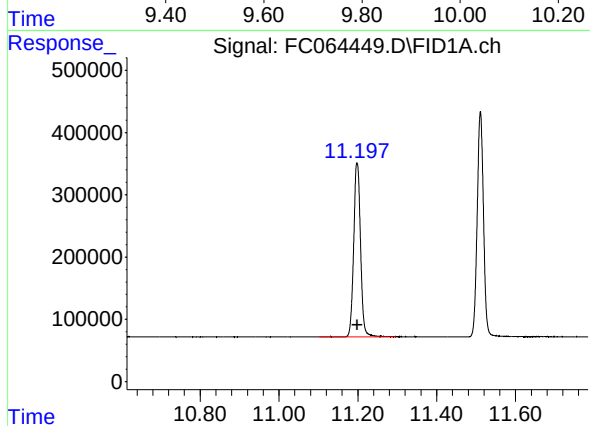
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.003 min
Response: 3292395
Conc: 18.87 ug/ml



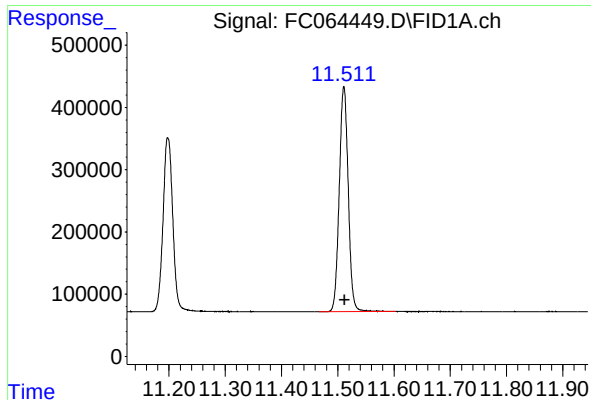
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.003 min
Response: 3331650
Conc: 19.28 ug/ml



#8 n-Octadecane (C18)

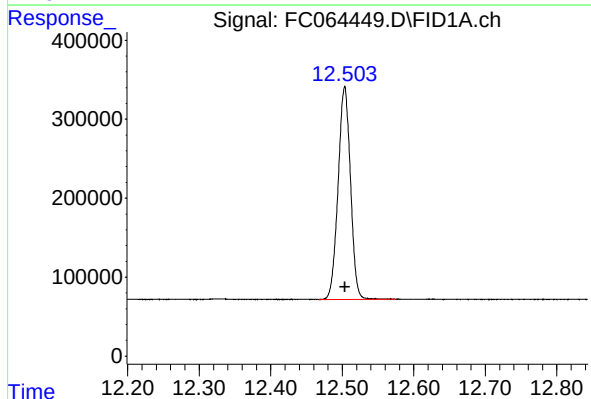
R.T.: 11.198 min
Delta R.T.: 0.000 min
Response: 3362034
Conc: 19.20 ug/ml



#9 ortho-Terphenyl (SURR)

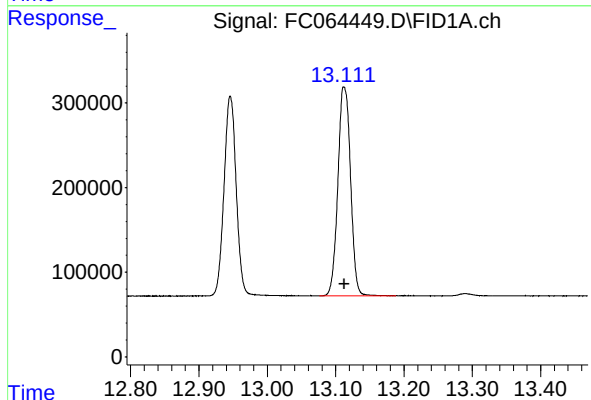
R.T.: 11.511 min
Delta R.T.: -0.001 min
Response: 4010512
Conc: 18.89 ug/ml

Instrument :
FID_C
ClientSampleId :



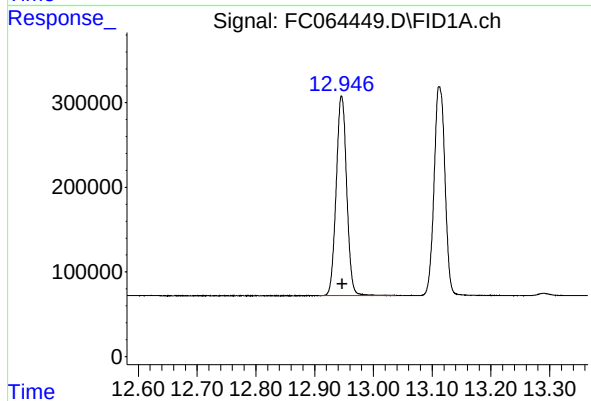
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.000 min
Response: 3240591
Conc: 19.16 ug/ml



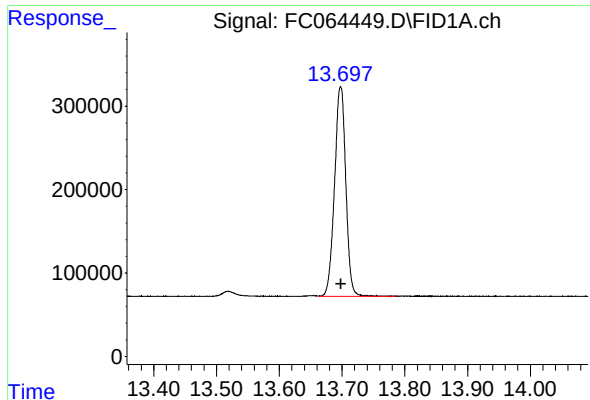
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.000 min
Response: 3176297
Conc: 19.03 ug/ml



#12 1-chlorooctadecane (SURR)

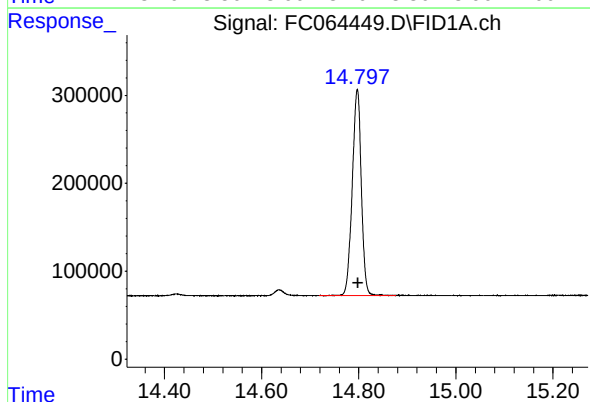
R.T.: 12.946 min
Delta R.T.: -0.002 min
Response: 2933246
Conc: 19.24 ug/ml



#13 n-Docosane (C22)

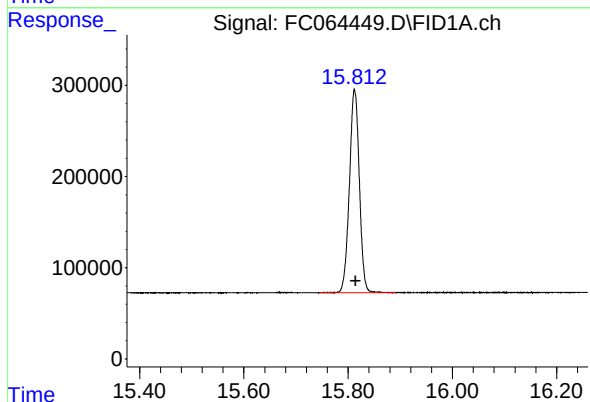
R.T.: 13.698 min
Delta R.T.: 0.000 min
Response: 3134877
Conc: 19.22 ug/ml

Instrument :
FID_C
ClientSampleId :



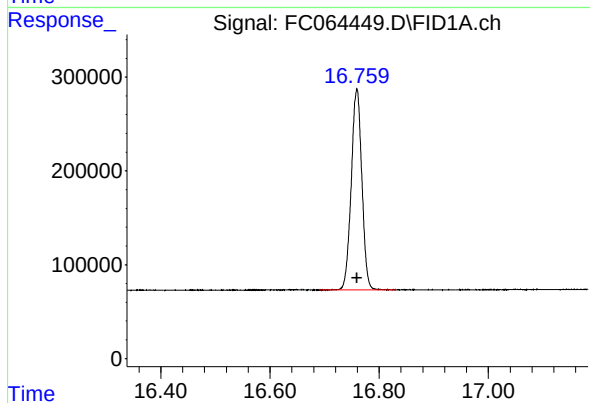
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: -0.001 min
Response: 3051049
Conc: 19.16 ug/ml



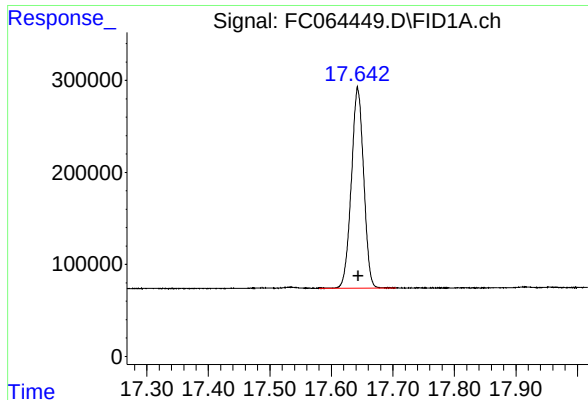
#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: -0.002 min
Response: 2946766
Conc: 19.07 ug/ml



#16 n-Octacosane (C28)

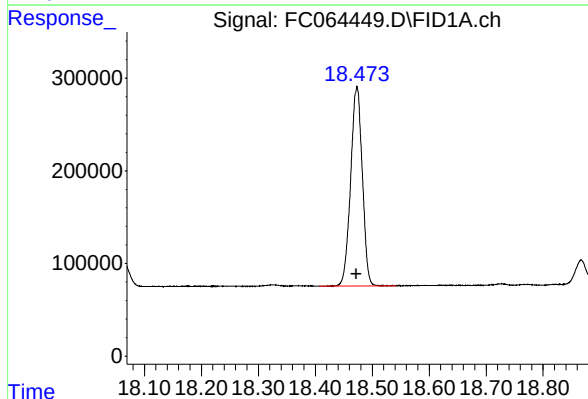
R.T.: 16.759 min
Delta R.T.: 0.000 min
Response: 2895086
Conc: 19.55 ug/ml



#17 n-Tricontane (C30)

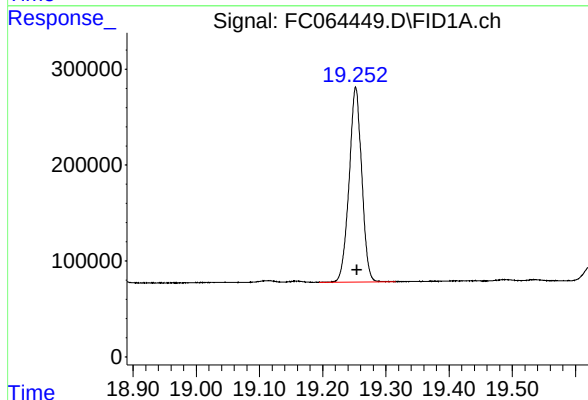
R.T.: 17.643 min
Delta R.T.: -0.001 min
Response: 3034471
Conc: 20.77 ug/ml

Instrument :
FID_C
ClientSampleId :



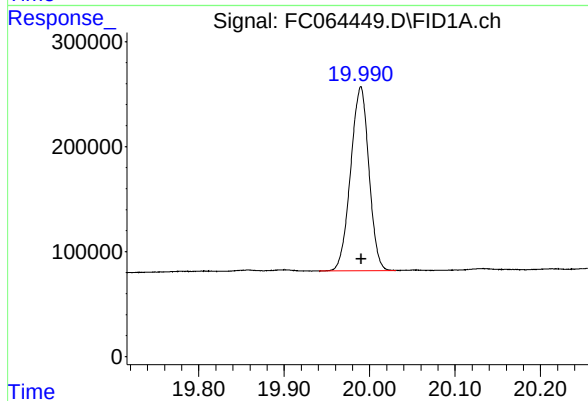
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: 0.001 min
Response: 3057839
Conc: 21.65 ug/ml



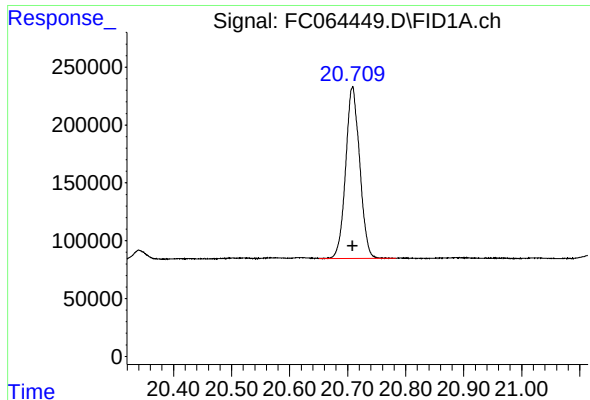
#19 n-Tetatriacontane (C34)

R.T.: 19.252 min
Delta R.T.: -0.002 min
Response: 2819961
Conc: 21.11 ug/ml



#20 n-Hexatriacontane (C36)

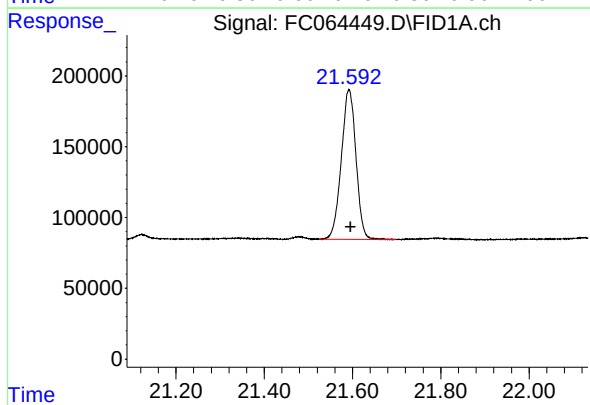
R.T.: 19.990 min
Delta R.T.: 0.000 min
Response: 2604640
Conc: 20.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: 0.000 min
Response: 2494108
Conc: 20.31 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.592 min
Delta R.T.: -0.004 min
Response: 2445020
Conc: 21.05 ug/ml