

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083023AL\
 Data File : FC064454.D
 Signal(s) : FID1A.ch
 Acq On : 30 Aug 2023 19:36
 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 00:48:11 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	4029367	18.979 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
12) S 1-chlorooctadecane (S...	12.946	2943414	19.305 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
Target Compounds			
1) T n-Nonane (C9)	3.304	3285588	18.616 ug/ml
2) T n-Decane (C10)	4.364	3329850	18.982 ug/ml
3) T A~Naphthalene (C11.7)	5.944	3559764	19.143 ug/ml
4) T n-Dodecane (C12)	6.376	3377305	18.948 ug/ml
5) T A~2-methylnaphthalene...	6.998	3433675	19.302 ug/ml
6) T n-Tetradecane (C14)	8.166	3329230	19.084 ug/ml
7) T n-Hexadecane (C16)	9.761	3359420	19.439 ug/ml
8) T n-Octadecane (C18)	11.198	3390130	19.364 ug/ml
10) T n-Eicosane (C20)	12.503	3259673	19.270 ug/ml
11) T n-Heneicosane (C21)	13.113	3188160	19.102 ug/ml
13) T n-Docosane (C22)	13.697	3143735	19.274 ug/ml
14) T n-Tetracosane (C24)	14.795	3062885	19.233 ug/ml
15) T n-Hexacosane (C26)	15.812	2961687	19.170 ug/ml
16) T n-Octacosane (C28)	16.758	2915844	19.695 ug/ml
17) T n-Tricontane (C30)	17.643	3071964	21.031 ug/ml
18) T n-Dotriacontane (C32)	18.472	3137924	22.214 ug/ml
19) T n-Tetratriacontane (C34)	19.253	2955825	22.122 ug/ml
20) T n-Hexatriacontane (C36)	19.991	2714517	21.214 ug/ml
21) T n-Octatriacontane (C38)	20.711	2558007	20.831 ug/ml
22) T n-Tetracontane (C40)	21.592	2475418	21.316 ug/ml

(f)=RT Delta > 1/2 Window

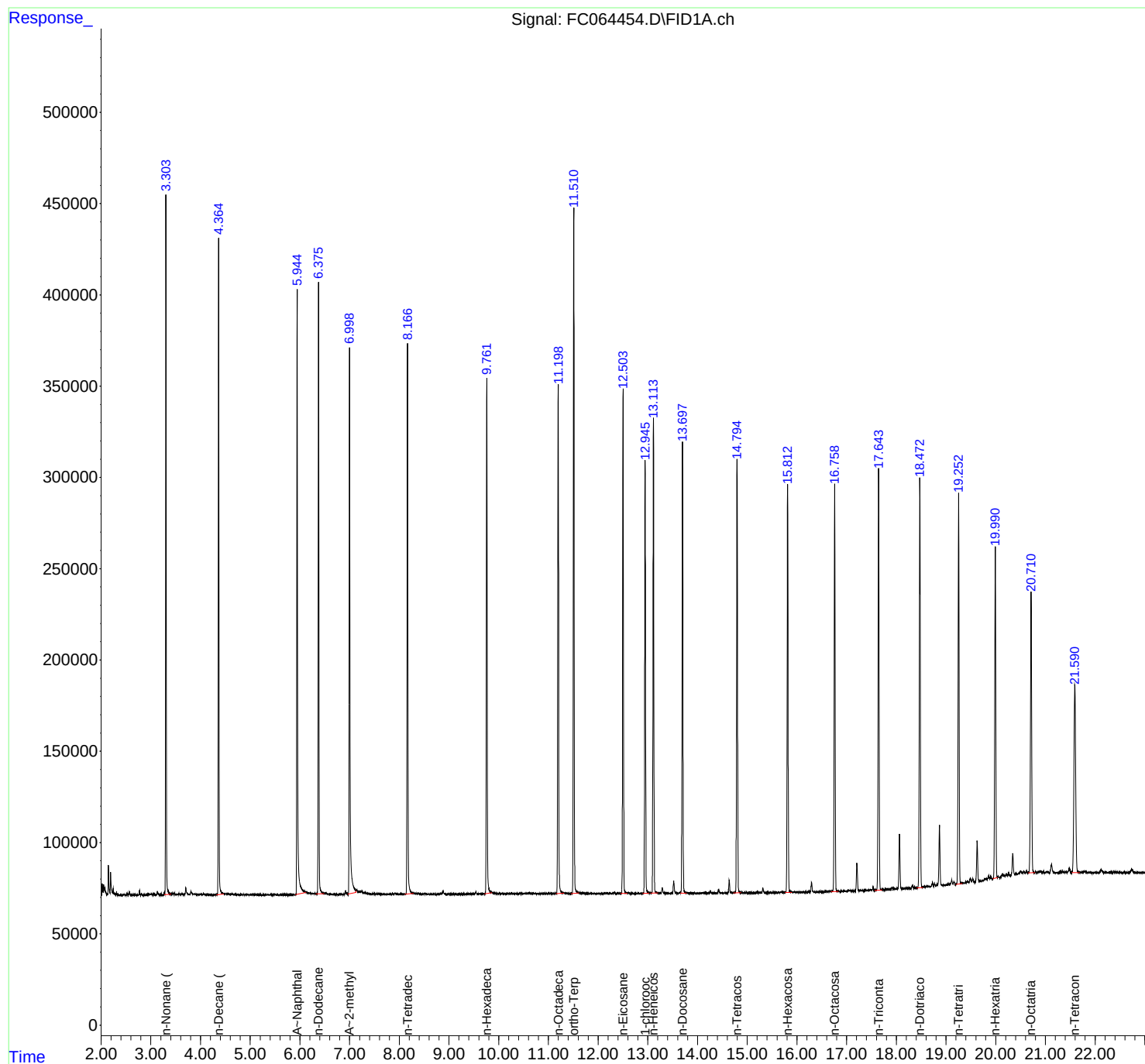
(m)=manual int.

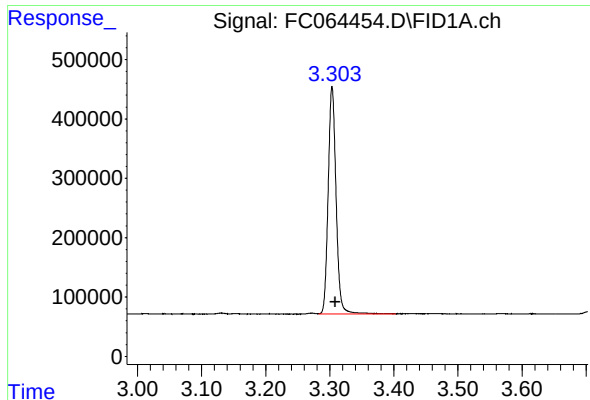
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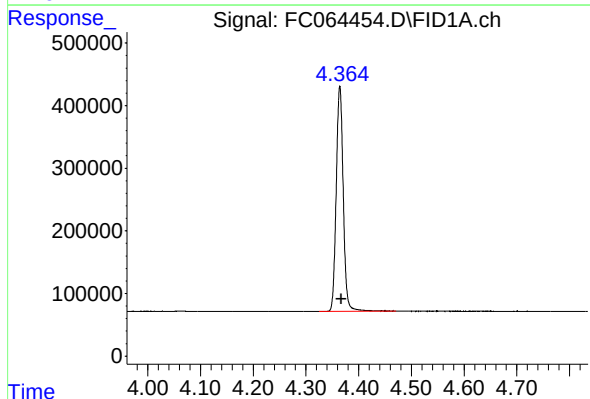




#1 n-Nonane (C9)

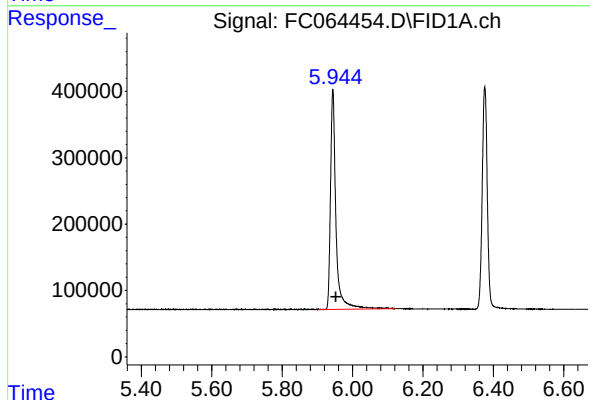
R.T.: 3.304 min
Delta R.T.: -0.005 min
Response: 3285588
Conc: 18.62 ug/ml

Instrument :
FID_C
ClientSampleId :



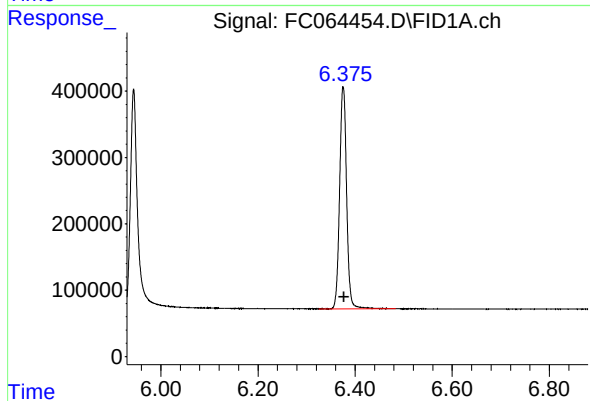
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.002 min
Response: 3329850
Conc: 18.98 ug/ml



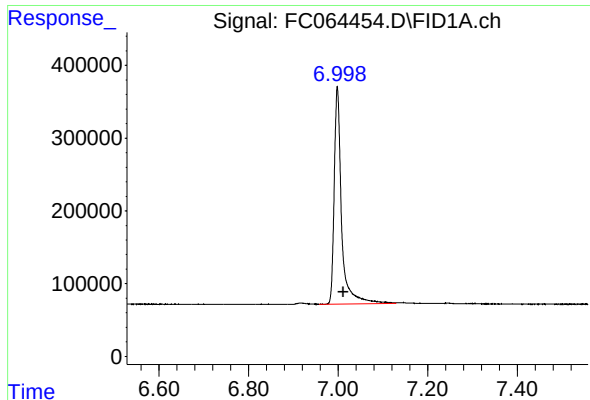
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.009 min
Response: 3559764
Conc: 19.14 ug/ml



#4 n-Dodecane (C12)

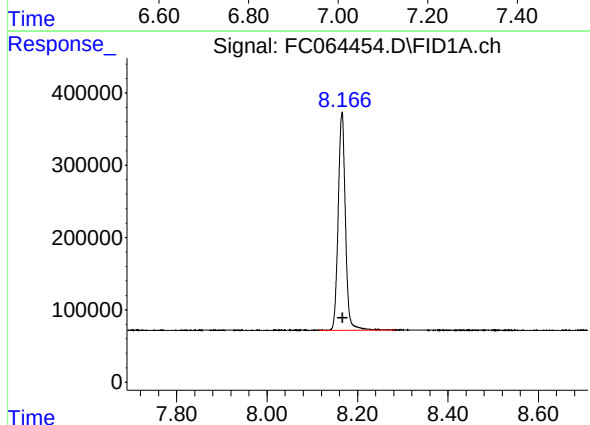
R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 3377305
Conc: 18.95 ug/ml



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

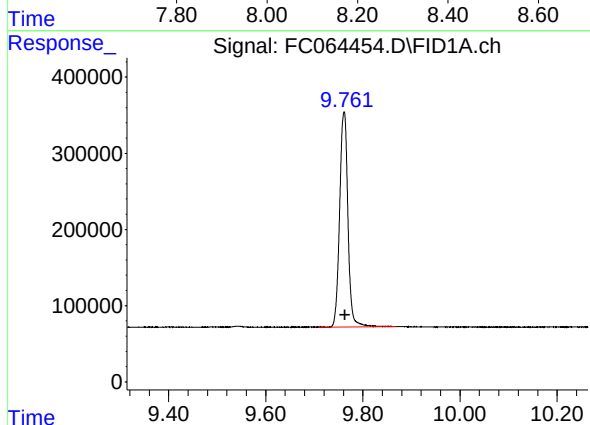
R.T.: 6.998 min
Delta R.T.: -0.013 min
Response: 3433675
Conc: 19.30 ug/ml

Instrument :
FID_C
ClientSampleId :



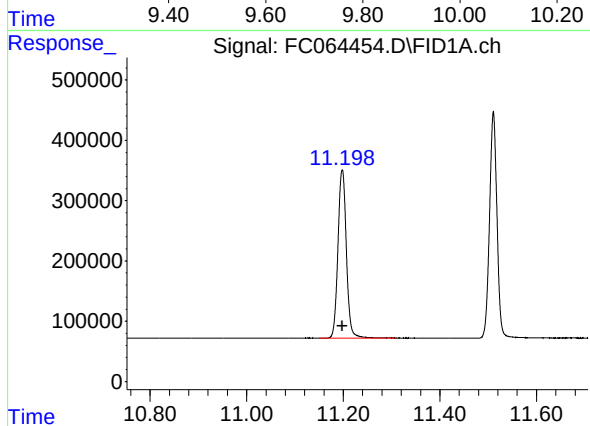
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: -0.002 min
Response: 3329230
Conc: 19.08 ug/ml



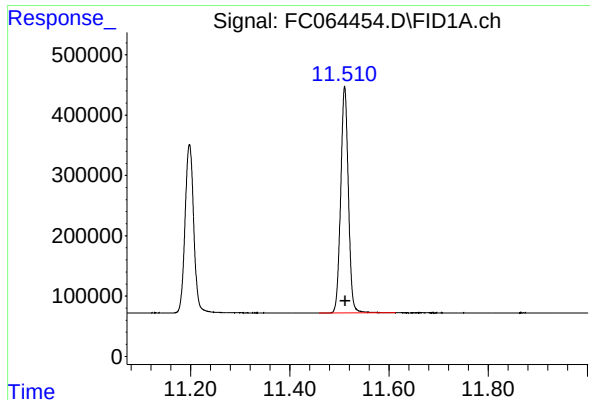
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: -0.002 min
Response: 3359420
Conc: 19.44 ug/ml



#8 n-Octadecane (C18)

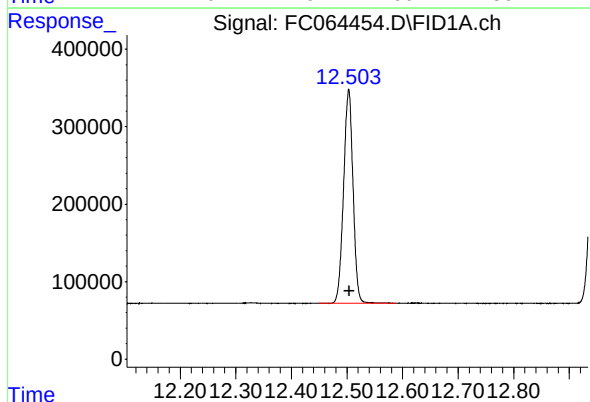
R.T.: 11.198 min
Delta R.T.: 0.000 min
Response: 3390130
Conc: 19.36 ug/ml



#9 ortho-Terphenyl (SURR)

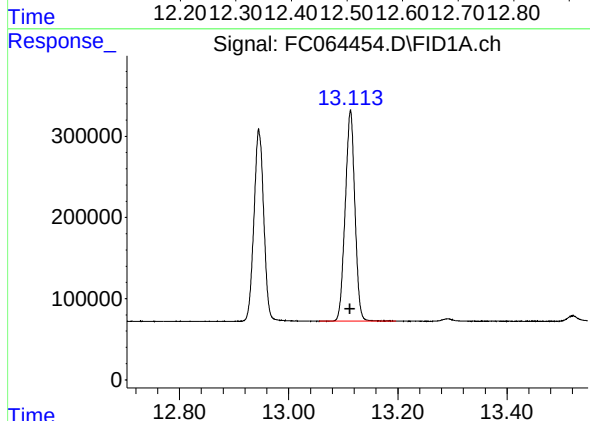
R.T.: 11.511 min
Delta R.T.: -0.001 min
Response: 4029367
Conc: 18.98 ug/ml

Instrument :
FID_C
ClientSampleId :



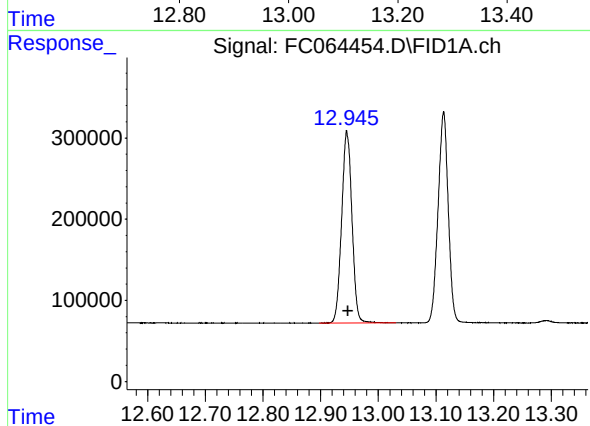
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.000 min
Response: 3259673
Conc: 19.27 ug/ml



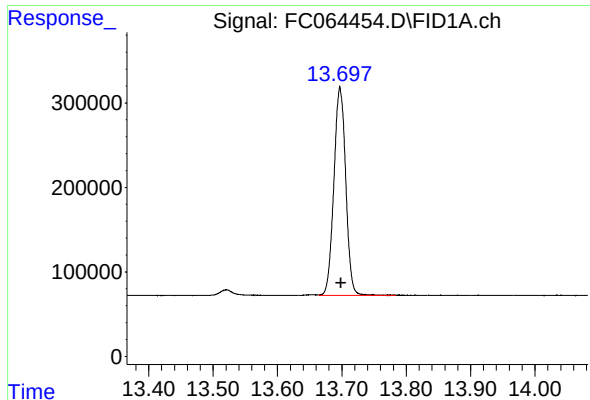
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: 0.000 min
Response: 3188160
Conc: 19.10 ug/ml



#12 1-chlorooctadecane (SURR)

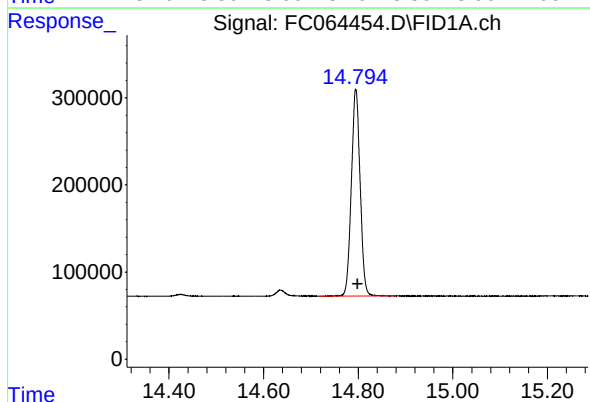
R.T.: 12.946 min
Delta R.T.: -0.002 min
Response: 2943414
Conc: 19.30 ug/ml



#13 n-Docosane (C22)

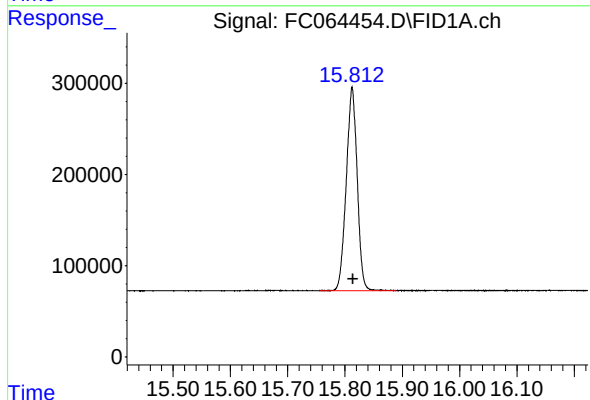
R.T.: 13.697 min
Delta R.T.: -0.001 min
Response: 3143735
Conc: 19.27 ug/ml

Instrument :
FID_C
ClientSampleId :



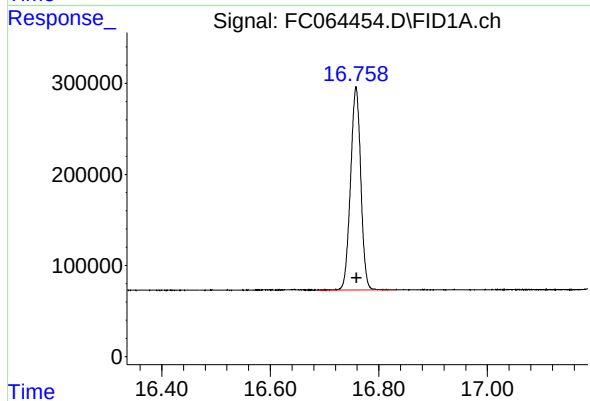
#14 n-Tetracosane (C24)

R.T.: 14.795 min
Delta R.T.: -0.004 min
Response: 3062885
Conc: 19.23 ug/ml



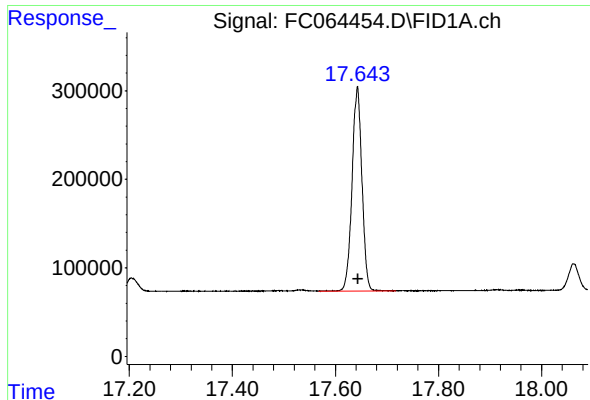
#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: -0.002 min
Response: 2961687
Conc: 19.17 ug/ml



#16 n-Octacosane (C28)

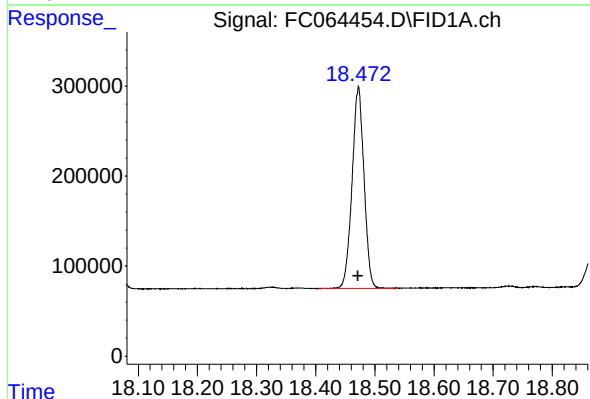
R.T.: 16.758 min
Delta R.T.: 0.000 min
Response: 2915844
Conc: 19.70 ug/ml



#17 n-Tricontane (C30)

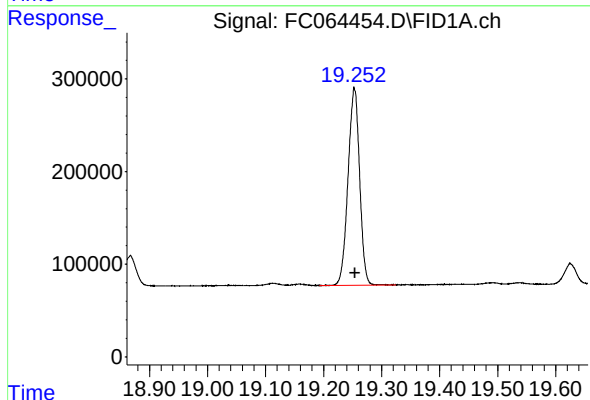
R.T.: 17.643 min
Delta R.T.: -0.001 min
Response: 3071964
Conc: 21.03 ug/ml

Instrument :
FID_C
ClientSampleId :



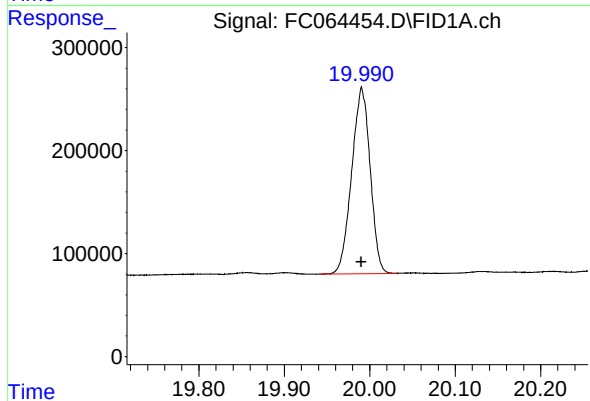
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: 0.000 min
Response: 3137924
Conc: 22.21 ug/ml



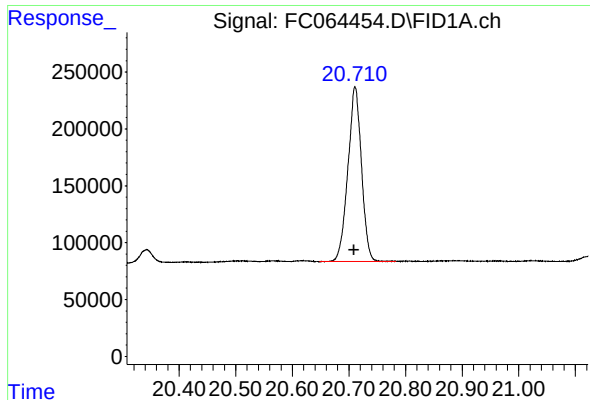
#19 n-Tetatriacontane (C34)

R.T.: 19.253 min
Delta R.T.: 0.000 min
Response: 2955825
Conc: 22.12 ug/ml



#20 n-Hexatriacontane (C36)

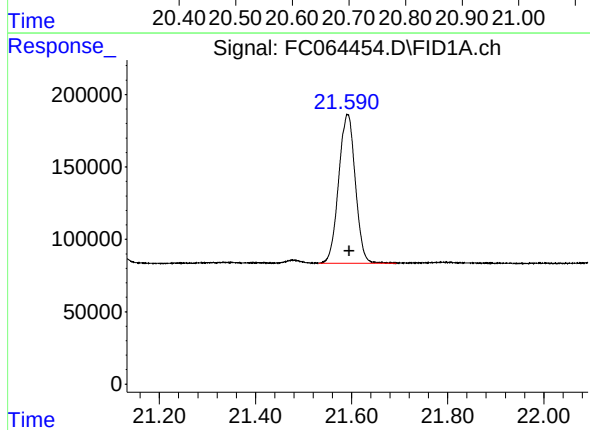
R.T.: 19.991 min
Delta R.T.: 0.000 min
Response: 2714517
Conc: 21.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: 0.002 min
Response: 2558007
Conc: 20.83 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.592 min
Delta R.T.: -0.004 min
Response: 2475418
Conc: 21.32 ug/ml