

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
 Data File : FC064575.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2023 17:01
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 19:30:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 14 19:27:32 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)	11.515	18914231	96.222 ug/ml
Spiked Amount 50.000		Recovery =	192.44%
12) S 1-chlorooctadecane (S...	12.945	13694871	96.375 ug/ml
Spiked Amount 50.000		Recovery =	192.75%
Target Compounds			
1) T n-Nonane (C9)	3.303	16765738	96.750 ug/ml
2) T n-Decane (C10)	4.365	17085115	96.646 ug/ml
3) T A~Naphthalene (C11.7)	5.943	18727091	98.438 ug/ml
4) T n-Dodecane (C12)	6.376	17166903	96.496 ug/ml
5) T A~2-methylnaphthalene...	6.997	17906562	98.391 ug/ml
6) T n-Tetradecane (C14)	8.165	16874460	96.910 ug/ml
7) T n-Hexadecane (C16)	9.763	17151486	97.216 ug/ml
8) T n-Octadecane (C18)	11.202	16959578	96.305 ug/ml
10) T n-Eicosane (C20)	12.504	15863754	96.127 ug/ml
11) T n-Heneicosane (C21)	13.113	15407862	96.016 ug/ml
13) T n-Docosane (C22)	13.698	15093944	95.799 ug/ml
14) T n-Tetracosane (C24)	14.797	14615792	95.508 ug/ml
15) T n-Hexacosane (C26)	15.813	14010816	95.279 ug/ml
16) T n-Octacosane (C28)	16.758	13424716	94.699 ug/ml
17) T n-Tricontane (C30)	17.642	13340085	94.095 ug/ml
18) T n-Dotriacontane (C32)	18.472	12975974	93.704 ug/ml
19) T n-Tetratriacontane (C34)	19.253	12761162	93.903 ug/ml
20) T n-Hexatriacontane (C36)	19.989	12503534	94.416 ug/ml
21) T n-Octatriacontane (C38)	20.711	12531190	94.643 ug/ml
22) T n-Tetracontane (C40)	21.591	12502849	94.827 ug/ml

(f)=RT Delta > 1/2 Window

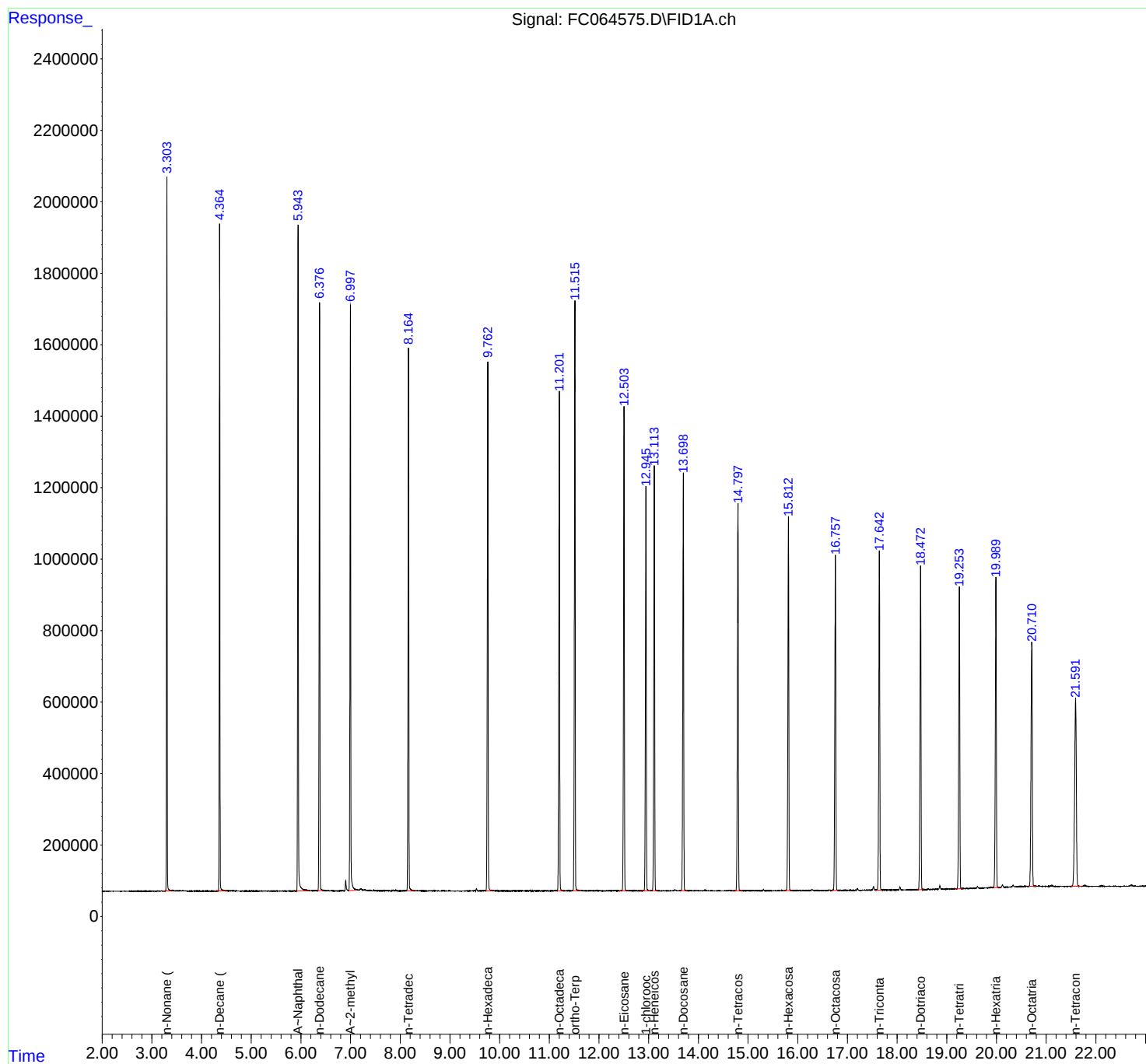
(m)=manual int.

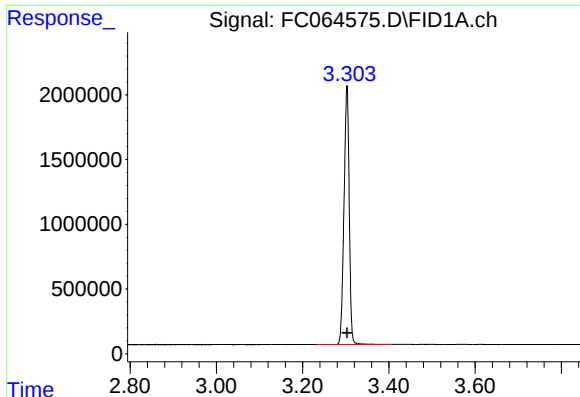
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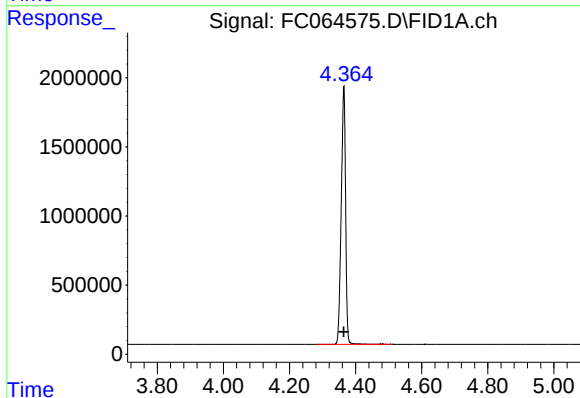




#1 n-Nonane (C9)

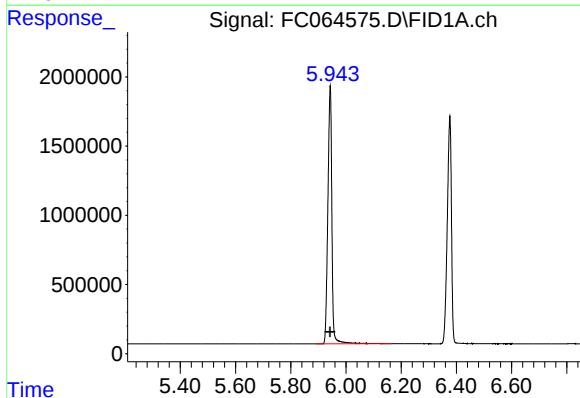
R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 16765738
Conc: 96.75 ug/ml

Instrument :
FID_C
ClientSampleId :



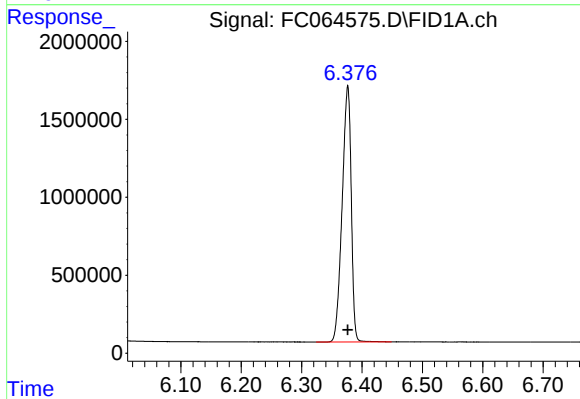
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 17085115
Conc: 96.65 ug/ml



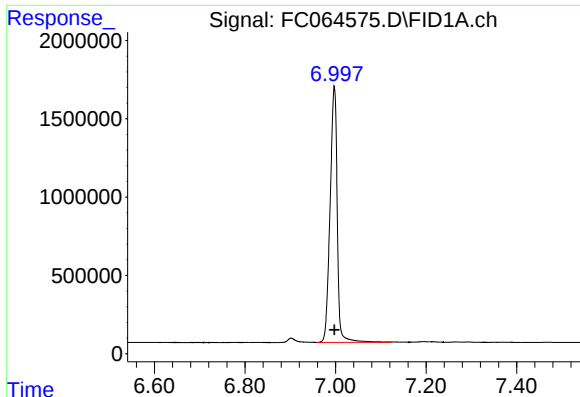
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 18727091
Conc: 98.44 ug/ml



#4 n-Dodecane (C12)

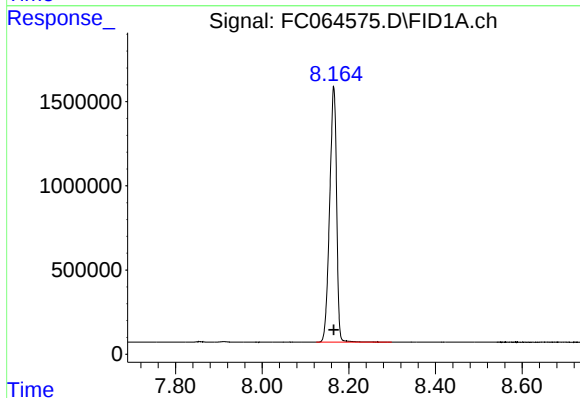
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 17166903
Conc: 96.50 ug/ml



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

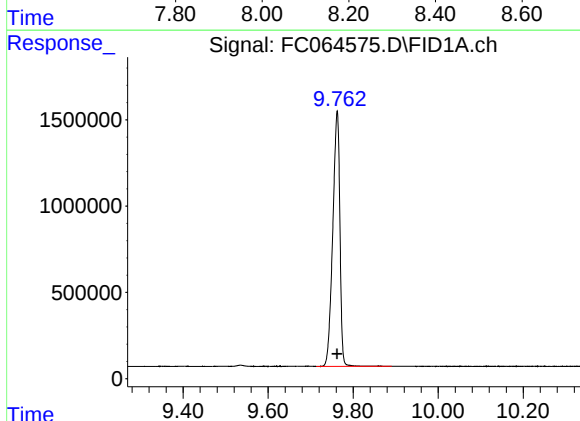
R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 17906562
Conc: 98.39 ug/ml

Instrument :
FID_C
ClientSampleId :



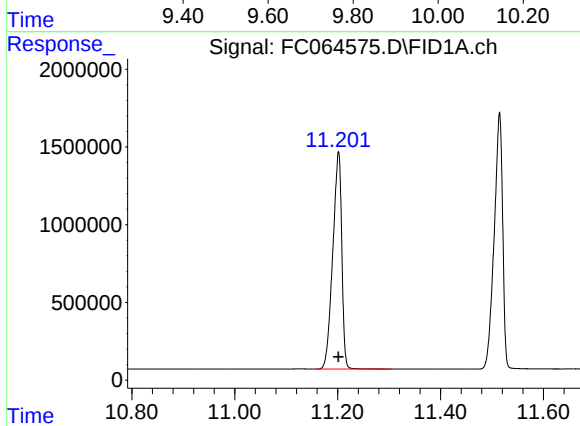
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 16874460
Conc: 96.91 ug/ml



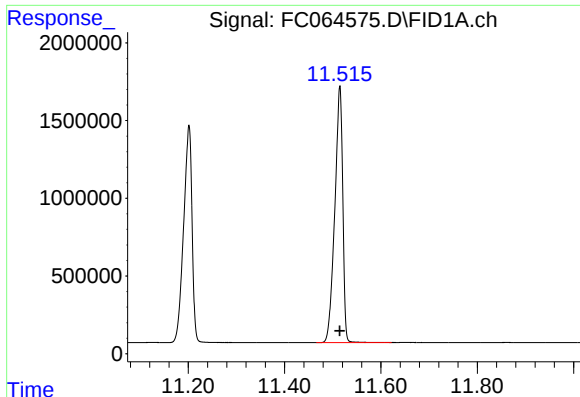
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: 0.000 min
Response: 17151486
Conc: 97.22 ug/ml



#8 n-Octadecane (C18)

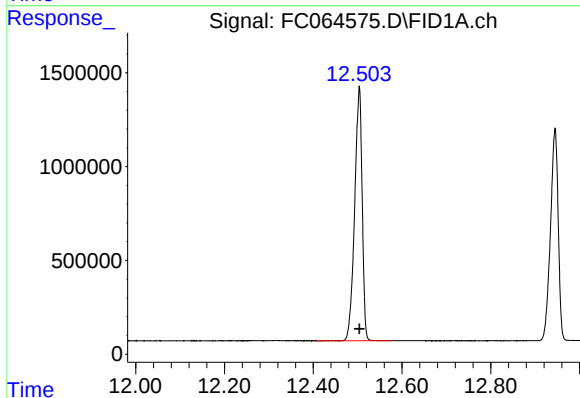
R.T.: 11.202 min
Delta R.T.: 0.000 min
Response: 16959578
Conc: 96.31 ug/ml



#9 ortho-Terphenyl (SURR)

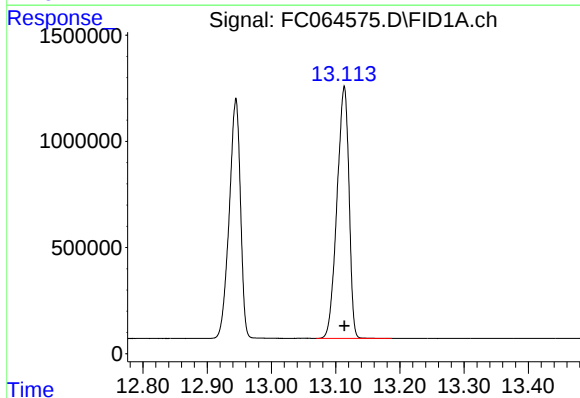
R.T.: 11.515 min
Delta R.T.: 0.000 min
Response: 18914231
Conc: 96.22 ug/ml

Instrument :
FID_C
ClientSampleId :



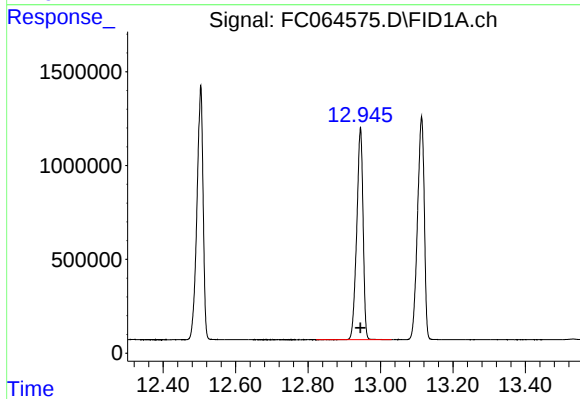
#10 n-Eicosane (C20)

R.T.: 12.504 min
Delta R.T.: 0.000 min
Response: 15863754
Conc: 96.13 ug/ml



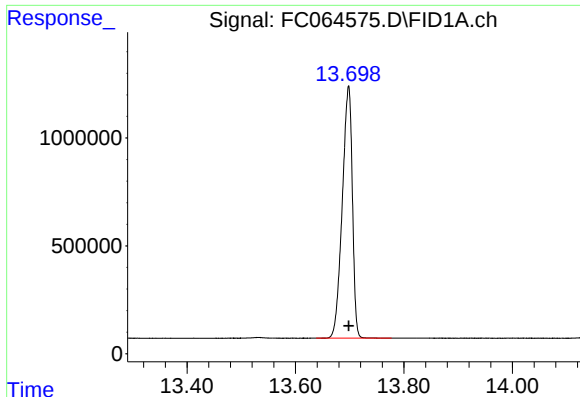
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: 0.000 min
Response: 15407862
Conc: 96.02 ug/ml



#12 1-chlorooctadecane (SURR)

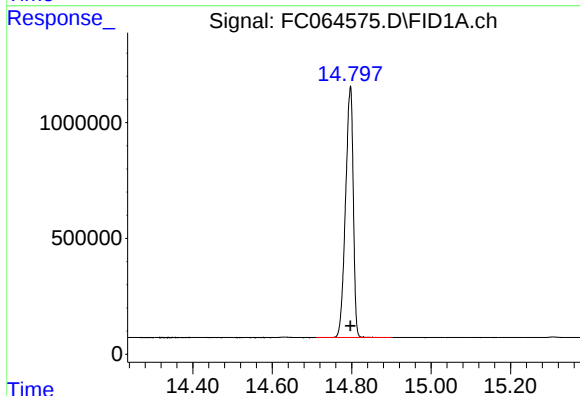
R.T.: 12.945 min
Delta R.T.: 0.000 min
Response: 13694871
Conc: 96.37 ug/ml



#13 n-Docosane (C22)

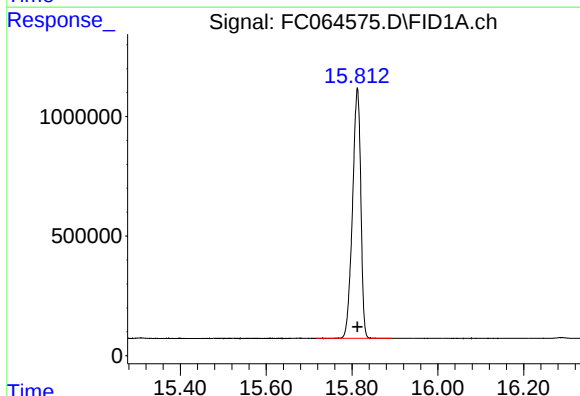
R.T.: 13.698 min
Delta R.T.: 0.000 min
Response: 15093944
Conc: 95.80 ug/ml

Instrument :
FID_C
ClientSampleId :



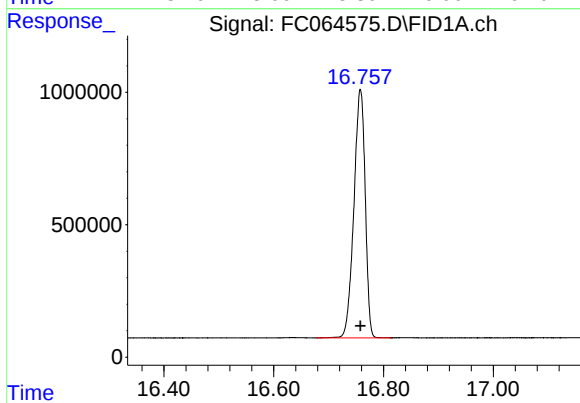
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: 0.000 min
Response: 14615792
Conc: 95.51 ug/ml



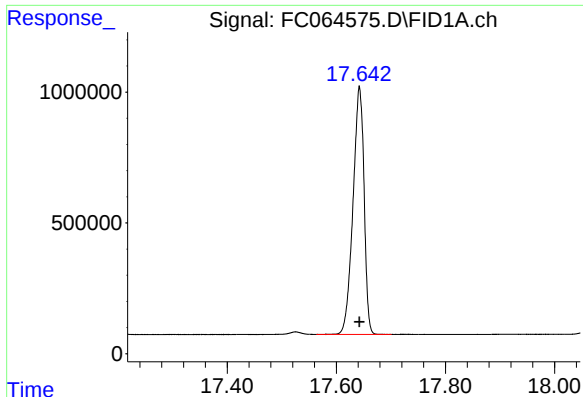
#15 n-Hexacosane (C26)

R.T.: 15.813 min
Delta R.T.: 0.000 min
Response: 14010816
Conc: 95.28 ug/ml



#16 n-Octacosane (C28)

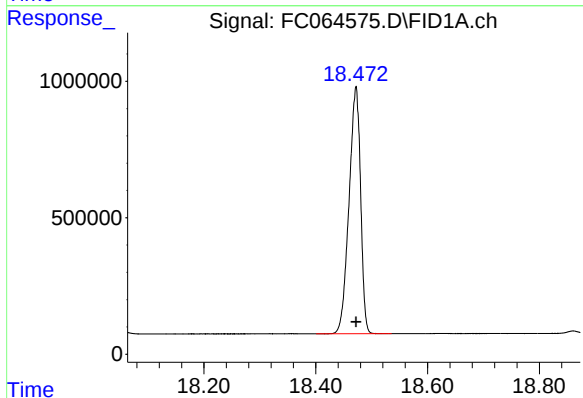
R.T.: 16.758 min
Delta R.T.: 0.000 min
Response: 13424716
Conc: 94.70 ug/ml



#17 n-Tricontane (C30)

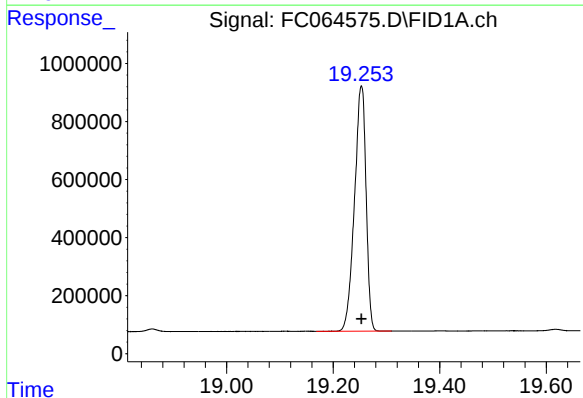
R.T.: 17.642 min
Delta R.T.: 0.000 min
Response: 13340085
Conc: 94.09 ug/ml

Instrument :
FID_C
ClientSampleId :



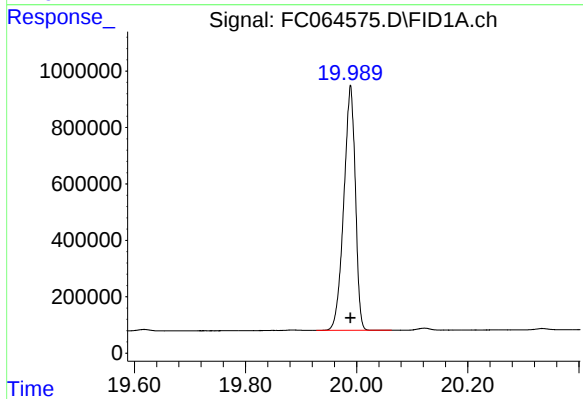
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: 0.000 min
Response: 12975974
Conc: 93.70 ug/ml



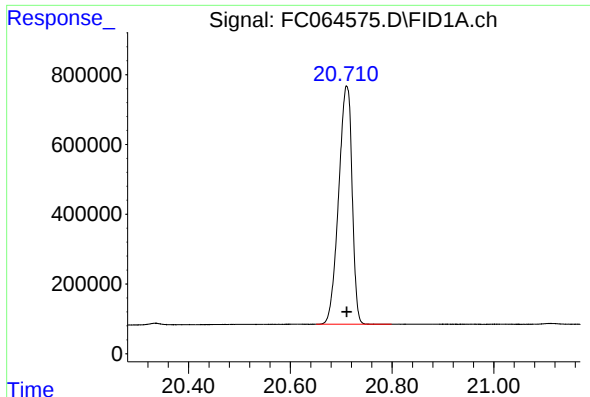
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: 0.000 min
Response: 12761162
Conc: 93.90 ug/ml



#20 n-Hexatriacontane (C36)

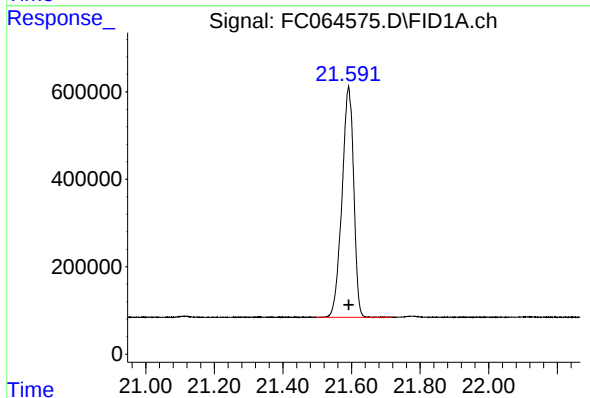
R.T.: 19.989 min
Delta R.T.: 0.000 min
Response: 12503534
Conc: 94.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: 0.000 min
Response: 12531190
Conc: 94.64 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: 0.000 min
Response: 12502849
Conc: 94.83 ug/ml