

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC123124AL\
 Data File : FC068080.D
 Signal(s) : FID1A.ch
 Acq On : 31 Dec 2024 09:12
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 31 11:12:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 11:12:13 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)	11.445	14188601	95.906 ug/ml
Spiked Amount 50.000		Recovery =	191.81%
12) S 1-chlorooctadecane (S...	12.882	10546908	96.096 ug/ml
Spiked Amount 50.000		Recovery =	192.19%
Target Compounds			
1) T n-Nonane (C9)	3.240	12681298	96.169 ug/ml
2) T n-Decane (C10)	4.300	12838813	96.301 ug/ml
3) T A~Naphthalene (C11.7)	5.871	14174395	96.843 ug/ml
4) T n-Dodecane (C12)	6.310	12821265	96.179 ug/ml
5) T A~2-methylnaphthalene...	6.925	13693772	97.036 ug/ml
6) T n-Tetradecane (C14)	8.100	12536957	96.068 ug/ml
7) T n-Hexadecane (C16)	9.696	12747819	96.095 ug/ml
8) T n-Octadecane (C18)	11.136	12706753	95.741 ug/ml
10) T n-Eicosane (C20)	12.442	12075809	95.718 ug/ml
11) T n-Heneicosane (C21)	13.052	11828028	95.657 ug/ml
13) T n-Docosane (C22)	13.636	11703326	95.764 ug/ml
14) T n-Tetracosane (C24)	14.737	11545960	95.827 ug/ml
15) T n-Hexacosane (C26)	15.755	11275858	95.859 ug/ml
16) T n-Octacosane (C28)	16.704	10943546	95.871 ug/ml
17) T n-Tricontane (C30)	17.589	10941194	95.920 ug/ml
18) T n-Dotriacontane (C32)	18.419	10422390	96.043 ug/ml
19) T n-Tetratriacontane (C34)	19.201	9215465	96.375 ug/ml
20) T n-Hexatriacontane (C36)	19.940	8105685	96.652 ug/ml
21) T n-Octatriacontane (C38)	20.654	7745759	96.882 ug/ml
22) T n-Tetracontane (C40)	21.520	7636363	97.174 ug/ml

(f)=RT Delta > 1/2 Window

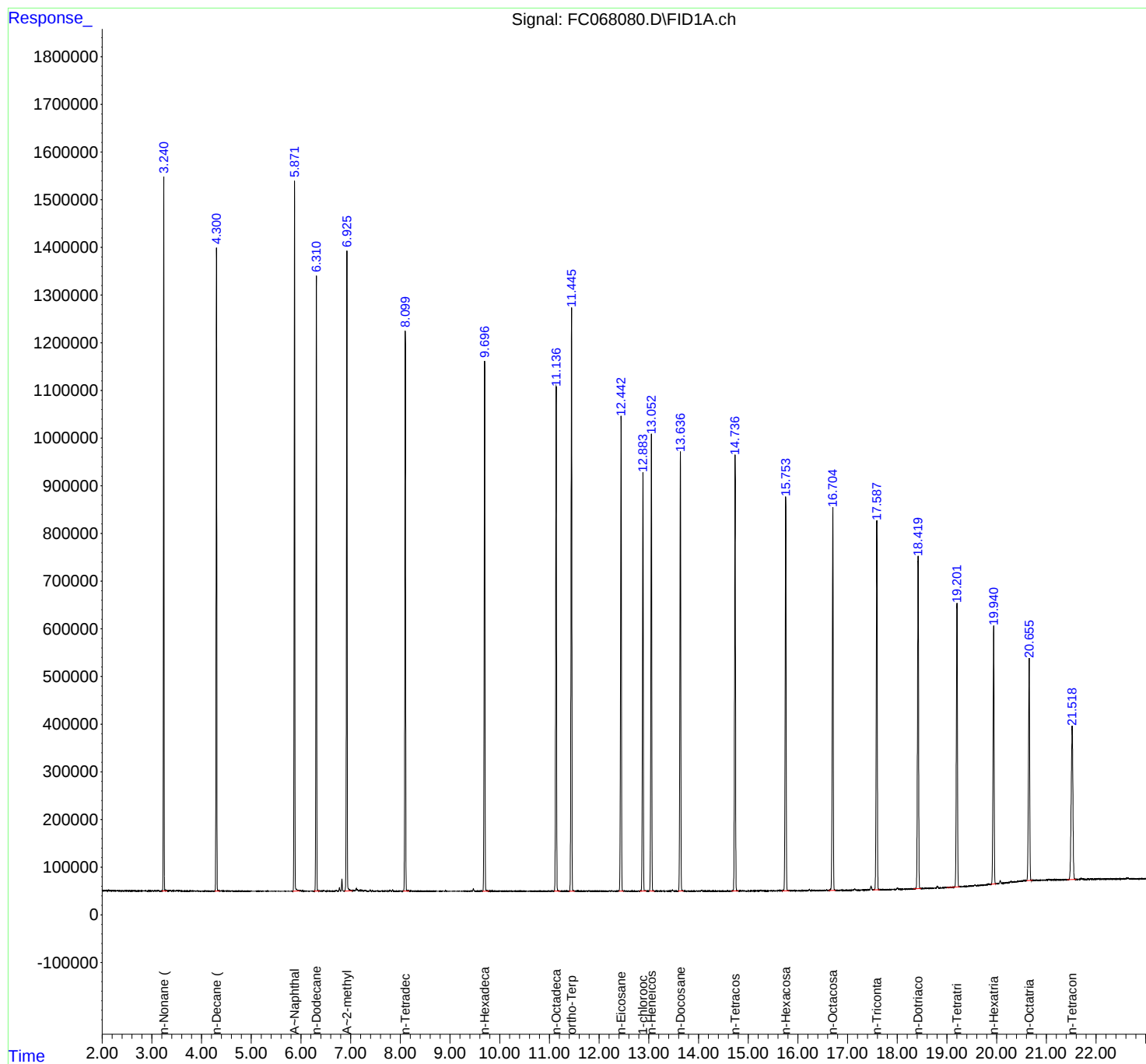
(m)=manual int.

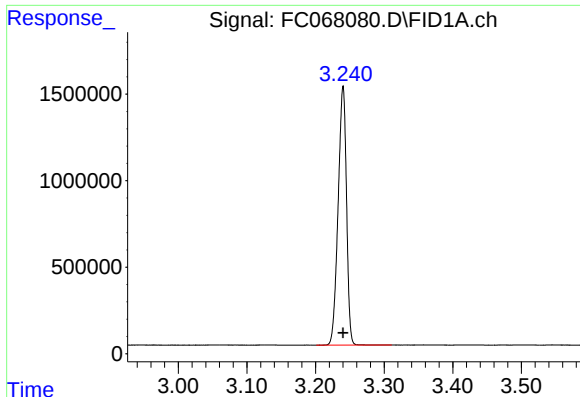
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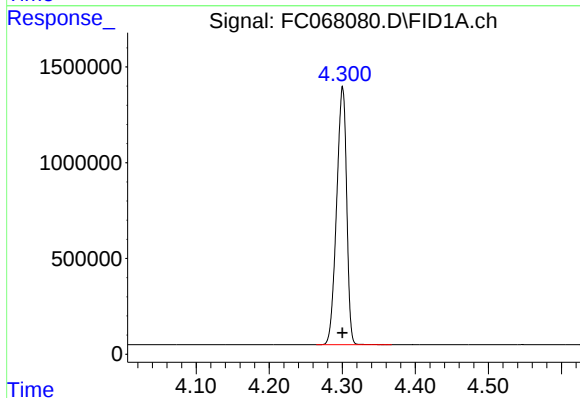




#1 n-Nonane (C9)

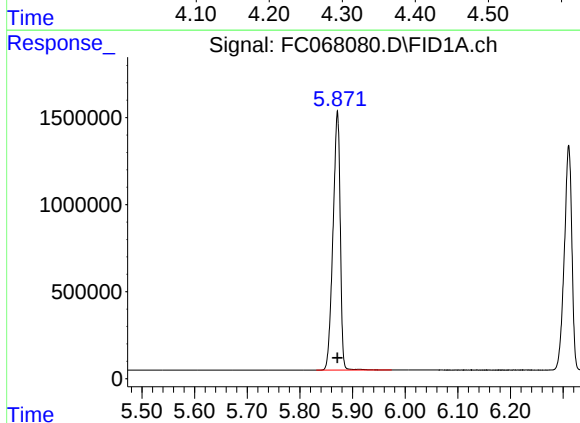
R.T.: 3.240 min
Delta R.T.: 0.000 min
Response: 12681298
Conc: 96.17 ug/ml

Instrument :
FID_C
ClientSampleId :



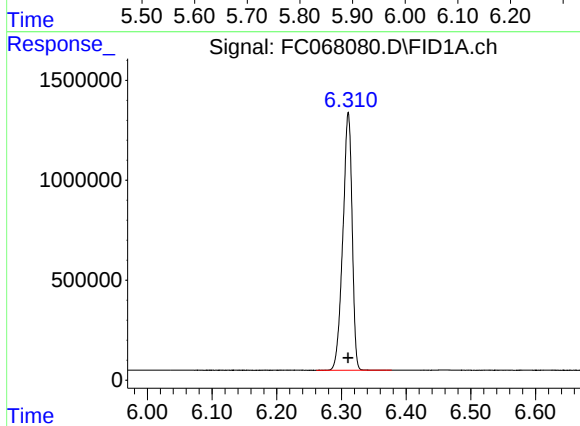
#2 n-Decane (C10)

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 12838813
Conc: 96.30 ug/ml



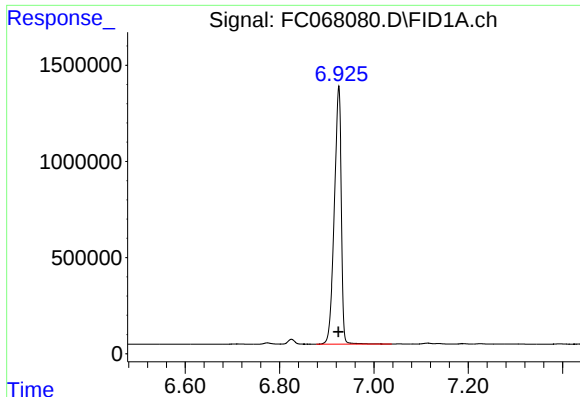
#3 A~Naphthalene (C11.7)

R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 14174395
Conc: 96.84 ug/ml



#4 n-Dodecane (C12)

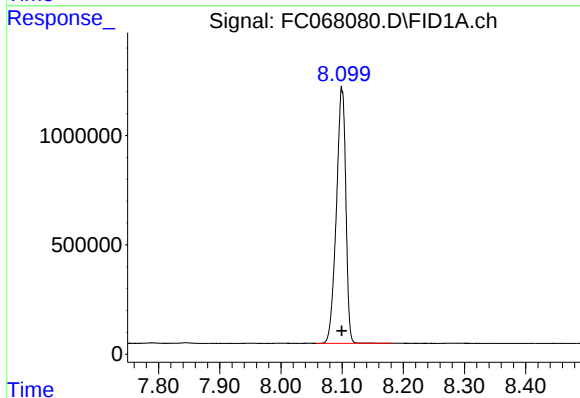
R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 12821265
Conc: 96.18 ug/ml



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

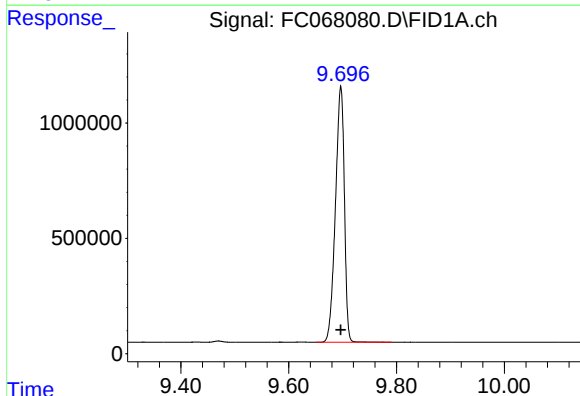
R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 13693772
Conc: 97.04 ug/ml

Instrument :
FID_C
ClientSampleId :



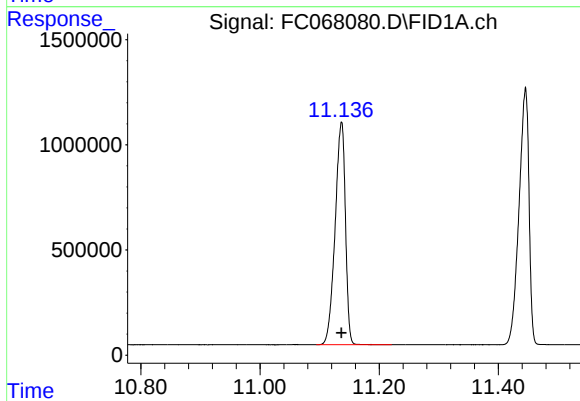
#6 n-Tetradecane (C14)

R.T.: 8.100 min
Delta R.T.: 0.000 min
Response: 12536957
Conc: 96.07 ug/ml



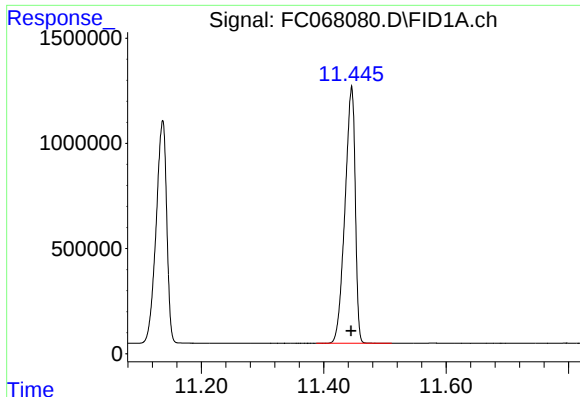
#7 n-Hexadecane (C16)

R.T.: 9.696 min
Delta R.T.: 0.000 min
Response: 12747819
Conc: 96.10 ug/ml



#8 n-Octadecane (C18)

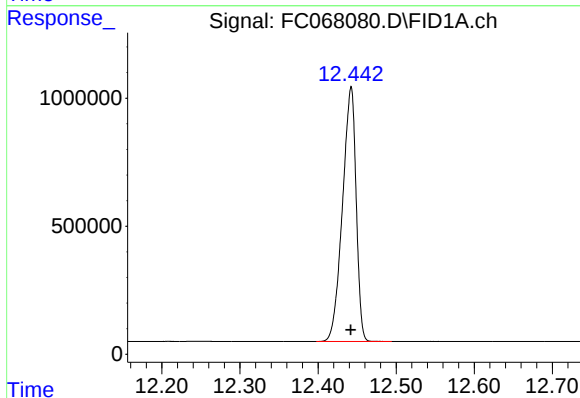
R.T.: 11.136 min
Delta R.T.: 0.000 min
Response: 12706753
Conc: 95.74 ug/ml



#9 ortho-Terphenyl (SURR)

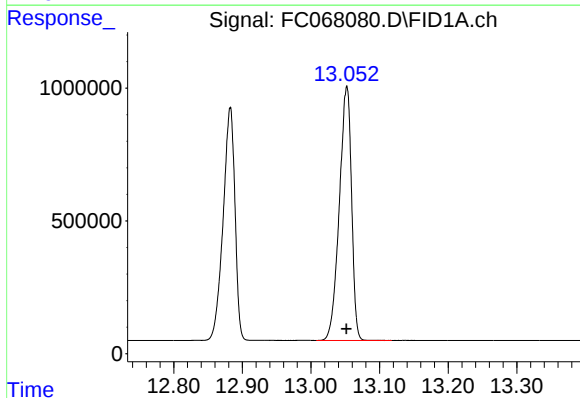
R.T.: 11.445 min
Delta R.T.: 0.000 min
Response: 14188601
Conc: 95.91 ug/ml

Instrument :
FID_C
ClientSampleId :



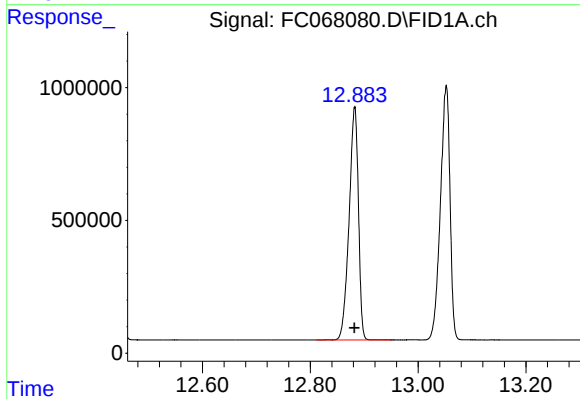
#10 n-Eicosane (C20)

R.T.: 12.442 min
Delta R.T.: 0.000 min
Response: 12075809
Conc: 95.72 ug/ml



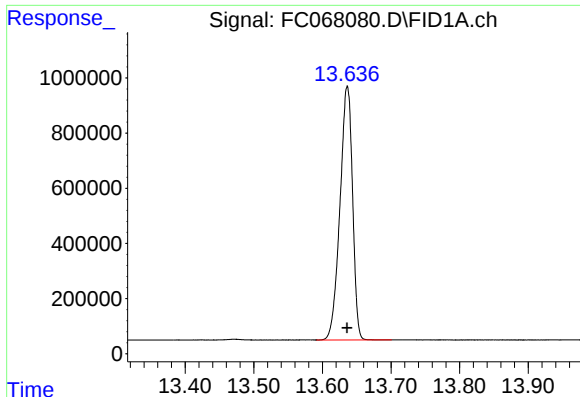
#11 n-Heneicosane (C21)

R.T.: 13.052 min
Delta R.T.: 0.000 min
Response: 11828028
Conc: 95.66 ug/ml



#12 1-chlorooctadecane (SURR)

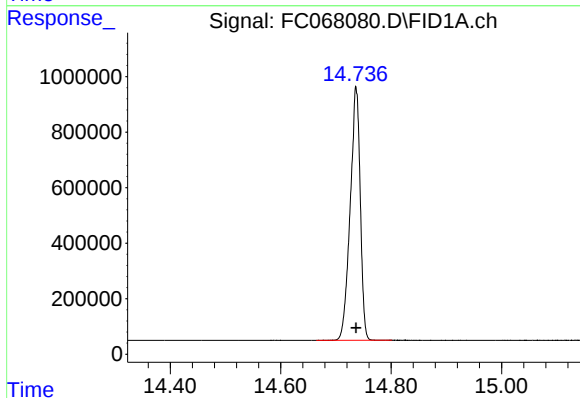
R.T.: 12.882 min
Delta R.T.: 0.000 min
Response: 10546908
Conc: 96.10 ug/ml



#13 n-Docosane (C22)

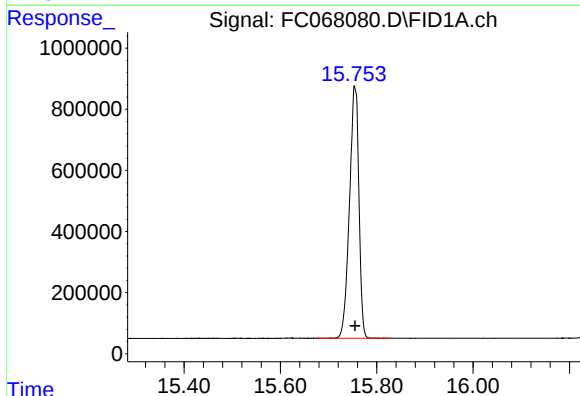
R.T.: 13.636 min
Delta R.T.: 0.000 min
Response: 11703326
Conc: 95.76 ug/ml

Instrument :
FID_C
ClientSampleId :



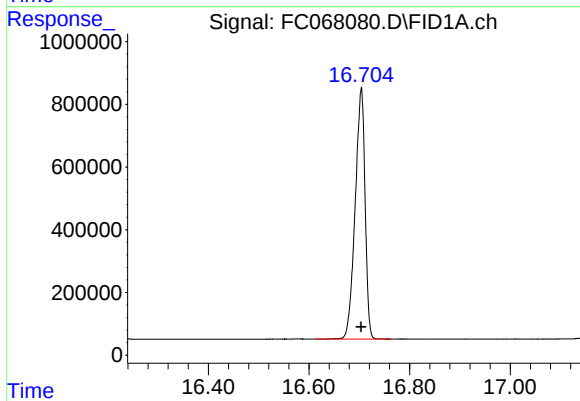
#14 n-Tetracosane (C24)

R.T.: 14.737 min
Delta R.T.: 0.000 min
Response: 11545960
Conc: 95.83 ug/ml



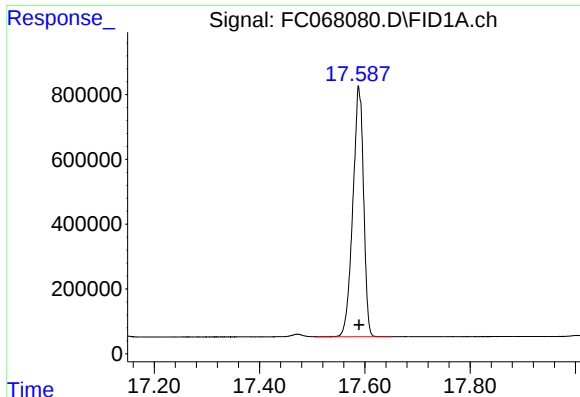
#15 n-Hexacosane (C26)

R.T.: 15.755 min
Delta R.T.: 0.000 min
Response: 11275858
Conc: 95.86 ug/ml



#16 n-Octacosane (C28)

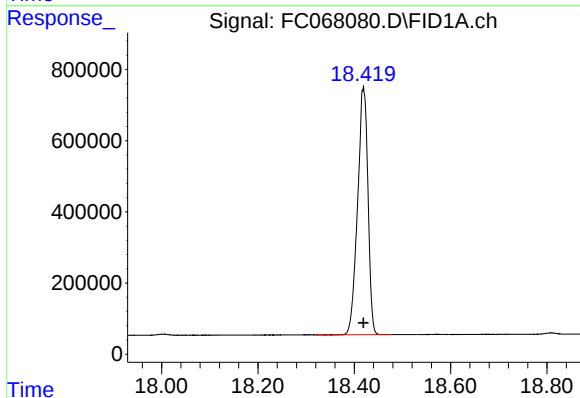
R.T.: 16.704 min
Delta R.T.: 0.000 min
Response: 10943546
Conc: 95.87 ug/ml



#17 n-Tricontane (C30)

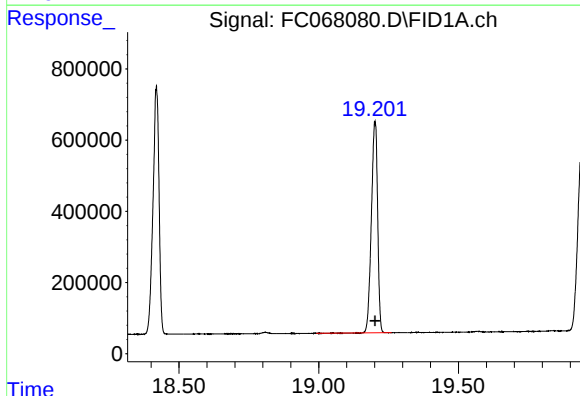
R.T.: 17.589 min
Delta R.T.: 0.000 min
Response: 10941194
Conc: 95.92 ug/ml

Instrument :
FID_C
ClientSampleId :



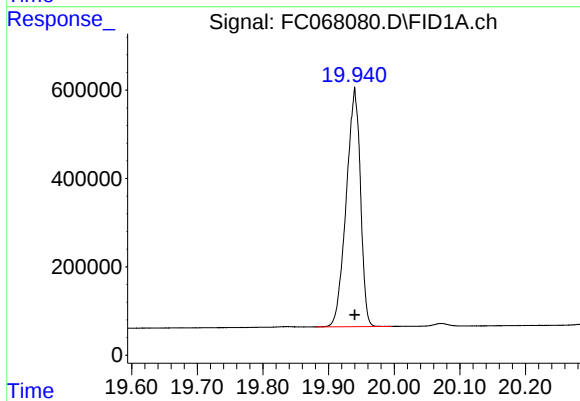
#18 n-Dotriacontane (C32)

R.T.: 18.419 min
Delta R.T.: 0.000 min
Response: 10422390
Conc: 96.04 ug/ml



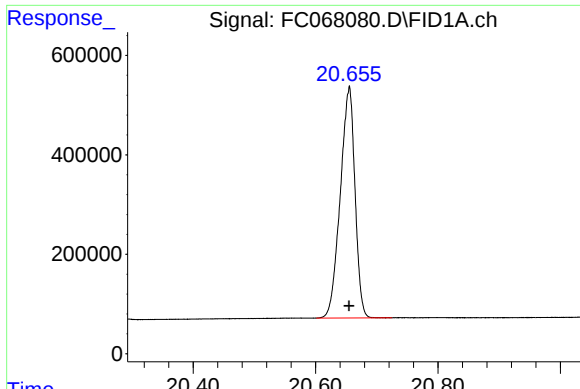
#19 n-Tetratriacontane (C34)

R.T.: 19.201 min
Delta R.T.: 0.000 min
Response: 9215465
Conc: 96.38 ug/ml



#20 n-Hexatriacontane (C36)

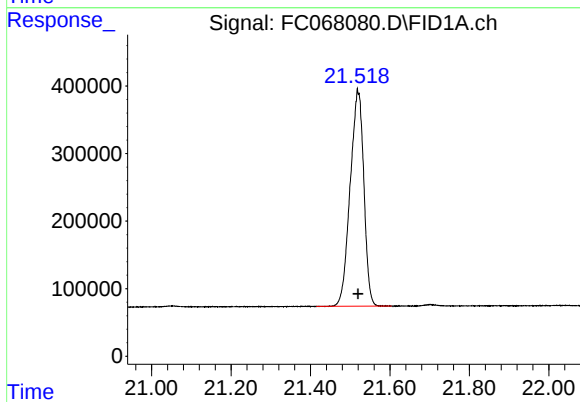
R.T.: 19.940 min
Delta R.T.: 0.000 min
Response: 8105685
Conc: 96.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.654 min
Delta R.T.: 0.000 min
Response: 7745759
Conc: 96.88 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.520 min
Delta R.T.: 0.000 min
Response: 7636363
Conc: 97.17 ug/ml