

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041825AL\
 Data File : FC068642.D
 Signal(s) : FID1A.ch
 Acq On : 18 Apr 2025 20:28
 Operator : YP/AJ
 Sample : Q1828-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 RT4643MS

Integration File: autoint1.e
 Quant Time: Apr 19 00:26:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 2025
 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)	11.719	3939759	30.939 ug/ml
Spiked Amount 50.000		Recovery =	61.88%
12) S 1-chlorooctadecane (S...	13.153	2992085	32.210 ug/ml
Spiked Amount 50.000		Recovery =	64.42%
Target Compounds			
1) T n-Nonane (C9)	3.449	3082383	29.266 ug/ml
2) T n-Decane (C10)	4.524	3377776	32.059 ug/ml
3) T A~Naphthalene (C11.7)	6.121	3951587	33.931 ug/ml
4) T n-Dodecane (C12)	6.549	3437640	32.689 ug/ml
5) T A~2-methylnaphthalene...	7.179	3650048	31.603 ug/ml
6) T n-Tetradecane (C14)	8.348	3512572	34.168 ug/ml
7) T n-Hexadecane (C16)	9.950	3662824	35.966 ug/ml
8) T n-Octadecane (C18)	11.395	3748935	37.254 ug/ml
10) T n-Eicosane (C20)	12.707	3875718	39.403 ug/ml
11) T n-Heneicosane (C21)	13.319	3713484	38.104 ug/ml
13) T n-Docosane (C22)	13.907	3700807	38.313 ug/ml
14) T n-Tetracosane (C24)	15.005	7923416	83.243 ug/ml
15) T n-Hexacosane (C26)	16.036	3629788	38.861 ug/ml
16) T n-Octacosane (C28)	16.986	3751489	40.974 ug/ml
17) T n-Tricontane (C30)	17.878	3725081	40.520 ug/ml
18) T n-Dotriacontane (C32)	18.710	3729421	40.657 ug/ml
19) T n-Tetratriacontane (C34)	19.497	3684077	41.237 ug/ml
20) T n-Hexatriacontane (C36)	20.237	3480535	38.854 ug/ml
21) T n-Octatriacontane (C38)	21.015	3413531	38.609 ug/ml
22) T n-Tetracontane (C40)	21.997	3367553	38.135 ug/ml

(f)=RT Delta > 1/2 Window

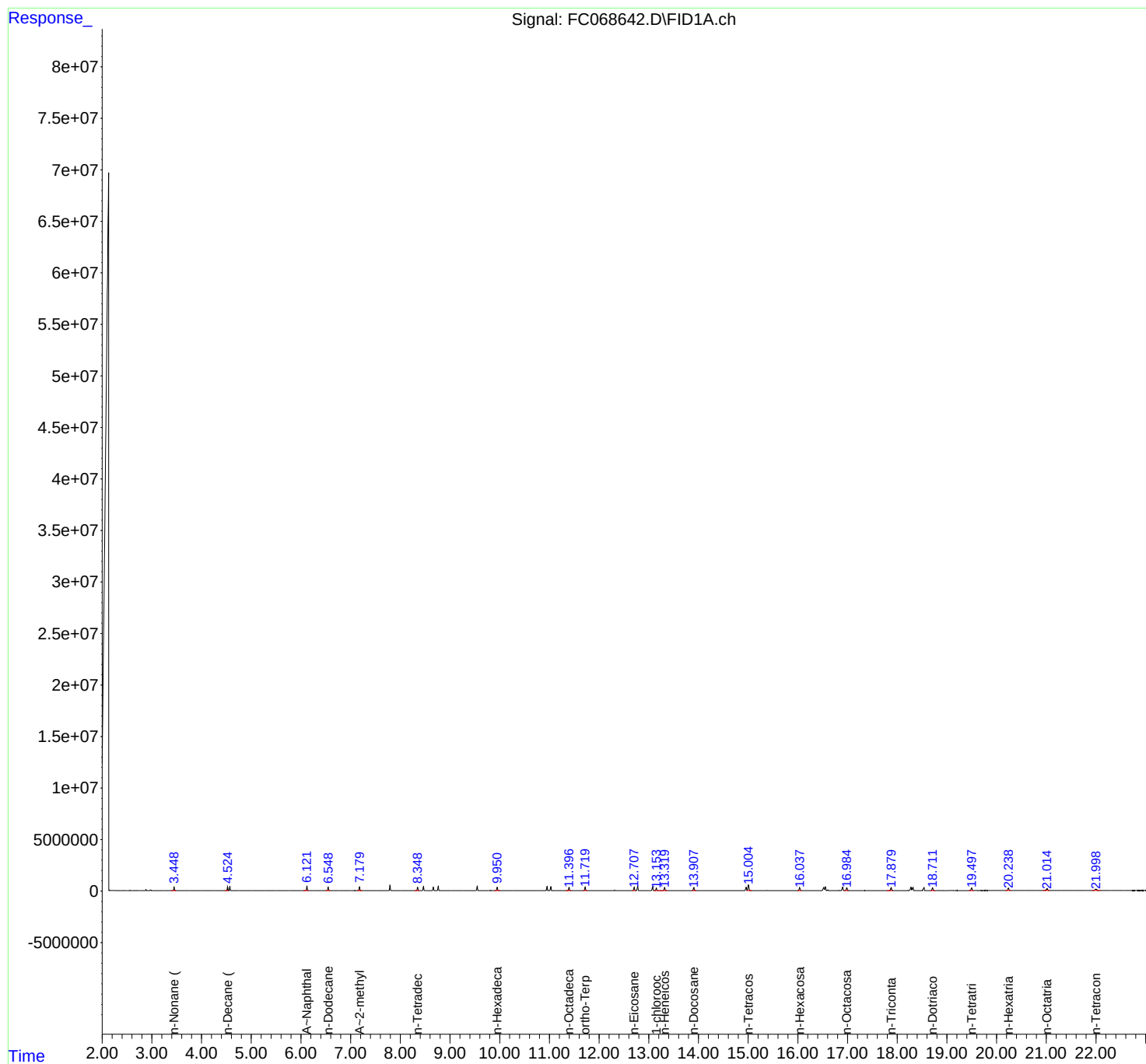
(m)=manual int.

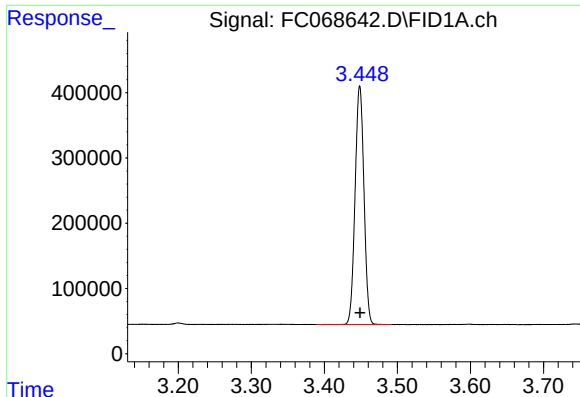
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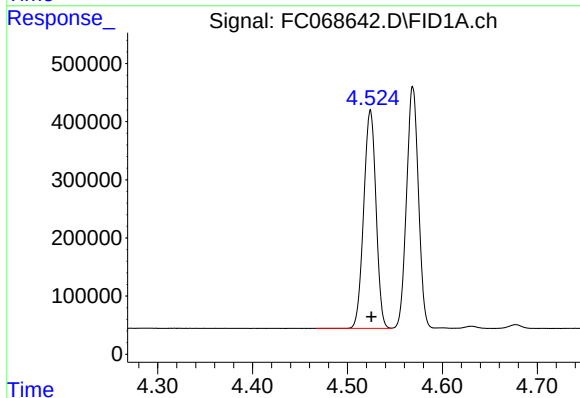




#1 n-Nonane (C9)

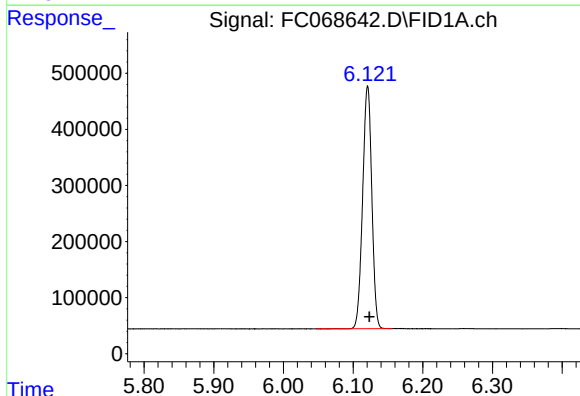
R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 3082383
Conc: 29.27 ug/ml

Instrument :
FID_C
ClientSampleId :
RT4643MS



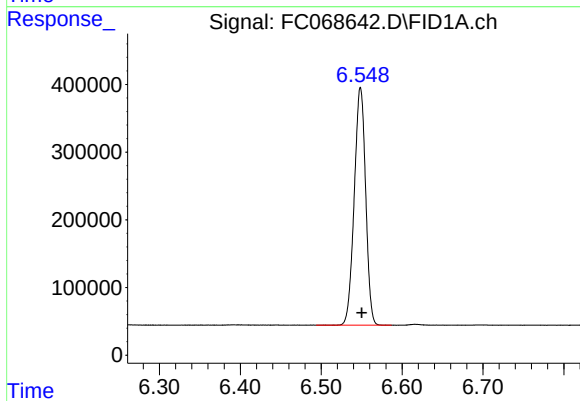
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 3377776
Conc: 32.06 ug/ml



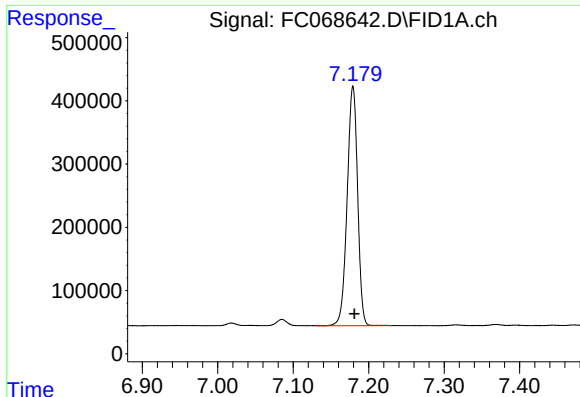
#3 A~Naphthalene (C11.7)

R.T.: 6.121 min
Delta R.T.: -0.003 min
Response: 3951587
Conc: 33.93 ug/ml



#4 n-Dodecane (C12)

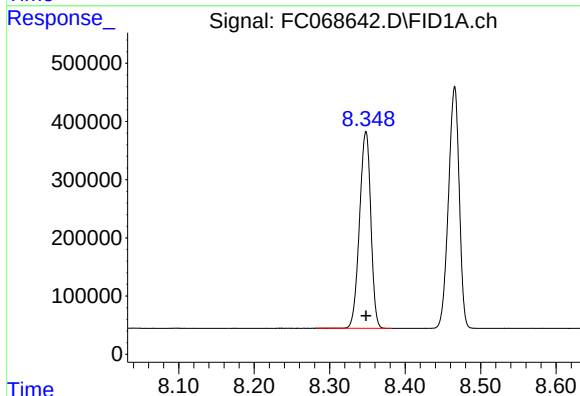
R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 3437640
Conc: 32.69 ug/ml



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

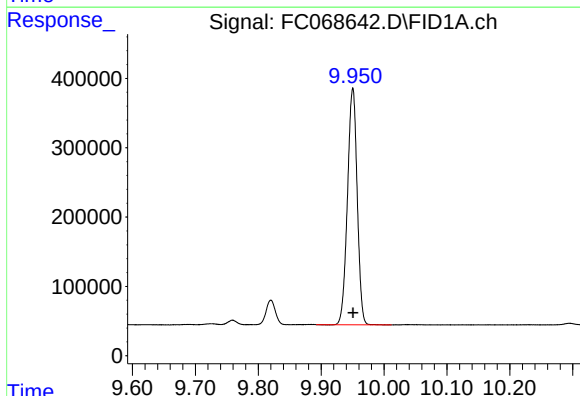
R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 3650048
Conc: 31.60 ug/ml

Instrument :
FID_C
ClientSampleId :
RT4643MS



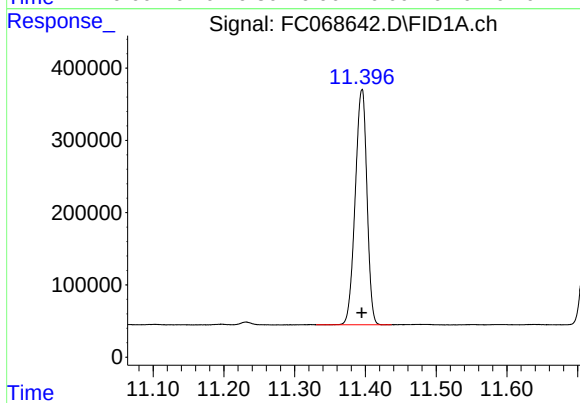
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 3512572
Conc: 34.17 ug/ml



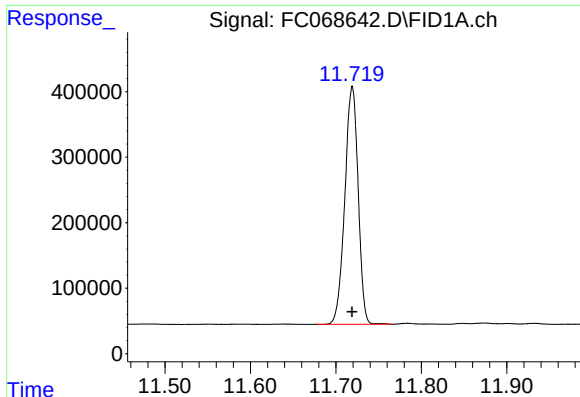
#7 n-Hexadecane (C16)

R.T.: 9.950 min
Delta R.T.: 0.000 min
Response: 3662824
Conc: 35.97 ug/ml



#8 n-Octadecane (C18)

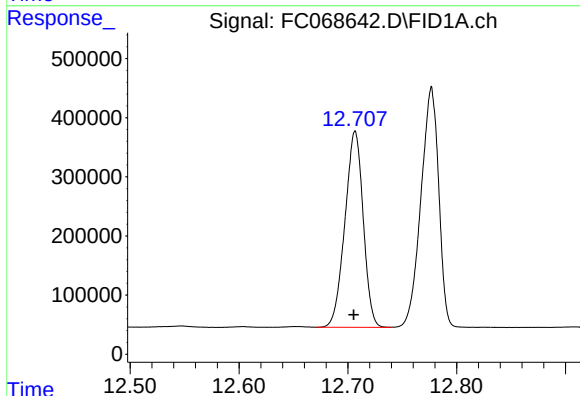
R.T.: 11.395 min
Delta R.T.: 0.000 min
Response: 3748935
Conc: 37.25 ug/ml



#9 ortho-Terphenyl (SURR)

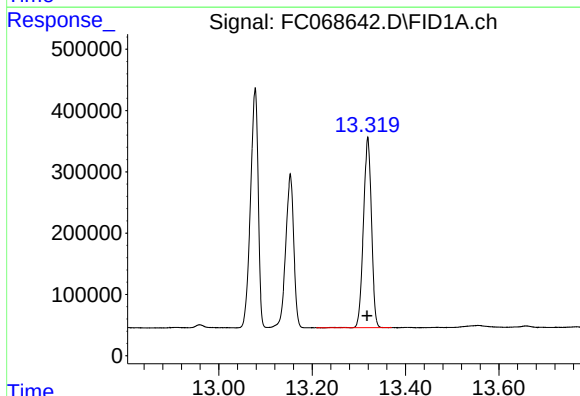
R.T.: 11.719 min
Delta R.T.: 0.000 min
Response: 3939759
Conc: 30.94 ug/ml

Instrument :
FID_C
ClientSampleId :
RT4643MS



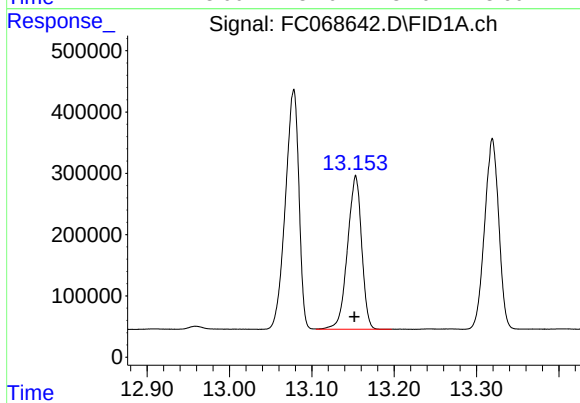
#10 n-Eicosane (C20)

R.T.: 12.707 min
Delta R.T.: 0.001 min
Response: 3875718
Conc: 39.40 ug/ml



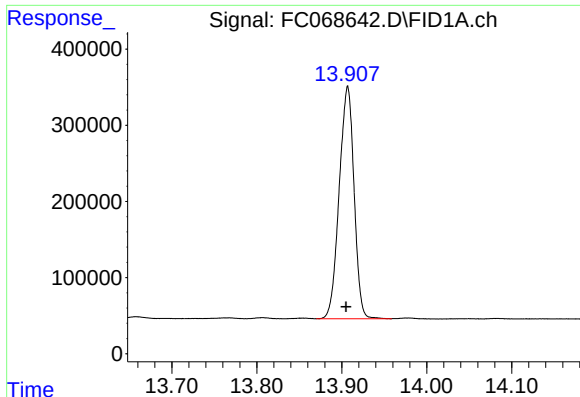
#11 n-Heneicosane (C21)

R.T.: 13.319 min
Delta R.T.: 0.001 min
Response: 3713484
Conc: 38.10 ug/ml



#12 1-chlorooctadecane (SURR)

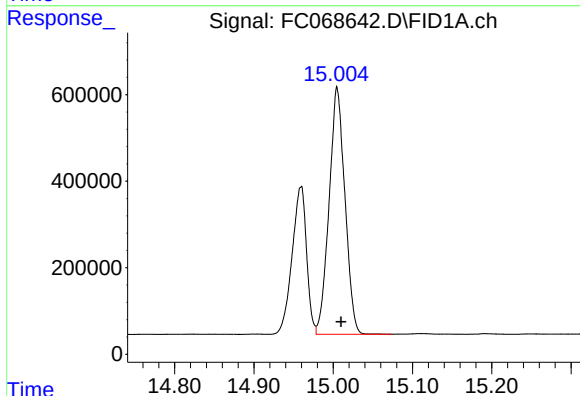
R.T.: 13.153 min
Delta R.T.: 0.001 min
Response: 2992085
Conc: 32.21 ug/ml



#13 n-Docosane (C22)

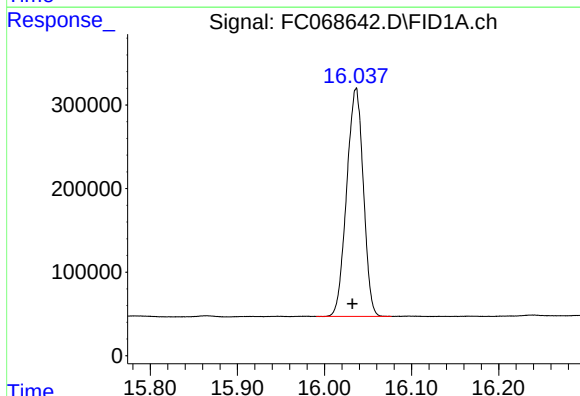
R.T.: 13.907 min
Delta R.T.: 0.002 min
Response: 3700807
Conc: 38.31 ug/ml

Instrument :
FID_C
ClientSampleId :
RT4643MS



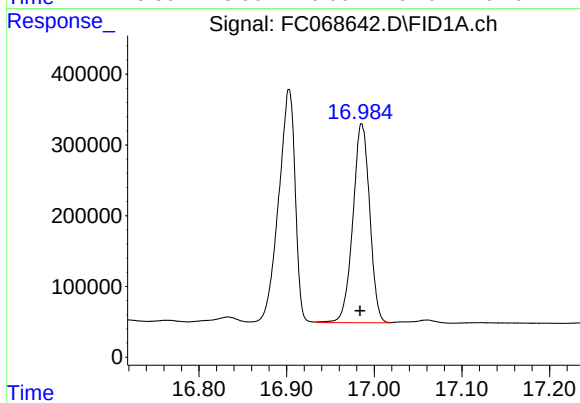
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: -0.005 min
Response: 7923416
Conc: 83.24 ug/ml



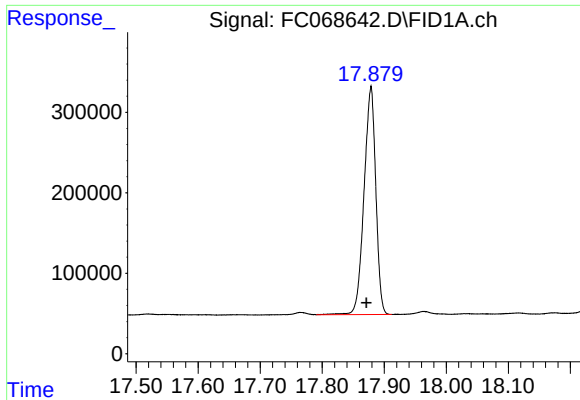
#15 n-Hexacosane (C26)

R.T.: 16.036 min
Delta R.T.: 0.004 min
Response: 3629788
Conc: 38.86 ug/ml



#16 n-Octacosane (C28)

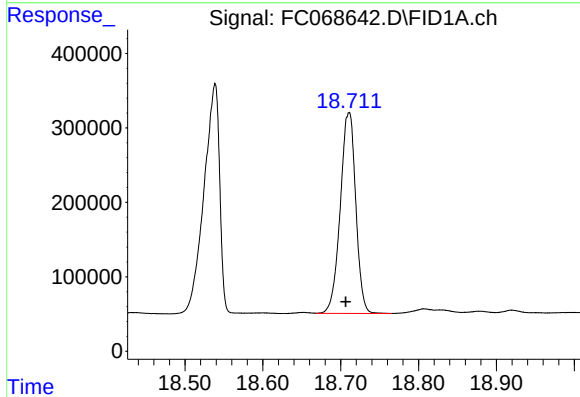
R.T.: 16.986 min
Delta R.T.: 0.002 min
Response: 3751489
Conc: 40.97 ug/ml



#17 n-Tricontane (C30)

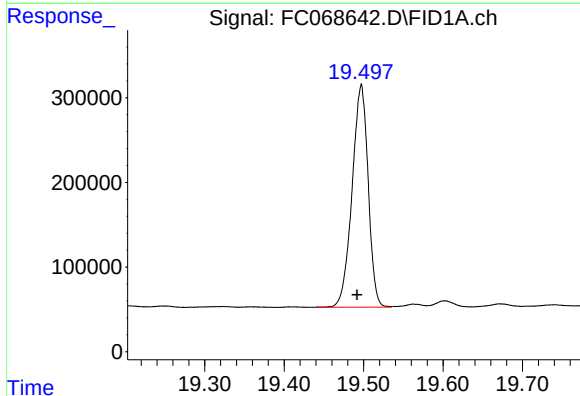
R.T.: 17.878 min
Delta R.T.: 0.007 min
Response: 3725081
Conc: 40.52 ug/ml

Instrument :
FID_C
ClientSampleId :
RT4643MS



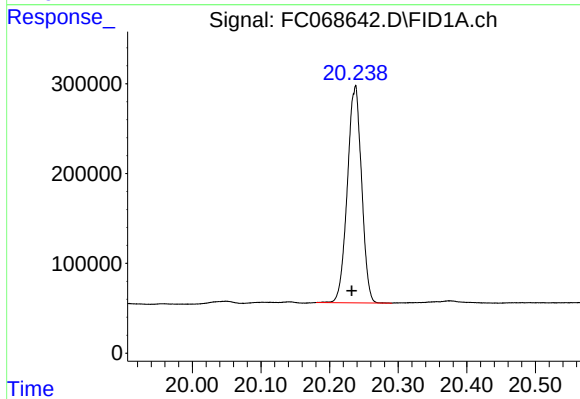
#18 n-Dotriacontane (C32)

R.T.: 18.710 min
Delta R.T.: 0.004 min
Response: 3729421
Conc: 40.66 ug/ml



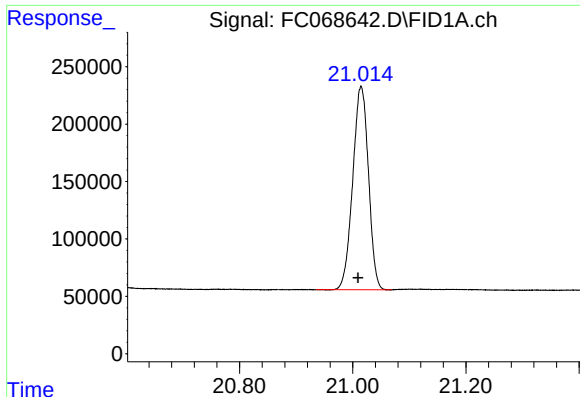
#19 n-Tetratriacontane (C34)

R.T.: 19.497 min
Delta R.T.: 0.005 min
Response: 3684077
Conc: 41.24 ug/ml



#20 n-Hexatriacontane (C36)

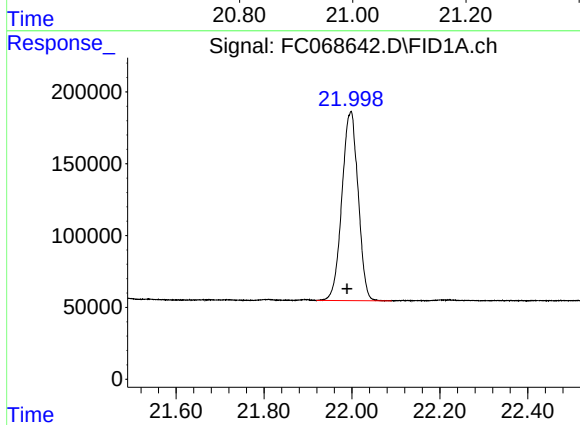
R.T.: 20.237 min
Delta R.T.: 0.005 min
Response: 3480535
Conc: 38.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.015 min
Delta R.T.: 0.005 min
Response: 3413531
Conc: 38.61 ug/ml

Instrument :
FID_C
ClientSampleId :
RT4643MS



#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: 0.008 min
Response: 3367553
Conc: 38.14 ug/ml