

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042825AL\
 Data File : FC068707.D
 Signal(s) : FID1A.ch
 Acq On : 28 Apr 2025 18:23
 Operator : YP/AJ
 Sample : Q1892-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MH-HMS

Integration File: autoint1.e
 Quant Time: Apr 29 03:08:03 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)	11.721	3642019	28.601 ug/ml
Spiked Amount 50.000		Recovery =	57.20%
12) S 1-chlorooctadecane (S...	13.153	2898943	31.207 ug/ml
Spiked Amount 50.000		Recovery =	62.41%
Target Compounds			
1) T n-Nonane (C9)	3.447	2781353	26.408 ug/ml
2) T n-Decane (C10)	4.524	3092221	29.349 ug/ml
3) T A~Naphthalene (C11.7)	6.122	3644925	31.297 ug/ml
4) T n-Dodecane (C12)	6.549	3159047	30.040 ug/ml
5) T A~2-methylnaphthalene...	7.181	3333949	28.866 ug/ml
6) T n-Tetradecane (C14)	8.348	3186982	31.001 ug/ml
7) T n-Hexadecane (C16)	9.951	3286381	32.270 ug/ml
8) T n-Octadecane (C18)	11.396	3447256	34.256 ug/ml
10) T n-Eicosane (C20)	12.708	3615601	36.759 ug/ml
11) T n-Heneicosane (C21)	13.320	3464335	35.547 ug/ml
13) T n-Docosane (C22)	13.907	3453583	35.753 ug/ml
14) T n-Tetracosane (C24)	15.005	7380410	77.538 ug/ml
15) T n-Hexacosane (C26)	16.036	3466282	37.110 ug/ml
16) T n-Octacosane (C28)	16.985	3504311	38.274 ug/ml
17) T n-Tricontane (C30)	17.875	3510112	38.182 ug/ml
18) T n-Dotriacontane (C32)	18.709	3499171	38.147 ug/ml
19) T n-Tetratriacontane (C34)	19.495	3525414	39.461 ug/ml
20) T n-Hexatriacontane (C36)	20.236	3388081	37.822 ug/ml
21) T n-Octatriacontane (C38)	21.013	3338898	37.765 ug/ml
22) T n-Tetracontane (C40)	21.995	3302529	37.399 ug/ml

(f)=RT Delta > 1/2 Window

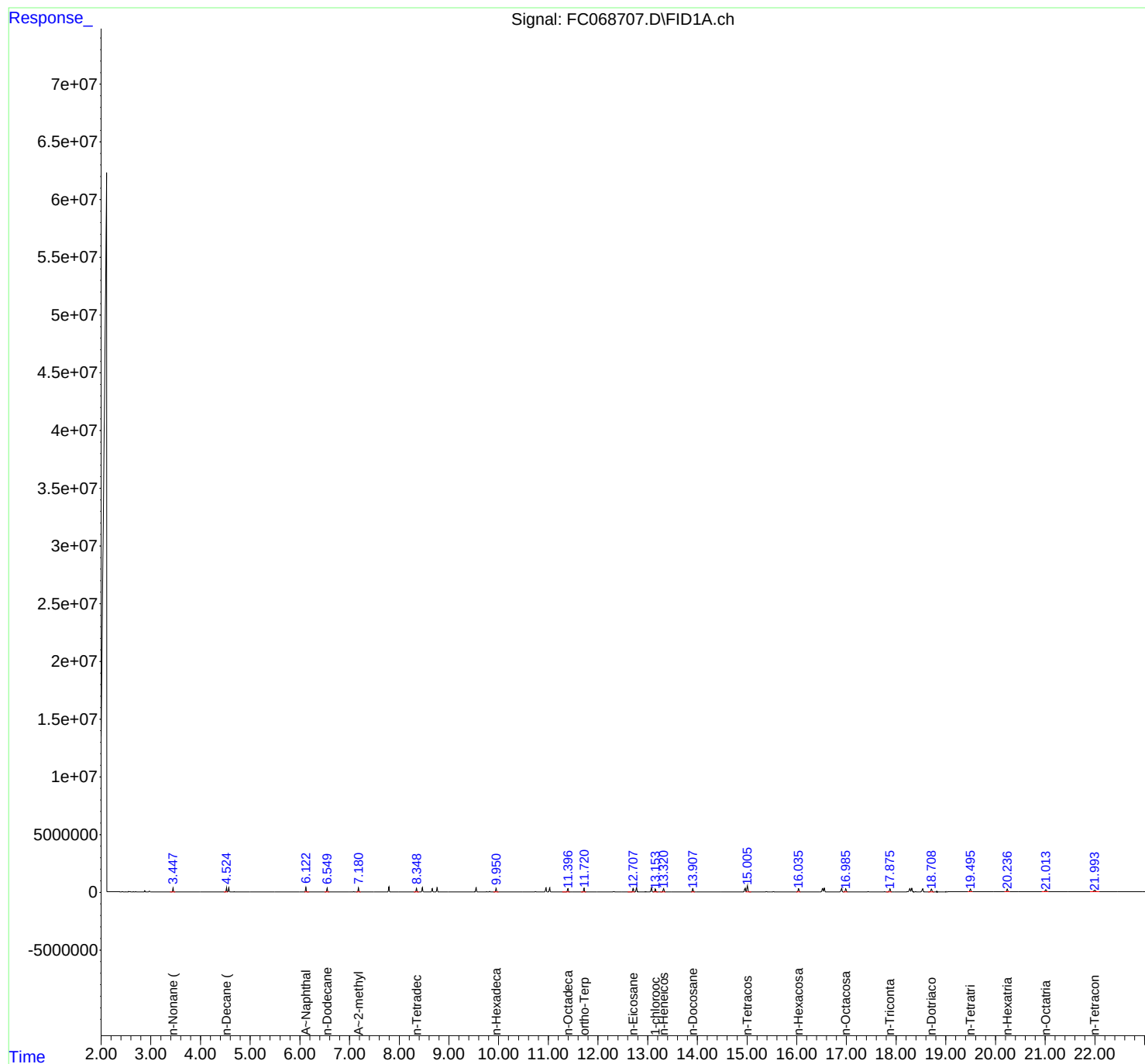
(m)=manual int.

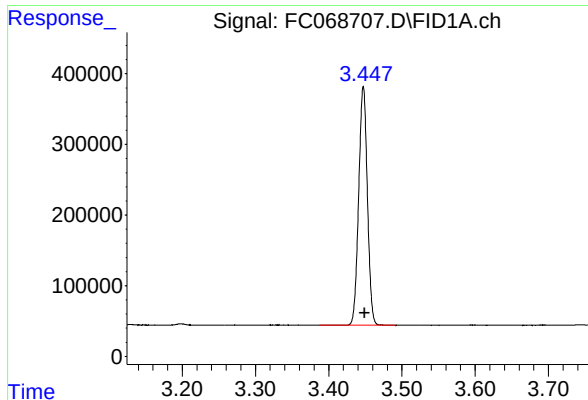
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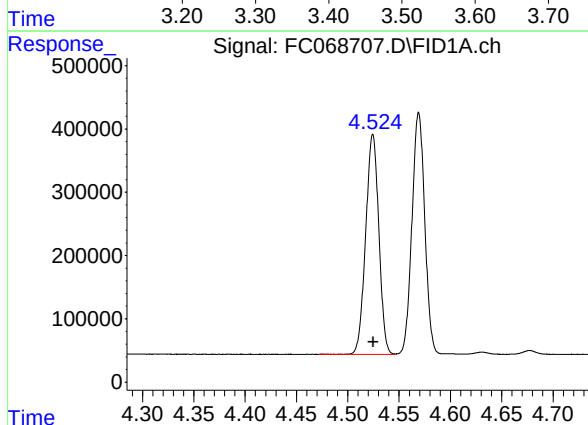




#1 n-Nonane (C9)

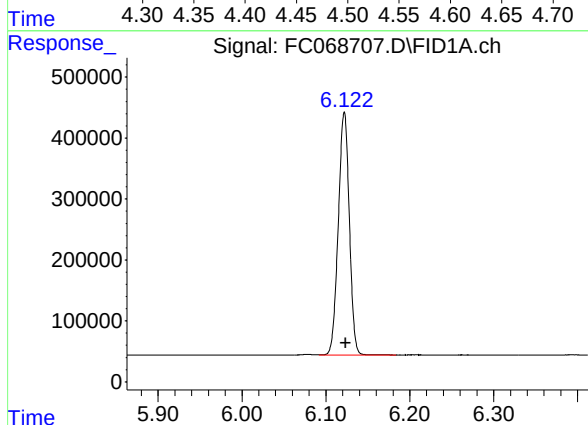
R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 2781353
Conc: 26.41 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-HMS



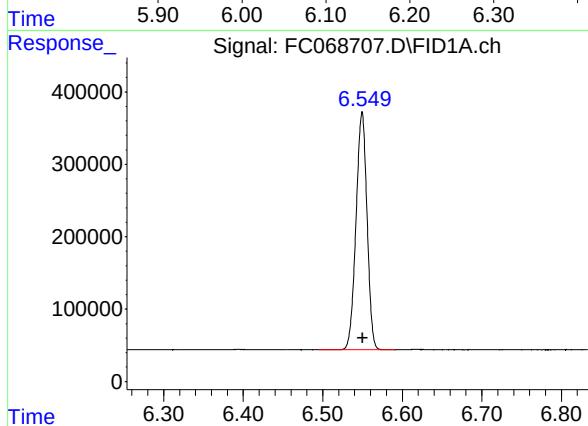
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 3092221
Conc: 29.35 ug/ml



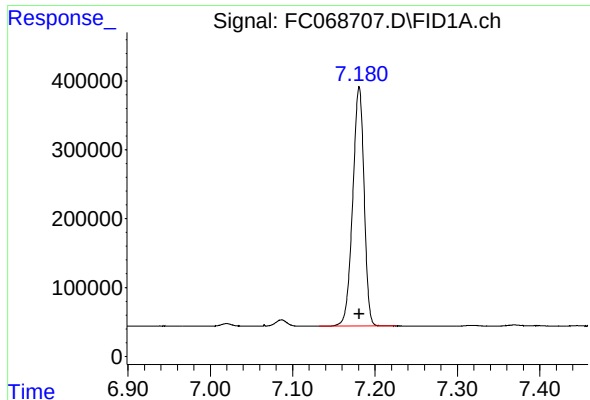
#3 A~Naphthalene (C11.7)

R.T.: 6.122 min
Delta R.T.: -0.002 min
Response: 3644925
Conc: 31.30 ug/ml



#4 n-Dodecane (C12)

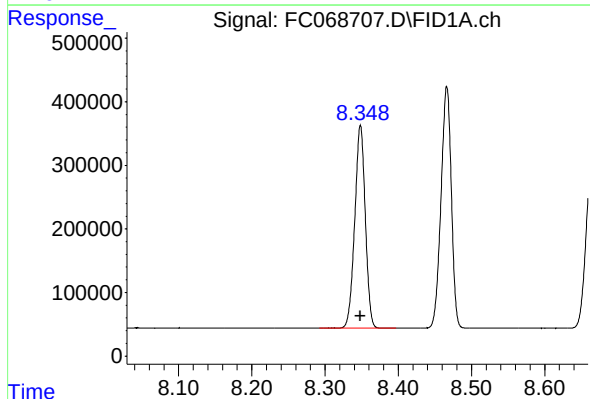
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 3159047
Conc: 30.04 ug/ml



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

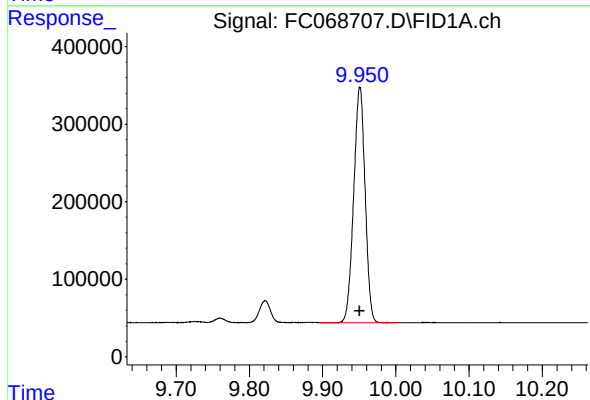
R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 3333949
Conc: 28.87 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-HMS



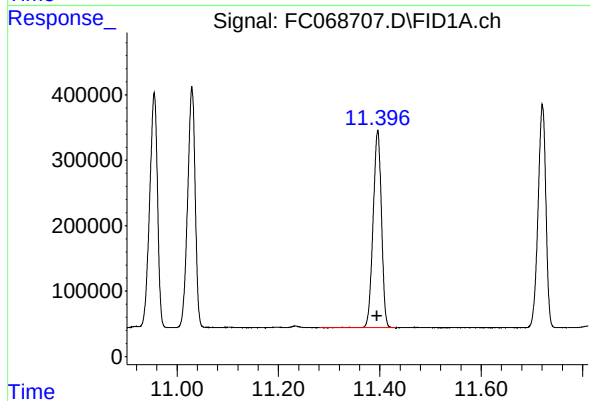
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 3186982
Conc: 31.00 ug/ml



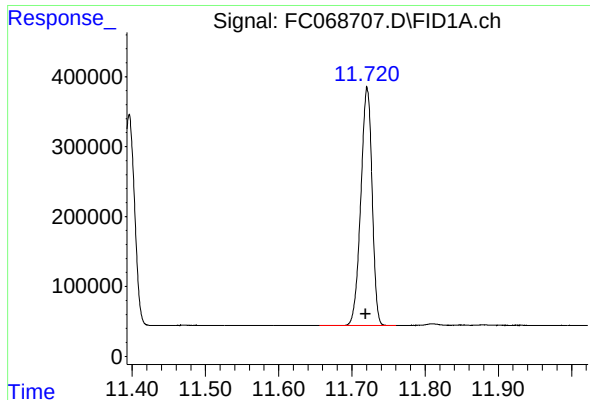
#7 n-Hexadecane (C16)

R.T.: 9.951 min
Delta R.T.: 0.000 min
Response: 3286381
Conc: 32.27 ug/ml



#8 n-Octadecane (C18)

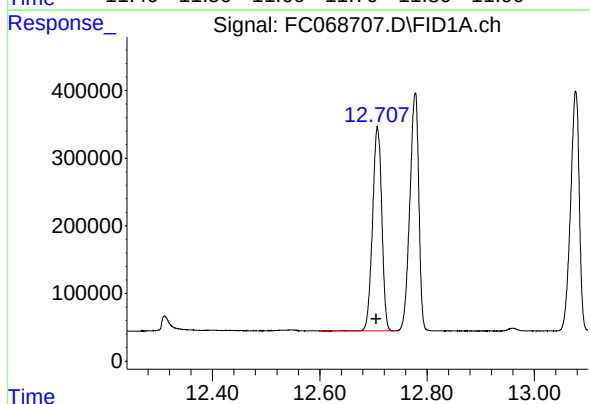
R.T.: 11.396 min
Delta R.T.: 0.001 min
Response: 3447256
Conc: 34.26 ug/ml



#9 ortho-Terphenyl (SURR)

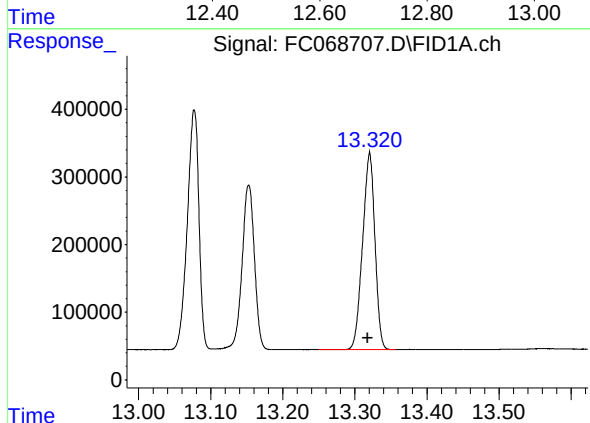
R.T.: 11.721 min
Delta R.T.: 0.002 min
Response: 3642019
Conc: 28.60 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-HMS



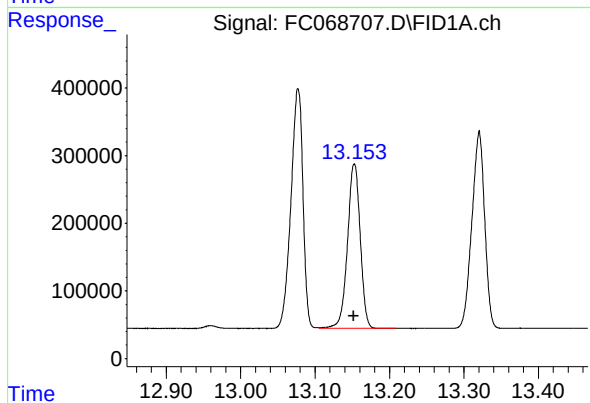
#10 n-Eicosane (C20)

R.T.: 12.708 min
Delta R.T.: 0.002 min
Response: 3615601
Conc: 36.76 ug/ml



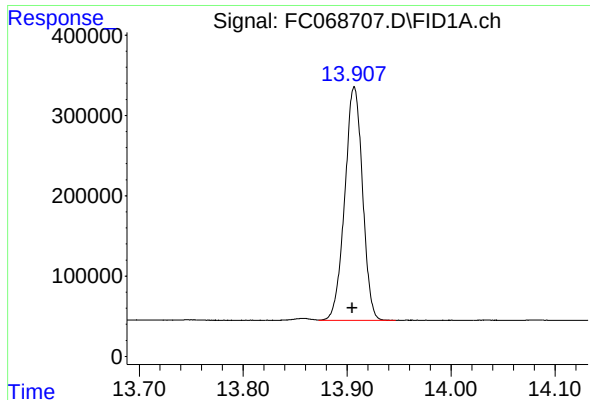
#11 n-Heneicosane (C21)

R.T.: 13.320 min
Delta R.T.: 0.003 min
Response: 3464335
Conc: 35.55 ug/ml



#12 1-chlorooctadecane (SURR)

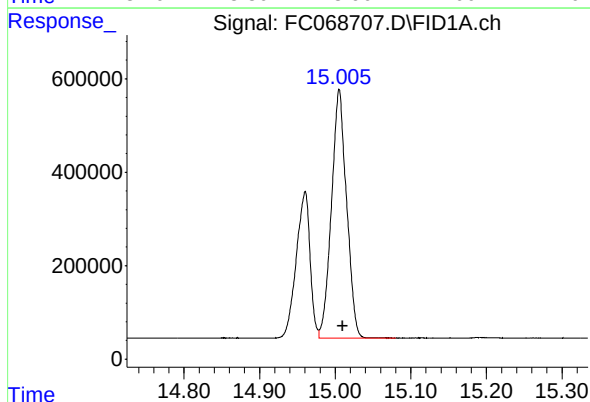
R.T.: 13.153 min
Delta R.T.: 0.000 min
Response: 2898943
Conc: 31.21 ug/ml



#13 n-Docosane (C22)

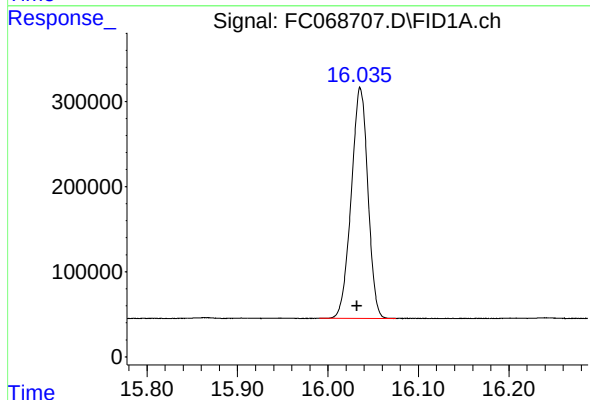
R.T.: 13.907 min
Delta R.T.: 0.002 min
Response: 3453583
Conc: 35.75 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-HMS



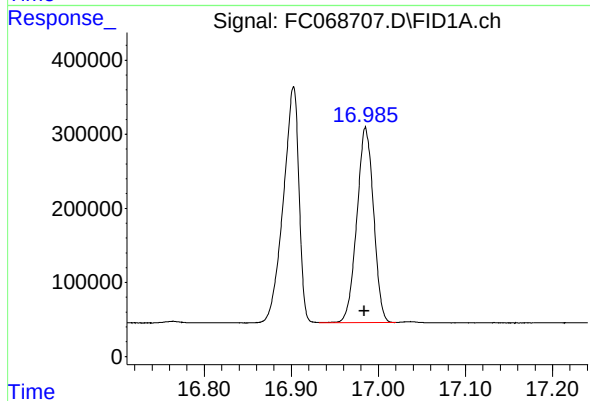
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: -0.005 min
Response: 7380410
Conc: 77.54 ug/ml



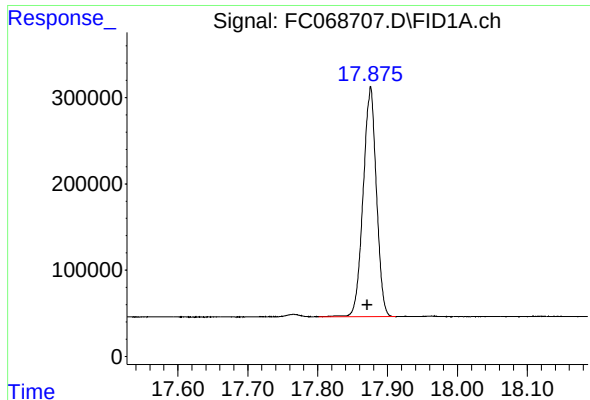
#15 n-Hexacosane (C26)

R.T.: 16.036 min
Delta R.T.: 0.004 min
Response: 3466282
Conc: 37.11 ug/ml



#16 n-Octacosane (C28)

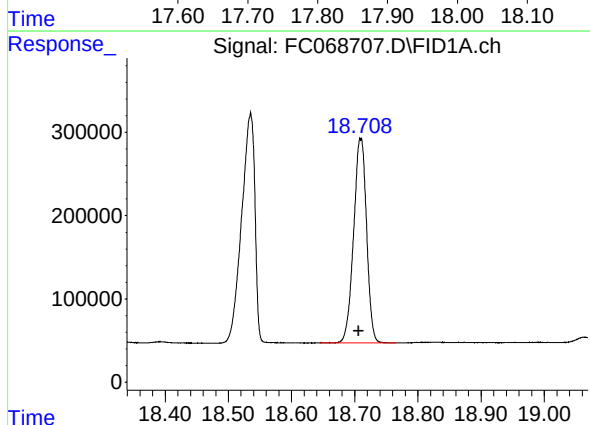
R.T.: 16.985 min
Delta R.T.: 0.002 min
Response: 3504311
Conc: 38.27 ug/ml



#17 n-Tricontane (C30)

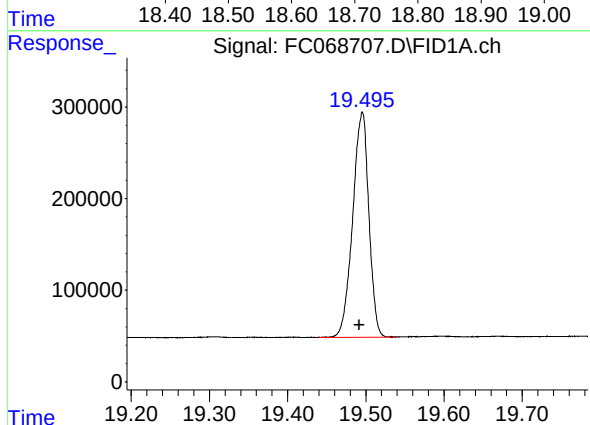
R.T.: 17.875 min
Delta R.T.: 0.004 min
Response: 3510112
Conc: 38.18 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-HMS



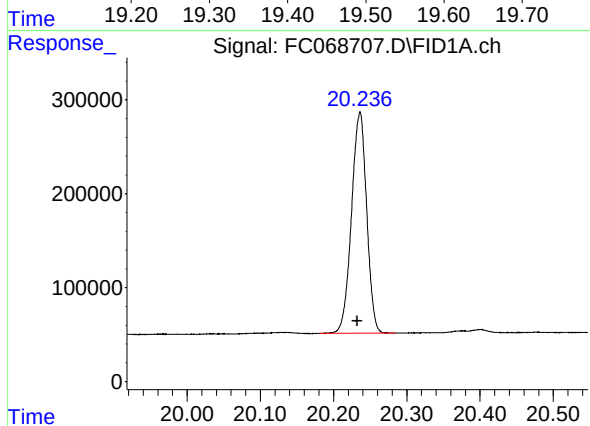
#18 n-Dotriacontane (C32)

R.T.: 18.709 min
Delta R.T.: 0.003 min
Response: 3499171
Conc: 38.15 ug/ml



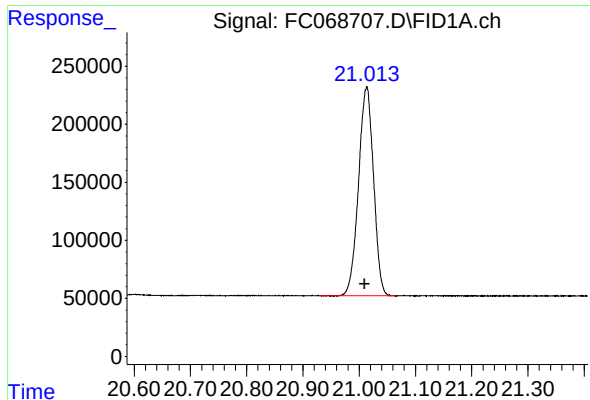
#19 n-Tetratriacontane (C34)

R.T.: 19.495 min
Delta R.T.: 0.003 min
Response: 3525414
Conc: 39.46 ug/ml



#20 n-Hexatriacontane (C36)

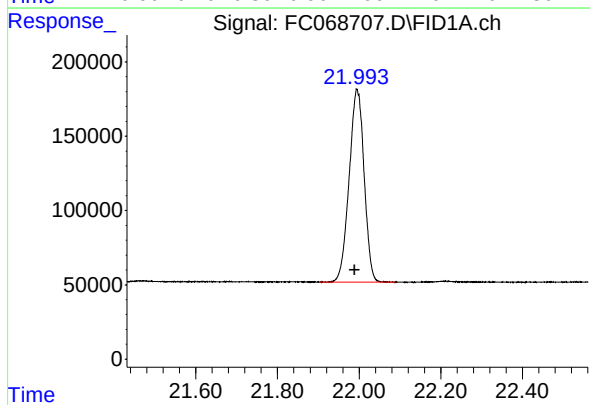
R.T.: 20.236 min
Delta R.T.: 0.004 min
Response: 3388081
Conc: 37.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.013 min
Delta R.T.: 0.004 min
Response: 3338898
Conc: 37.77 ug/ml

Instrument :
FID_C
ClientSampleId :
MH-HMS



#22 n-Tetracontane (C40)

R.T.: 21.995 min
Delta R.T.: 0.006 min
Response: 3302529
Conc: 37.40 ug/ml