

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052924AL\
 Data File : FC066499.D
 Signal(s) : FID1A.ch
 Acq On : 29 May 2024 07:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 29 11:09:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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)	11.559	2917547	19.195 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
12) S 1-chlorooctadecane (S...	12.999	2190904	19.173 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
Target Compounds			
1) T n-Nonane (C9)	3.311	2690855	19.227 ug/ml
2) T n-Decane (C10)	4.381	2745936	19.084 ug/ml
3) T A~Naphthalene (C11.7)	5.966	3043004	19.096 ug/ml
4) T n-Dodecane (C12)	6.403	2753048	19.119 ug/ml
5) T A~2-methylnaphthalene...	7.024	2936036	19.144 ug/ml
6) T n-Tetradecane (C14)	8.200	2696970	19.104 ug/ml
7) T n-Hexadecane (C16)	9.802	2751331	19.144 ug/ml
8) T n-Octadecane (C18)	11.245	2738860	19.139 ug/ml
10) T n-Eicosane (C20)	12.555	2604744	19.143 ug/ml
11) T n-Heneicosane (C21)	13.167	2549917	19.129 ug/ml
13) T n-Docosane (C22)	13.753	2524848	19.157 ug/ml
14) T n-Tetracosane (C24)	14.857	2500769	19.211 ug/ml
15) T n-Hexacosane (C26)	15.879	2452245	19.282 ug/ml
16) T n-Octacosane (C28)	16.829	2409864	19.411 ug/ml
17) T n-Tricontane (C30)	17.716	2455946	19.487 ug/ml
18) T n-Dotriacontane (C32)	18.550	2412978	19.605 ug/ml
19) T n-Tetratriacontane (C34)	19.333	2328074	19.413 ug/ml
20) T n-Hexatriacontane (C36)	20.074	2231392	18.418 ug/ml
21) T n-Octatriacontane (C38)	20.810	2183674	18.877 ug/ml
22) T n-Tetracontane (C40)	21.722	2193889	17.910 ug/ml

(f)=RT Delta > 1/2 Window

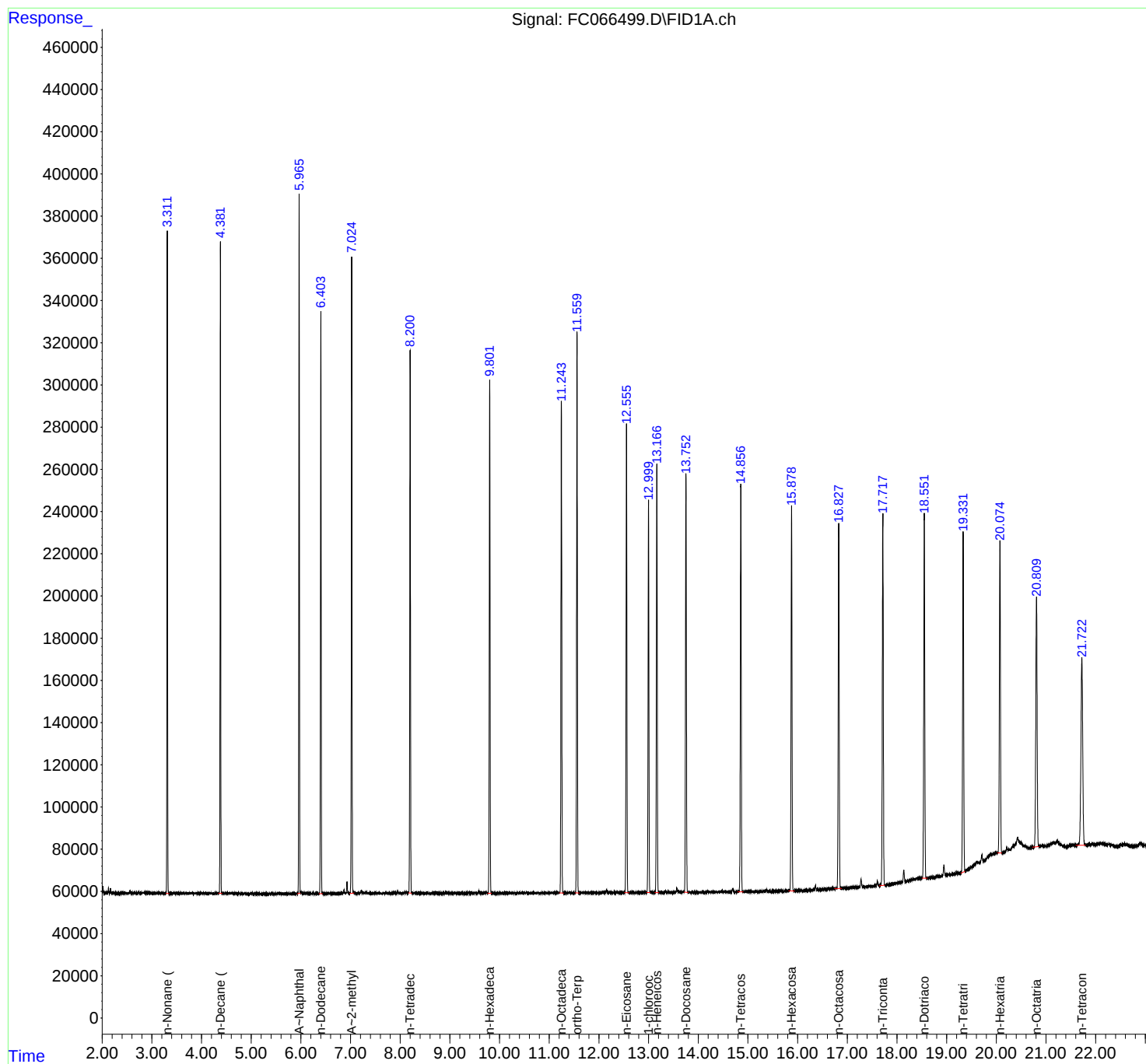
(m)=manual int.

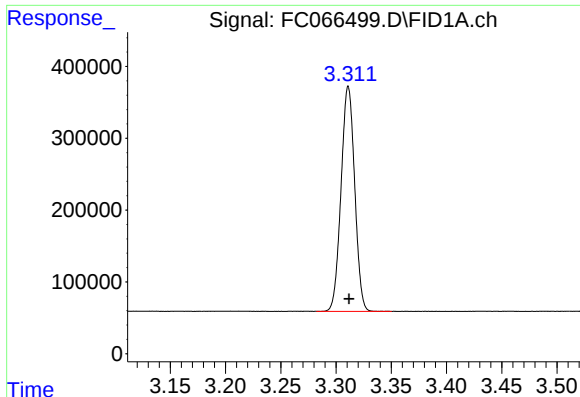
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052924AL\
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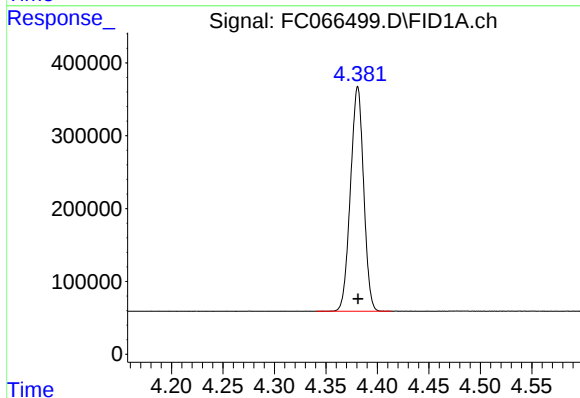




#1 n-Nonane (C9)

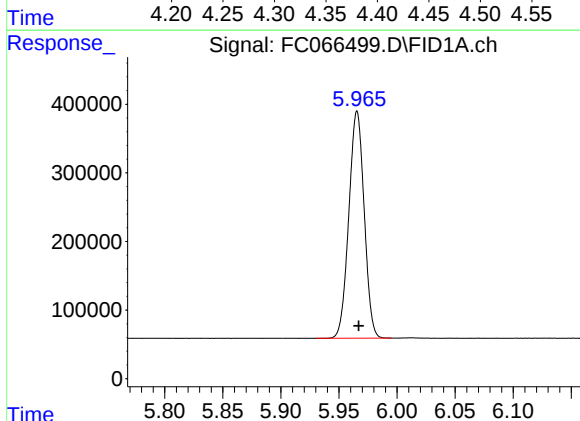
R.T.: 3.311 min
Delta R.T.: 0.000 min
Response: 2690855
Conc: 19.23 ug/ml

Instrument :
FID_C
ClientSampleId :



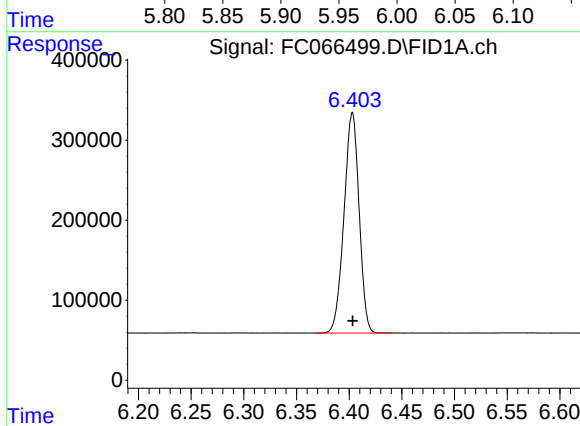
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.000 min
Response: 2745936
Conc: 19.08 ug/ml



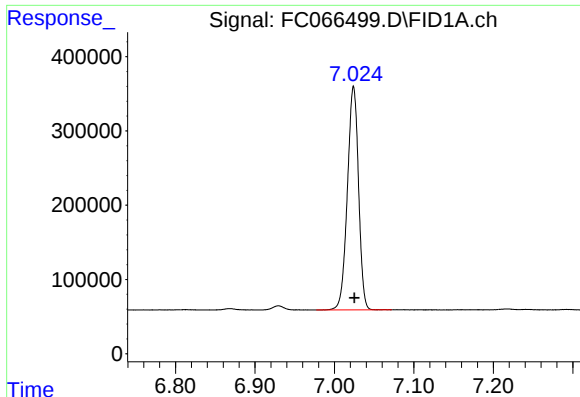
#3 A~Naphthalene (C11.7)

R.T.: 5.966 min
Delta R.T.: -0.001 min
Response: 3043004
Conc: 19.10 ug/ml



#4 n-Dodecane (C12)

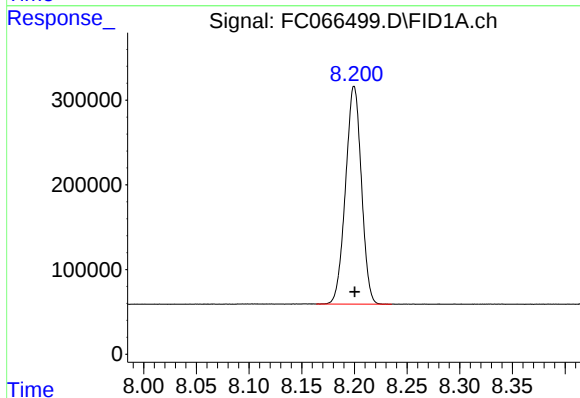
R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 2753048
Conc: 19.12 ug/ml



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

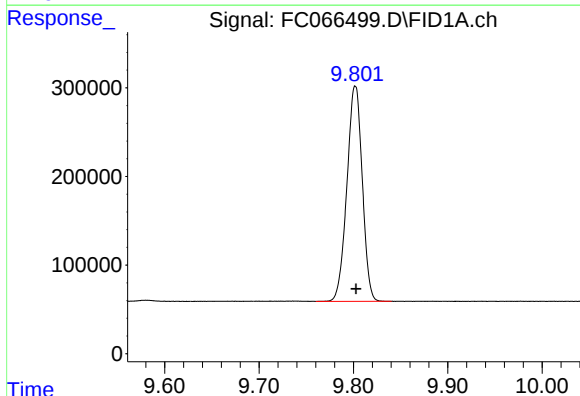
R.T.: 7.024 min
Delta R.T.: -0.001 min
Response: 2936036
Conc: 19.14 ug/ml

Instrument :
FID_C
ClientSampleId :



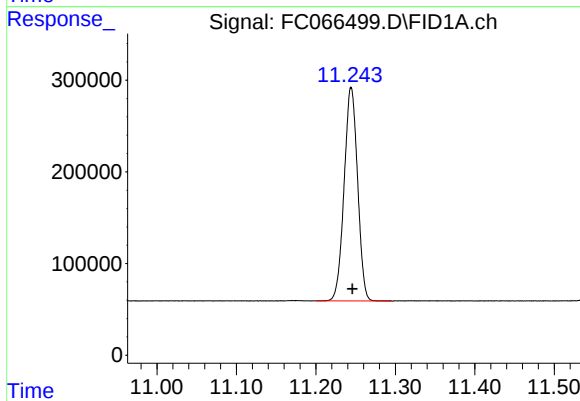
#6 n-Tetradecane (C14)

R.T.: 8.200 min
Delta R.T.: 0.000 min
Response: 2696970
Conc: 19.10 ug/ml



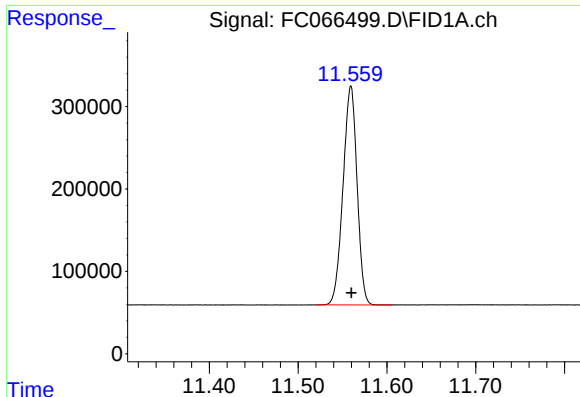
#7 n-Hexadecane (C16)

R.T.: 9.802 min
Delta R.T.: 0.000 min
Response: 2751331
Conc: 19.14 ug/ml



#8 n-Octadecane (C18)

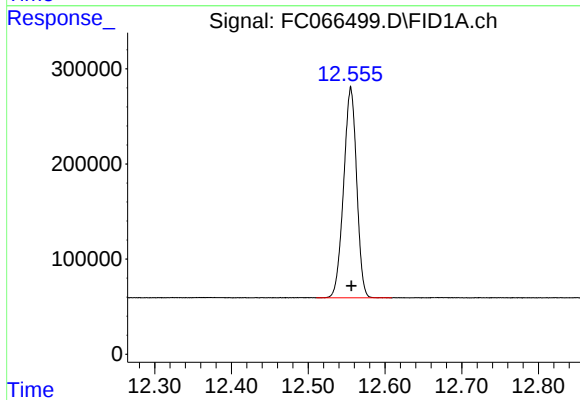
R.T.: 11.245 min
Delta R.T.: -0.001 min
Response: 2738860
Conc: 19.14 ug/ml



#9 ortho-Terphenyl (SURR)

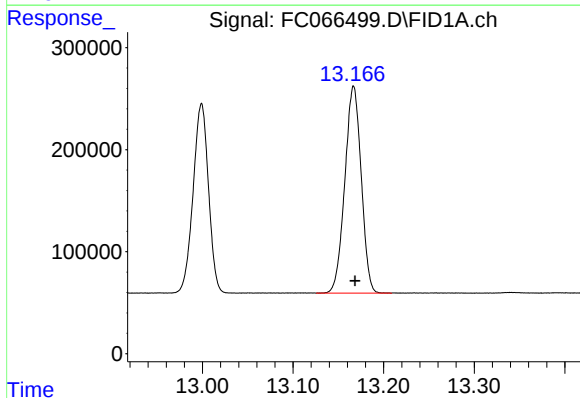
R.T.: 11.559 min
Delta R.T.: 0.000 min
Response: 2917547
Conc: 19.19 ug/ml

Instrument :
FID_C
ClientSampleId :



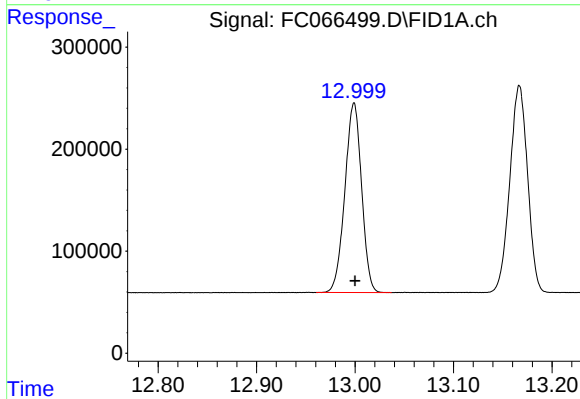
#10 n-Eicosane (C20)

R.T.: 12.555 min
Delta R.T.: 0.000 min
Response: 2604744
Conc: 19.14 ug/ml



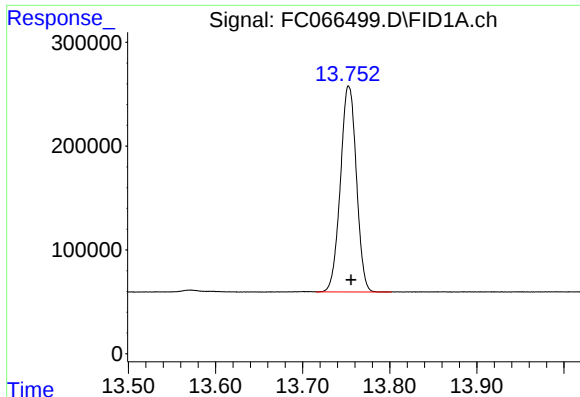
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: -0.002 min
Response: 2549917
Conc: 19.13 ug/ml



#12 1-chlorooctadecane (SURR)

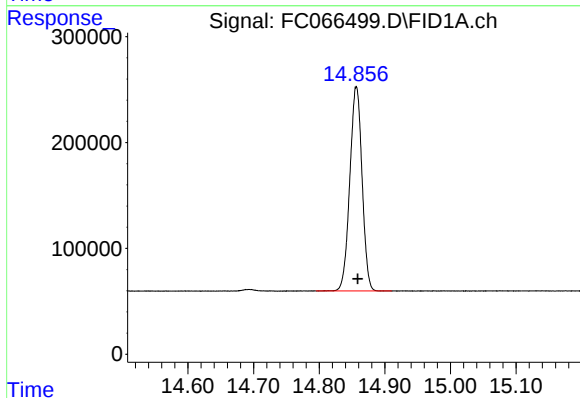
R.T.: 12.999 min
Delta R.T.: -0.001 min
Response: 2190904
Conc: 19.17 ug/ml



#13 n-Docosane (C22)

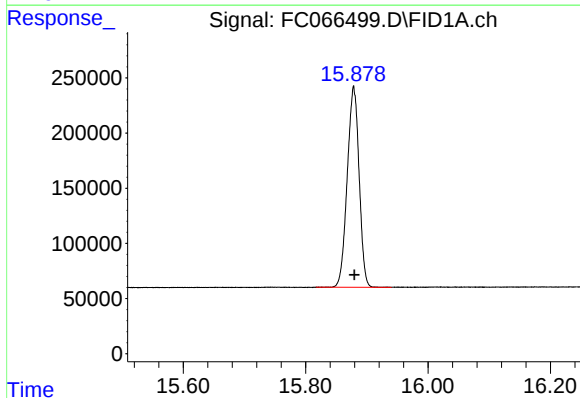
R.T.: 13.753 min
Delta R.T.: -0.003 min
Response: 2524848
Conc: 19.16 ug/ml

Instrument :
FID_C
ClientSampleId :



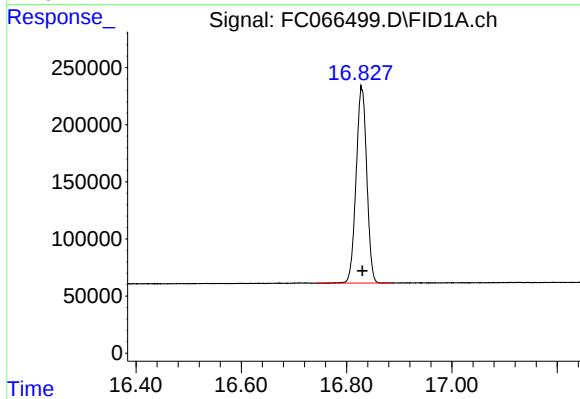
#14 n-Tetracosane (C24)

R.T.: 14.857 min
Delta R.T.: -0.002 min
Response: 2500769
Conc: 19.21 ug/ml



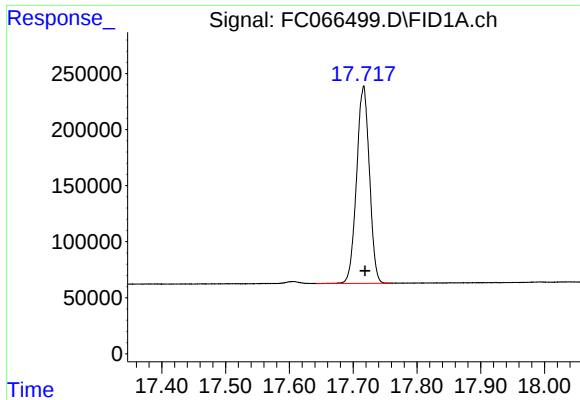
#15 n-Hexacosane (C26)

R.T.: 15.879 min
Delta R.T.: -0.001 min
Response: 2452245
Conc: 19.28 ug/ml



#16 n-Octacosane (C28)

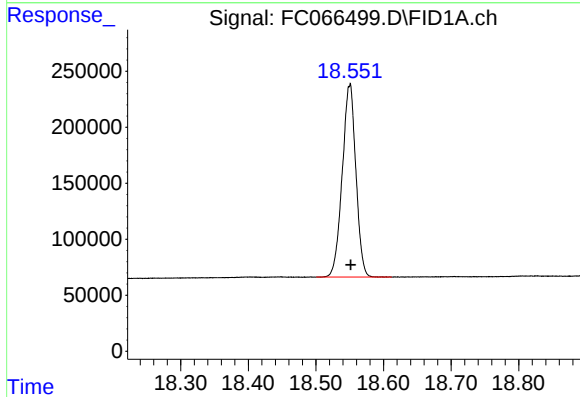
R.T.: 16.829 min
Delta R.T.: -0.001 min
Response: 2409864
Conc: 19.41 ug/ml



#17 n-Tricontane (C30)

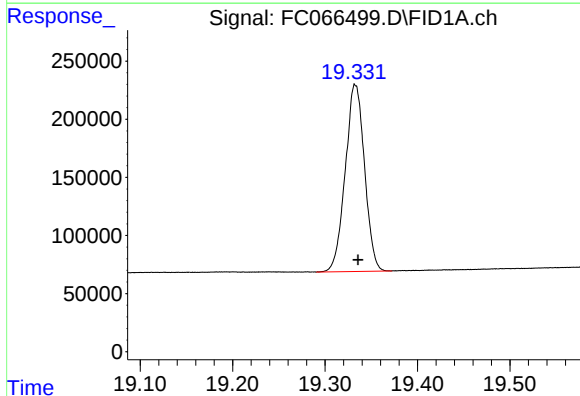
R.T.: 17.716 min
Delta R.T.: -0.003 min
Response: 2455946
Conc: 19.49 ug/ml

Instrument :
FID_C
ClientSampleId :



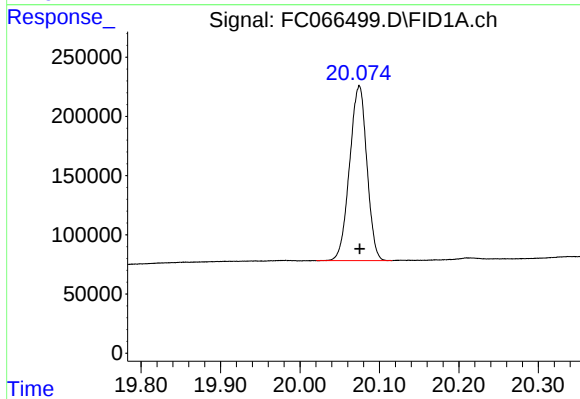
#18 n-Dotriacontane (C32)

R.T.: 18.550 min
Delta R.T.: -0.002 min
Response: 2412978
Conc: 19.61 ug/ml



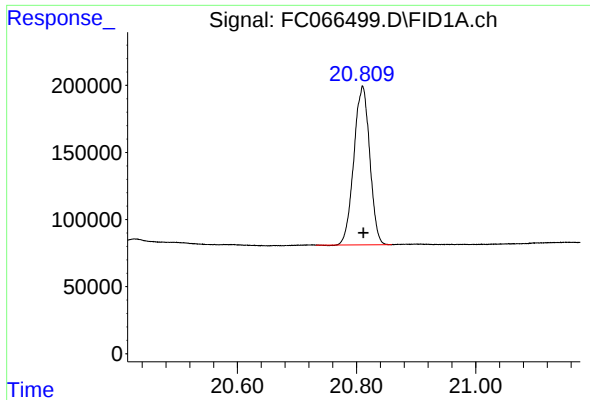
#19 n-Tetratriacontane (C34)

R.T.: 19.333 min
Delta R.T.: -0.003 min
Response: 2328074
Conc: 19.41 ug/ml



#20 n-Hexatriacontane (C36)

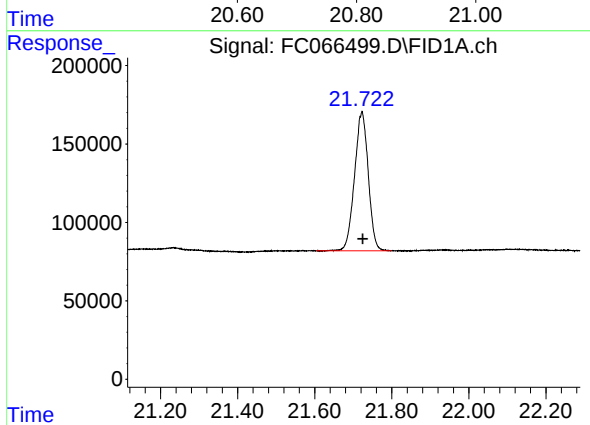
R.T.: 20.074 min
Delta R.T.: -0.001 min
Response: 2231392
Conc: 18.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.810 min
Delta R.T.: -0.002 min
Response: 2183674
Conc: 18.88 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.722 min
Delta R.T.: -0.003 min
Response: 2193889
Conc: 17.91 ug/ml