

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032923AL\
 Data File : FC063268.D
 Signal(s) : FID1A.ch
 Acq On : 30 Mar 2023 00:24
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 02:36:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031523.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 16 01:30:46 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)	11.531	2603564	19.886 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
12) S 1-chlorooctadecane (S...	12.969	1970217	20.419 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
Target Compounds			
1) T n-Nonane (C9)	3.299	2558765	21.154 ug/ml
2) T n-Decane (C10)	4.366	2549157	21.665 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2698800	20.959 ug/ml
4) T n-Dodecane (C12)	6.383	2526340	21.500 ug/ml
5) T A~2-methylnaphthalene...	7.006	2641737	22.460 ug/ml
6) T n-Tetradecane (C14)	8.178	2503428	21.745 ug/ml
7) T n-Hexadecane (C16)	9.777	2479549	21.284 ug/ml
8) T n-Octadecane (C18)	11.217	2504447	21.183 ug/ml
10) T n-Eicosane (C20)	12.525	2466480	21.411 ug/ml
11) T n-Heneicosane (C21)	13.136	2448645	21.245 ug/ml
13) T n-Docosane (C22)	13.722	2421175	21.262 ug/ml
14) T n-Tetracosane (C24)	14.822	2409453	21.193 ug/ml
15) T n-Hexacosane (C26)	15.841	2402706	21.350 ug/ml
16) T n-Octacosane (C28)	16.789	2431276	21.603 ug/ml
17) T n-Tricontane (C30)	17.674	2583329	22.713 ug/ml
18) T n-Dotriacontane (C32)	18.505	2664014	23.025 ug/ml
19) T n-Tetratriacontane (C34)	19.287	2548483	22.172 ug/ml
20) T n-Hexatriacontane (C36)	20.024	2463181	22.542 ug/ml
21) T n-Octatriacontane (C38)	20.752	2352317	21.771 ug/ml
22) T n-Tetracontane (C40)	21.645	2205513	20.827 ug/ml

(f)=RT Delta > 1/2 Window

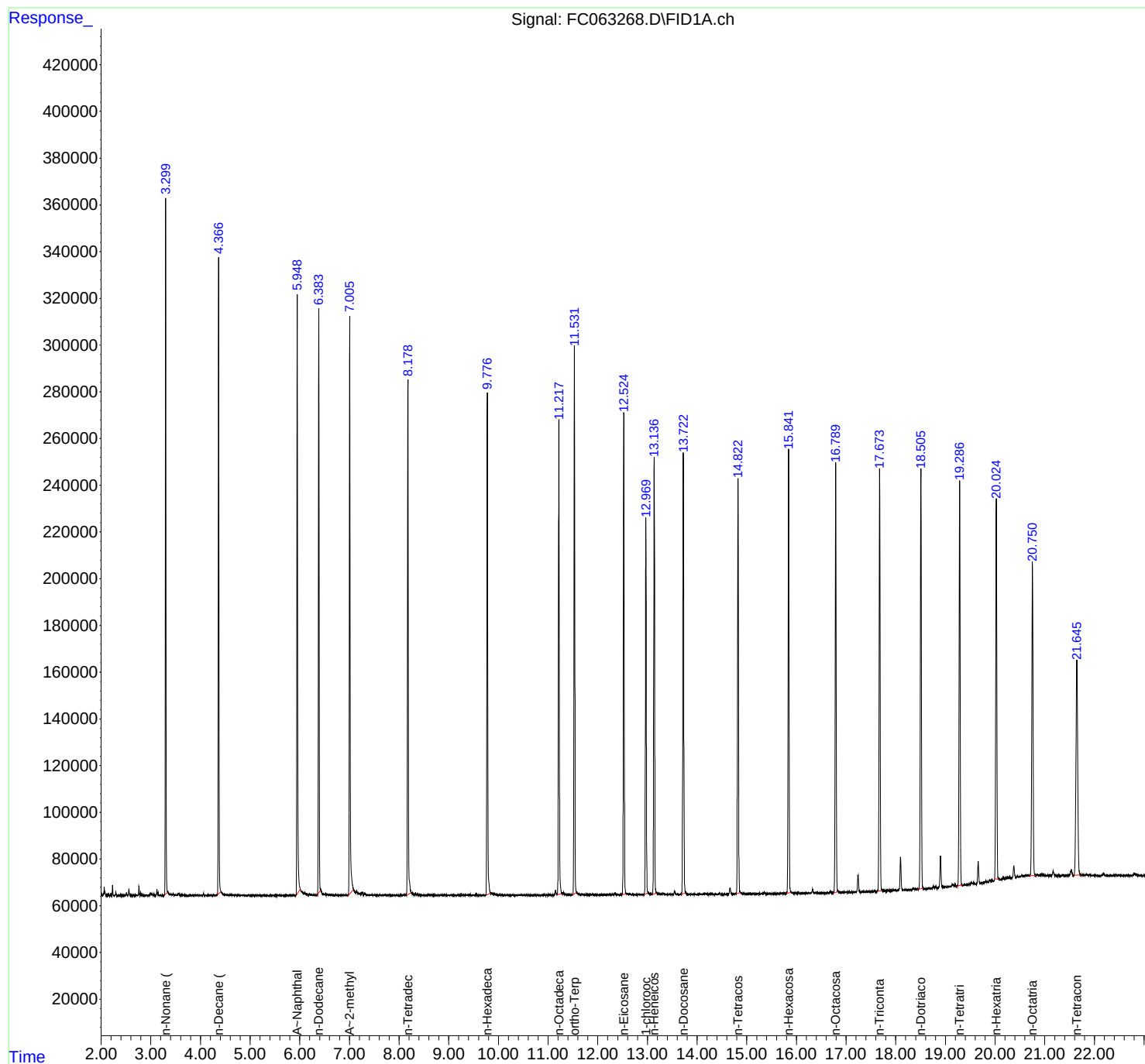
(m)=manual int.

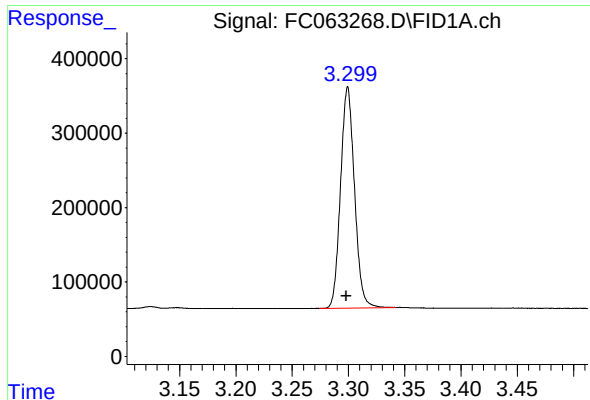
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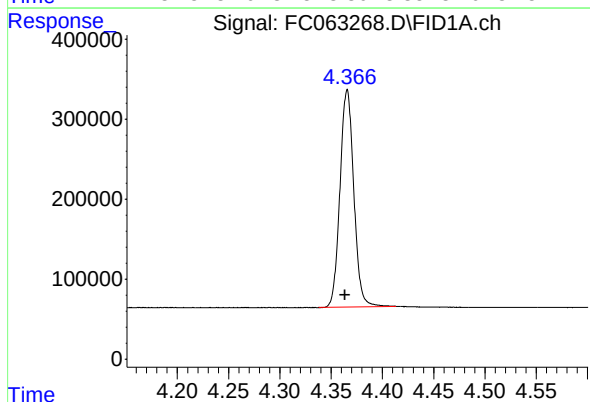




#1 n-Nonane (C9)

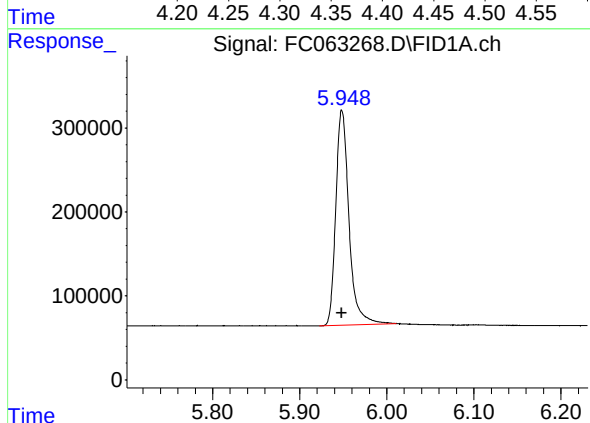
R.T.: 3.299 min
Delta R.T.: 0.001 min
Response: 2558765
Conc: 21.15 ug/ml

Instrument :
FID_C
ClientSampleId :



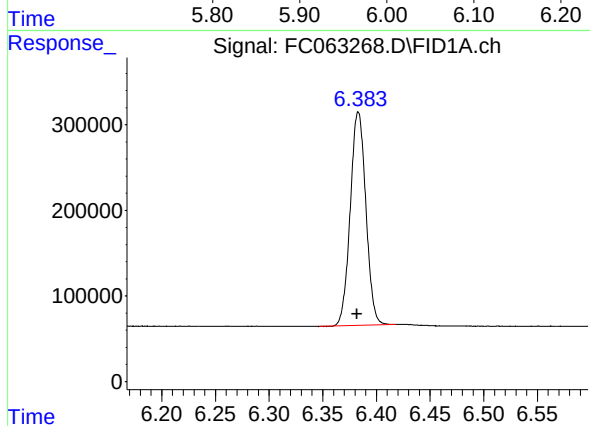
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 2549157
Conc: 21.66 ug/ml



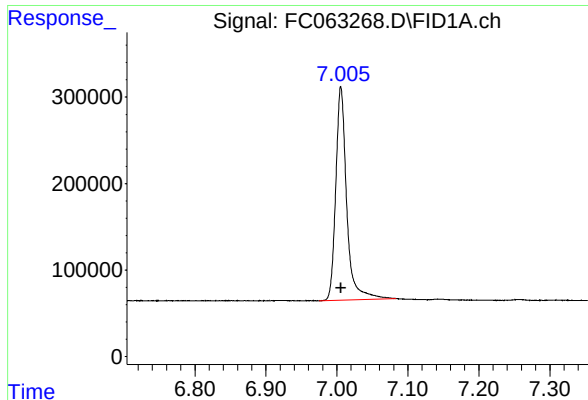
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 2698800
Conc: 20.96 ug/ml



#4 n-Dodecane (C12)

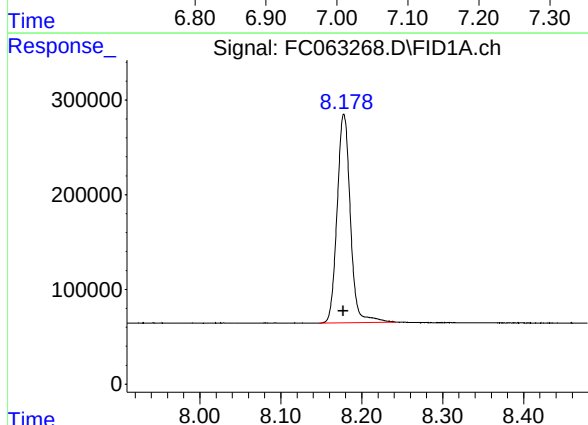
R.T.: 6.383 min
Delta R.T.: 0.002 min
Response: 2526340
Conc: 21.50 ug/ml



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

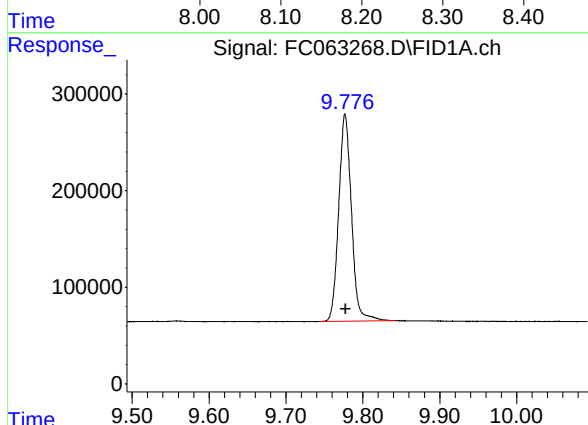
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 2641737
Conc: 22.46 ug/ml

Instrument :
FID_C
ClientSampleId :



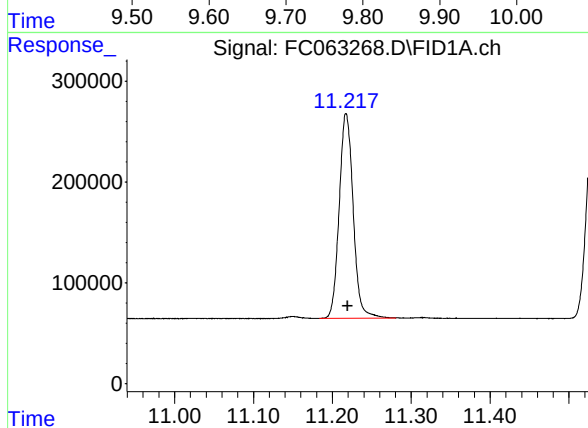
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 2503428
Conc: 21.74 ug/ml



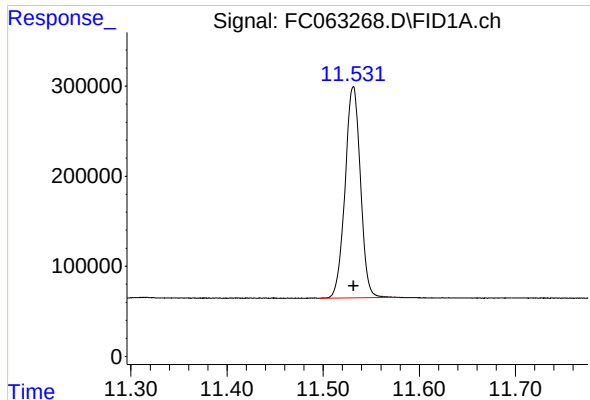
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.000 min
Response: 2479549
Conc: 21.28 ug/ml



#8 n-Octadecane (C18)

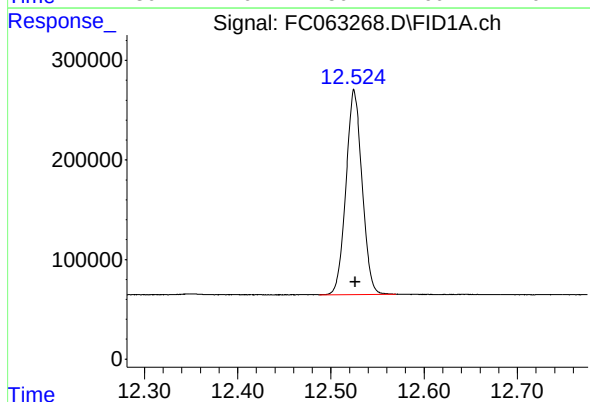
R.T.: 11.217 min
Delta R.T.: -0.002 min
Response: 2504447
Conc: 21.18 ug/ml



#9 ortho-Terphenyl (SURR)

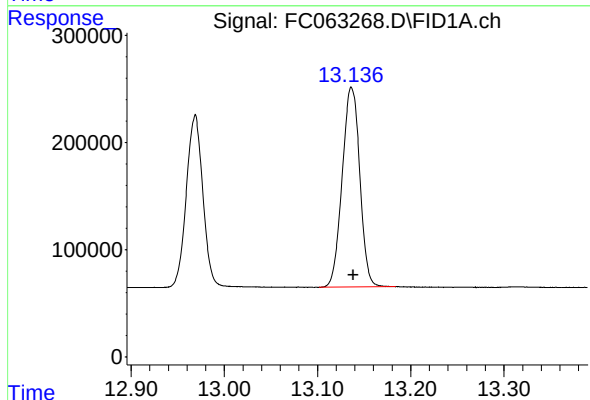
R.T.: 11.531 min
Delta R.T.: 0.000 min
Response: 2603564
Conc: 19.89 ug/ml

Instrument :
FID_C
ClientSampleId :



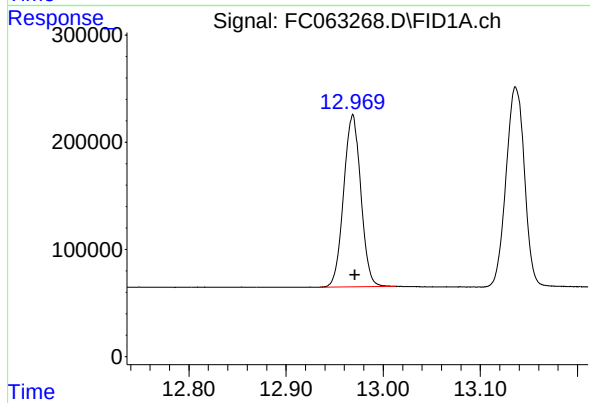
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: -0.001 min
Response: 2466480
Conc: 21.41 ug/ml



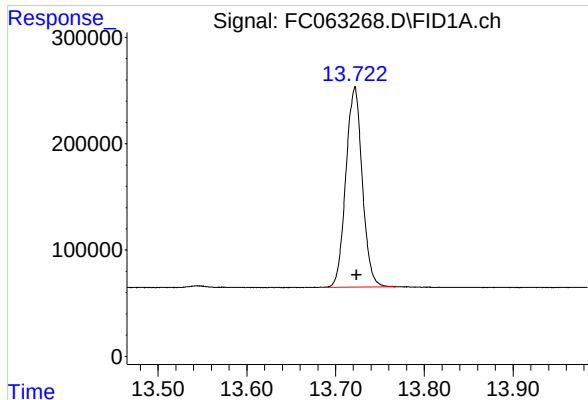
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.002 min
Response: 2448645
Conc: 21.24 ug/ml



#12 1-chlorooctadecane (SURR)

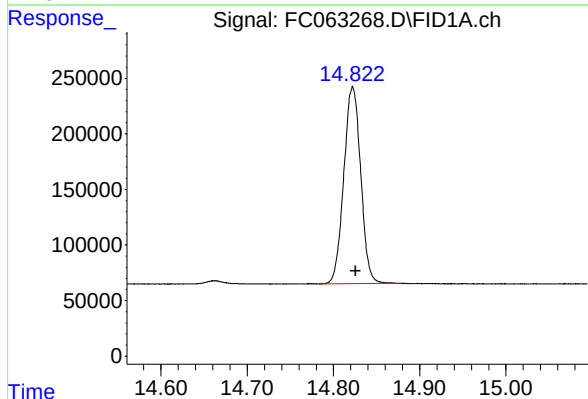
R.T.: 12.969 min
Delta R.T.: -0.002 min
Response: 1970217
Conc: 20.42 ug/ml



#13 n-Docosane (C22)

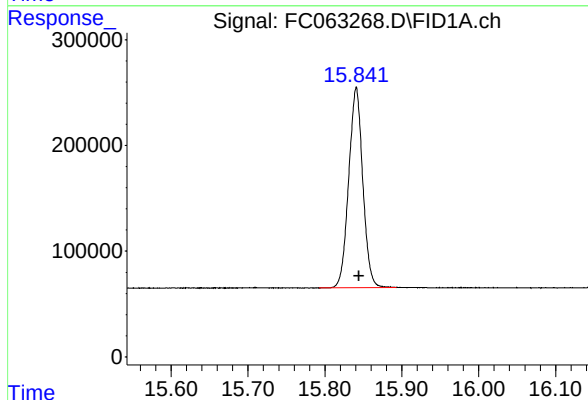
R.T.: 13.722 min
Delta R.T.: -0.002 min
Response: 2421175
Conc: 21.26 ug/ml

Instrument :
FID_C
ClientSampleId :



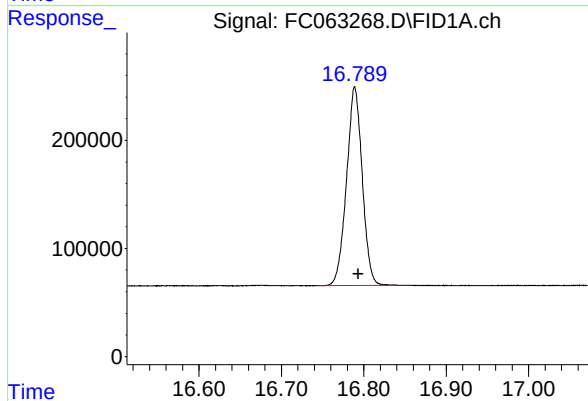
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: -0.003 min
Response: 2409453
Conc: 21.19 ug/ml



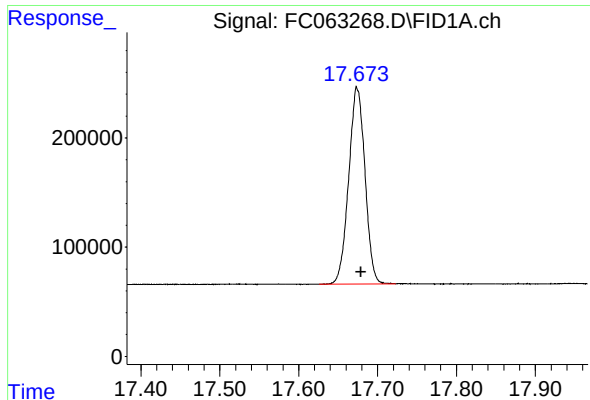
#15 n-Hexacosane (C26)

R.T.: 15.841 min
Delta R.T.: -0.003 min
Response: 2402706
Conc: 21.35 ug/ml



#16 n-Octacosane (C28)

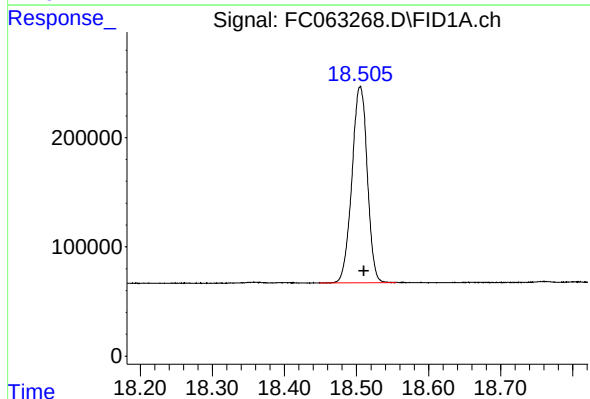
R.T.: 16.789 min
Delta R.T.: -0.004 min
Response: 2431276
Conc: 21.60 ug/ml



#17 n-Tricontane (C30)

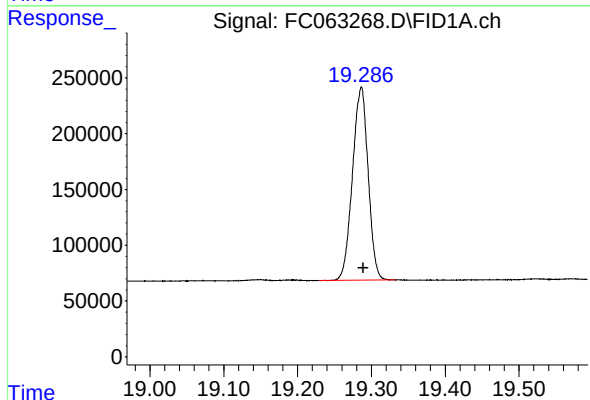
R.T.: 17.674 min
Delta R.T.: -0.005 min
Response: 2583329
Conc: 22.71 ug/ml

Instrument :
FID_C
ClientSampleId :



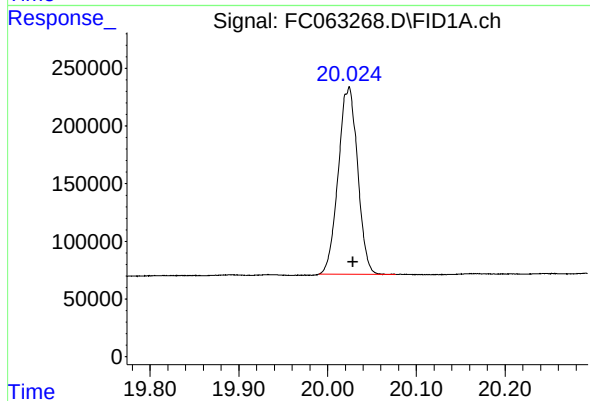
#18 n-Dotriacontane (C32)

R.T.: 18.505 min
Delta R.T.: -0.005 min
Response: 2664014
Conc: 23.03 ug/ml



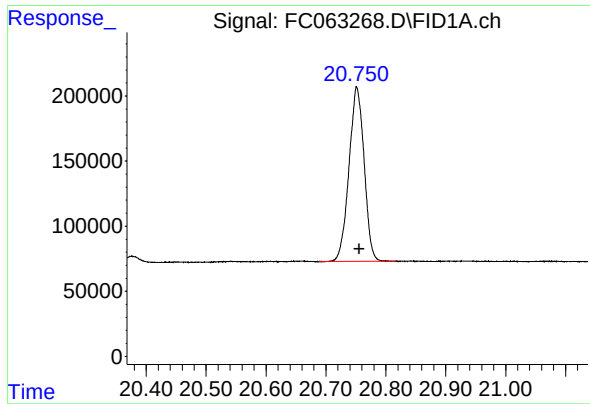
#19 n-Tetratriacontane (C34)

R.T.: 19.287 min
Delta R.T.: -0.003 min
Response: 2548483
Conc: 22.17 ug/ml



#20 n-Hexatriacontane (C36)

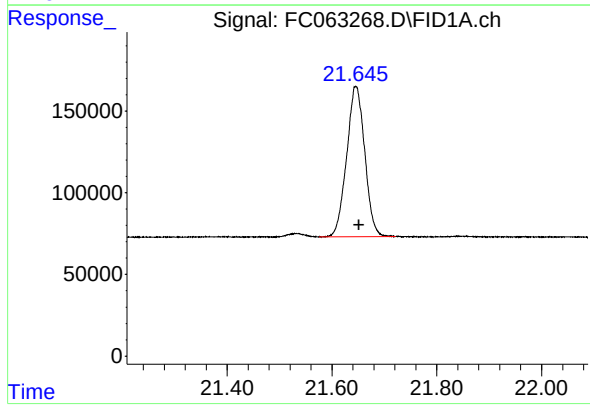
R.T.: 20.024 min
Delta R.T.: -0.004 min
Response: 2463181
Conc: 22.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.752 min
Delta R.T.: -0.005 min
Response: 2352317
Conc: 21.77 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.645 min
Delta R.T.: -0.006 min
Response: 2205513
Conc: 20.83 ug/ml