

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042023AL\
 Data File : FC063427.D
 Signal(s) : FID1A.ch
 Acq On : 20 Apr 2023 14:11
 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: Apr 21 02:16:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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)	11.545	3098433	20.365 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
12) S 1-chlorooctadecane (S...	12.980	2360909	21.337 ug/ml
Spiked Amount 50.000		Recovery =	42.67%
Target Compounds			
1) T n-Nonane (C9)	3.307	2878986	20.506 ug/ml
2) T n-Decane (C10)	4.375	2846188	20.886 ug/ml
3) T A~Naphthalene (C11.7)	5.961	3153660	20.885 ug/ml
4) T n-Dodecane (C12)	6.394	2834126	21.067 ug/ml
5) T A~2-methylnaphthalene...	7.019	2939513	21.105 ug/ml
6) T n-Tetradecane (C14)	8.189	2783822	20.564 ug/ml
7) T n-Hexadecane (C16)	9.789	2819659	20.764 ug/ml
8) T n-Octadecane (C18)	11.229	2826922	20.409 ug/ml
10) T n-Eicosane (C20)	12.537	2751310	20.479 ug/ml
11) T n-Heneicosane (C21)	13.147	2782827	20.677 ug/ml
13) T n-Docosane (C22)	13.734	2730289	20.474 ug/ml
14) T n-Tetracosane (C24)	14.834	2800974	20.832 ug/ml
15) T n-Hexacosane (C26)	15.853	2782709	20.789 ug/ml
16) T n-Octacosane (C28)	16.800	2837533	20.956 ug/ml
17) T n-Tricontane (C30)	17.687	2965516	21.437 ug/ml
18) T n-Dotriacontane (C32)	18.516	3041588	21.544 ug/ml
19) T n-Tetratriacontane (C34)	19.299	2965334	21.488 ug/ml
20) T n-Hexatriacontane (C36)	20.037	2862203	22.393 ug/ml
21) T n-Octatriacontane (C38)	20.768	2832744	23.006 ug/ml
22) T n-Tetracontane (C40)	21.667	2870152	24.390 ug/ml

(f)=RT Delta > 1/2 Window

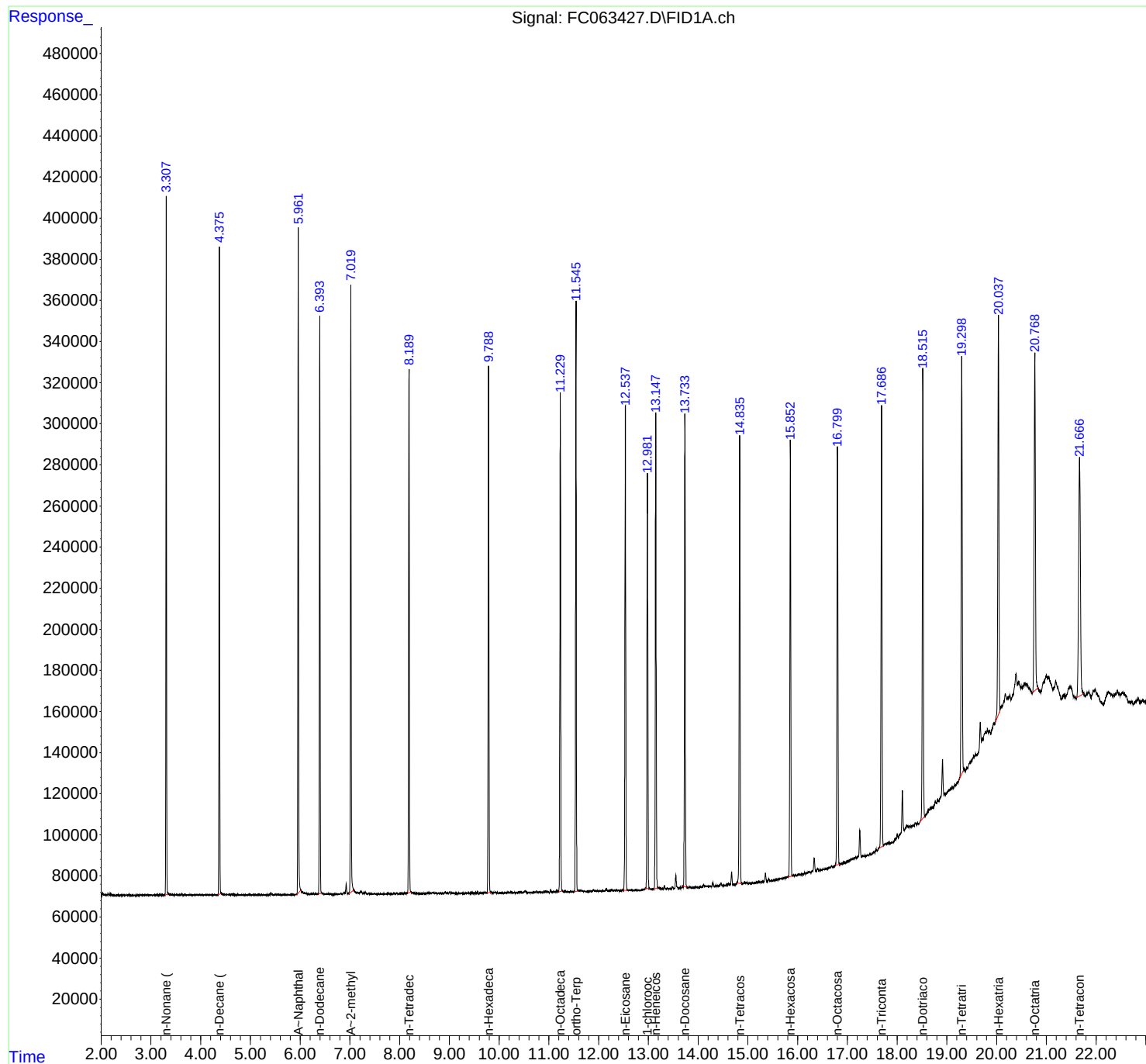
(m)=manual int.

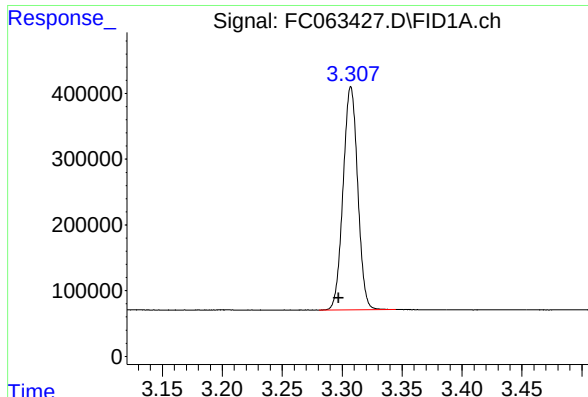
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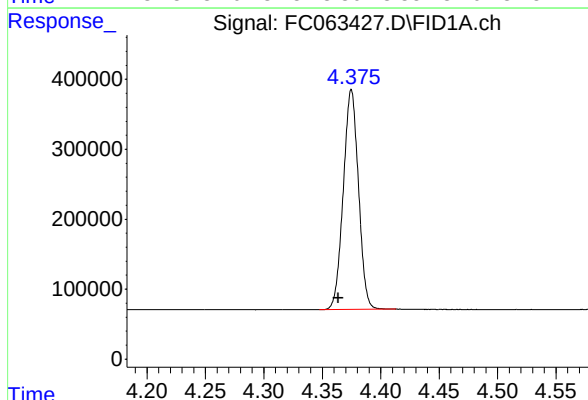




#1 n-Nonane (C9)

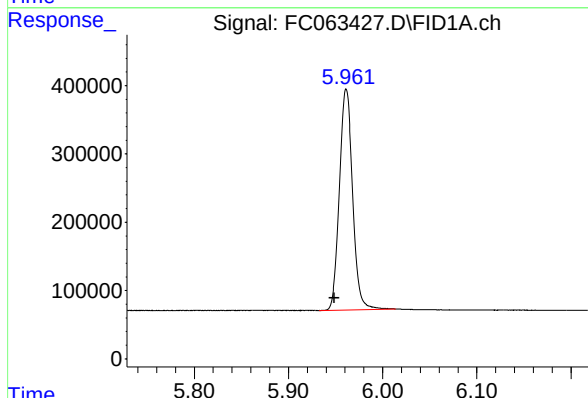
R.T.: 3.307 min
Delta R.T.: 0.010 min
Response: 2878986
Conc: 20.51 ug/ml

Instrument :
FID_C
ClientSampleId :



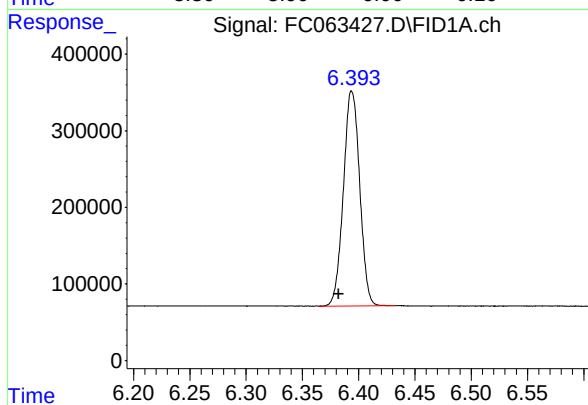
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: 0.011 min
Response: 2846188
Conc: 20.89 ug/ml



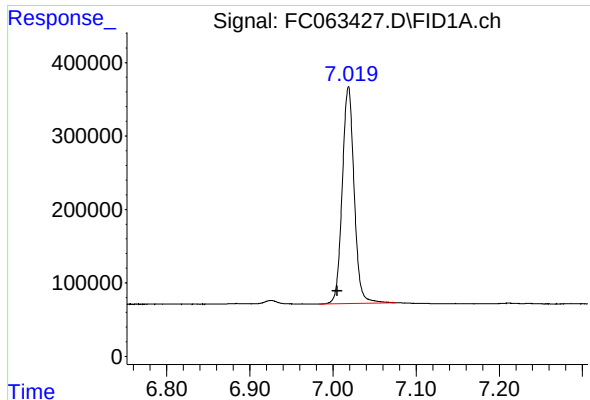
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: 0.013 min
Response: 3153660
Conc: 20.88 ug/ml



#4 n-Dodecane (C12)

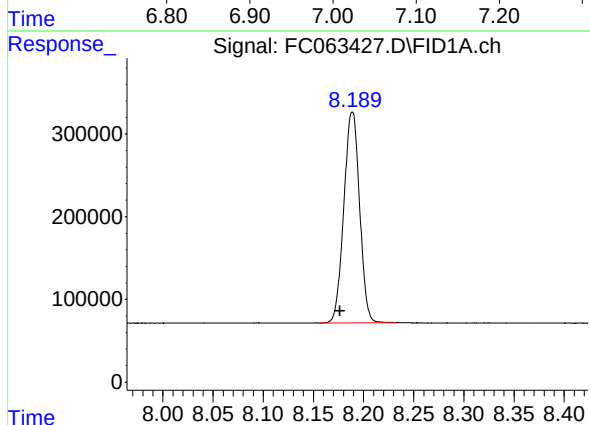
R.T.: 6.394 min
Delta R.T.: 0.012 min
Response: 2834126
Conc: 21.07 ug/ml



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

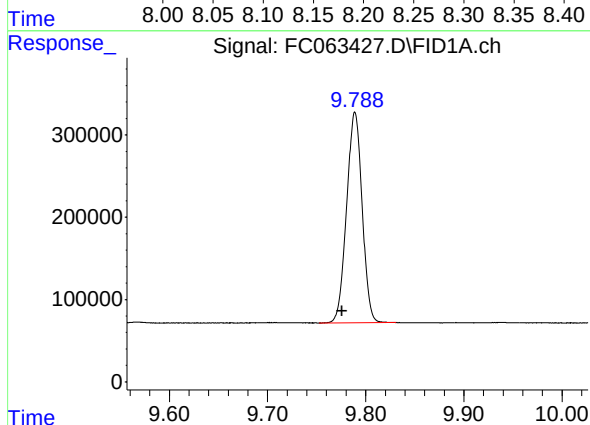
R.T.: 7.019 min
Delta R.T.: 0.013 min
Response: 2939513
Conc: 21.10 ug/ml

Instrument :
FID_C
ClientSampleId :



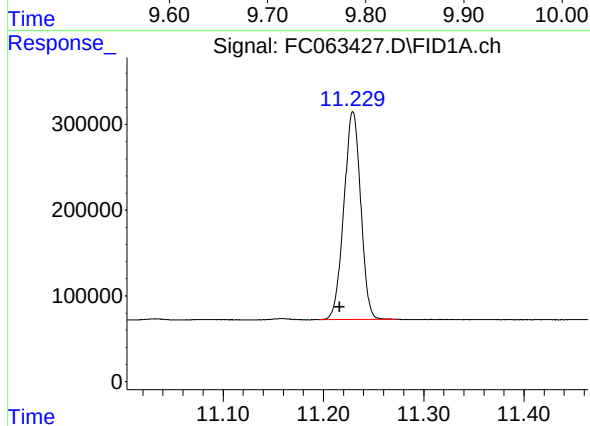
#6 n-Tetradecane (C14)

R.T.: 8.189 min
Delta R.T.: 0.012 min
Response: 2783822
Conc: 20.56 ug/ml



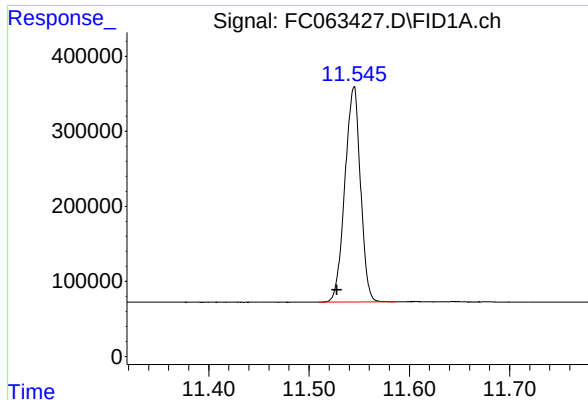
#7 n-Hexadecane (C16)

R.T.: 9.789 min
Delta R.T.: 0.013 min
Response: 2819659
Conc: 20.76 ug/ml



#8 n-Octadecane (C18)

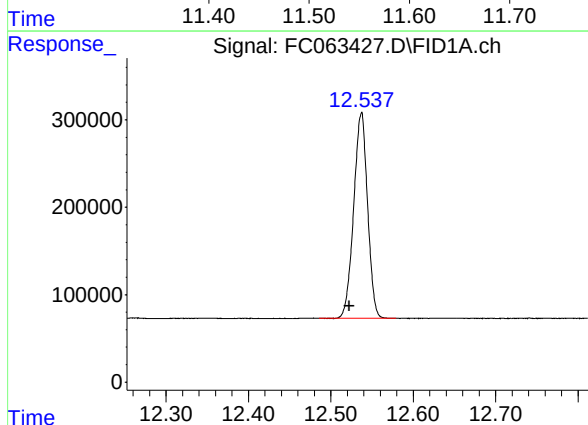
R.T.: 11.229 min
Delta R.T.: 0.013 min
Response: 2826922
Conc: 20.41 ug/ml



#9 ortho-Terphenyl (SURR)

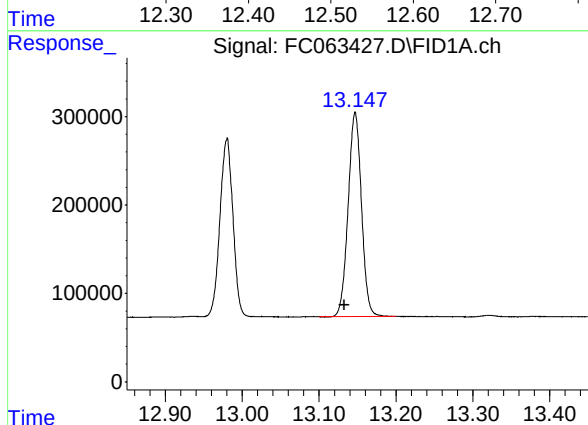
R.T.: 11.545 min
Delta R.T.: 0.017 min
Response: 3098433
Conc: 20.36 ug/ml

Instrument :
FID_C
ClientSampleId :



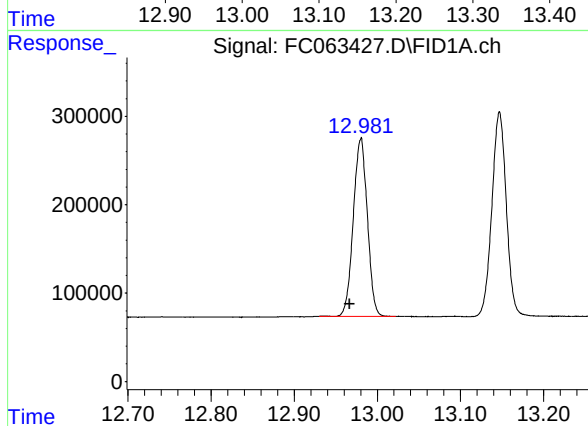
#10 n-Eicosane (C20)

R.T.: 12.537 min
Delta R.T.: 0.015 min
Response: 2751310
Conc: 20.48 ug/ml



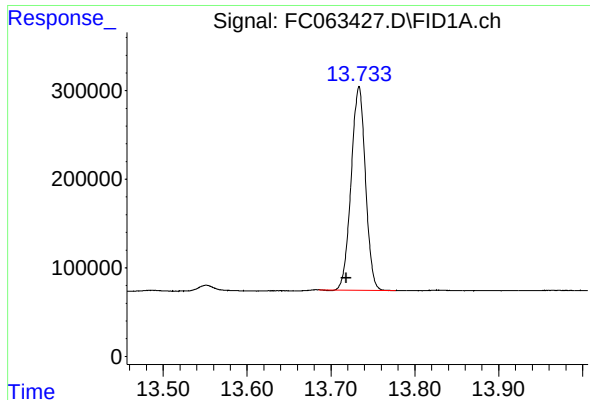
#11 n-Heneicosane (C21)

R.T.: 13.147 min
Delta R.T.: 0.014 min
Response: 2782827
Conc: 20.68 ug/ml



#12 1-chlorooctadecane (SURR)

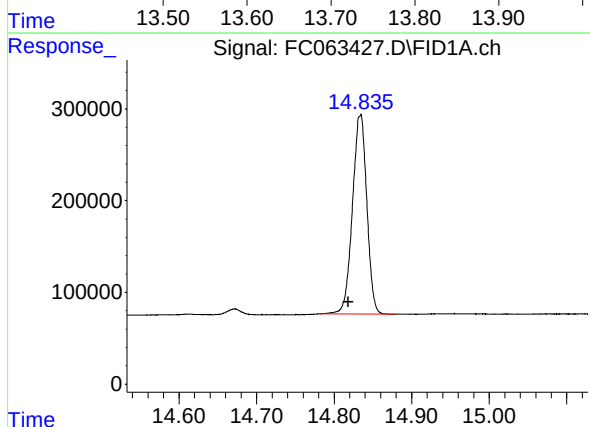
R.T.: 12.980 min
Delta R.T.: 0.013 min
Response: 2360909
Conc: 21.34 ug/ml



#13 n-Docosane (C22)

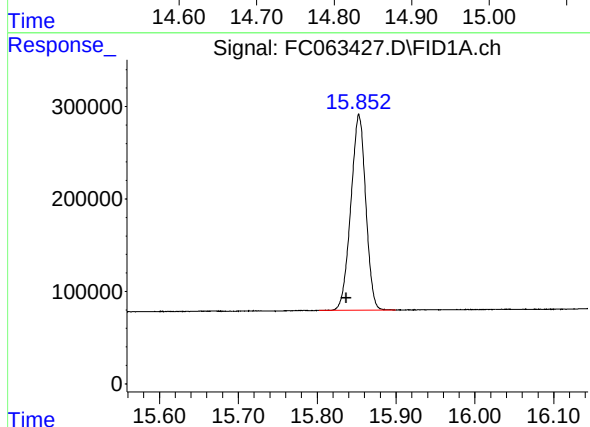
R.T.: 13.734 min
Delta R.T.: 0.015 min
Response: 2730289
Conc: 20.47 ug/ml

Instrument :
FID_C
ClientSampleId :



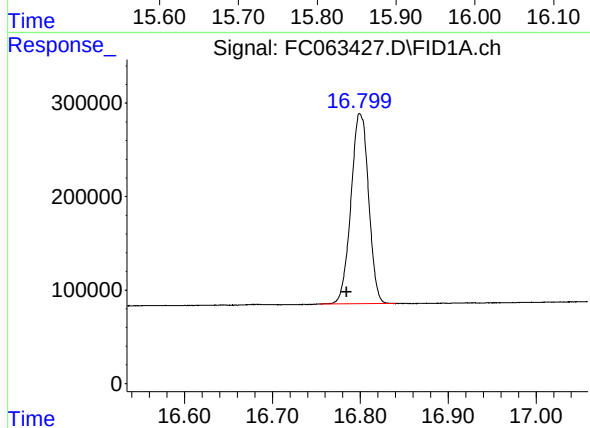
#14 n-Tetracosane (C24)

R.T.: 14.834 min
Delta R.T.: 0.016 min
Response: 2800974
Conc: 20.83 ug/ml



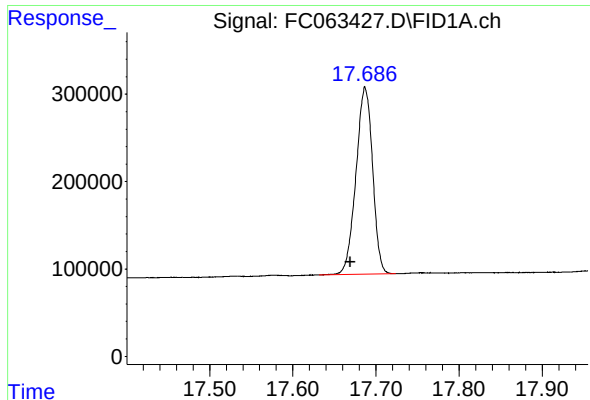
#15 n-Hexacosane (C26)

R.T.: 15.853 min
Delta R.T.: 0.016 min
Response: 2782709
Conc: 20.79 ug/ml



#16 n-Octacosane (C28)

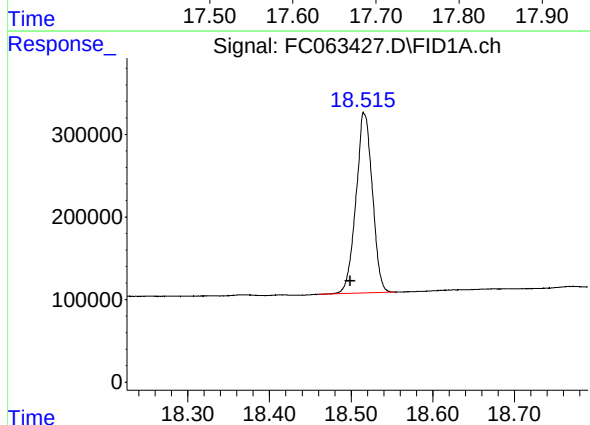
R.T.: 16.800 min
Delta R.T.: 0.015 min
Response: 2837533
Conc: 20.96 ug/ml



#17 n-Tricontane (C30)

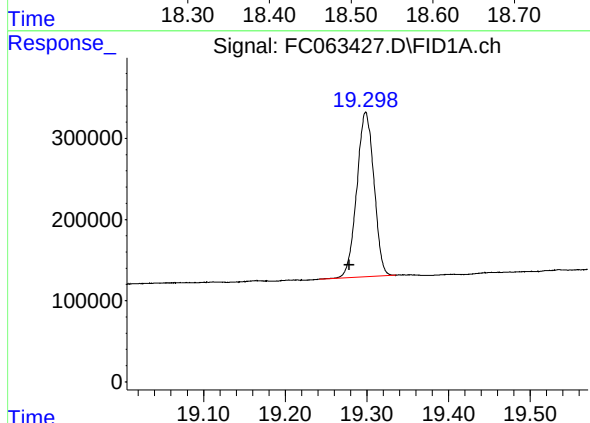
R.T.: 17.687 min
Delta R.T.: 0.018 min
Response: 2965516
Conc: 21.44 ug/ml

Instrument :
FID_C
ClientSampleId :



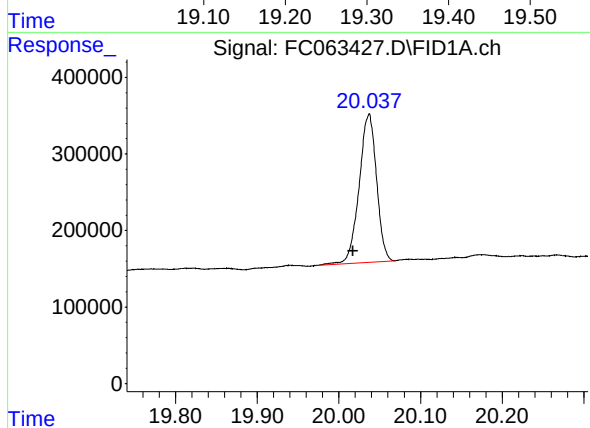
#18 n-Dotriacontane (C32)

R.T.: 18.516 min
Delta R.T.: 0.017 min
Response: 3041588
Conc: 21.54 ug/ml



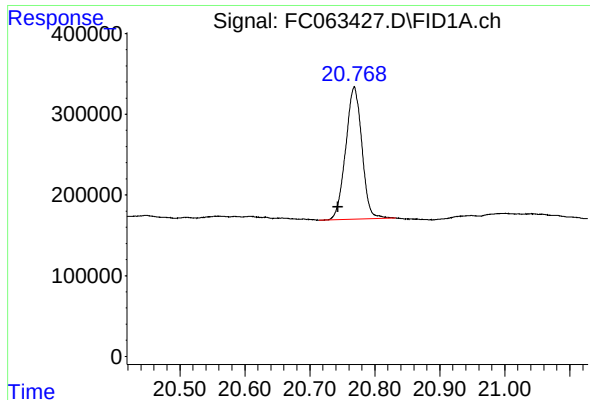
#19 n-Tetratriacontane (C34)

R.T.: 19.299 min
Delta R.T.: 0.020 min
Response: 2965334
Conc: 21.49 ug/ml



#20 n-Hexatriacontane (C36)

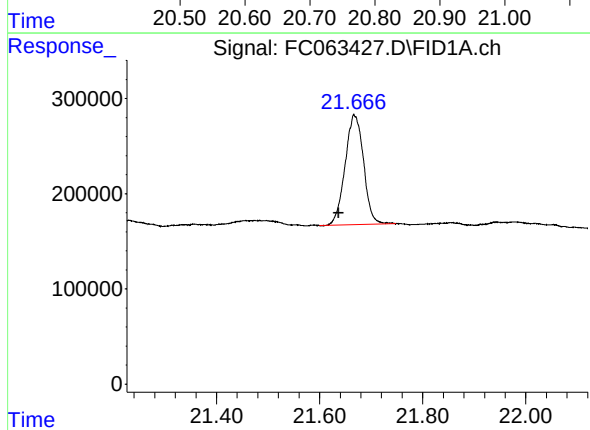
R.T.: 20.037 min
Delta R.T.: 0.020 min
Response: 2862203
Conc: 22.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.768 min
Delta R.T.: 0.025 min
Response: 2832744
Conc: 23.01 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.667 min
Delta R.T.: 0.030 min
Response: 2870152
Conc: 24.39 ug/ml