

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050123AL\
 Data File : FC063508.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 03:28
 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: May 02 04:01:35 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)	11.534	3730476	24.519 ug/ml
Spiked Amount 50.000		Recovery =	49.04%
12) S 1-chlorooctadecane (S...	12.970	2610395	23.592 ug/ml
Spiked Amount 50.000		Recovery =	47.18%
Target Compounds			
1) T n-Nonane (C9)	3.298	3284575	23.395 ug/ml
2) T n-Decane (C10)	4.366	3286284	24.116 ug/ml
3) T A~Naphthalene (C11.7)	5.950	3633082	24.060 ug/ml
4) T n-Dodecane (C12)	6.384	3279059	24.375 ug/ml
5) T A~2-methylnaphthalene...	7.007	3358306	24.112 ug/ml
6) T n-Tetradecane (C14)	8.178	3251893	24.021 ug/ml
7) T n-Hexadecane (C16)	9.779	3318234	24.435 ug/ml
8) T n-Octadecane (C18)	11.219	3411621	24.630 ug/ml
10) T n-Eicosane (C20)	12.527	3296767	24.539 ug/ml
11) T n-Heneicosane (C21)	13.137	3304271	24.551 ug/ml
13) T n-Docosane (C22)	13.723	3280536	24.600 ug/ml
14) T n-Tetracosane (C24)	14.823	3339166	24.835 ug/ml
15) T n-Hexacosane (C26)	15.843	3304848	24.690 ug/ml
16) T n-Octacosane (C28)	16.791	3369693	24.887 ug/ml
17) T n-Tricontane (C30)	17.676	3518864	25.438 ug/ml
18) T n-Dotriacontane (C32)	18.506	3572221	25.303 ug/ml
19) T n-Tetratriacontane (C34)	19.287	3321642	24.069 ug/ml
20) T n-Hexatriacontane (C36)	20.023	2872446	22.473 ug/ml
21) T n-Octatriacontane (C38)	20.753	2444091	19.849 ug/ml
22) T n-Tetracontane (C40)	21.649	1950315	16.573 ug/ml

(f)=RT Delta > 1/2 Window

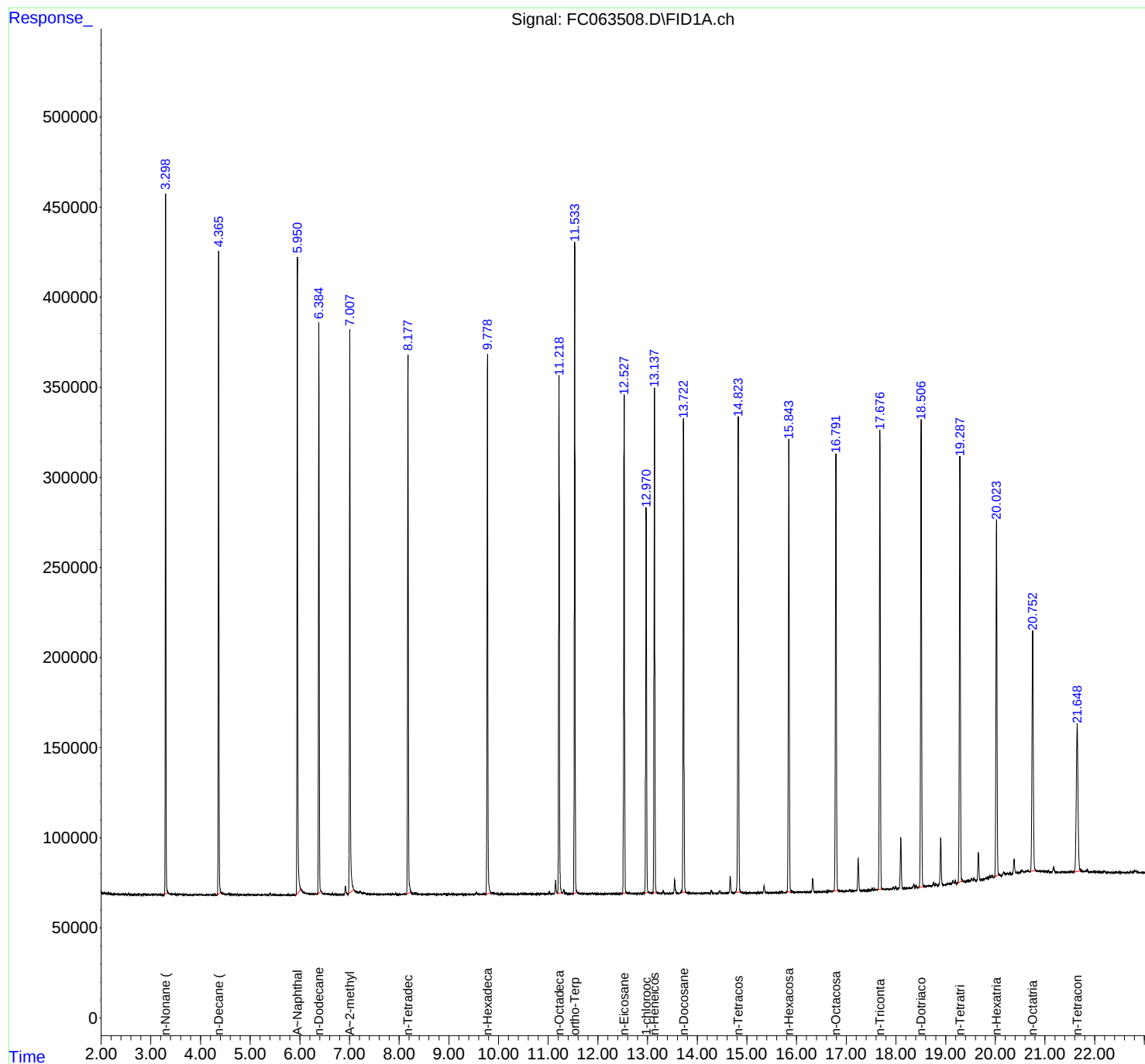
(m)=manual int.

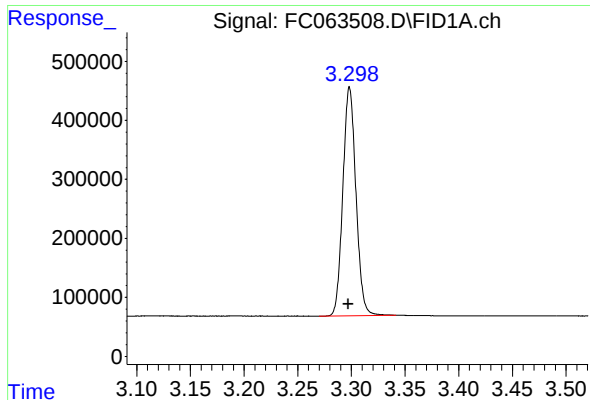
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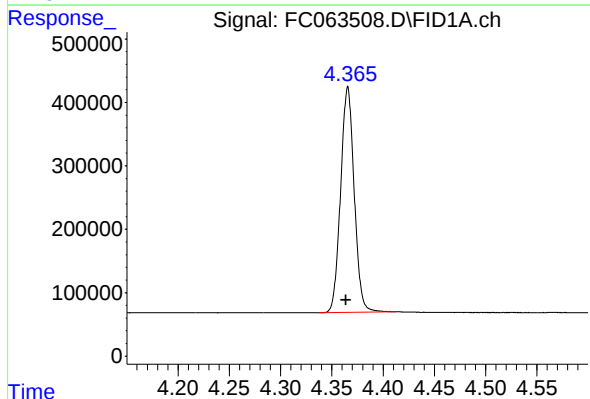




#1 n-Nonane (C9)

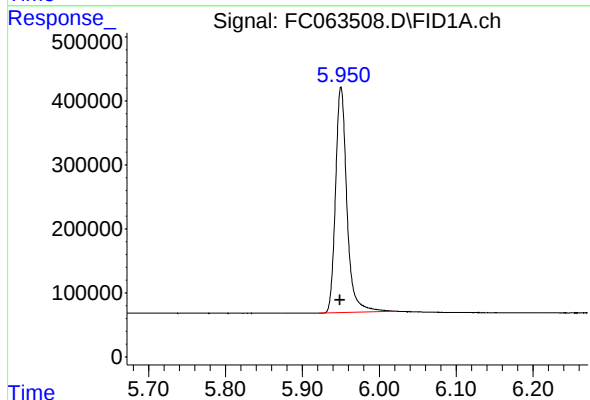
R.T.: 3.298 min
Delta R.T.: 0.001 min
Response: 3284575
Conc: 23.39 ug/ml

Instrument :
FID_C
ClientSampleId :



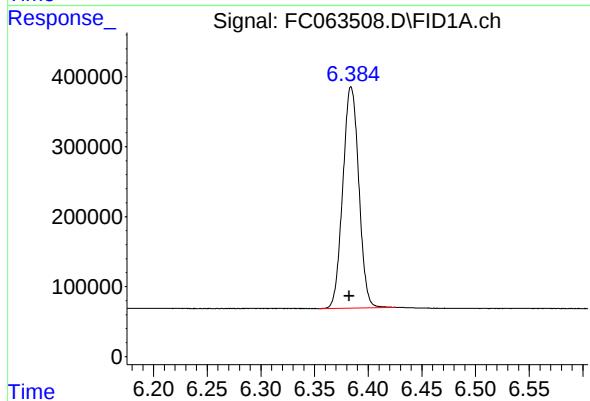
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 3286284
Conc: 24.12 ug/ml



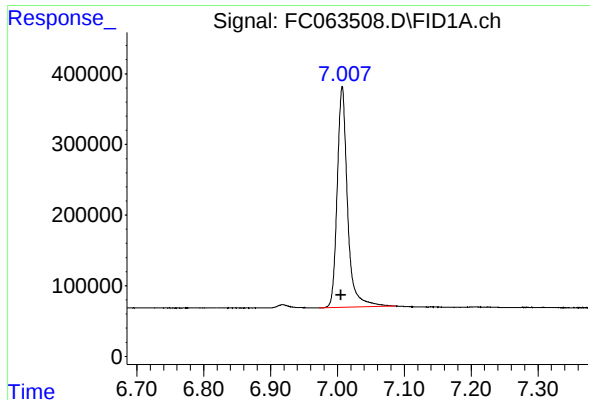
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.001 min
Response: 3633082
Conc: 24.06 ug/ml



#4 n-Dodecane (C12)

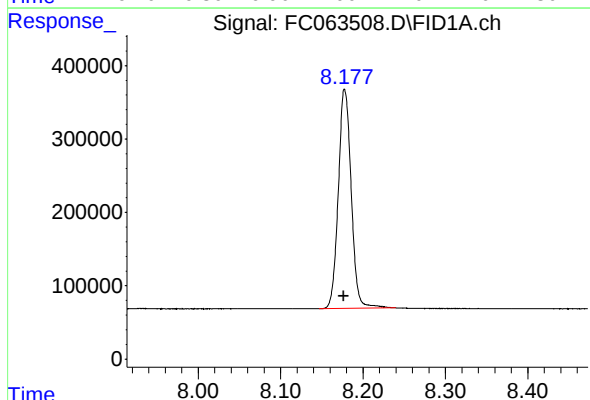
R.T.: 6.384 min
Delta R.T.: 0.002 min
Response: 3279059
Conc: 24.37 ug/ml



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

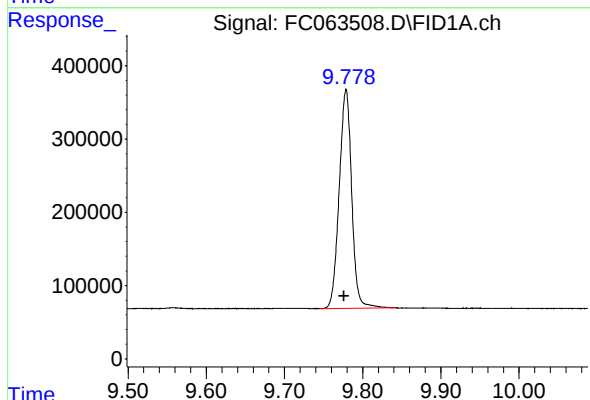
R.T.: 7.007 min
Delta R.T.: 0.002 min
Response: 3358306
Conc: 24.11 ug/ml

Instrument :
FID_C
ClientSampleId :



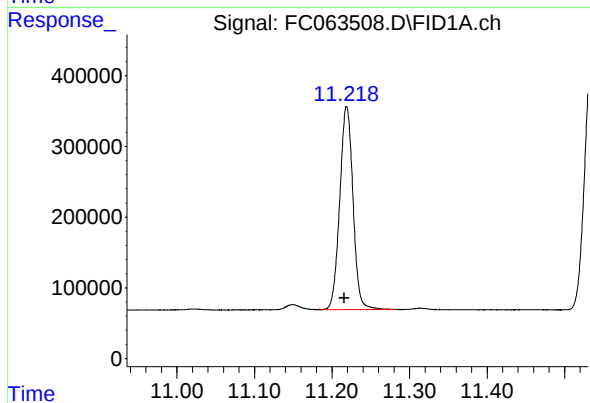
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.001 min
Response: 3251893
Conc: 24.02 ug/ml



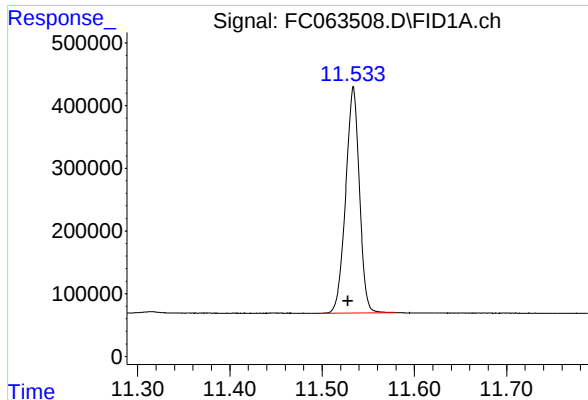
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: 0.003 min
Response: 3318234
Conc: 24.44 ug/ml



#8 n-Octadecane (C18)

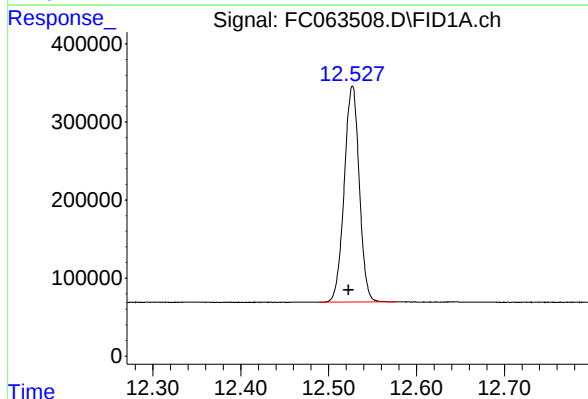
R.T.: 11.219 min
Delta R.T.: 0.003 min
Response: 3411621
Conc: 24.63 ug/ml



#9 ortho-Terphenyl (SURR)

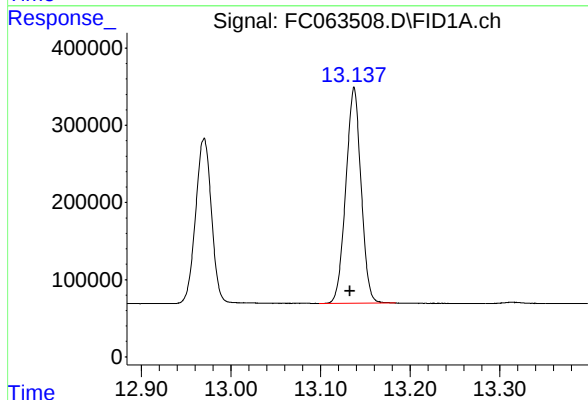
R.T.: 11.534 min
Delta R.T.: 0.006 min
Response: 3730476
Conc: 24.52 ug/ml

Instrument :
FID_C
ClientSampleId :



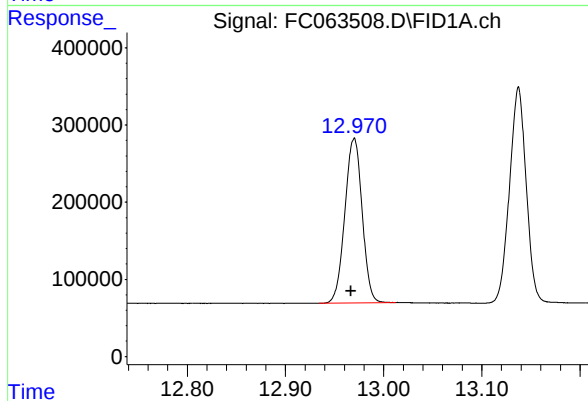
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: 0.005 min
Response: 3296767
Conc: 24.54 ug/ml



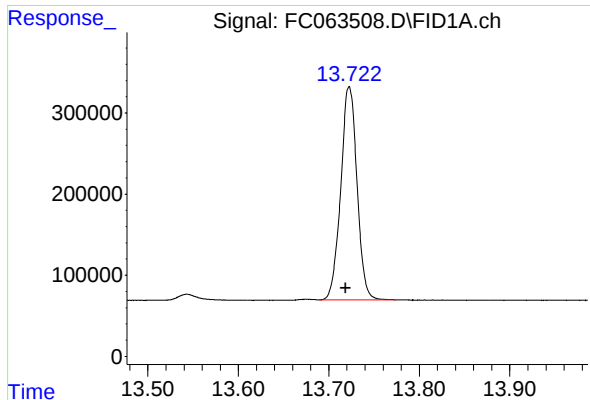
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.004 min
Response: 3304271
Conc: 24.55 ug/ml



#12 1-chlorooctadecane (SURR)

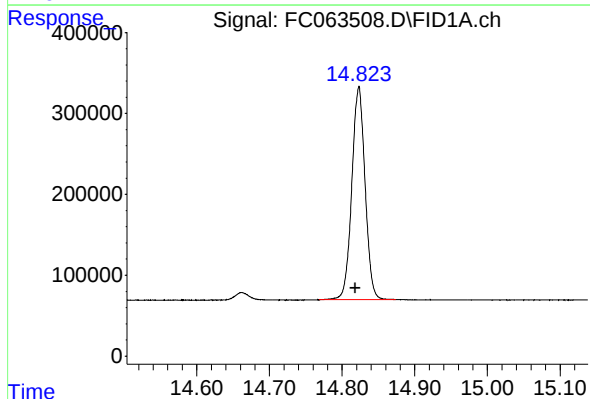
R.T.: 12.970 min
Delta R.T.: 0.003 min
Response: 2610395
Conc: 23.59 ug/ml



#13 n-Docosane (C22)

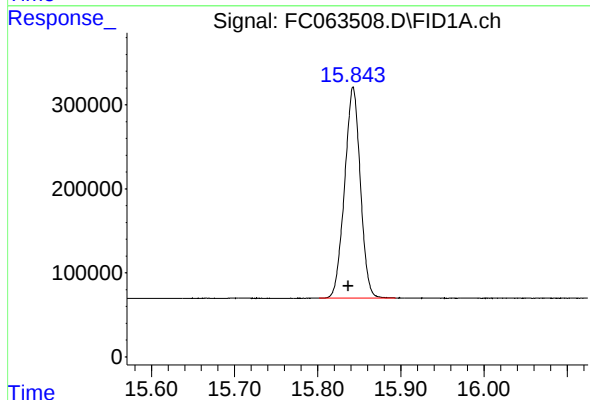
R.T.: 13.723 min
Delta R.T.: 0.004 min
Response: 3280536
Conc: 24.60 ug/ml

Instrument :
FID_C
ClientSampleId :



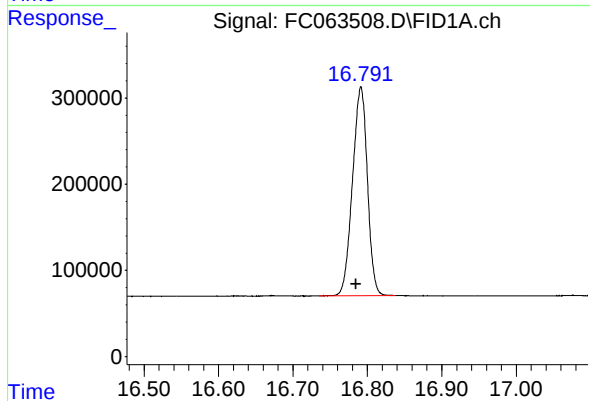
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: 0.005 min
Response: 3339166
Conc: 24.83 ug/ml



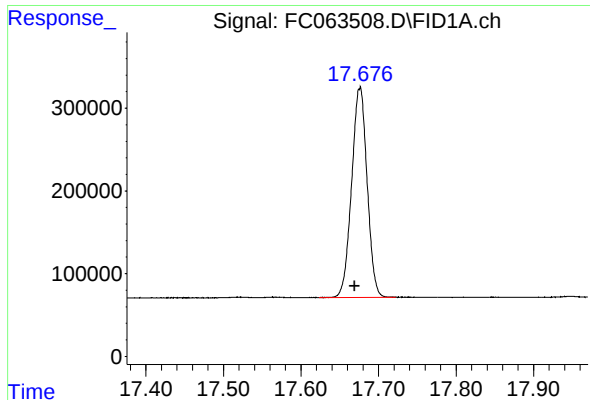
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: 0.006 min
Response: 3304848
Conc: 24.69 ug/ml



#16 n-Octacosane (C28)

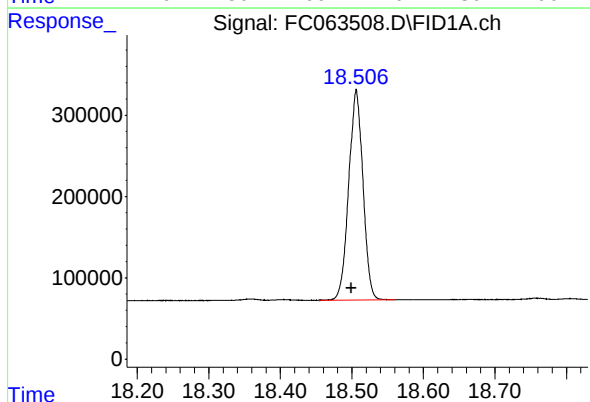
R.T.: 16.791 min
Delta R.T.: 0.007 min
Response: 3369693
Conc: 24.89 ug/ml



#17 n-Tricontane (C30)

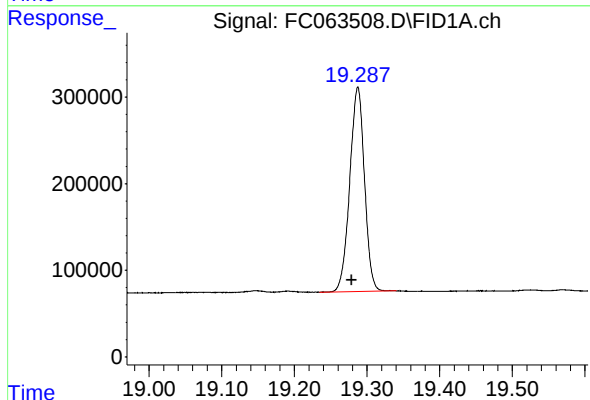
R.T.: 17.676 min
Delta R.T.: 0.007 min
Response: 3518864
Conc: 25.44 ug/ml

Instrument :
FID_C
ClientSampleId :



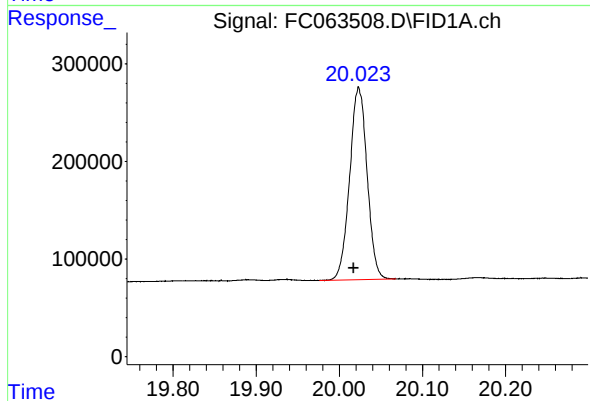
#18 n-Dotriacontane (C32)

R.T.: 18.506 min
Delta R.T.: 0.007 min
Response: 3572221
Conc: 25.30 ug/ml



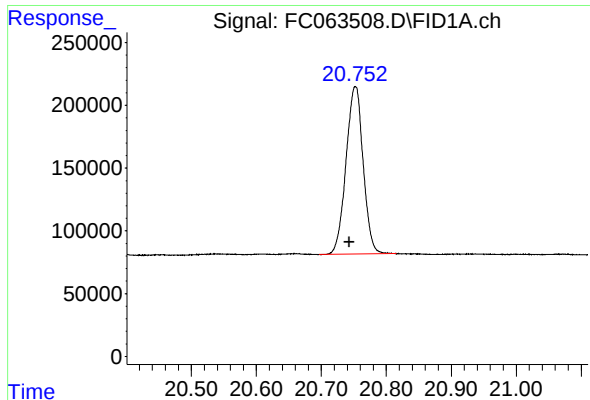
#19 n-Tetratriacontane (C34)

R.T.: 19.287 min
Delta R.T.: 0.009 min
Response: 3321642
Conc: 24.07 ug/ml



#20 n-Hexatriacontane (C36)

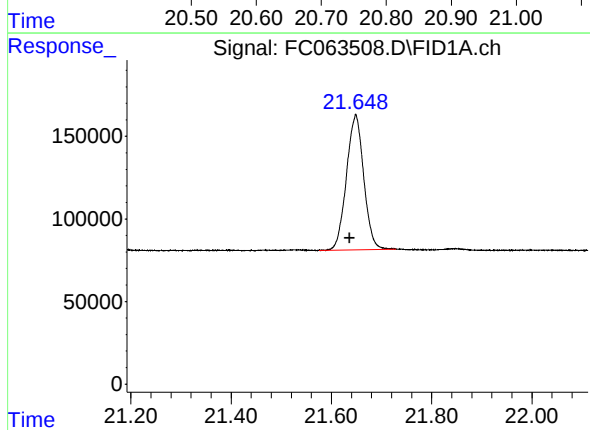
R.T.: 20.023 min
Delta R.T.: 0.006 min
Response: 2872446
Conc: 22.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.753 min
Delta R.T.: 0.009 min
Response: 2444091
Conc: 19.85 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.649 min
Delta R.T.: 0.012 min
Response: 1950315
Conc: 16.57 ug/ml