

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101419AL\
 Data File : FC043997.D
 Signal(s) : FID1A.CH
 Acq On : 15 Oct 2019 13:42
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 15 16:22:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 12 00:05:39 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.563	2987961	19.686 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
12) S 1-chlorooctadecane (S...	12.983	2276088	19.198 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
Target Compounds			
1) T n-Nonane (C9)	3.419	2717638	22.478 ug/ml
2) T n-Decane (C10)	4.471	2782893	22.992 ug/ml
3) T A~Naphthalene (C11.7)	6.049	2671116	22.688 ug/ml
4) T n-Dodecane (C12)	6.460	2921877	23.101 ug/ml
5) T A~2-methylnaphthalene...	7.094	2627722	21.806 ug/ml
6) T n-Tetradecane (C14)	8.233	2928337	22.750 ug/ml
7) T n-Hexadecane (C16)	9.816	2919565	22.173 ug/ml
8) T n-Octadecane (C18)	11.243	2870470	21.046 ug/ml
10) T n-Eicosane (C20)	12.541	2785242	19.955 ug/ml
11) T n-Heneicosane (C21)	13.147	2753446	19.375 ug/ml
13) T n-Docosane (C22)	13.727	2675272	18.828 ug/ml
14) T n-Tetracosane (C24)	14.822	2602872	18.131 ug/ml
15) T n-Hexacosane (C26)	15.835	2542681	17.781 ug/ml
16) T n-Octacosane (C28)	16.779	2540310	17.920 ug/ml
17) T n-Tricontane (C30)	17.660	2596673	18.515 ug/ml
18) T n-Dotriacontane (C32)	18.487	2570704	19.353 ug/ml
19) T n-Tetratriacontane (C34)	19.266	2496754	19.983 ug/ml
21) T n-Octatriacontane (C38)	20.720	2291688	21.532 ug/ml
22) T n-Tetracontane (C40)	21.596f	2328079	22.266 ug/ml

(f)=RT Delta > 1/2 Window

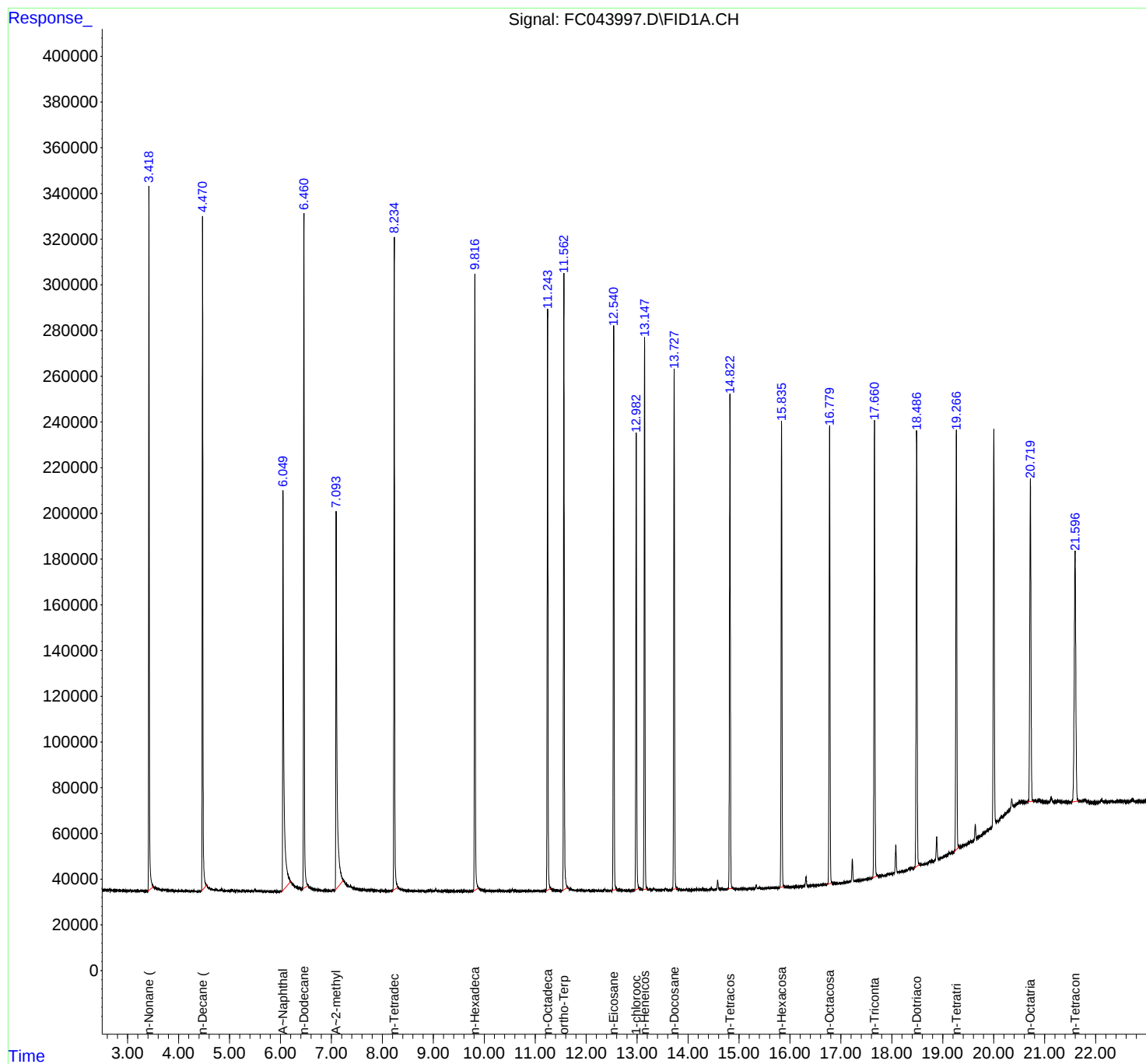
(m)=manual int.

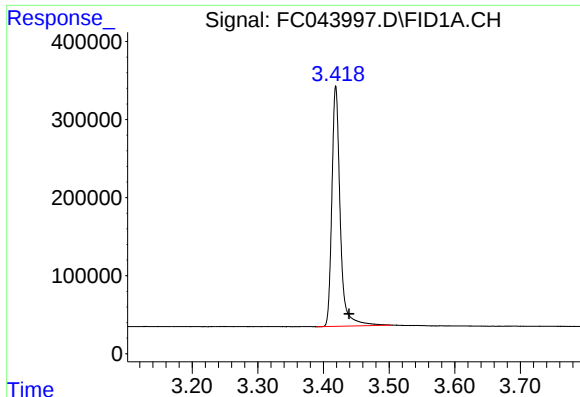
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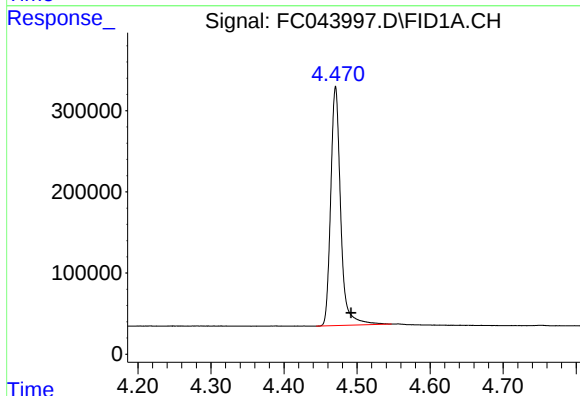




#1 n-Nonane (C9)

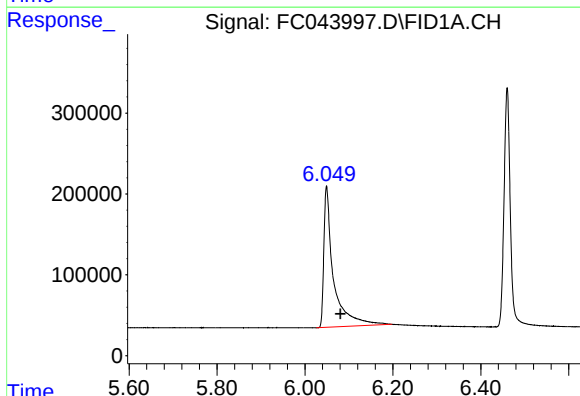
R.T.: 3.419 min
Delta R.T.: -0.020 min
Response: 2717638
Conc: 22.48 ug/ml

Instrument :
FID_C
ClientSampleId :



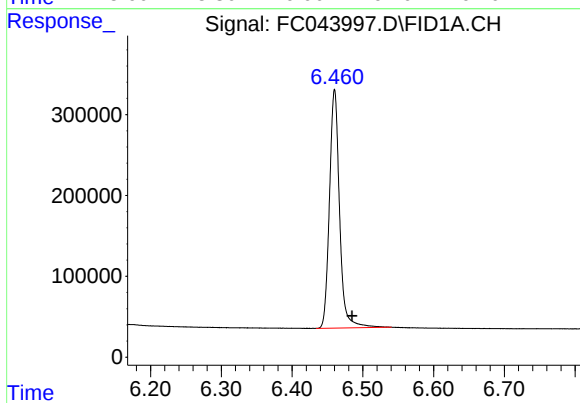
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.021 min
Response: 2782893
Conc: 22.99 ug/ml



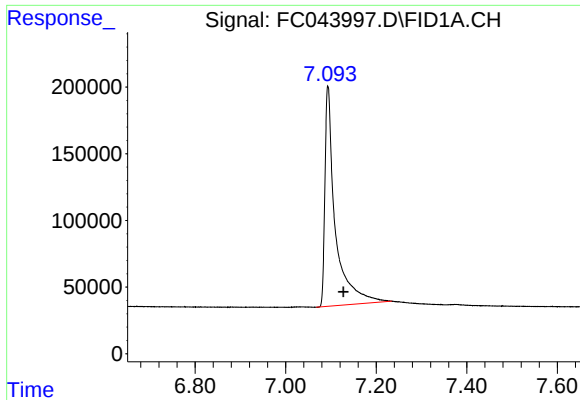
#3 A~Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.031 min
Response: 2671116
Conc: 22.69 ug/ml



#4 n-Dodecane (C12)

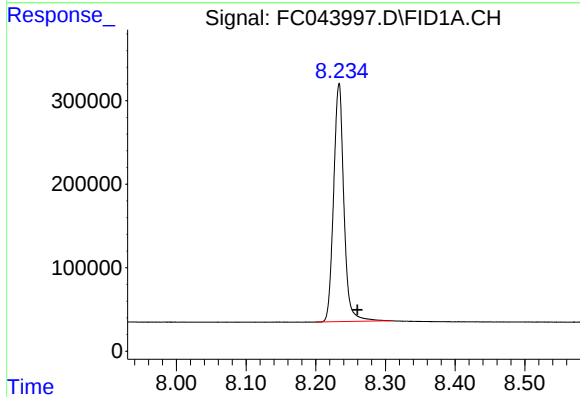
R.T.: 6.460 min
Delta R.T.: -0.025 min
Response: 2921877
Conc: 23.10 ug/ml



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

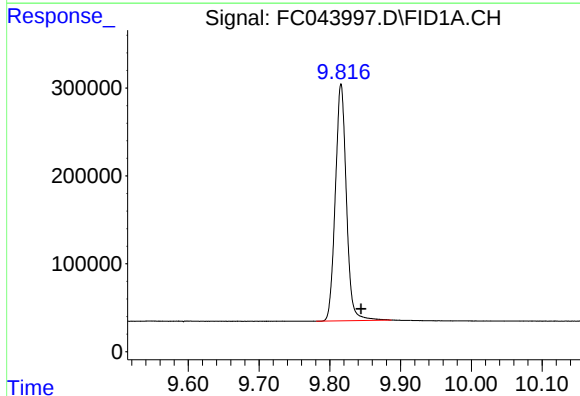
R.T.: 7.094 min
Delta R.T.: -0.034 min
Response: 2627722
Conc: 21.81 ug/ml

Instrument :
FID_C
ClientSampleId :



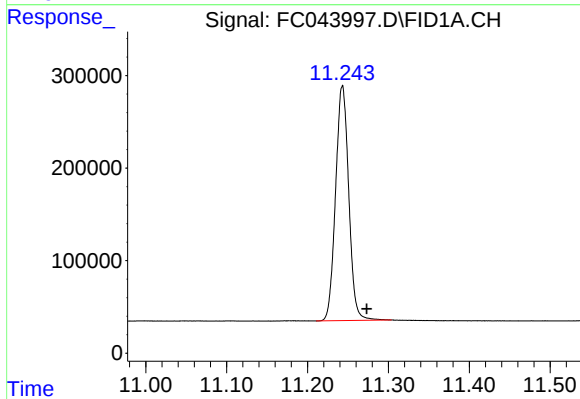
#6 n-Tetradecane (C14)

R.T.: 8.233 min
Delta R.T.: -0.026 min
Response: 2928337
Conc: 22.75 ug/ml



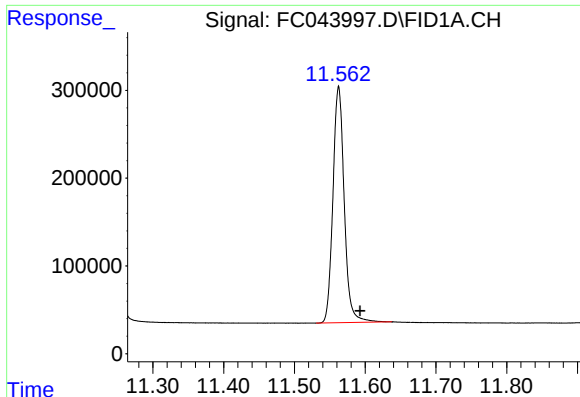
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: -0.028 min
Response: 2919565
Conc: 22.17 ug/ml



#8 n-Octadecane (C18)

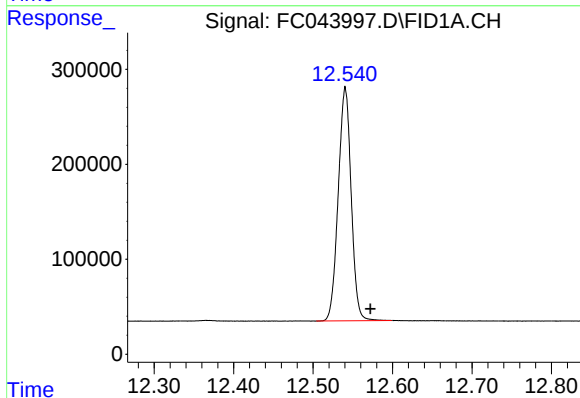
R.T.: 11.243 min
Delta R.T.: -0.030 min
Response: 2870470
Conc: 21.05 ug/ml



#9 ortho-Terphenyl (SURR)

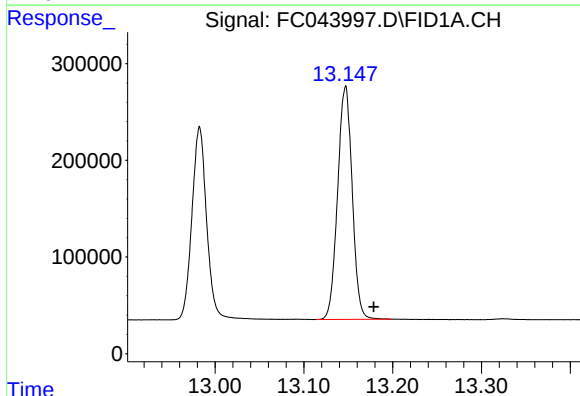
R.T.: 11.563 min
Delta R.T.: -0.030 min
Response: 2987961
Conc: 19.69 ug/ml

Instrument :
FID_C
ClientSampleId :



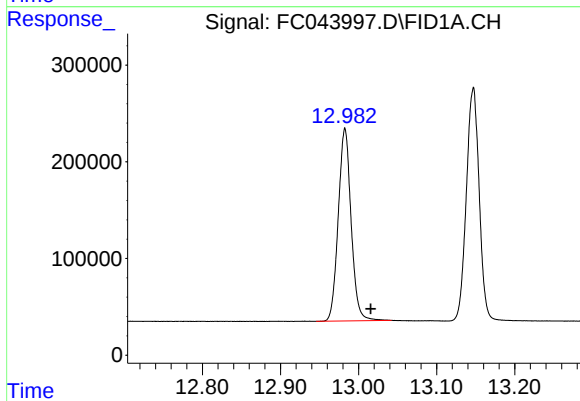
#10 n-Eicosane (C20)

R.T.: 12.541 min
Delta R.T.: -0.032 min
Response: 2785242
Conc: 19.96 ug/ml



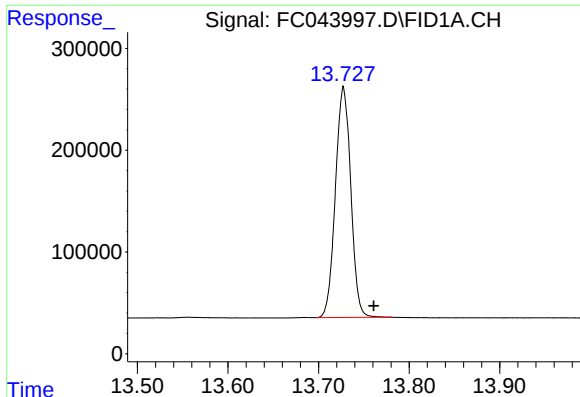
#11 n-Heneicosane (C21)

R.T.: 13.147 min
Delta R.T.: -0.032 min
Response: 2753446
Conc: 19.37 ug/ml



#12 1-chlorooctadecane (SURR)

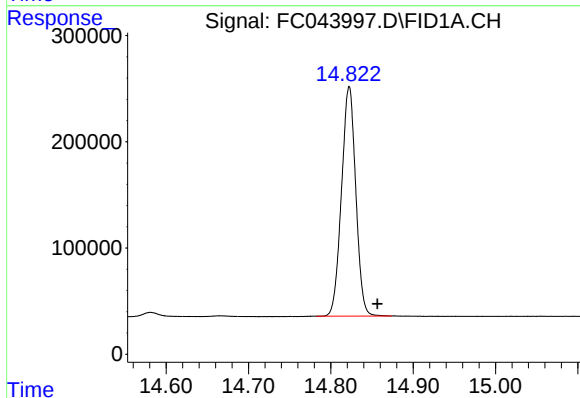
R.T.: 12.983 min
Delta R.T.: -0.033 min
Response: 2276088
Conc: 19.20 ug/ml



#13 n-Docosane (C22)

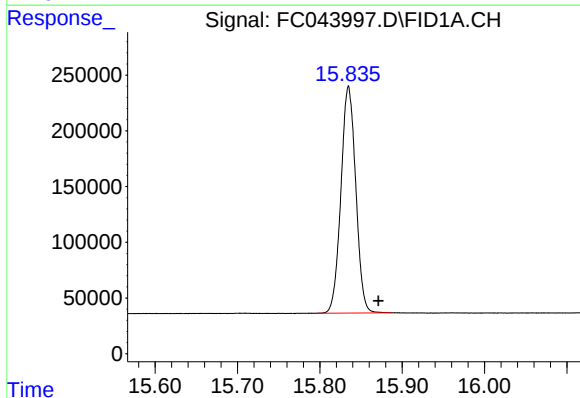
R.T.: 13.727 min
Delta R.T.: -0.034 min
Response: 2675272
Conc: 18.83 ug/ml

Instrument :
FID_C
ClientSampleId :



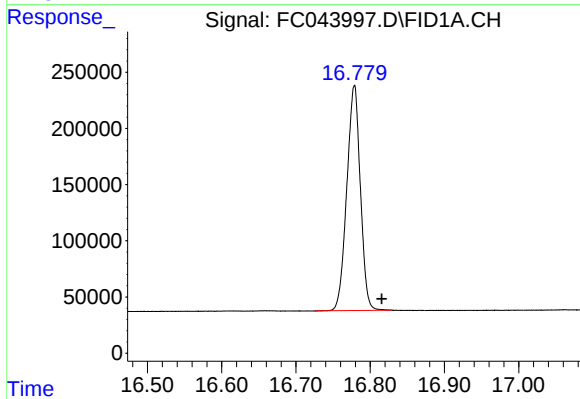
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: -0.034 min
Response: 2602872
Conc: 18.13 ug/ml



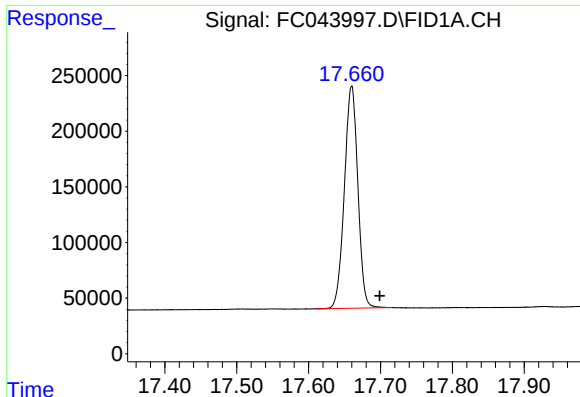
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: -0.036 min
Response: 2542681
Conc: 17.78 ug/ml



#16 n-Octacosane (C28)

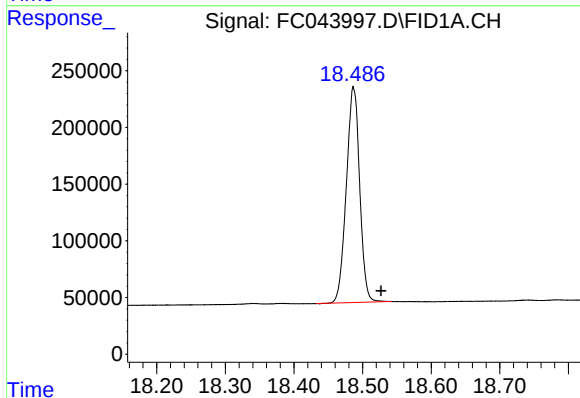
R.T.: 16.779 min
Delta R.T.: -0.037 min
Response: 2540310
Conc: 17.92 ug/ml



#17 n-Tricontane (C30)

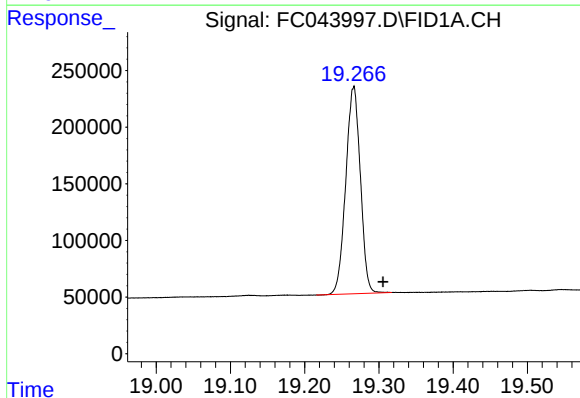
R.T.: 17.660 min
Delta R.T.: -0.039 min
Response: 2596673
Conc: 18.52 ug/ml

Instrument :
FID_C
ClientSampleId :



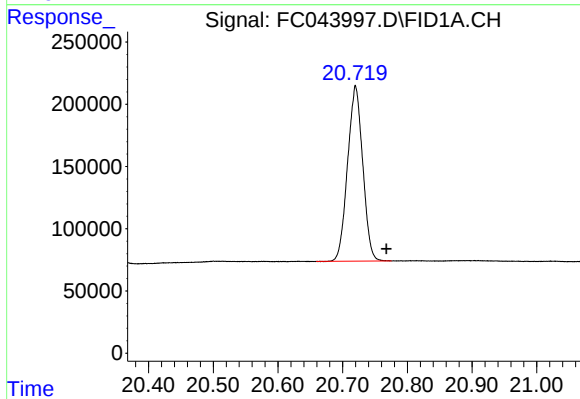
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.040 min
Response: 2570704
Conc: 19.35 ug/ml



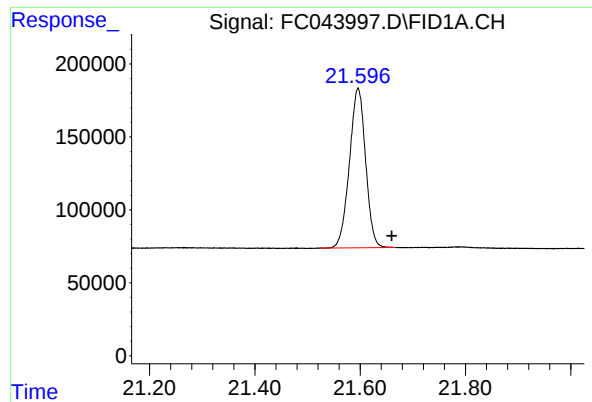
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.040 min
Response: 2496754
Conc: 19.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.720 min
Delta R.T.: -0.047 min
Response: 2291688
Conc: 21.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: -0.064 min
Response: 2328079
Conc: 22.27 ug/ml

Instrument :
FID_C
ClientSampleId :