

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC053122AL\
 Data File : FCCC03.D
 Signal(s) : FID1A.CH
 Acq On : 01 Jun 2022 3:52
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 01 04:46:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 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)	10.650	3747867	24.083 ug/ml
Spiked Amount 50.000		Recovery =	48.17%
12) S 1-chlorooctadecane (S...	12.020	2992827	24.138 ug/ml
Spiked Amount 50.000		Recovery =	48.28%
Target Compounds			
1) T n-Nonane (C9)	2.631	3113530	24.327 ug/ml
2) T n-Decane (C10)	3.628	3121692	24.401 ug/ml
3) T A~Naphthalene (C11.7)	5.163	3558711	24.621 ug/ml
4) T n-Dodecane (C12)	5.580	3249785	24.378 ug/ml
5) T A~2-methylnaphthalene...	6.188	3638155	24.788 ug/ml
6) T n-Tetradecane (C14)	7.332	3331956	24.407 ug/ml
7) T n-Hexadecane (C16)	8.896	3435824	24.488 ug/ml
8) T n-Octadecane (C18)	10.305	3508502	24.516 ug/ml
10) T n-Eicosane (C20)	11.585	3526069	24.715 ug/ml
11) T n-Heneicosane (C21)	12.183	3471902	24.222 ug/ml
13) T n-Docosane (C22)	12.756	3556506	24.958 ug/ml
14) T n-Tetracosane (C24)	13.834	3986540	28.408 ug/ml
15) T n-Hexacosane (C26)	14.833	4041377	29.844 ug/ml
16) T n-Octacosane (C28)	15.762	4142511	31.808 ug/ml
17) T n-Tricontane (C30)	16.630	4000677	32.678 ug/ml
18) T n-Dotriacontane (C32)	17.441	3485905	31.265 ug/ml
19) T n-Tetratriacontane (C34)	18.206	2933111	28.757 ug/ml
20) T n-Hexatriacontane (C36)	18.927	2486689	26.259 ug/ml
21) T n-Octatriacontane (C38)	19.611	2269343	24.597 ug/ml
22) T n-Tetracontane (C40)	20.260	2385532	25.355 ug/ml

(f)=RT Delta > 1/2 Window

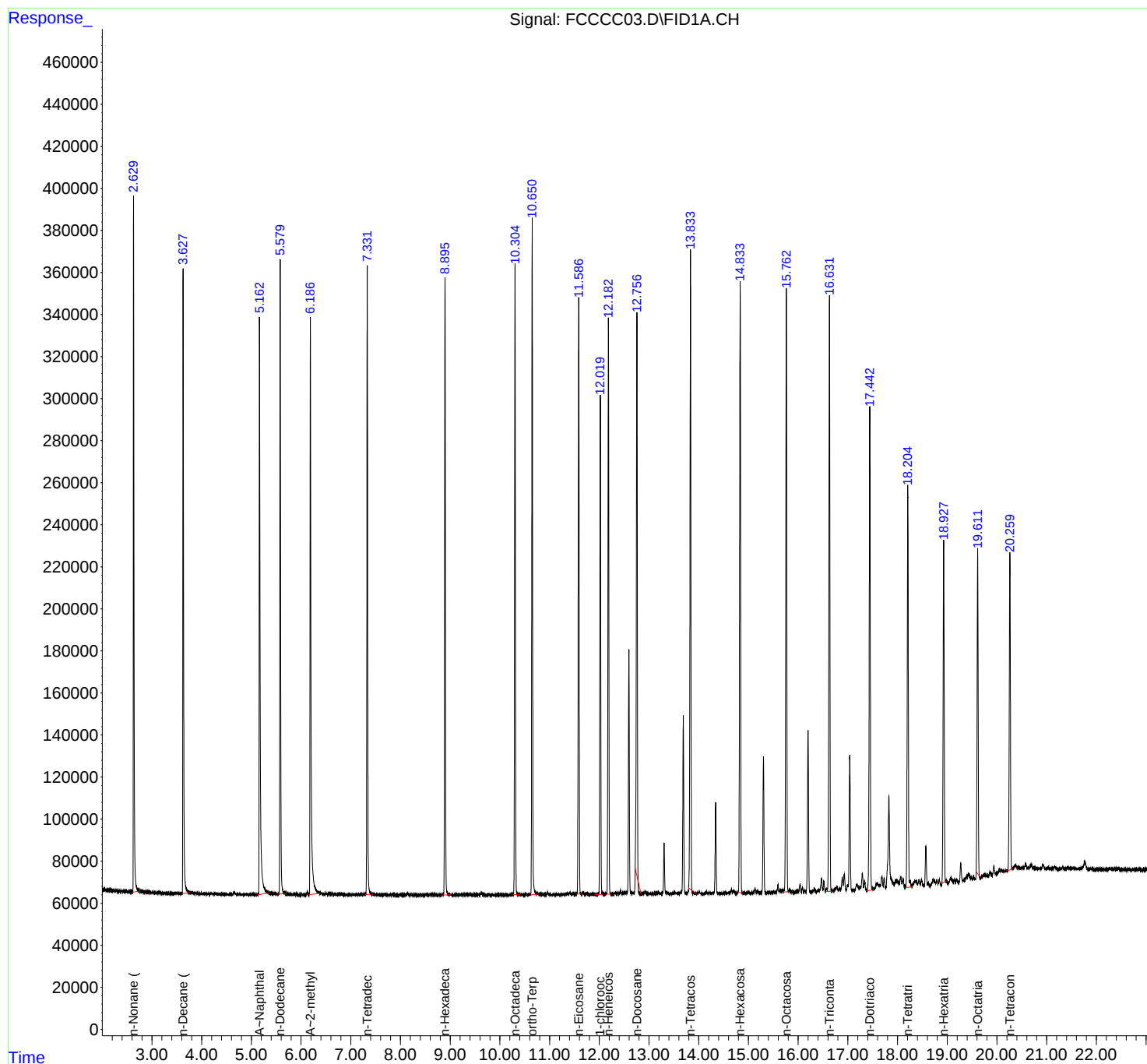
(m)=manual int.

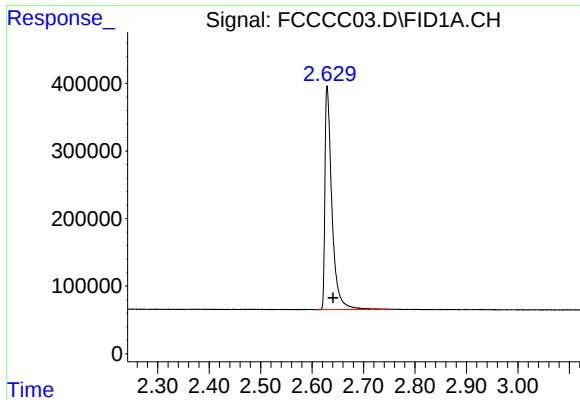
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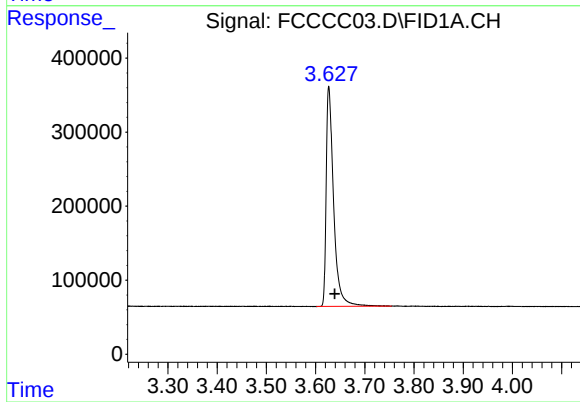




#1 n-Nonane (C9)

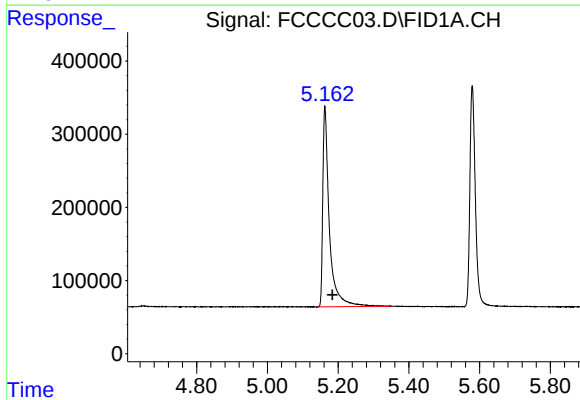
R.T.: 2.631 min
Delta R.T.: -0.010 min
Response: 3113530
Conc: 24.33 ug/ml

Instrument :
FID_C
ClientSampleId :



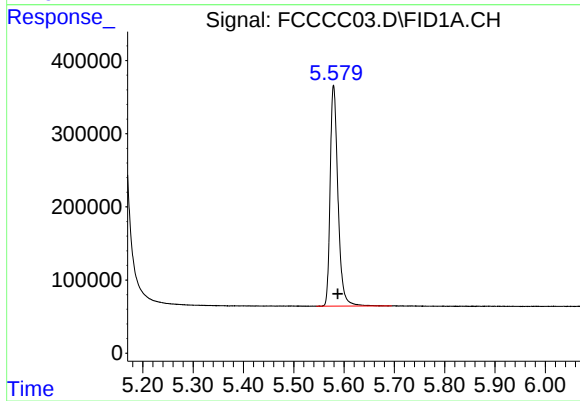
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: -0.011 min
Response: 3121692
Conc: 24.40 ug/ml



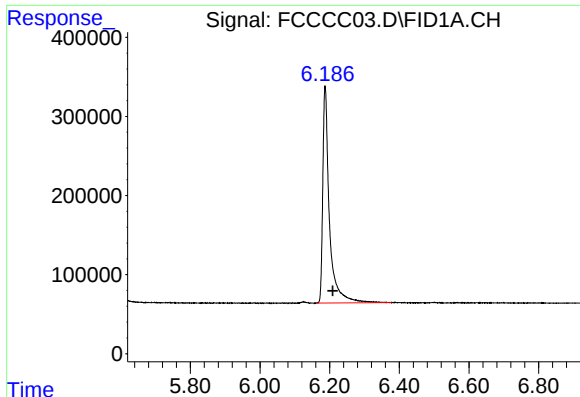
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.020 min
Response: 3558711
Conc: 24.62 ug/ml



#4 n-Dodecane (C12)

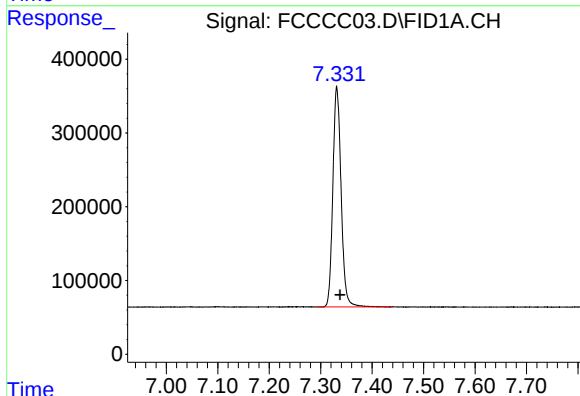
R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 3249785
Conc: 24.38 ug/ml



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

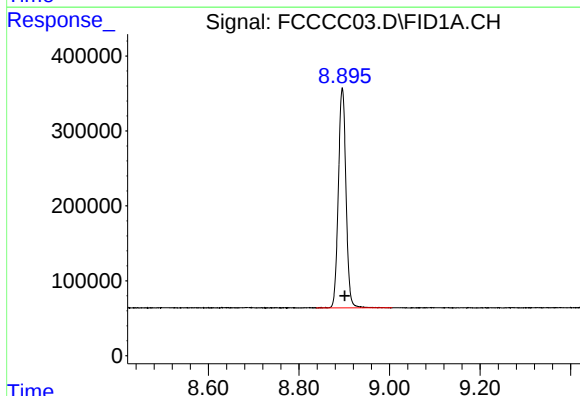
R.T.: 6.188 min
Delta R.T.: -0.020 min
Response: 3638155
Conc: 24.79 ug/ml

Instrument :
FID_C
ClientSampleId :



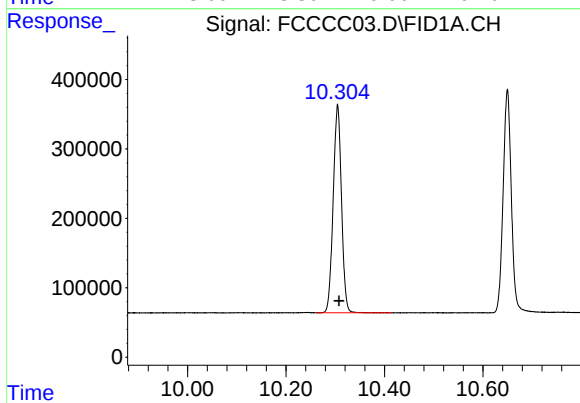
#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 3331956
Conc: 24.41 ug/ml



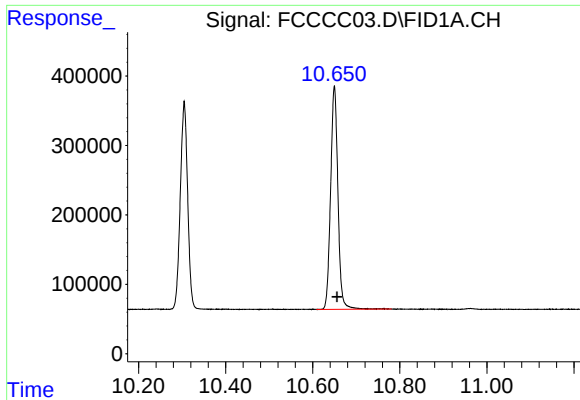
#7 n-Hexadecane (C16)

R.T.: 8.896 min
Delta R.T.: -0.006 min
Response: 3435824
Conc: 24.49 ug/ml



#8 n-Octadecane (C18)

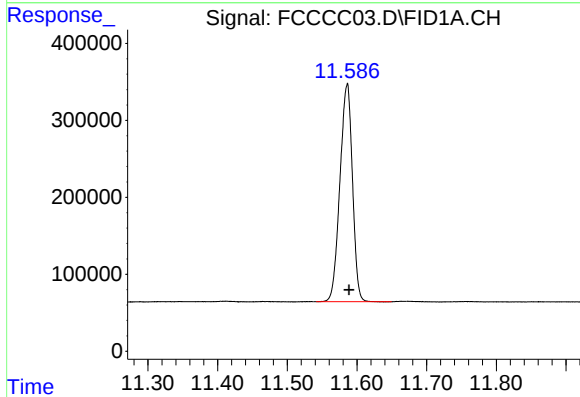
R.T.: 10.305 min
Delta R.T.: -0.003 min
Response: 3508502
Conc: 24.52 ug/ml



#9 ortho-Terphenyl (SURR)

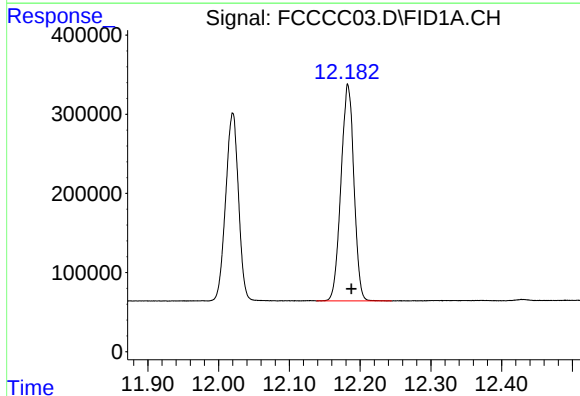
R.T.: 10.650 min
Delta R.T.: -0.006 min
Response: 3747867
Conc: 24.08 ug/ml

Instrument :
FID_C
ClientSampleId :



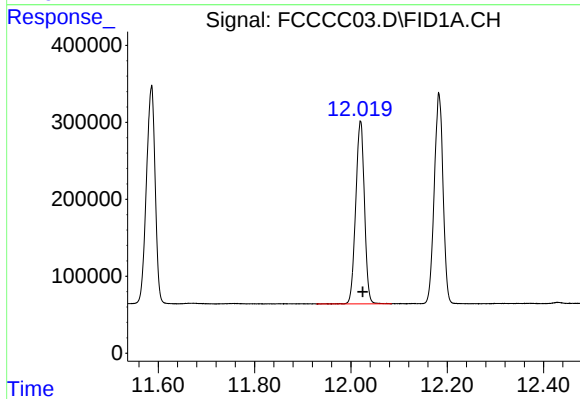
#10 n-Eicosane (C20)

R.T.: 11.585 min
Delta R.T.: -0.004 min
Response: 3526069
Conc: 24.71 ug/ml



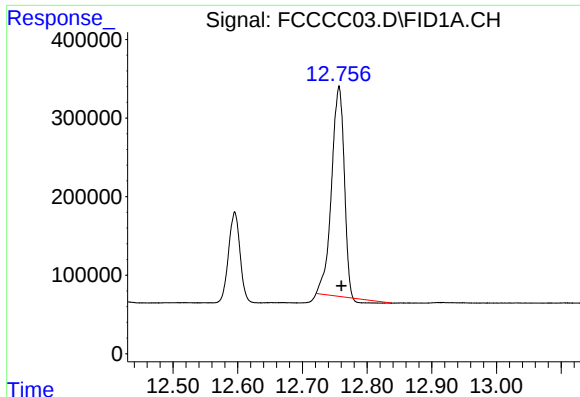
#11 n-Heneicosane (C21)

R.T.: 12.183 min
Delta R.T.: -0.005 min
Response: 3471902
Conc: 24.22 ug/ml



#12 1-chlorooctadecane (SURR)

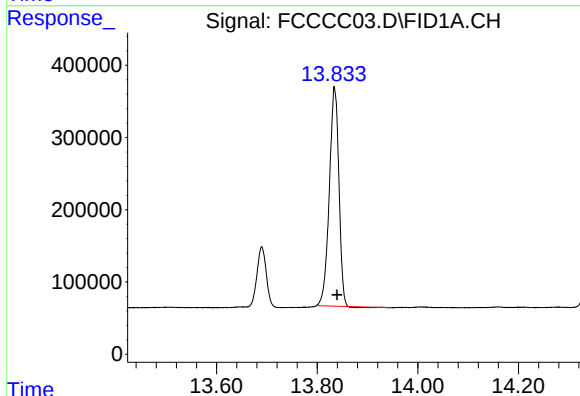
R.T.: 12.020 min
Delta R.T.: -0.005 min
Response: 2992827
Conc: 24.14 ug/ml



#13 n-Docosane (C22)

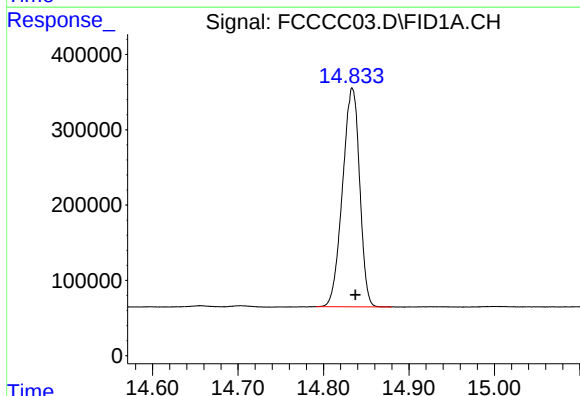
R.T.: 12.756 min
Delta R.T.: -0.005 min
Response: 3556506
Conc: 24.96 ug/ml

Instrument :
FID_C
ClientSampleId :



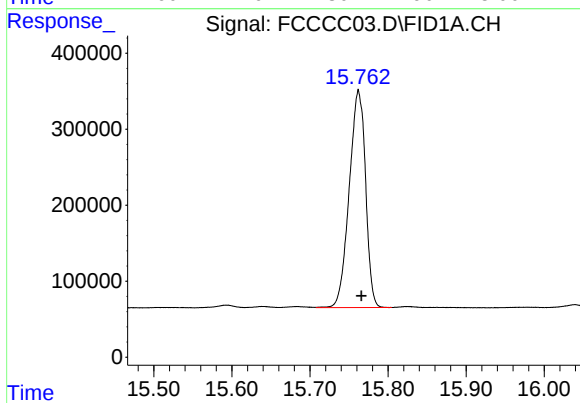
#14 n-Tetracosane (C24)

R.T.: 13.834 min
Delta R.T.: -0.005 min
Response: 3986540
Conc: 28.41 ug/ml



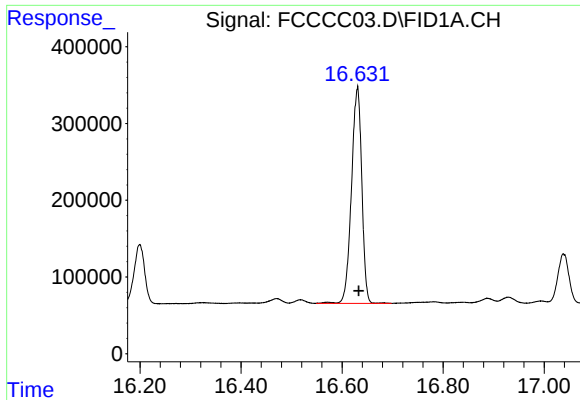
#15 n-Hexacosane (C26)

R.T.: 14.833 min
Delta R.T.: -0.004 min
Response: 4041377
Conc: 29.84 ug/ml



#16 n-Octacosane (C28)

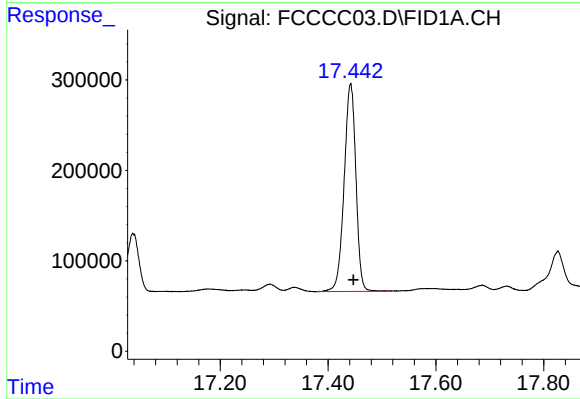
R.T.: 15.762 min
Delta R.T.: -0.004 min
Response: 4142511
Conc: 31.81 ug/ml



#17 n-Tricontane (C30)

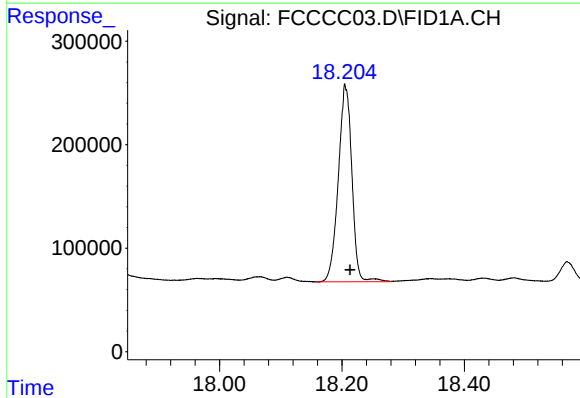
R.T.: 16.630 min
Delta R.T.: -0.003 min
Response: 4000677
Conc: 32.68 ug/ml

Instrument :
FID_C
ClientSampleId :



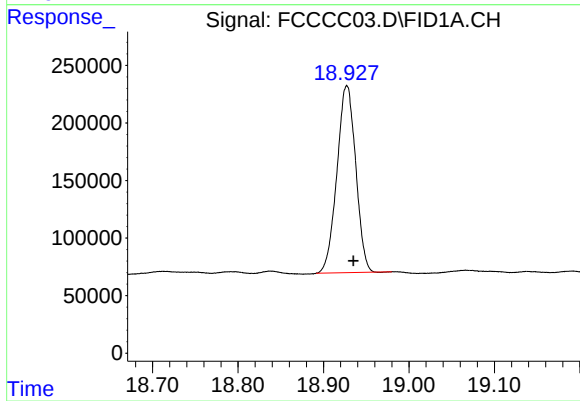
#18 n-Dotriacontane (C32)

R.T.: 17.441 min
Delta R.T.: -0.006 min
Response: 3485905
Conc: 31.26 ug/ml



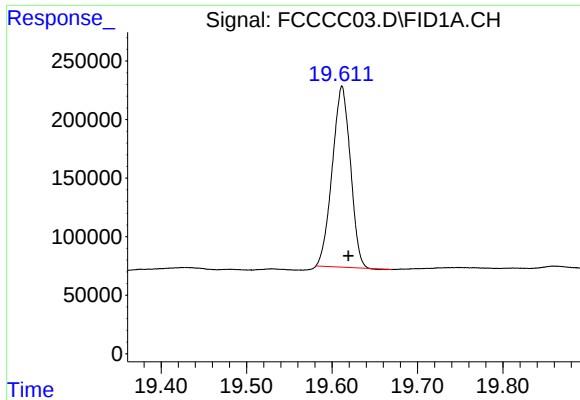
#19 n-Tetratriacontane (C34)

R.T.: 18.206 min
Delta R.T.: -0.007 min
Response: 2933111
Conc: 28.76 ug/ml



#20 n-Hexatriacontane (C36)

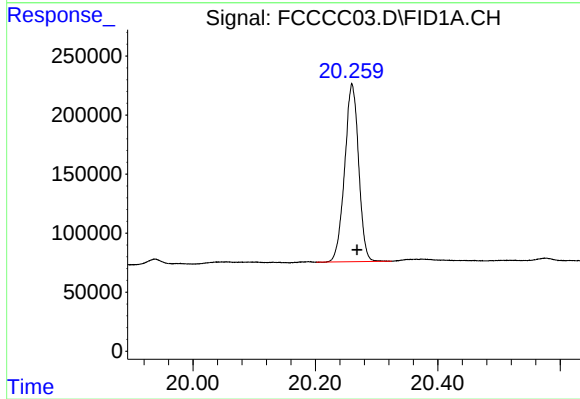
R.T.: 18.927 min
Delta R.T.: -0.008 min
Response: 2486689
Conc: 26.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.611 min
Delta R.T.: -0.008 min
Response: 2269343
Conc: 24.60 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.260 min
Delta R.T.: -0.008 min
Response: 2385532
Conc: 25.35 ug/ml