

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091819AL\
 Data File : FC043563.D
 Signal(s) : FID1A.CH
 Acq On : 18 Sep 2019 20:59
 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: Sep 19 02:18:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 091619.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 16 12:41:51 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)	11.591	2985960	20.918 ug/ml
Spiked Amount 50.000		Recovery =	41.84%
12) S 1-chlorooctadecane (S...	13.012	2283262	20.620 ug/ml
Spiked Amount 50.000		Recovery =	41.24%
Target Compounds			
1) T n-Nonane (C9)	3.438	2584320	22.148 ug/ml
2) T n-Decane (C10)	4.491	2631513	22.589 ug/ml
3) T A~Naphthalene (C11.7)	6.069	2665237	22.784 ug/ml
4) T n-Dodecane (C12)	6.483	2730501	22.399 ug/ml
5) T A~2-methylnaphthalene...	7.114	2716849	22.980 ug/ml
6) T n-Tetradecane (C14)	8.258	2751297	22.288 ug/ml
7) T n-Hexadecane (C16)	9.843	2761200	22.018 ug/ml
8) T n-Octadecane (C18)	11.271	2771866	21.498 ug/ml
10) T n-Eicosane (C20)	12.569	2740742	20.931 ug/ml
11) T n-Heneicosane (C21)	13.176	2734901	20.645 ug/ml
13) T n-Docosane (C22)	13.758	2700789	20.579 ug/ml
14) T n-Tetracosane (C24)	14.852	2629280	20.020 ug/ml
15) T n-Hexacosane (C26)	15.866	2551947	19.800 ug/ml
16) T n-Octacosane (C28)	16.811	2465229	19.589 ug/ml
17) T n-Tricontane (C30)	17.693	2403039	19.572 ug/ml
18) T n-Dotriacontane (C32)	18.520	2287807	19.852 ug/ml
19) T n-Tetratriacontane (C34)	19.299	2207134	20.534 ug/ml
20) T n-Hexatriacontane (C36)	20.035	2126153	21.579 ug/ml
21) T n-Octatriacontane (C38)	20.762	2051886	22.301 ug/ml
22) T n-Tetracontane (C40)	21.645	2105730	22.455 ug/ml

(f)=RT Delta > 1/2 Window

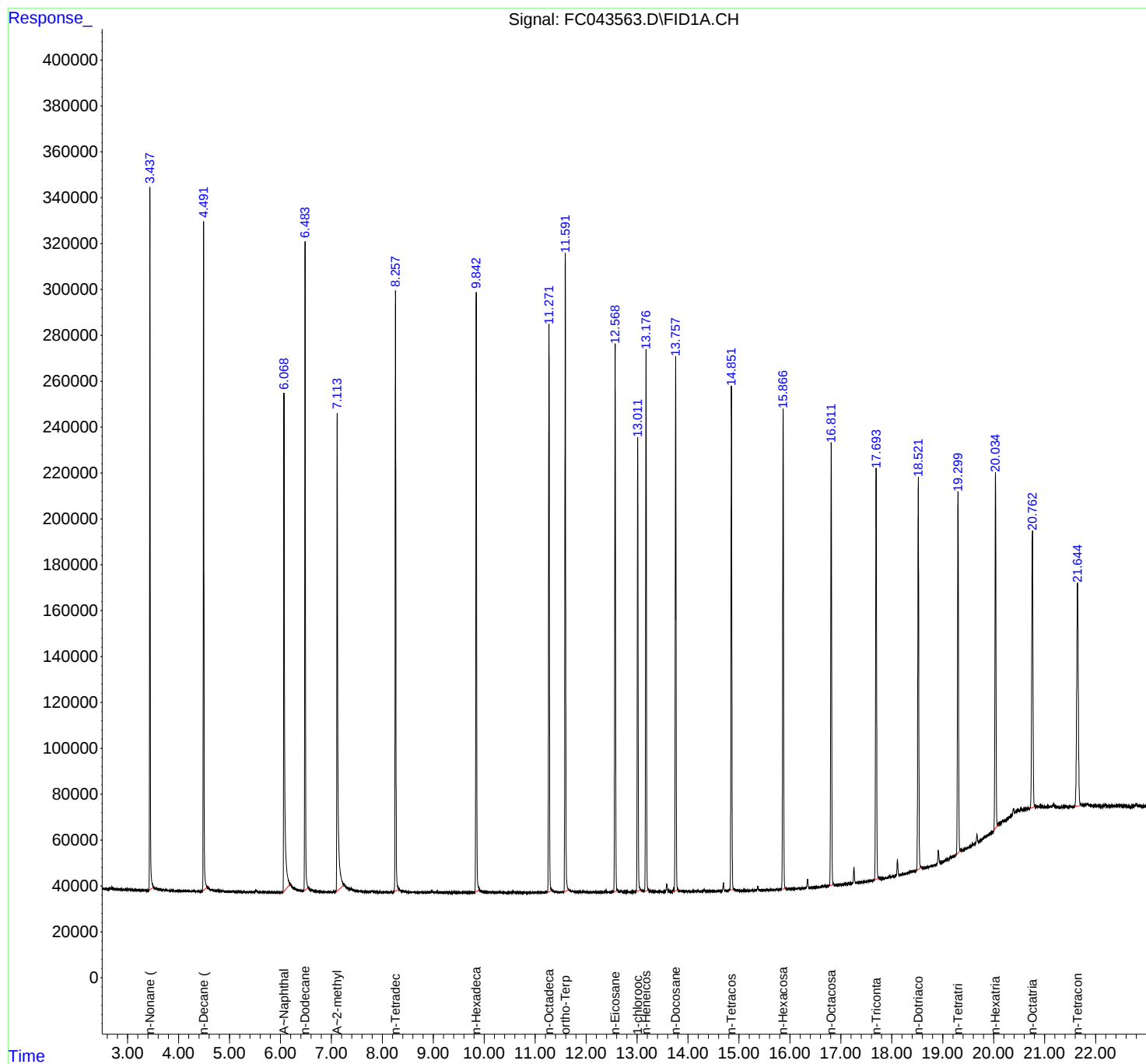
(m)=manual int.

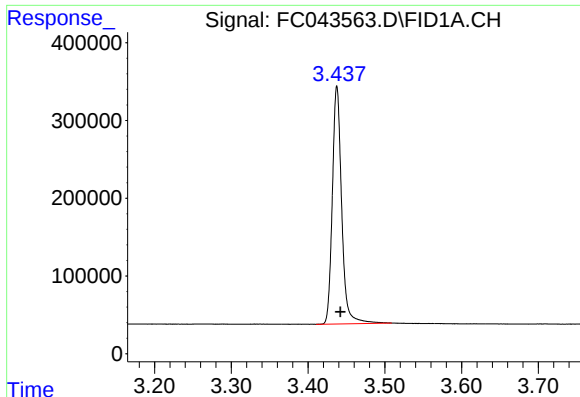
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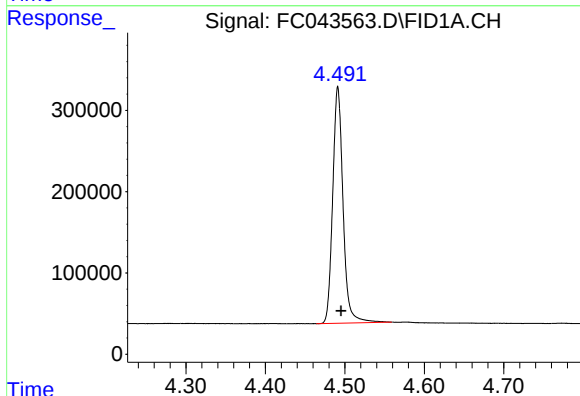




#1 n-Nonane (C9)

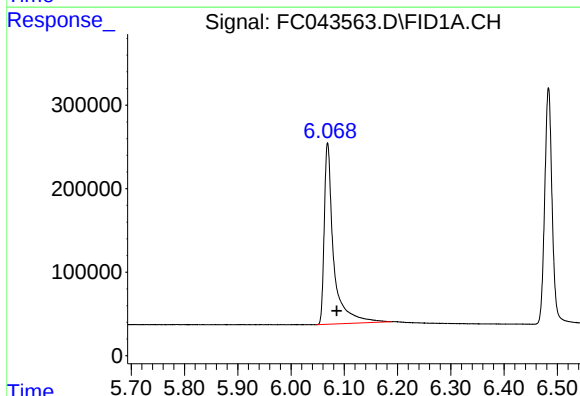
R.T.: 3.438 min
Delta R.T.: -0.004 min
Response: 2584320
Conc: 22.15 ug/ml

Instrument :
FID_C
ClientSampleId :



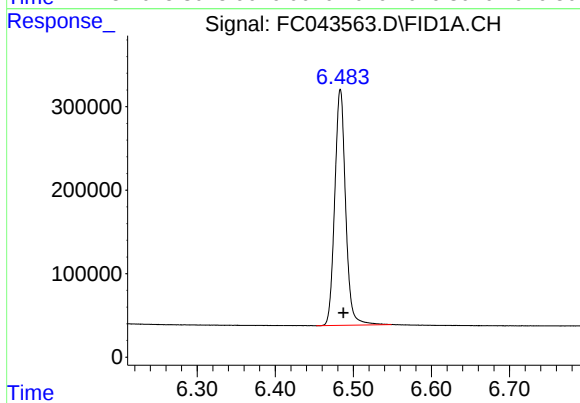
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: -0.004 min
Response: 2631513
Conc: 22.59 ug/ml



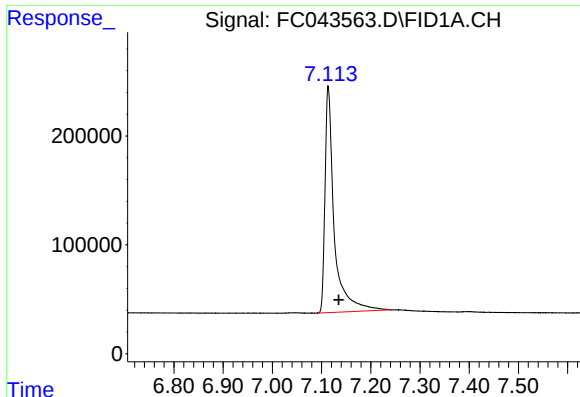
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: -0.017 min
Response: 2665237
Conc: 22.78 ug/ml



#4 n-Dodecane (C12)

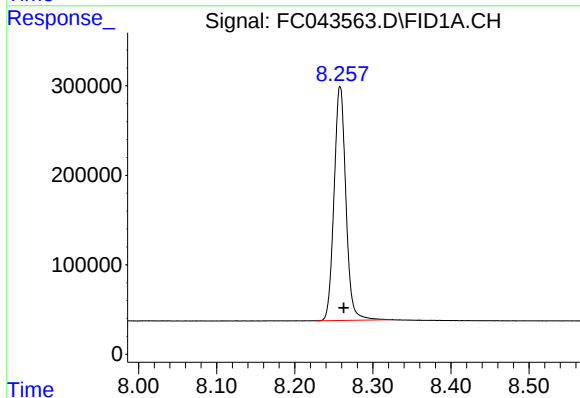
R.T.: 6.483 min
Delta R.T.: -0.004 min
Response: 2730501
Conc: 22.40 ug/ml



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

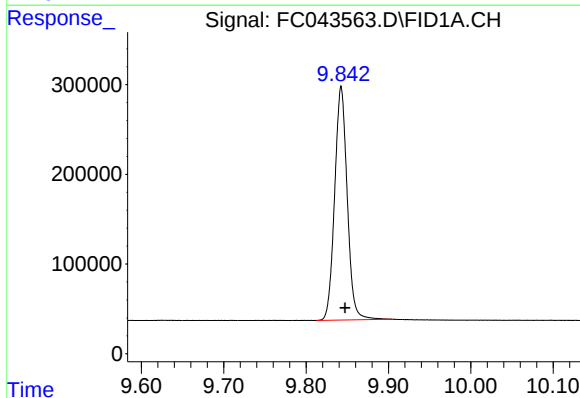
R.T.: 7.114 min
Delta R.T.: -0.021 min
Response: 2716849
Conc: 22.98 ug/ml

Instrument :
FID_C
ClientSampleId :



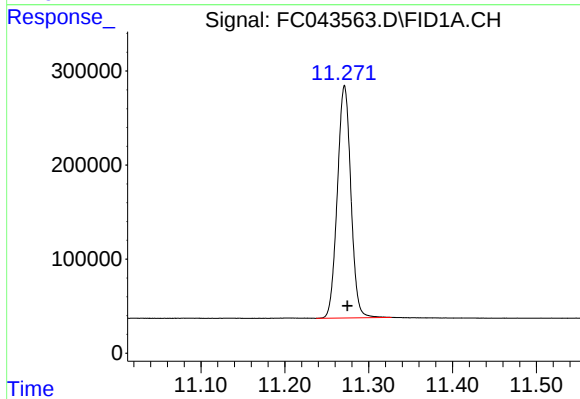
#6 n-Tetradecane (C14)

R.T.: 8.258 min
Delta R.T.: -0.005 min
Response: 2751297
Conc: 22.29 ug/ml



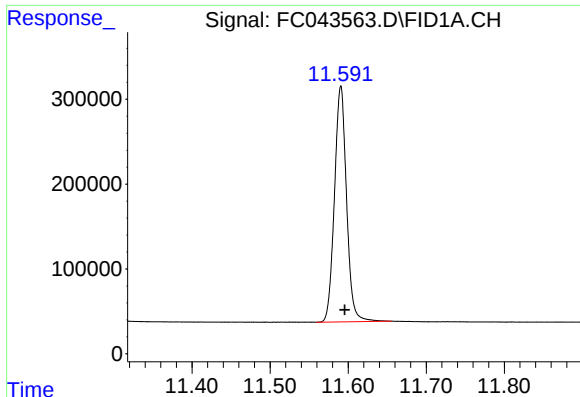
#7 n-Hexadecane (C16)

R.T.: 9.843 min
Delta R.T.: -0.005 min
Response: 2761200
Conc: 22.02 ug/ml



#8 n-Octadecane (C18)

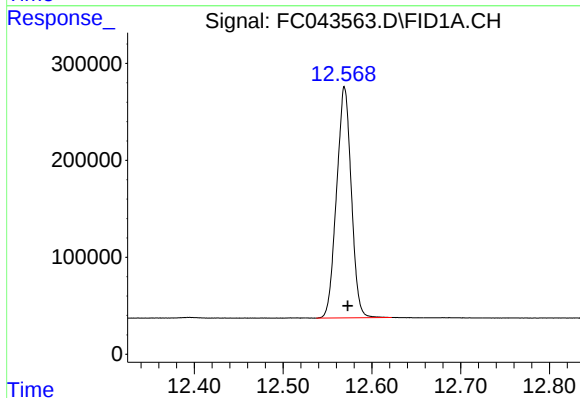
R.T.: 11.271 min
Delta R.T.: -0.004 min
Response: 2771866
Conc: 21.50 ug/ml



#9 ortho-Terphenyl (SURR)

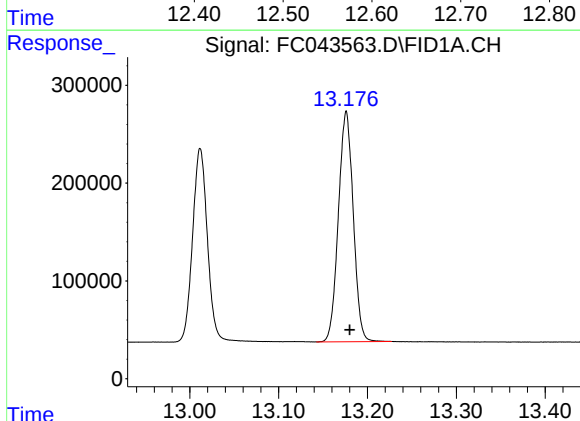
R.T.: 11.591 min
Delta R.T.: -0.005 min
Response: 2985960
Conc: 20.92 ug/ml

Instrument :
FID_C
ClientSampleId :



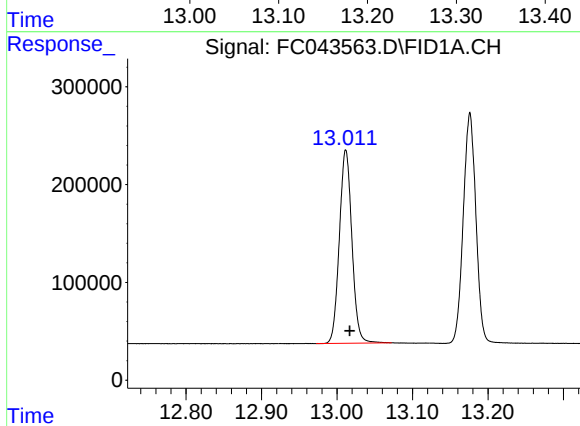
#10 n-Eicosane (C20)

R.T.: 12.569 min
Delta R.T.: -0.003 min
Response: 2740742
Conc: 20.93 ug/ml



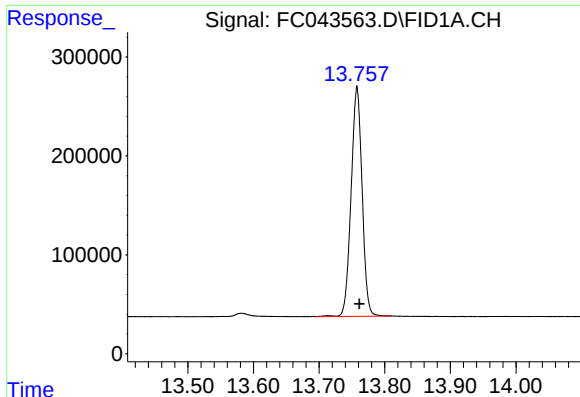
#11 n-Heneicosane (C21)

R.T.: 13.176 min
Delta R.T.: -0.004 min
Response: 2734901
Conc: 20.65 ug/ml



#12 1-chlorooctadecane (SURR)

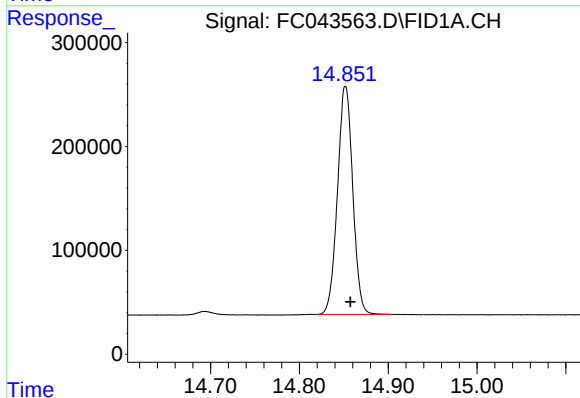
R.T.: 13.012 min
Delta R.T.: -0.005 min
Response: 2283262
Conc: 20.62 ug/ml



#13 n-Docosane (C22)

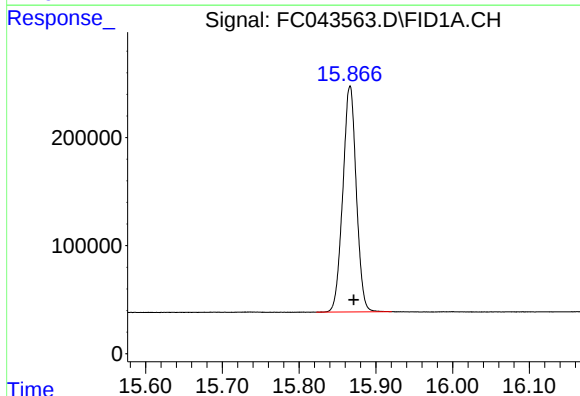
R.T.: 13.758 min
Delta R.T.: -0.004 min
Response: 2700789
Conc: 20.58 ug/ml

Instrument :
FID_C
ClientSampleId :



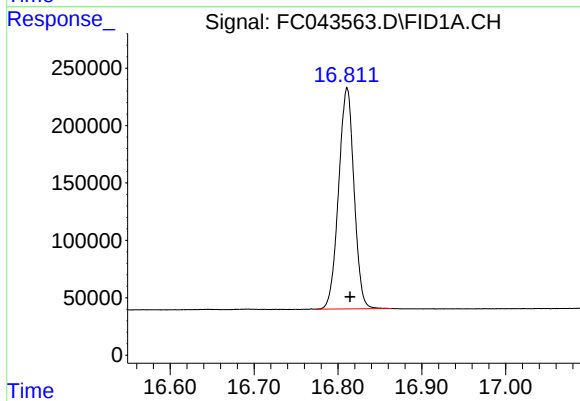
#14 n-Tetracosane (C24)

R.T.: 14.852 min
Delta R.T.: -0.006 min
Response: 2629280
Conc: 20.02 ug/ml



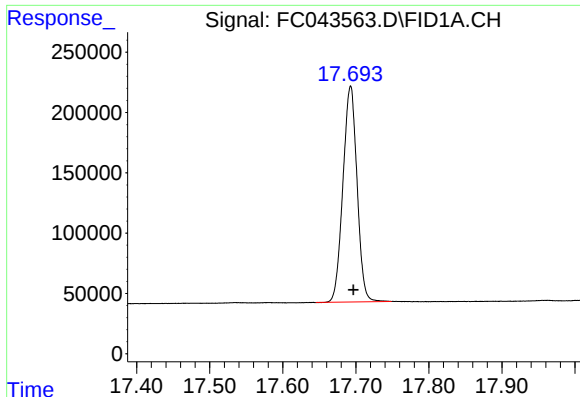
#15 n-Hexacosane (C26)

R.T.: 15.866 min
Delta R.T.: -0.005 min
Response: 2551947
Conc: 19.80 ug/ml



#16 n-Octacosane (C28)

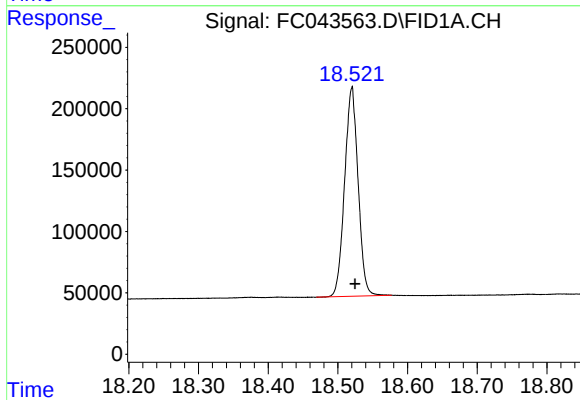
R.T.: 16.811 min
Delta R.T.: -0.004 min
Response: 2465229
Conc: 19.59 ug/ml



#17 n-Tricontane (C30)

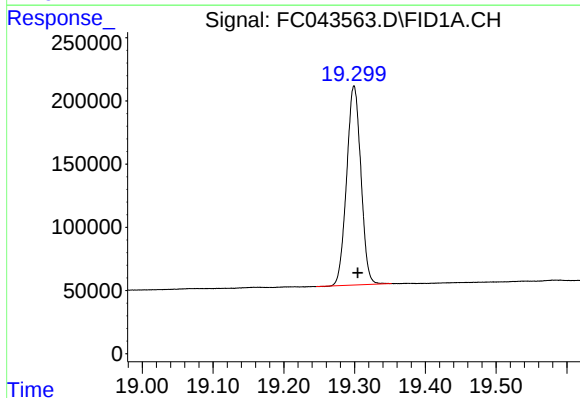
R.T.: 17.693 min
Delta R.T.: -0.004 min
Response: 2403039
Conc: 19.57 ug/ml

Instrument :
FID_C
ClientSampleId :



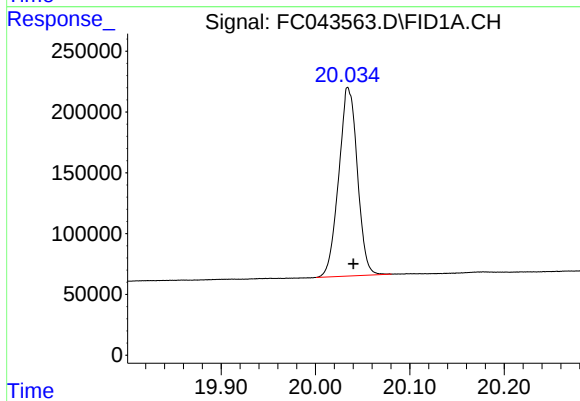
#18 n-Dotriacontane (C32)

R.T.: 18.520 min
Delta R.T.: -0.005 min
Response: 2287807
Conc: 19.85 ug/ml



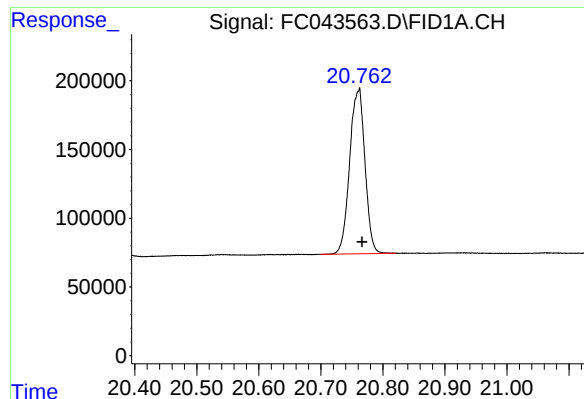
#19 n-Tetratriacontane (C34)

R.T.: 19.299 min
Delta R.T.: -0.005 min
Response: 2207134
Conc: 20.53 ug/ml



#20 n-Hexatriacontane (C36)

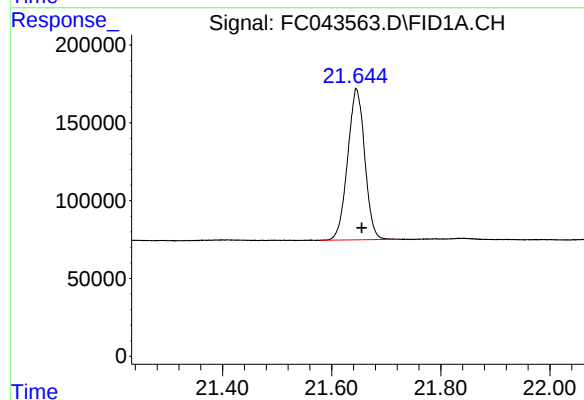
R.T.: 20.035 min
Delta R.T.: -0.006 min
Response: 2126153
Conc: 21.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.762 min
Delta R.T.: -0.005 min
Response: 2051886
Conc: 22.30 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.645 min
Delta R.T.: -0.010 min
Response: 2105730
Conc: 22.45 ug/ml