

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030322AL\
 Data File : FC058551.D
 Signal(s) : FID1A.CH
 Acq On : 03 Mar 2022 10:30
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 04 01:22:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.390	2890540	19.845 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
12) S 1-chlorooctadecane (S...	12.823	2224088	19.621 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T n-Nonane (C9)	3.247	2483673	20.654 ug/ml
2) T n-Decane (C10)	4.296	2476722	20.813 ug/ml
3) T A~Naphthalene (C11.7)	5.855	2664281	20.529 ug/ml
4) T n-Dodecane (C12)	6.290	2558944	20.801 ug/ml
5) T A~2-methylnaphthalene...	6.899	2701206	20.719 ug/ml
6) T n-Tetradecane (C14)	8.067	2600597	20.754 ug/ml
7) T n-Hexadecane (C16)	9.654	2639692	20.498 ug/ml
8) T n-Octadecane (C18)	11.085	2666931	20.266 ug/ml
10) T n-Eicosane (C20)	12.384	2615162	19.888 ug/ml
11) T n-Heneicosane (C21)	12.992	2605880	19.718 ug/ml
13) T n-Docosane (C22)	13.574	2603395	19.969 ug/ml
14) T n-Tetracosane (C24)	14.670	2611329	20.222 ug/ml
15) T n-Hexacosane (C26)	15.685	2534979	20.493 ug/ml
16) T n-Octacosane (C28)	16.629	2546724	21.395 ug/ml
17) T n-Tricontane (C30)	17.513	2567782	22.812 ug/ml
18) T n-Dotriacontane (C32)	18.342	2445750	22.745 ug/ml
19) T n-Tetratriacontane (C34)	19.121	2231513	23.031 ug/ml
20) T n-Hexatriacontane (C36)	19.858	2012164	22.304 ug/ml
21) T n-Octatriacontane (C38)	20.562	1915928	22.016 ug/ml
22) T n-Tetracontane (C40)	21.385	1888034	22.499 ug/ml

(f)=RT Delta > 1/2 Window

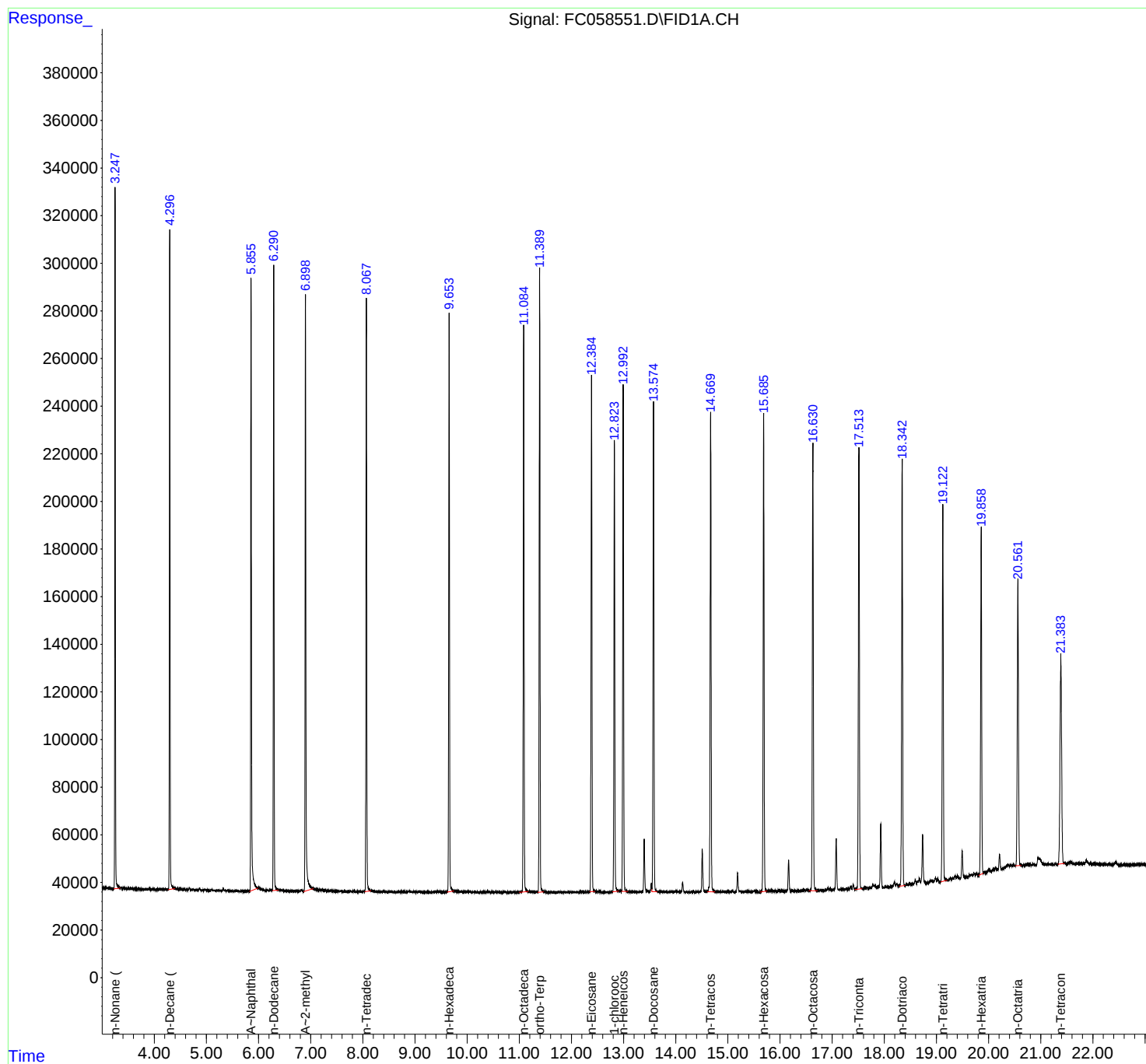
(m)=manual int.

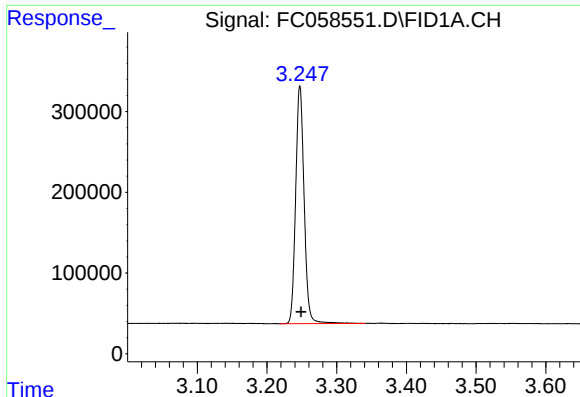
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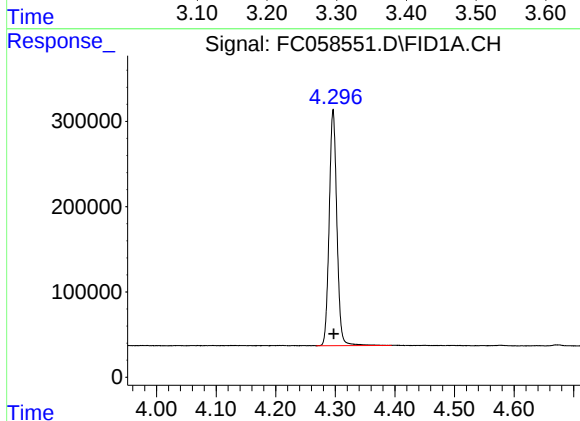




#1 n-Nonane (C9)

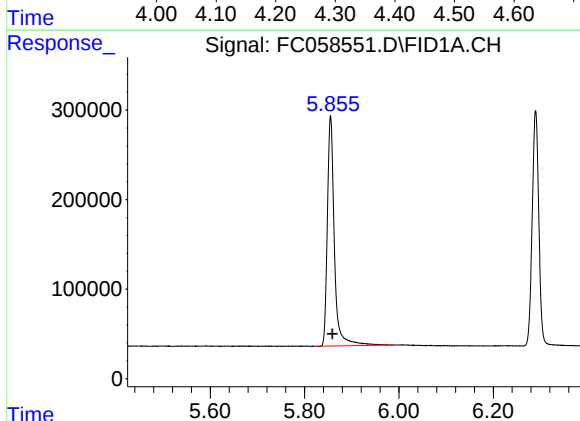
R.T.: 3.247 min
Delta R.T.: -0.002 min
Response: 2483673
Conc: 20.65 ug/ml

Instrument :
FID_C
ClientSampleId :



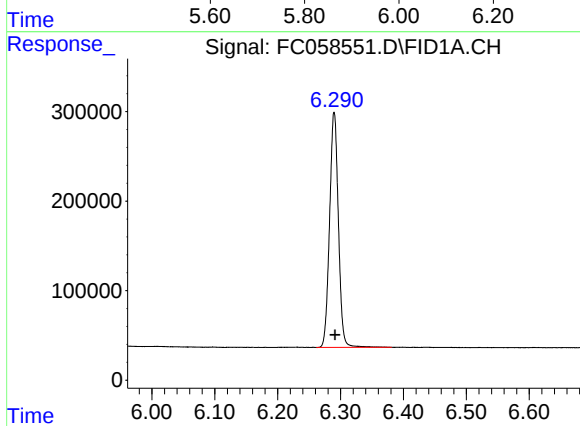
#2 n-Decane (C10)

R.T.: 4.296 min
Delta R.T.: -0.001 min
Response: 2476722
Conc: 20.81 ug/ml



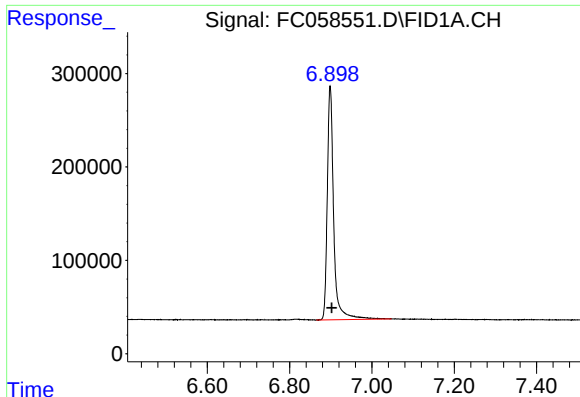
#3 A~Naphthalene (C11.7)

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 2664281
Conc: 20.53 ug/ml



#4 n-Dodecane (C12)

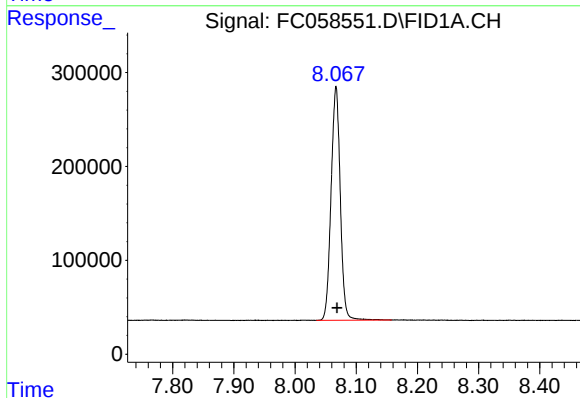
R.T.: 6.290 min
Delta R.T.: -0.001 min
Response: 2558944
Conc: 20.80 ug/ml



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

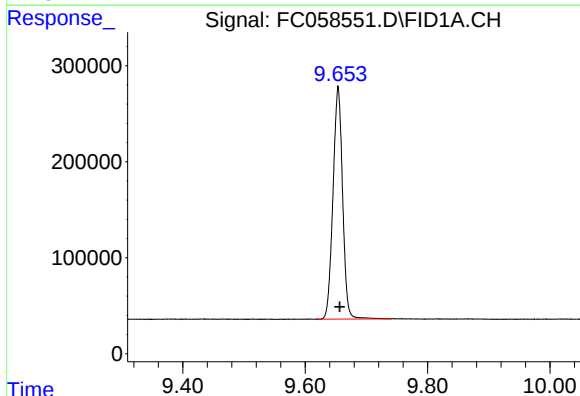
R.T.: 6.899 min
Delta R.T.: -0.004 min
Response: 2701206
Conc: 20.72 ug/ml

Instrument :
FID_C
ClientSampleId :



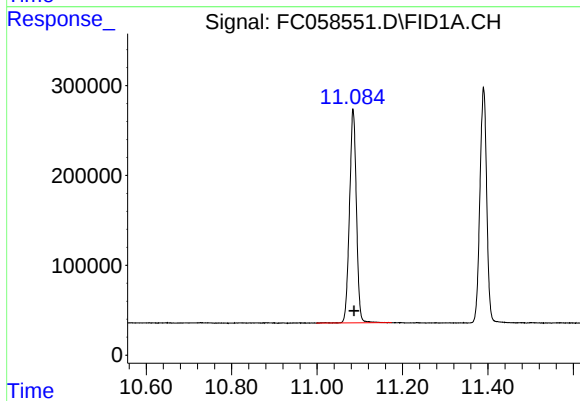
#6 n-Tetradecane (C14)

R.T.: 8.067 min
Delta R.T.: -0.002 min
Response: 2600597
Conc: 20.75 ug/ml



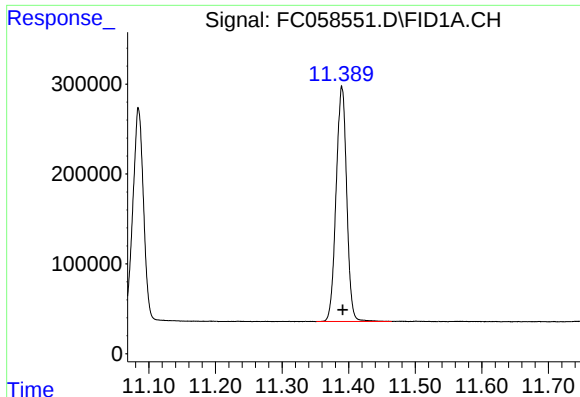
#7 n-Hexadecane (C16)

R.T.: 9.654 min
Delta R.T.: -0.002 min
Response: 2639692
Conc: 20.50 ug/ml



#8 n-Octadecane (C18)

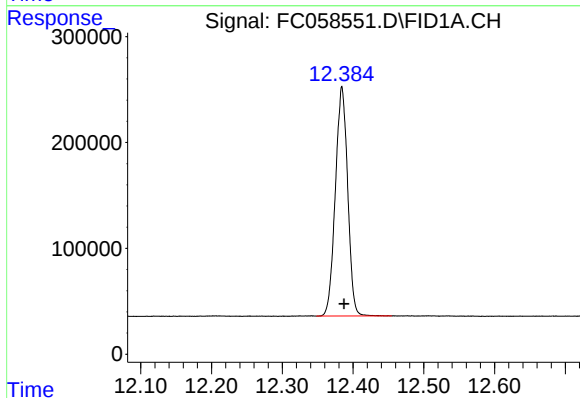
R.T.: 11.085 min
Delta R.T.: -0.002 min
Response: 2666931
Conc: 20.27 ug/ml



#9 ortho-Terphenyl (SURR)

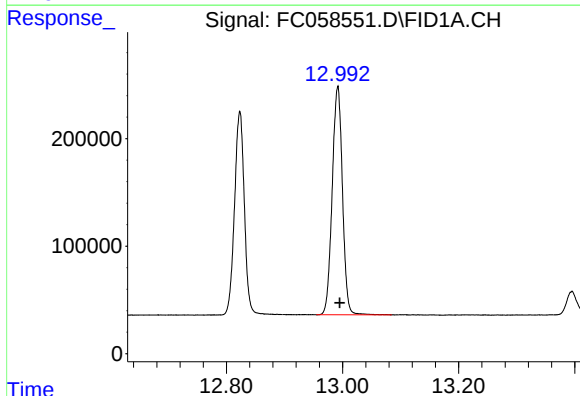
R.T.: 11.390 min
Delta R.T.: -0.001 min
Response: 2890540
Conc: 19.85 ug/ml

Instrument :
FID_C
ClientSampleId :



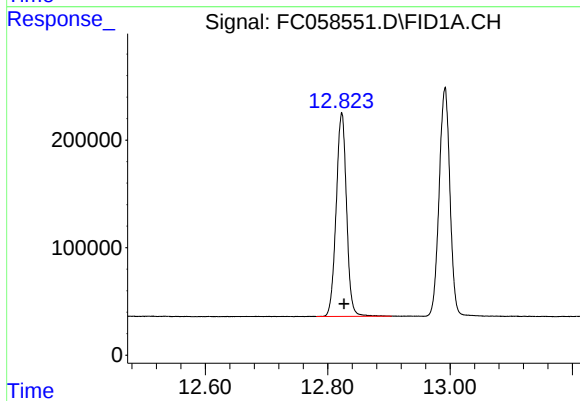
#10 n-Eicosane (C20)

R.T.: 12.384 min
Delta R.T.: -0.003 min
Response: 2615162
Conc: 19.89 ug/ml



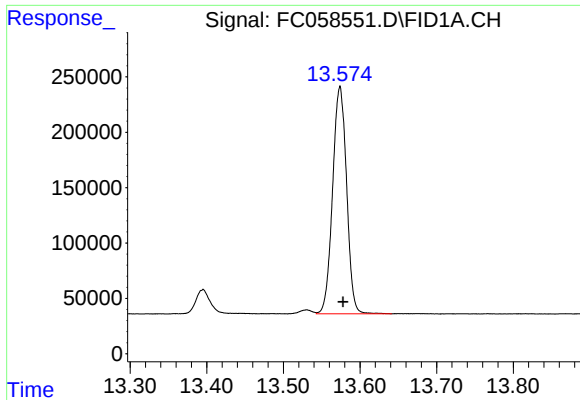
#11 n-Heneicosane (C21)

R.T.: 12.992 min
Delta R.T.: -0.004 min
Response: 2605880
Conc: 19.72 ug/ml



#12 1-chlorooctadecane (SURR)

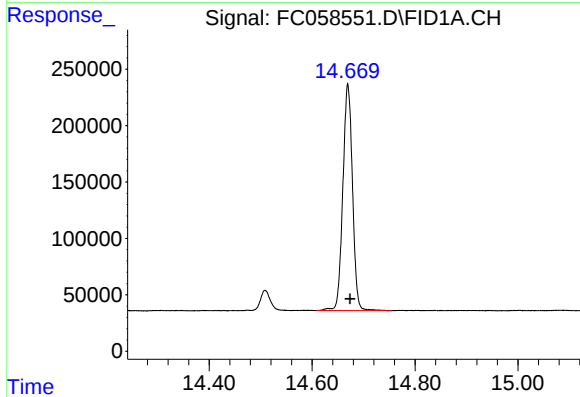
R.T.: 12.823 min
Delta R.T.: -0.004 min
Response: 2224088
Conc: 19.62 ug/ml



#13 n-Docosane (C22)

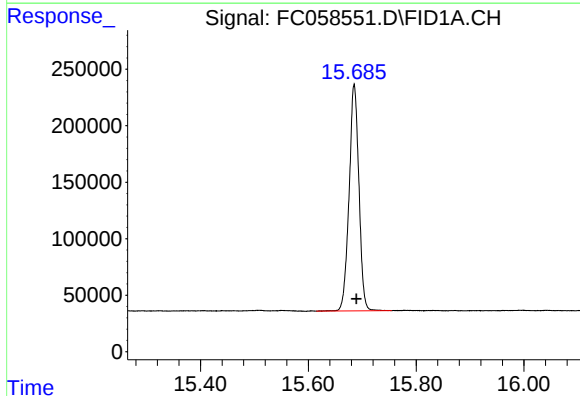
R.T.: 13.574 min
Delta R.T.: -0.004 min
Response: 2603395
Conc: 19.97 ug/ml

Instrument :
FID_C
ClientSampleId :



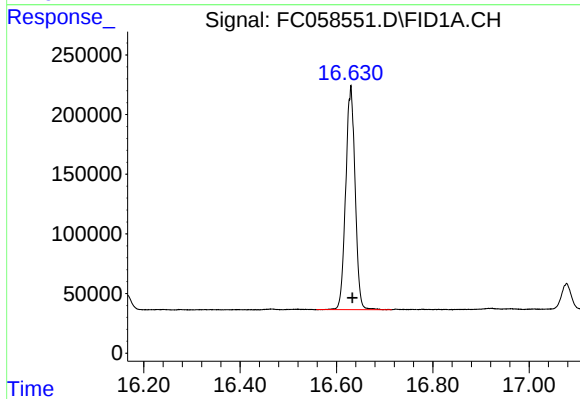
#14 n-Tetracosane (C24)

R.T.: 14.670 min
Delta R.T.: -0.004 min
Response: 2611329
Conc: 20.22 ug/ml



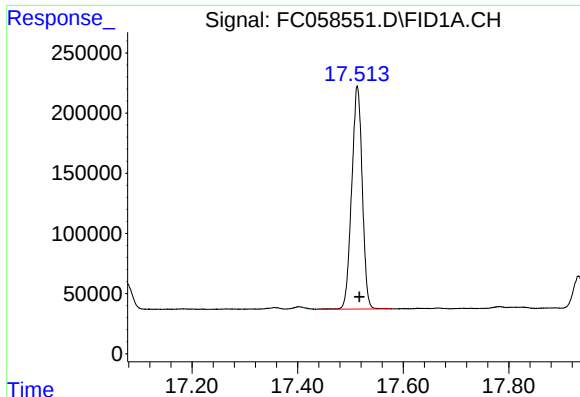
#15 n-Hexacosane (C26)

R.T.: 15.685 min
Delta R.T.: -0.004 min
Response: 2534979
Conc: 20.49 ug/ml



#16 n-Octacosane (C28)

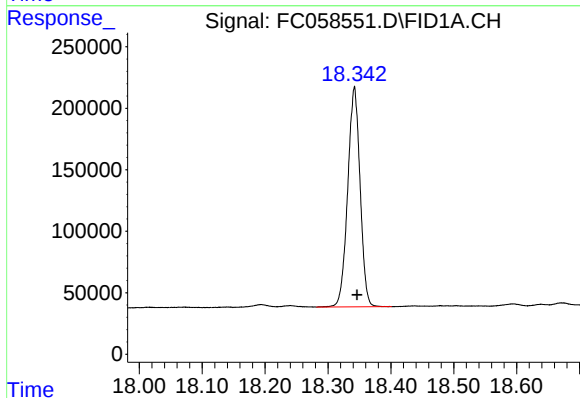
R.T.: 16.629 min
Delta R.T.: -0.004 min
Response: 2546724
Conc: 21.39 ug/ml



#17 n-Tricontane (C30)

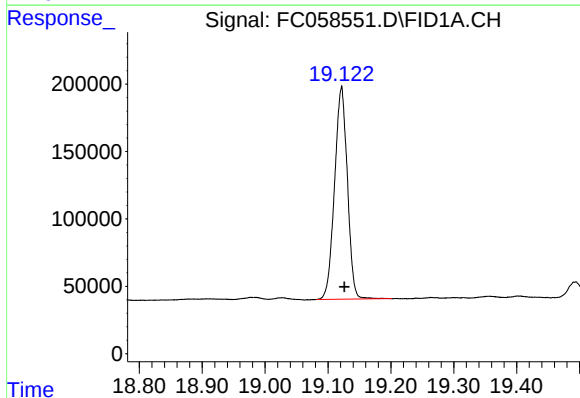
R.T.: 17.513 min
Delta R.T.: -0.004 min
Response: 2567782
Conc: 22.81 ug/ml

Instrument :
FID_C
ClientSampleId :



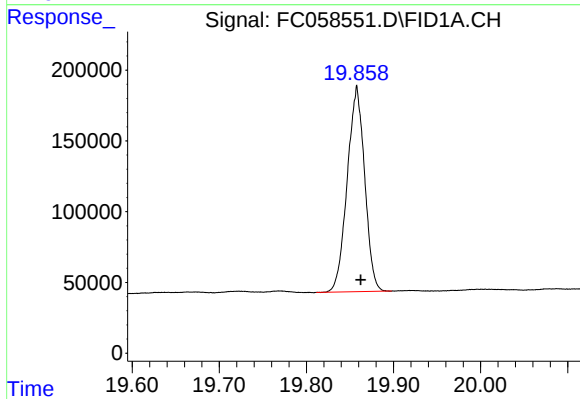
#18 n-Dotriacontane (C32)

R.T.: 18.342 min
Delta R.T.: -0.004 min
Response: 2445750
Conc: 22.74 ug/ml



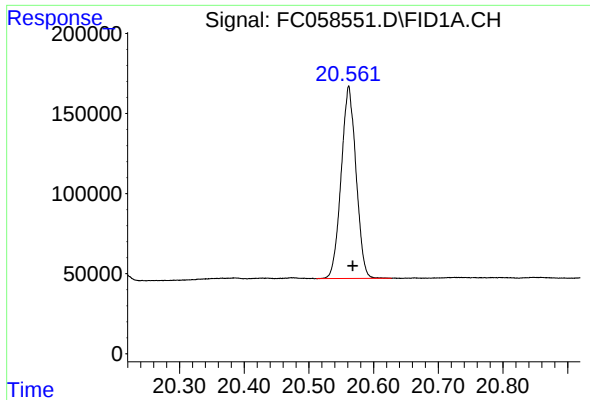
#19 n-Tetratriacontane (C34)

R.T.: 19.121 min
Delta R.T.: -0.005 min
Response: 2231513
Conc: 23.03 ug/ml



#20 n-Hexatriacontane (C36)

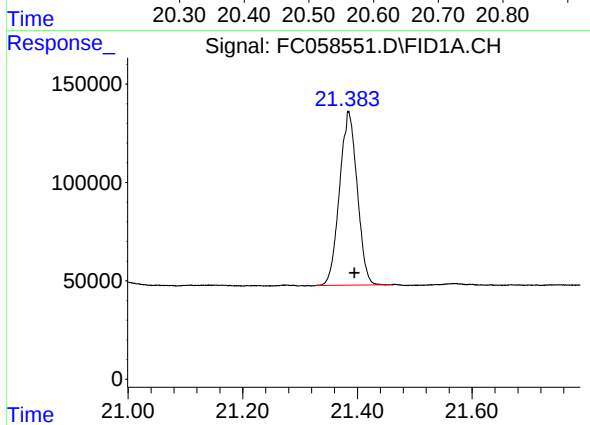
R.T.: 19.858 min
Delta R.T.: -0.004 min
Response: 2012164
Conc: 22.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.562 min
Delta R.T.: -0.006 min
Response: 1915928
Conc: 22.02 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.385 min
Delta R.T.: -0.010 min
Response: 1888034
Conc: 22.50 ug/ml