

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032320AL\
 Data File : FC046444.D
 Signal(s) : FID1A.CH
 Acq On : 23 Mar 2020 18:42
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 24 02:46:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 02:36:38 2020
 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)	11.752	973273	8.547 ug/ml
Spiked Amount 50.000		Recovery =	17.09%
12) S 1-chlorooctadecane (S...	13.170	768142	8.525 ug/ml
Spiked Amount 50.000		Recovery =	17.05%
Target Compounds			
1) T n-Nonane (C9)	3.539	838235	8.398 ug/ml
2) T n-Decane (C10)	4.607	837446	8.354 ug/ml
3) T A~Naphthalene (C11.7)	6.210	825797	7.836 ug/ml
4) T n-Dodecane (C12)	6.615	856086	8.399 ug/ml
5) T A~2-methylnaphthalene...	7.260	823307	7.764 ug/ml
6) T n-Tetradecane (C14)	8.398	859385	8.393 ug/ml
7) T n-Hexadecane (C16)	9.988	874213	8.421 ug/ml
8) T n-Octadecane (C18)	11.420	906937	8.569 ug/ml
10) T n-Eicosane (C20)	12.722	917356	8.616 ug/ml
11) T n-Heneicosane (C21)	13.332	926677	8.630 ug/ml
13) T n-Docosane (C22)	13.916	924260	8.632 ug/ml
14) T n-Tetracosane (C24)	15.014	929059	8.629 ug/ml
15) T n-Hexacosane (C26)	16.030	925992	8.656 ug/ml
16) T n-Octacosane (C28)	16.974	926359	8.753 ug/ml
17) T n-Tricontane (C30)	17.858	893906	8.813 ug/ml
18) T n-Dotriacontane (C32)	18.686	761115	8.848 ug/ml
19) T n-Tetratriacontane (C34)	19.465	657358	8.803 ug/ml
20) T n-Hexatriacontane (C36)	20.201	622130	8.921 ug/ml
21) T n-Octatriacontane (C38)	20.963	585275	8.842 ug/ml
22) T n-Tetracontane (C40)	21.920	606225	8.921 ug/ml

(f)=RT Delta > 1/2 Window

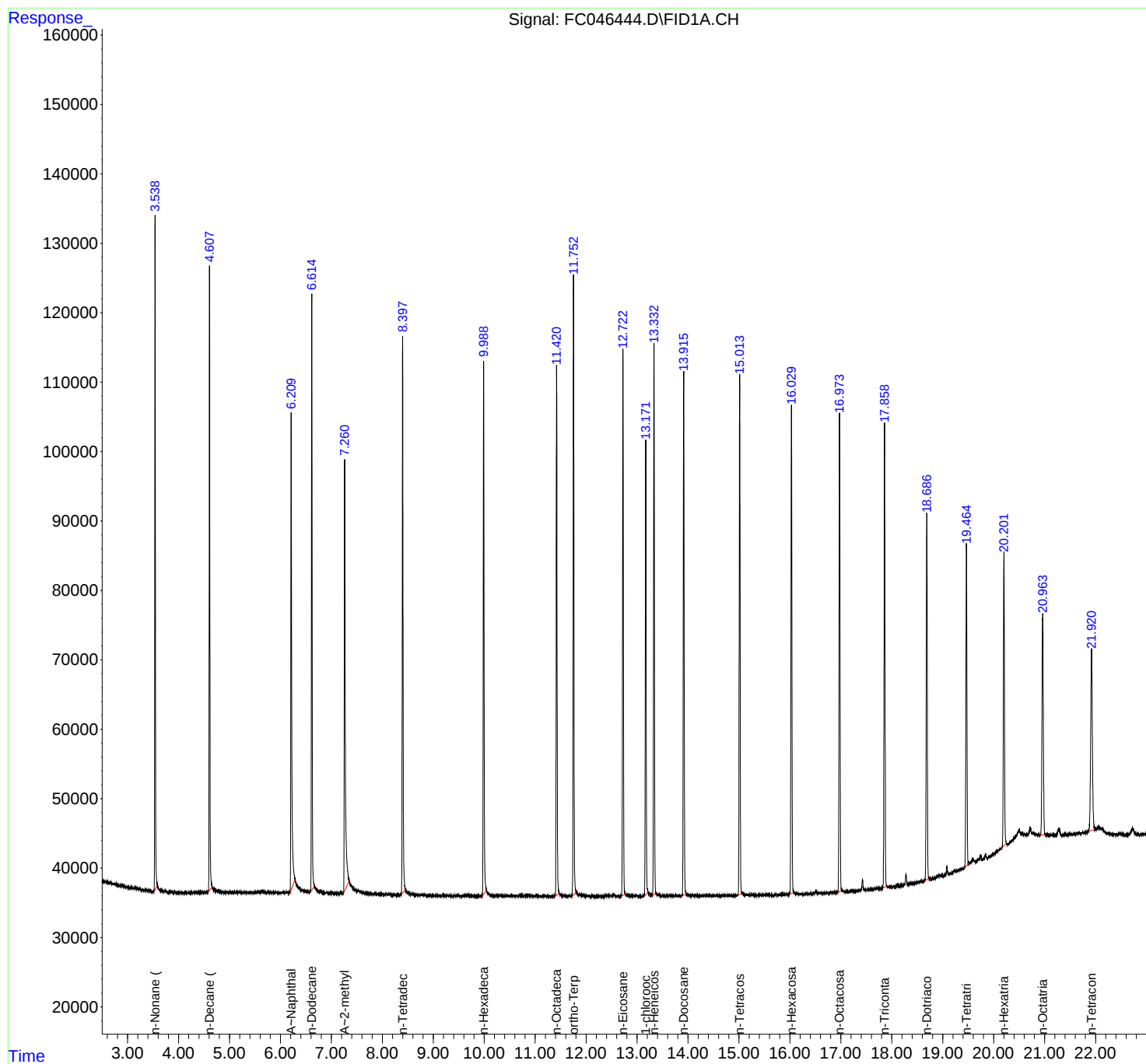
(m)=manual int.

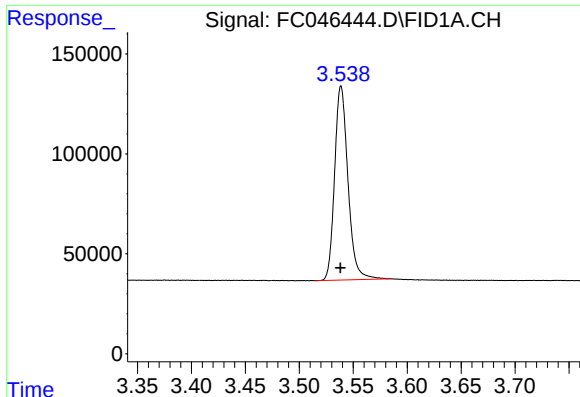
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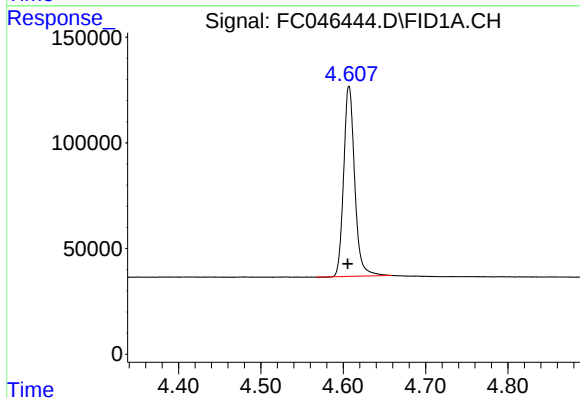




#1 n-Nonane (C9)

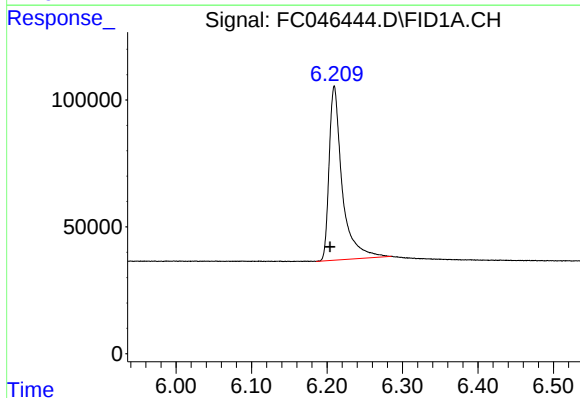
R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 838235
Conc: 8.40 ug/ml

Instrument :
FID_C
ClientSampleId :



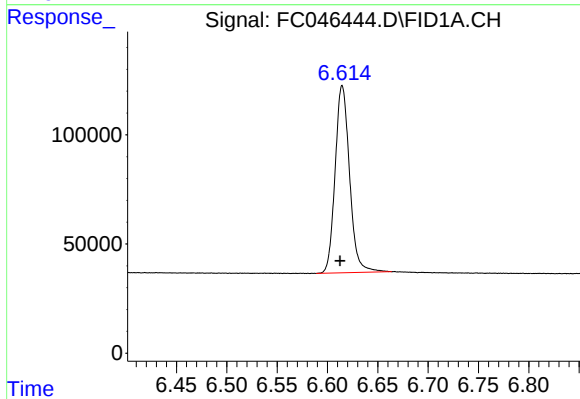
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.002 min
Response: 837446
Conc: 8.35 ug/ml



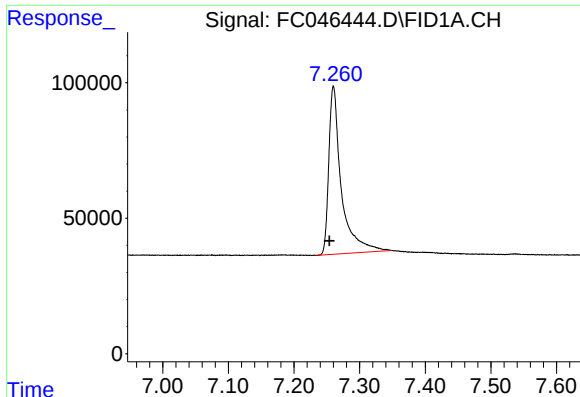
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: 0.006 min
Response: 825797
Conc: 7.84 ug/ml



#4 n-Dodecane (C12)

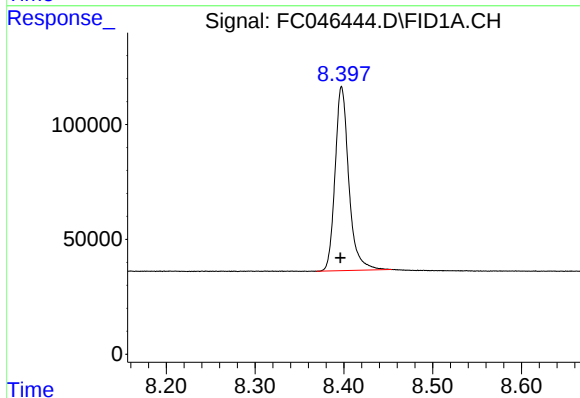
R.T.: 6.615 min
Delta R.T.: 0.002 min
Response: 856086
Conc: 8.40 ug/ml



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

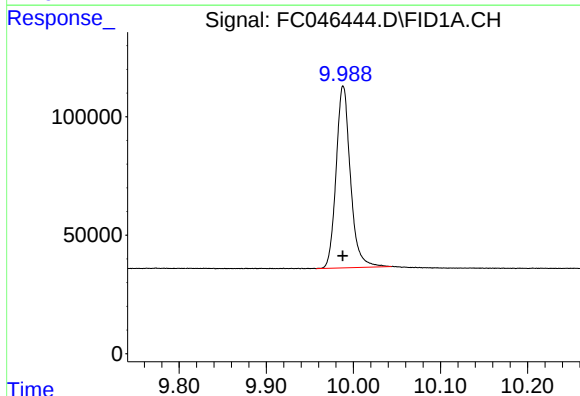
R.T.: 7.260 min
Delta R.T.: 0.006 min
Response: 823307
Conc: 7.76 ug/ml

Instrument :
FID_C
ClientSampleId :



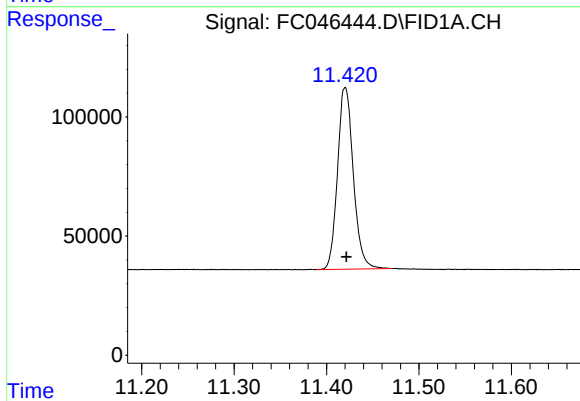
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: 0.002 min
Response: 859385
Conc: 8.39 ug/ml



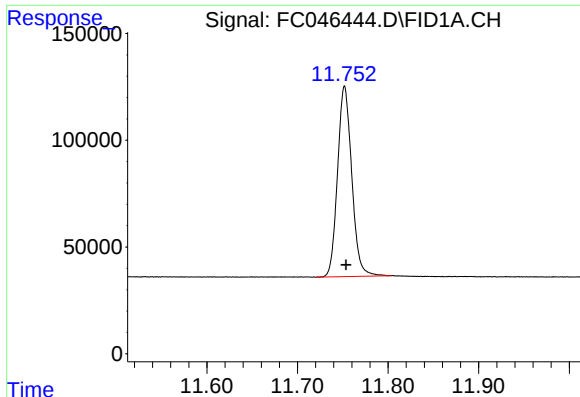
#7 n-Hexadecane (C16)

R.T.: 9.988 min
Delta R.T.: 0.000 min
Response: 874213
Conc: 8.42 ug/ml



#8 n-Octadecane (C18)

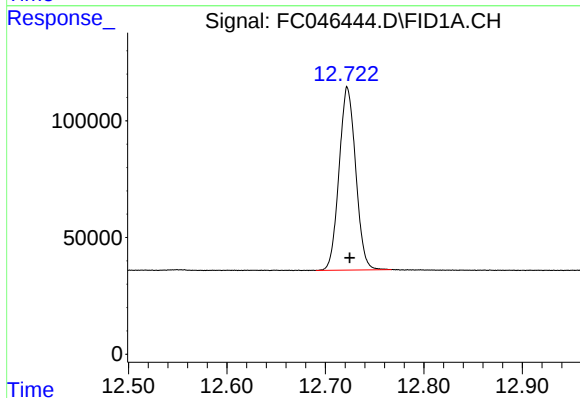
R.T.: 11.420 min
Delta R.T.: -0.001 min
Response: 906937
Conc: 8.57 ug/ml



#9 ortho-Terphenyl (SURR)

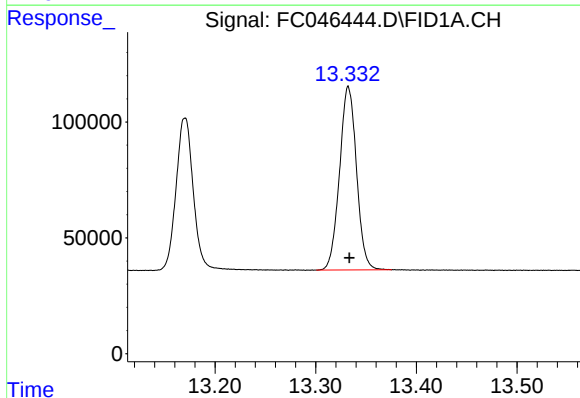
R.T.: 11.752 min
Delta R.T.: -0.002 min
Response: 973273
Conc: 8.55 ug/ml

Instrument :
FID_C
ClientSampleId :



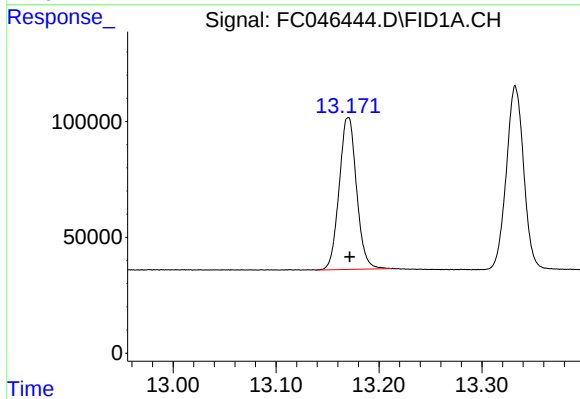
#10 n-Eicosane (C20)

R.T.: 12.722 min
Delta R.T.: -0.002 min
Response: 917356
Conc: 8.62 ug/ml



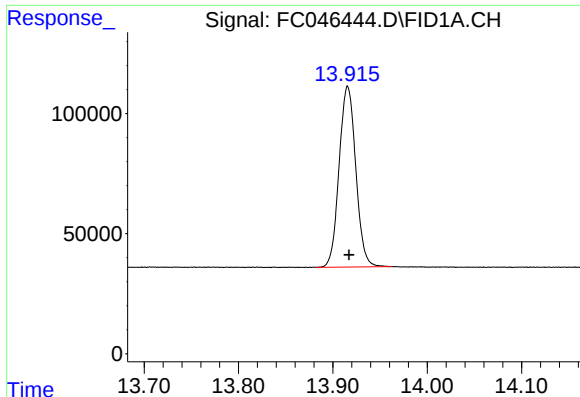
#11 n-Heneicosane (C21)

R.T.: 13.332 min
Delta R.T.: 0.000 min
Response: 926677
Conc: 8.63 ug/ml



#12 1-chlorooctadecane (SURR)

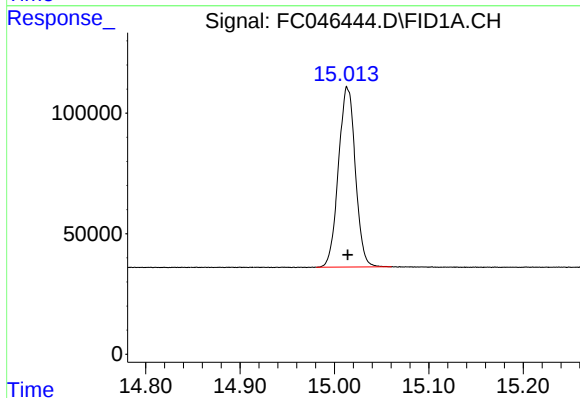
R.T.: 13.170 min
Delta R.T.: -0.002 min
Response: 768142
Conc: 8.53 ug/ml



#13 n-Docosane (C22)

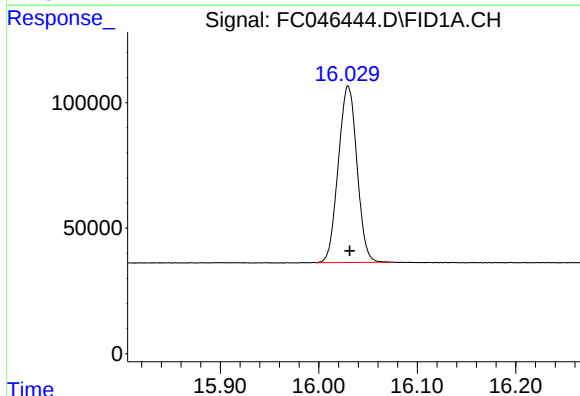
R.T.: 13.916 min
Delta R.T.: -0.001 min
Response: 924260
Conc: 8.63 ug/ml

Instrument :
FID_C
ClientSampleId :



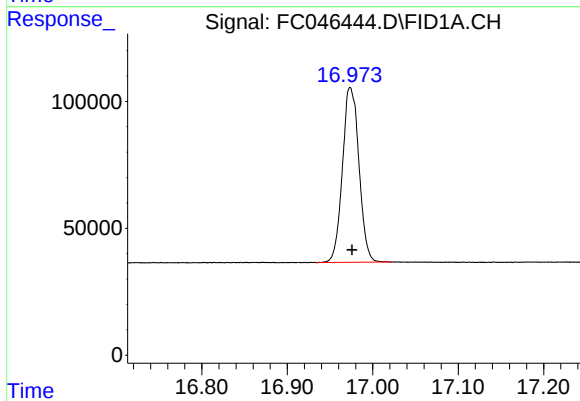
#14 n-Tetracosane (C24)

R.T.: 15.014 min
Delta R.T.: 0.000 min
Response: 929059
Conc: 8.63 ug/ml



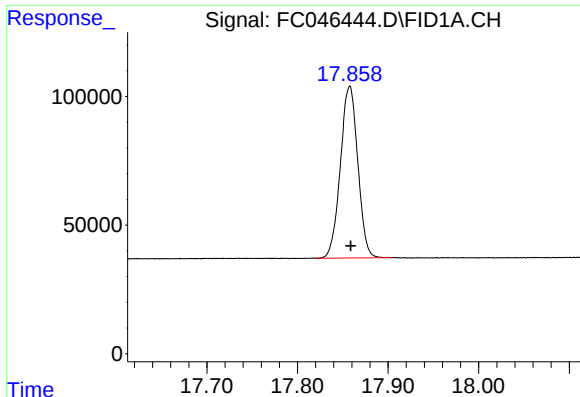
#15 n-Hexacosane (C26)

R.T.: 16.030 min
Delta R.T.: -0.002 min
Response: 925992
Conc: 8.66 ug/ml



#16 n-Octacosane (C28)

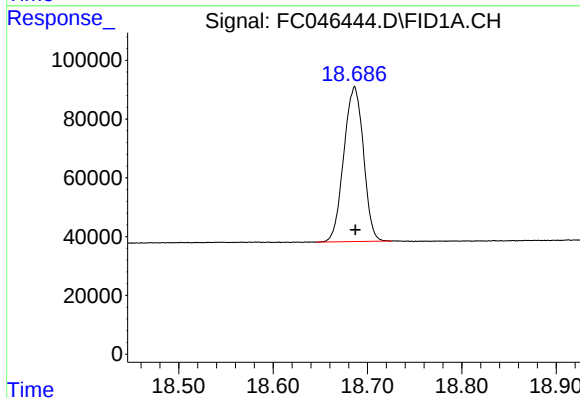
R.T.: 16.974 min
Delta R.T.: -0.002 min
Response: 926359
Conc: 8.75 ug/ml



#17 n-Tricontane (C30)

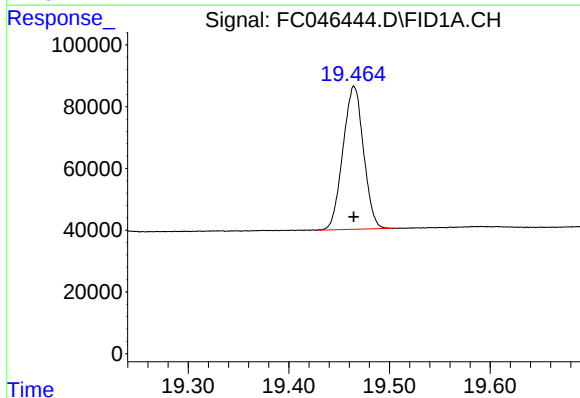
R.T.: 17.858 min
Delta R.T.: -0.001 min
Response: 893906
Conc: 8.81 ug/ml

Instrument :
FID_C
ClientSampleId :



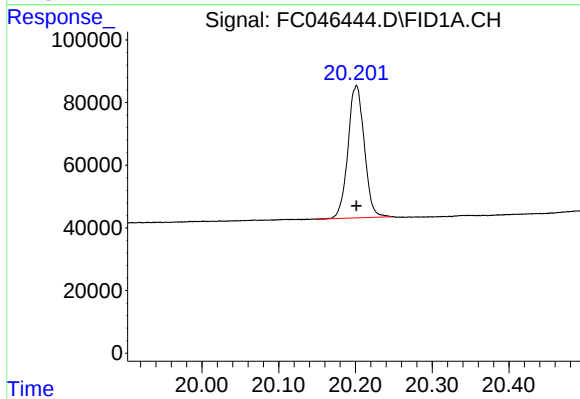
#18 n-Dotriacontane (C32)

R.T.: 18.686 min
Delta R.T.: 0.000 min
Response: 761115
Conc: 8.85 ug/ml



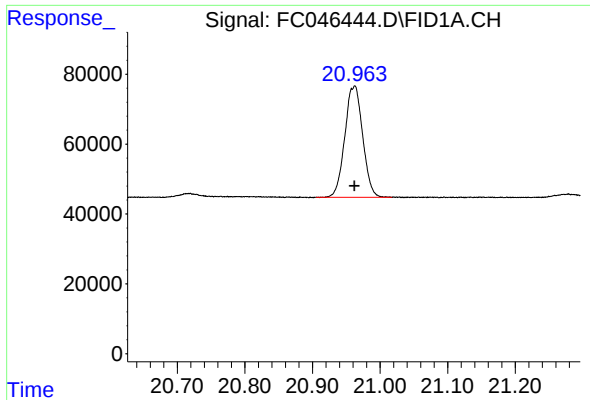
#19 n-Tetratriacontane (C34)

R.T.: 19.465 min
Delta R.T.: 0.000 min
Response: 657358
Conc: 8.80 ug/ml



#20 n-Hexatriacontane (C36)

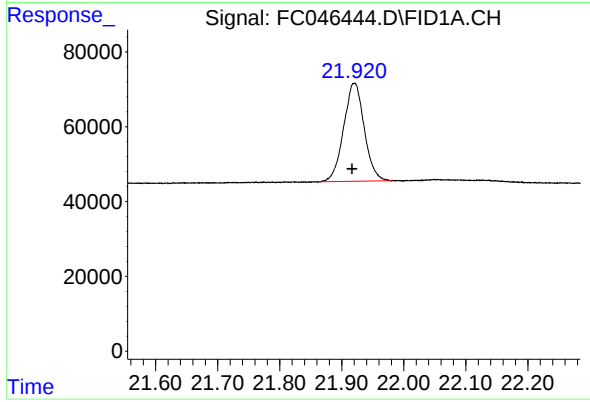
R.T.: 20.201 min
Delta R.T.: 0.000 min
Response: 622130
Conc: 8.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.963 min
Delta R.T.: 0.000 min
Response: 585275
Conc: 8.84 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.920 min
Delta R.T.: 0.004 min
Response: 606225
Conc: 8.92 ug/ml