

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041421AL\
 Data File : FC053146.D
 Signal(s) : FID1A.CH
 Acq On : 14 Apr 2021 10:57
 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: Apr 15 01:45:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 2021
 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)	11.553	2701495	18.699 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
12) S 1-chlorooctadecane (S...	12.993	2131183	18.445 ug/ml
Spiked Amount 50.000		Recovery =	36.89%
Target Compounds			
1) T n-Nonane (C9)	3.310	2475111	19.776 ug/ml
2) T n-Decane (C10)	4.375	2516176	19.987 ug/ml
3) T A~Naphthalene (C11.7)	5.960	2765084	19.850 ug/ml
4) T n-Dodecane (C12)	6.395	2587135	20.200 ug/ml
5) T A~2-methylnaphthalene...	7.018	2825392	19.988 ug/ml
6) T n-Tetradecane (C14)	8.193	2581342	20.062 ug/ml
7) T n-Hexadecane (C16)	9.794	2534202	19.821 ug/ml
8) T n-Octadecane (C18)	11.238	2606758	19.275 ug/ml
10) T n-Eicosane (C20)	12.548	2564326	18.669 ug/ml
11) T n-Heneicosane (C21)	13.160	2521146	18.349 ug/ml
13) T n-Docosane (C22)	13.747	2484754	18.026 ug/ml
14) T n-Tetracosane (C24)	14.851	2384950	17.297 ug/ml
15) T n-Hexacosane (C26)	15.872	2268552	16.729 ug/ml
16) T n-Octacosane (C28)	16.821	2173513	16.306 ug/ml
17) T n-Tricontane (C30)	17.709	2095905	16.331 ug/ml
18) T n-Dotriacontane (C32)	18.540	2015567	16.871 ug/ml
19) T n-Tetratriacontane (C34)	19.323	1967176	17.762 ug/ml
20) T n-Hexatriacontane (C36)	20.062	1899280	18.822 ug/ml
21) T n-Octatriacontane (C38)	20.794	1836720	20.616 ug/ml
22) T n-Tetracontane (C40)	21.692	1919753	23.981 ug/ml

(f)=RT Delta > 1/2 Window

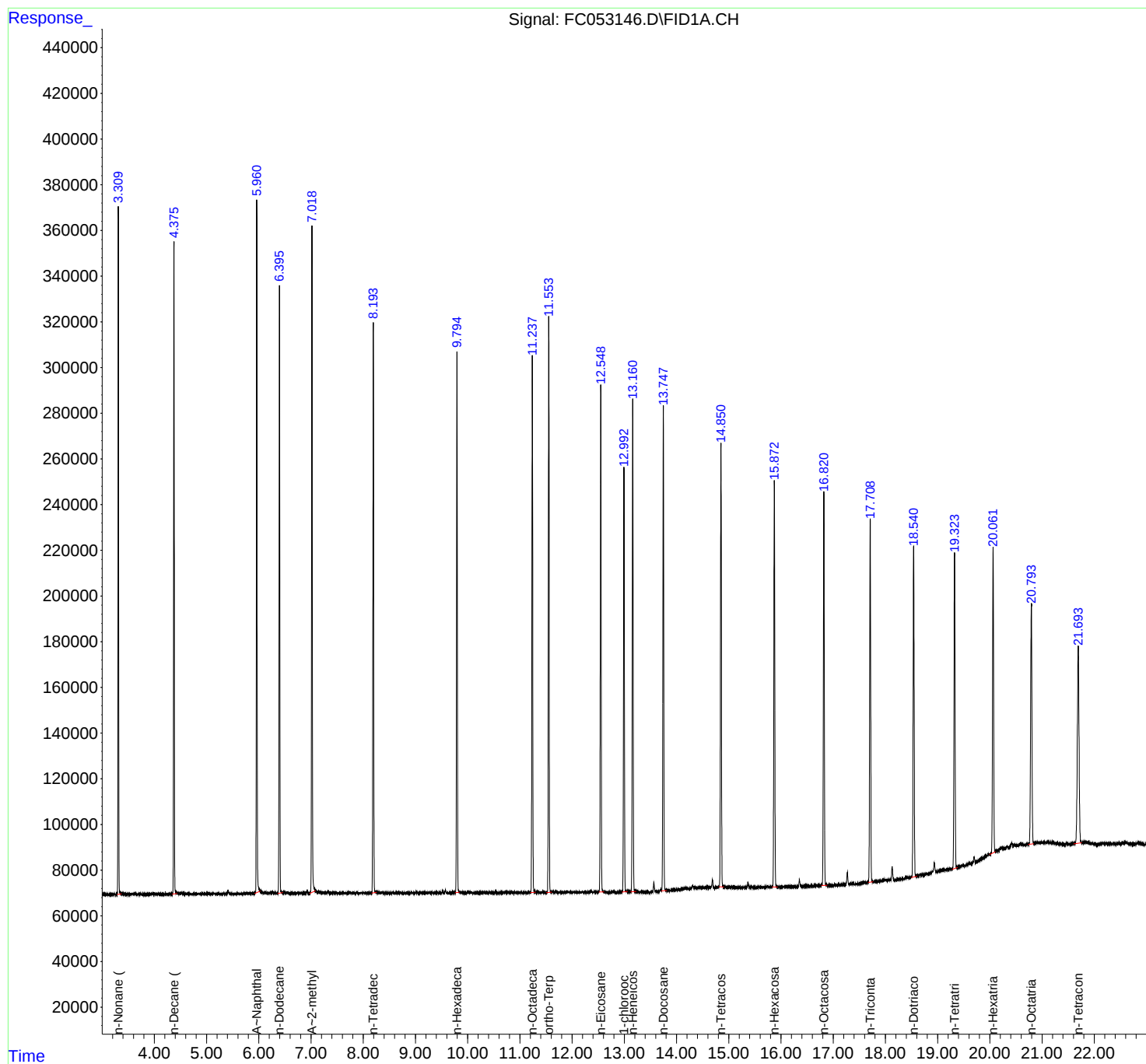
(m)=manual int.

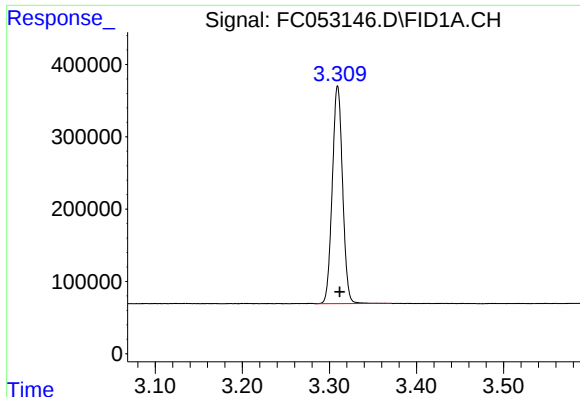
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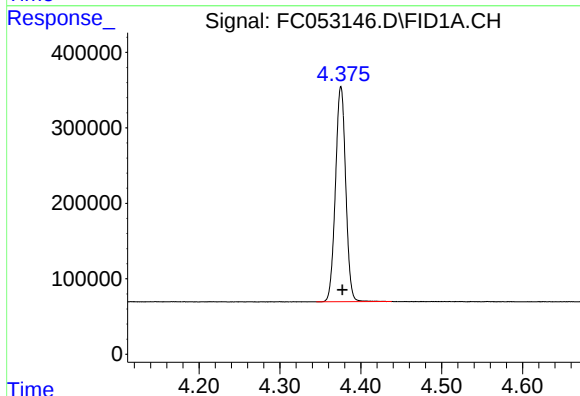




#1 n-Nonane (C9)

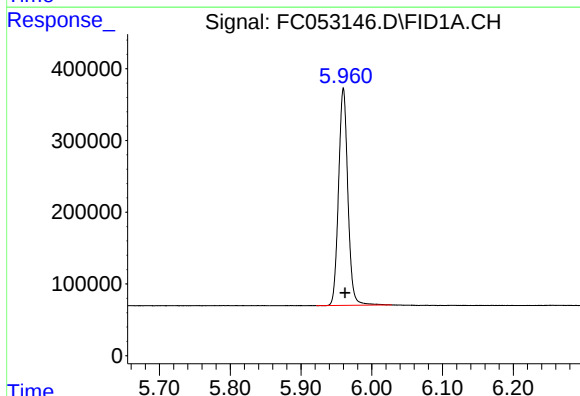
R.T.: 3.310 min
Delta R.T.: -0.002 min
Response: 2475111
Conc: 19.78 ug/ml

Instrument :
FID_C
ClientSampleId :



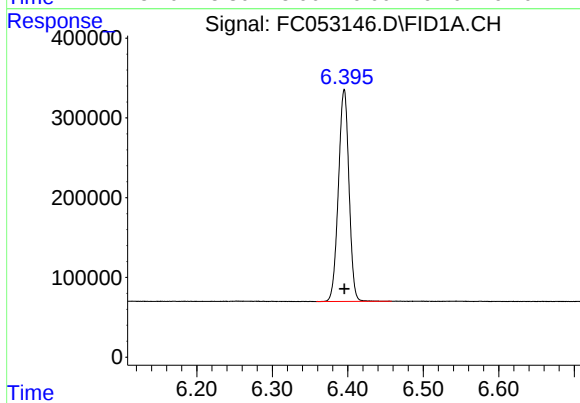
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.002 min
Response: 2516176
Conc: 19.99 ug/ml



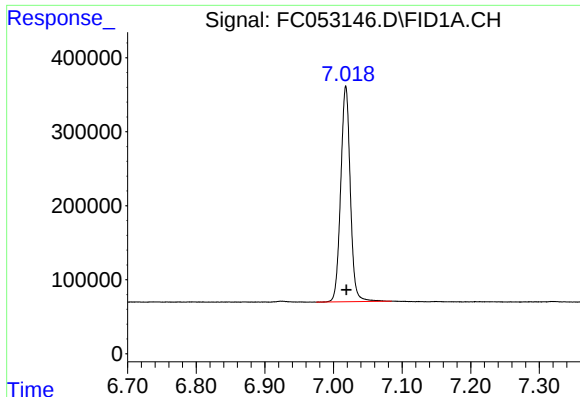
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 2765084
Conc: 19.85 ug/ml



#4 n-Dodecane (C12)

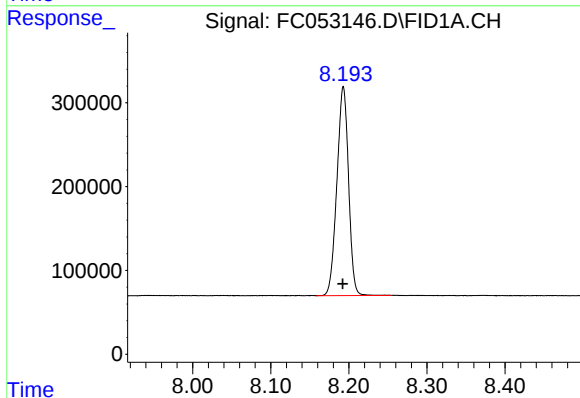
R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 2587135
Conc: 20.20 ug/ml



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

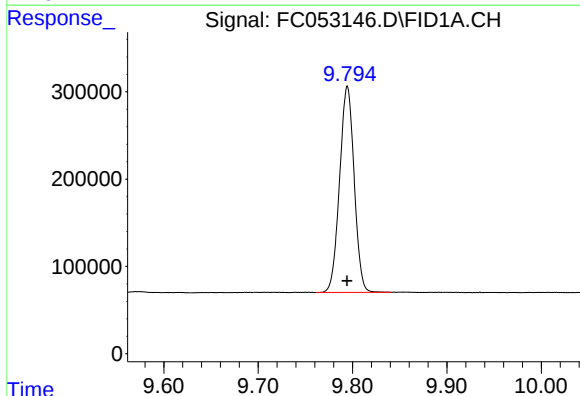
R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 2825392
Conc: 19.99 ug/ml

Instrument :
FID_C
ClientSampleId :



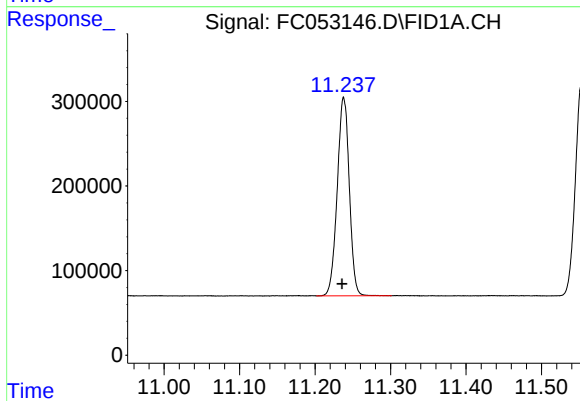
#6 n-Tetradecane (C14)

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 2581342
Conc: 20.06 ug/ml



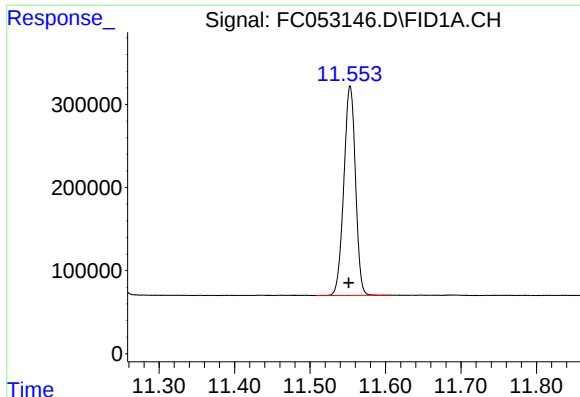
#7 n-Hexadecane (C16)

R.T.: 9.794 min
Delta R.T.: 0.000 min
Response: 2534202
Conc: 19.82 ug/ml



#8 n-Octadecane (C18)

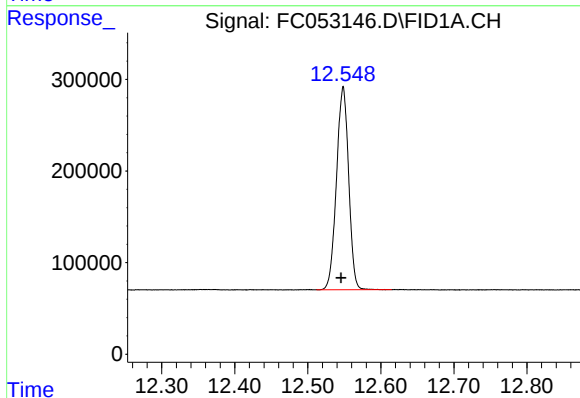
R.T.: 11.238 min
Delta R.T.: 0.002 min
Response: 2606758
Conc: 19.28 ug/ml



#9 ortho-Terphenyl (SURR)

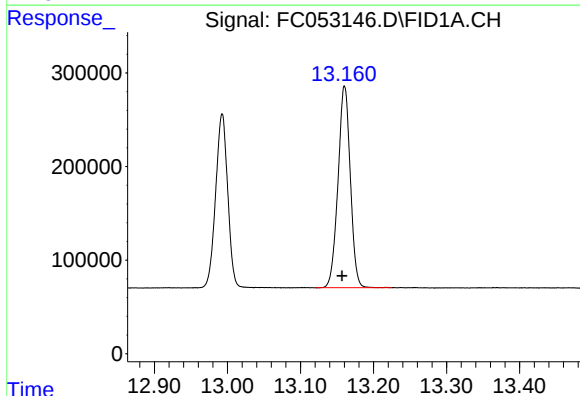
R.T.: 11.553 min
Delta R.T.: 0.002 min
Response: 2701495
Conc: 18.70 ug/ml

Instrument :
FID_C
ClientSampleId :



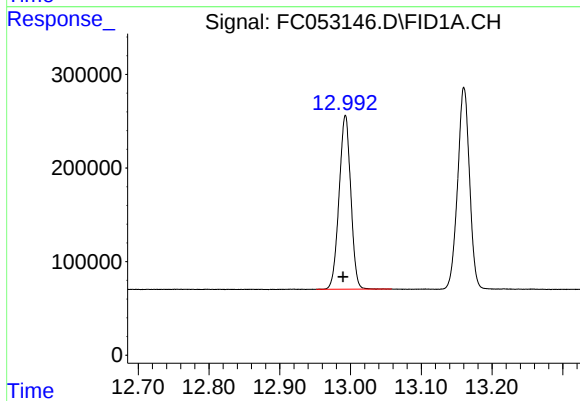
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: 0.003 min
Response: 2564326
Conc: 18.67 ug/ml



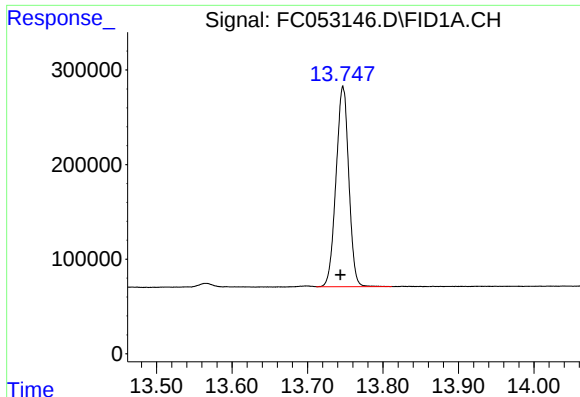
#11 n-Heneicosane (C21)

R.T.: 13.160 min
Delta R.T.: 0.003 min
Response: 2521146
Conc: 18.35 ug/ml



#12 1-chlorooctadecane (SURR)

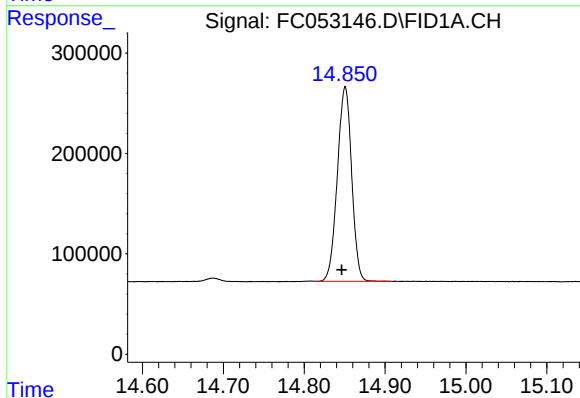
R.T.: 12.993 min
Delta R.T.: 0.003 min
Response: 2131183
Conc: 18.45 ug/ml



#13 n-Docosane (C22)

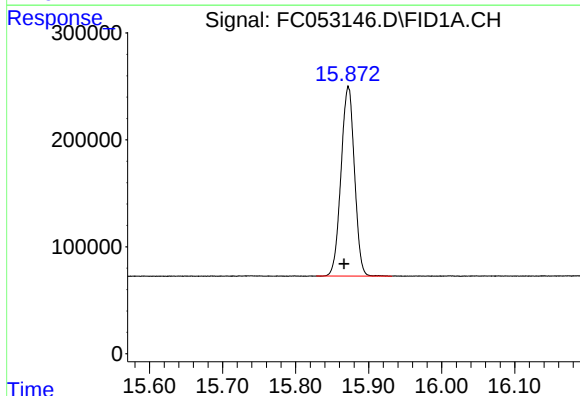
R.T.: 13.747 min
Delta R.T.: 0.003 min
Response: 2484754
Conc: 18.03 ug/ml

Instrument :
FID_C
ClientSampleId :



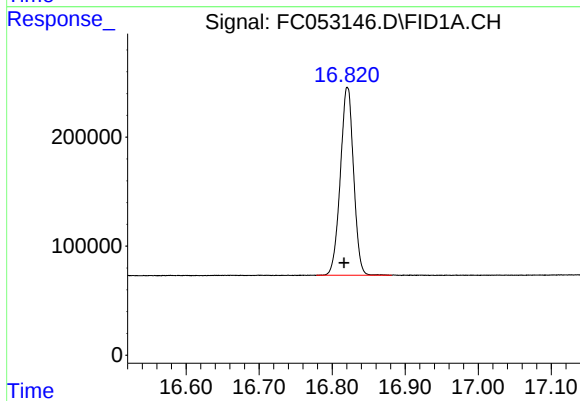
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: 0.004 min
Response: 2384950
Conc: 17.30 ug/ml



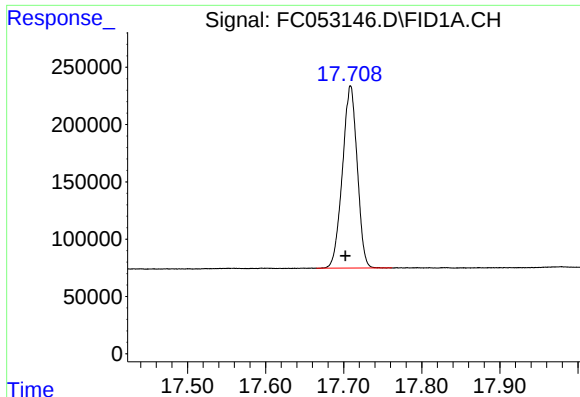
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: 0.006 min
Response: 2268552
Conc: 16.73 ug/ml



#16 n-Octacosane (C28)

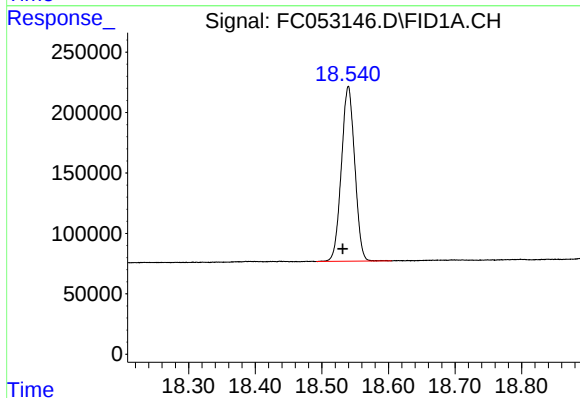
R.T.: 16.821 min
Delta R.T.: 0.005 min
Response: 2173513
Conc: 16.31 ug/ml



#17 n-Tricontane (C30)

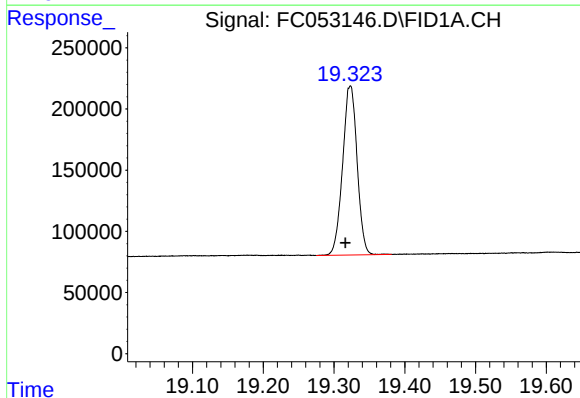
R.T.: 17.709 min
Delta R.T.: 0.007 min
Response: 2095905
Conc: 16.33 ug/ml

Instrument :
FID_C
ClientSampleId :



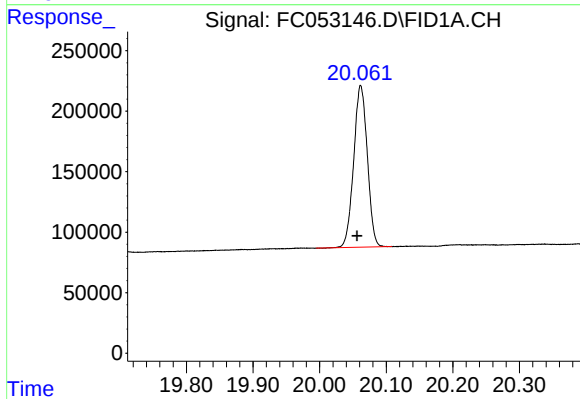
#18 n-Dotriacontane (C32)

R.T.: 18.540 min
Delta R.T.: 0.008 min
Response: 2015567
Conc: 16.87 ug/ml



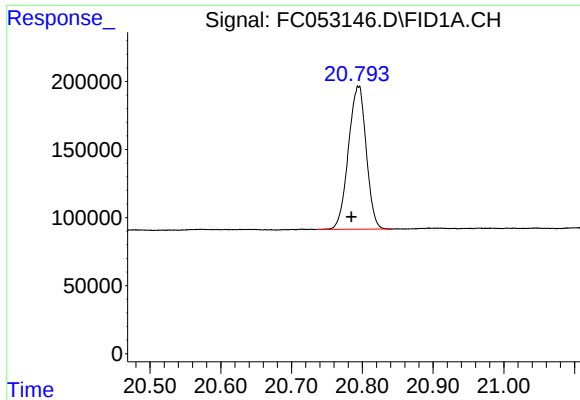
#19 n-Tetratriacontane (C34)

R.T.: 19.323 min
Delta R.T.: 0.007 min
Response: 1967176
Conc: 17.76 ug/ml



#20 n-Hexatriacontane (C36)

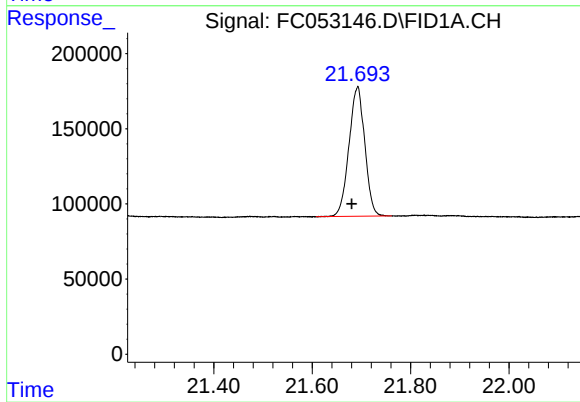
R.T.: 20.062 min
Delta R.T.: 0.006 min
Response: 1899280
Conc: 18.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: 0.009 min
Response: 1836720
Conc: 20.62 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.692 min
Delta R.T.: 0.012 min
Response: 1919753
Conc: 23.98 ug/ml