

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021521AL\
 Data File : FC052032.D
 Signal(s) : FID1A.CH
 Acq On : 15 Feb 2021 22:19
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 16 09:30:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 08:47:53 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)	11.696	2452146	19.821 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
12) S 1-chlorooctadecane (S...	13.126	1984291	19.849 ug/ml
Spiked Amount 50.000		Recovery =	39.70%
Target Compounds			
1) T n-Nonane (C9)	3.448	2135481	19.847 ug/ml
2) T n-Decane (C10)	4.517	2151520	19.808 ug/ml
3) T A~Naphthalene (C11.7)	6.110	2420407	19.865 ug/ml
4) T n-Dodecane (C12)	6.537	2181985	19.796 ug/ml
5) T A~2-methylnaphthalene...	7.167	2467443	19.846 ug/ml
6) T n-Tetradecane (C14)	8.331	2187710	19.744 ug/ml
7) T n-Hexadecane (C16)	9.931	2170253	19.714 ug/ml
8) T n-Octadecane (C18)	11.372	2278088	19.765 ug/ml
10) T n-Eicosane (C20)	12.681	2319036	19.806 ug/ml
11) T n-Heneicosane (C21)	13.293	2331658	19.853 ug/ml
13) T n-Docosane (C22)	13.879	2347336	19.893 ug/ml
14) T n-Tetracosane (C24)	14.981	2372789	19.927 ug/ml
15) T n-Hexacosane (C26)	16.002	2372009	19.979 ug/ml
16) T n-Octacosane (C28)	16.950	2377105	19.916 ug/ml
17) T n-Tricontane (C30)	17.838	2367923	19.836 ug/ml
18) T n-Dotriacontane (C32)	18.671	2322817	19.692 ug/ml
19) T n-Tetratriacontane (C34)	19.454	2294920	19.629 ug/ml
20) T n-Hexatriacontane (C36)	20.192	2194683	19.612 ug/ml
21) T n-Octatriacontane (C38)	20.947	2057210	19.560 ug/ml
22) T n-Tetracontane (C40)	21.896	2039841	19.525 ug/ml

(f)=RT Delta > 1/2 Window

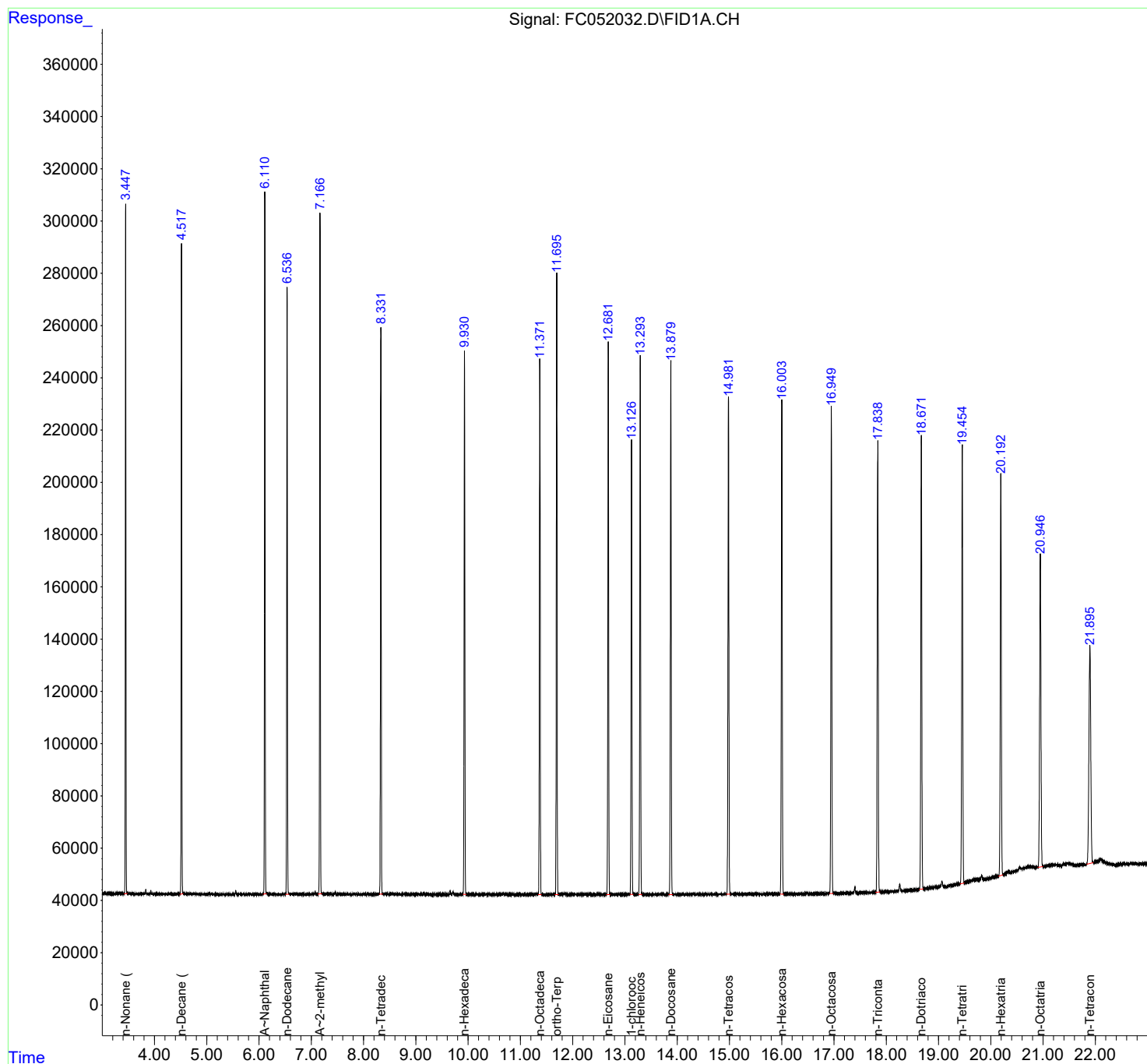
(m)=manual int.

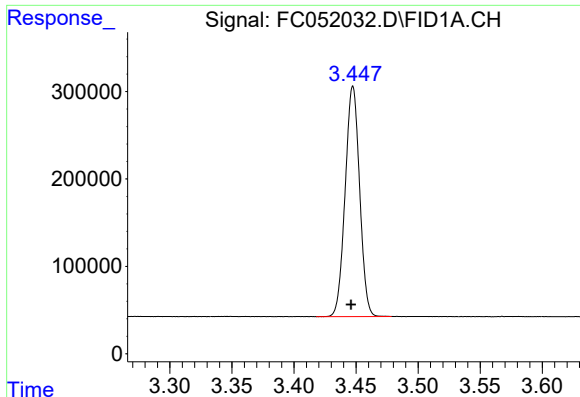
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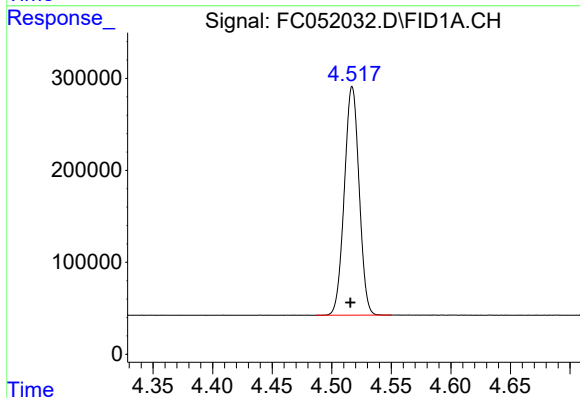




#1 n-Nonane (C9)

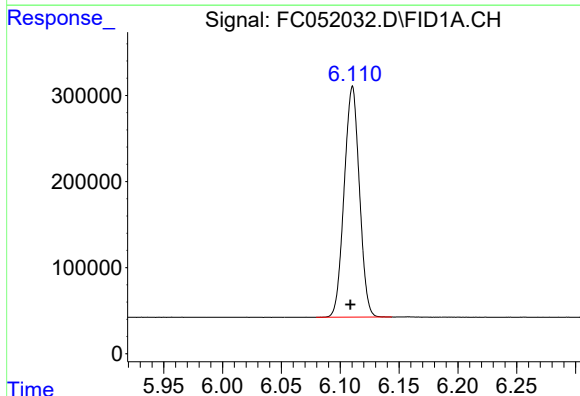
R.T.: 3.448 min
Delta R.T.: 0.002 min
Response: 2135481
Conc: 19.85 ug/ml

Instrument :
FID_C
ClientSampleId :



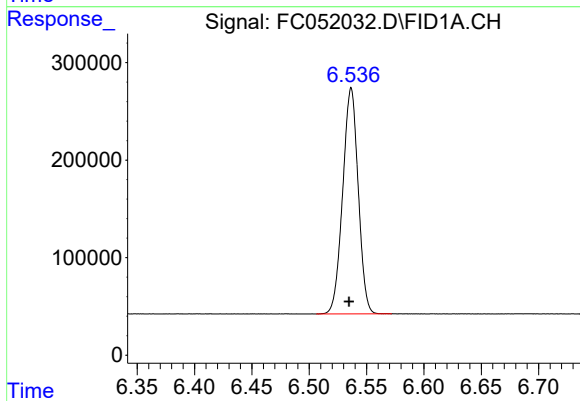
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.002 min
Response: 2151520
Conc: 19.81 ug/ml



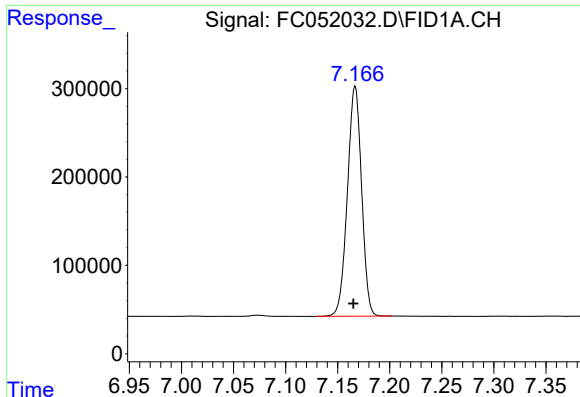
#3 A~Naphthalene (C11.7)

R.T.: 6.110 min
Delta R.T.: 0.002 min
Response: 2420407
Conc: 19.86 ug/ml



#4 n-Dodecane (C12)

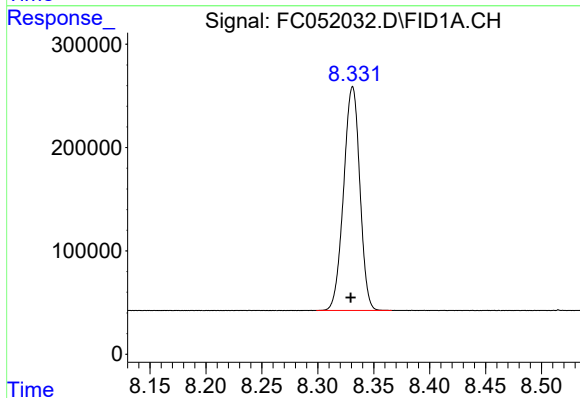
R.T.: 6.537 min
Delta R.T.: 0.002 min
Response: 2181985
Conc: 19.80 ug/ml



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

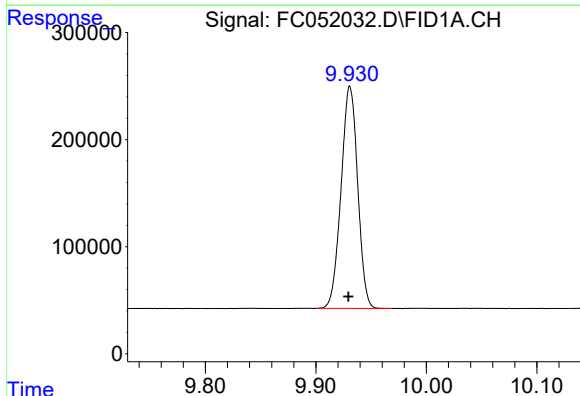
R.T.: 7.167 min
Delta R.T.: 0.002 min
Response: 2467443
Conc: 19.85 ug/ml

Instrument :
FID_C
ClientSampleId :



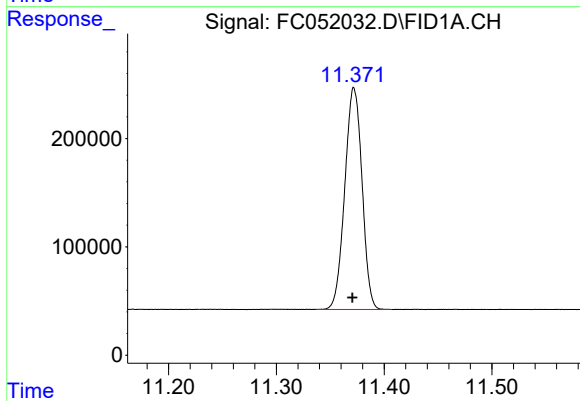
#6 n-Tetradecane (C14)

R.T.: 8.331 min
Delta R.T.: 0.002 min
Response: 2187710
Conc: 19.74 ug/ml



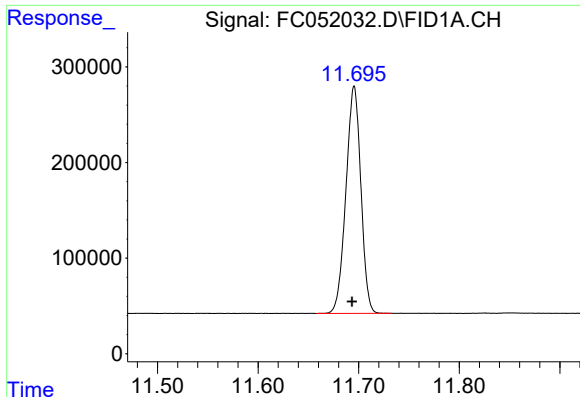
#7 n-Hexadecane (C16)

R.T.: 9.931 min
Delta R.T.: 0.002 min
Response: 2170253
Conc: 19.71 ug/ml



#8 n-Octadecane (C18)

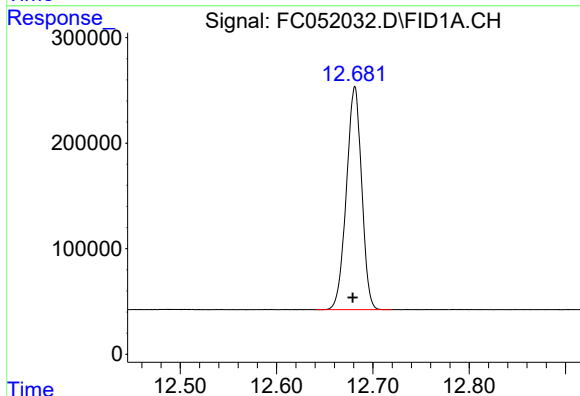
R.T.: 11.372 min
Delta R.T.: 0.002 min
Response: 2278088
Conc: 19.77 ug/ml



#9 ortho-Terphenyl (SURR)

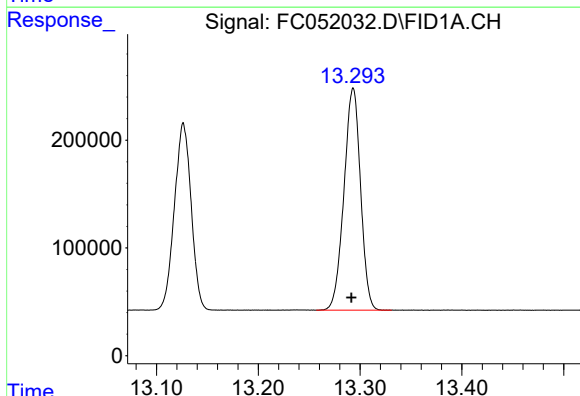
R.T.: 11.696 min
Delta R.T.: 0.002 min
Response: 2452146
Conc: 19.82 ug/ml

Instrument :
FID_C
ClientSampleId :



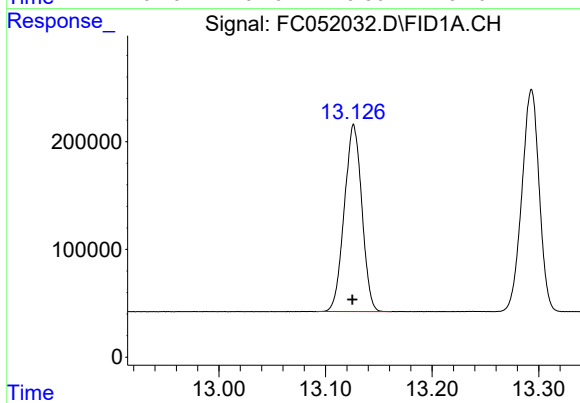
#10 n-Eicosane (C20)

R.T.: 12.681 min
Delta R.T.: 0.002 min
Response: 2319036
Conc: 19.81 ug/ml



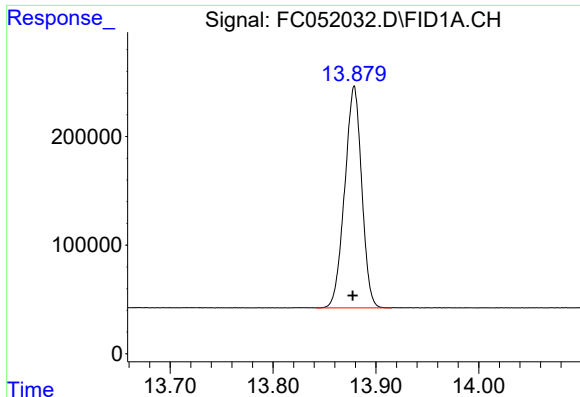
#11 n-Heneicosane (C21)

R.T.: 13.293 min
Delta R.T.: 0.002 min
Response: 2331658
Conc: 19.85 ug/ml



#12 1-chlorooctadecane (SURR)

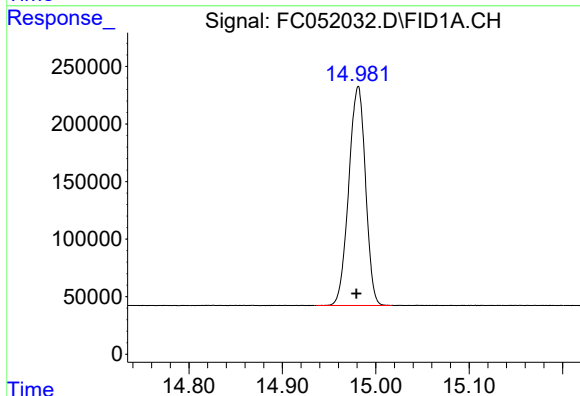
R.T.: 13.126 min
Delta R.T.: 0.001 min
Response: 1984291
Conc: 19.85 ug/ml



#13 n-Docosane (C22)

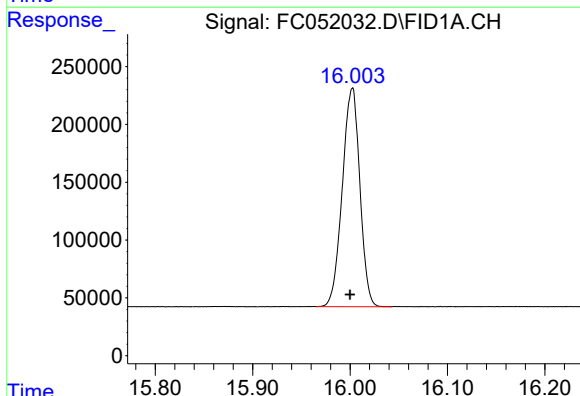
R.T.: 13.879 min
Delta R.T.: 0.002 min
Response: 2347336
Conc: 19.89 ug/ml

Instrument :
FID_C
ClientSampleId :



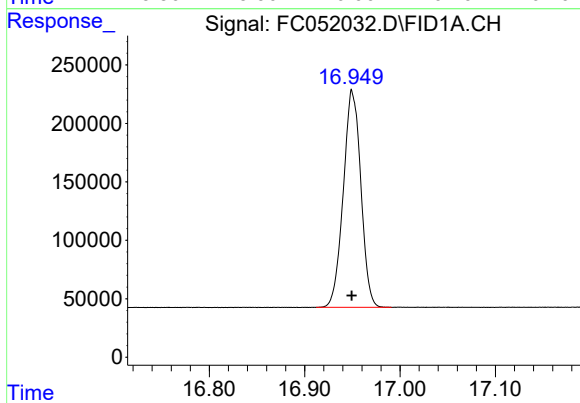
#14 n-Tetracosane (C24)

R.T.: 14.981 min
Delta R.T.: 0.002 min
Response: 2372789
Conc: 19.93 ug/ml



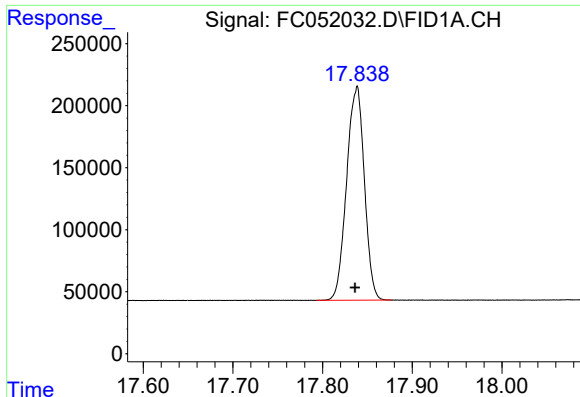
#15 n-Hexacosane (C26)

R.T.: 16.002 min
Delta R.T.: 0.002 min
Response: 2372009
Conc: 19.98 ug/ml



#16 n-Octacosane (C28)

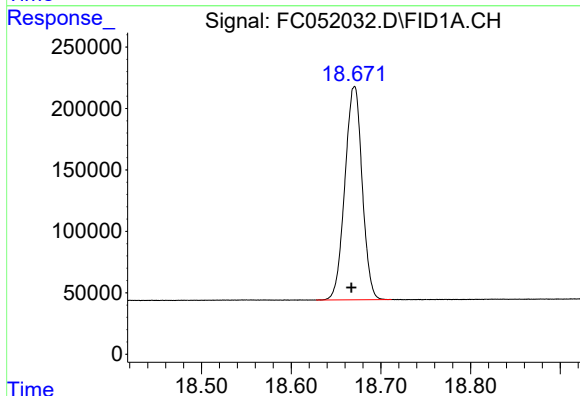
R.T.: 16.950 min
Delta R.T.: 0.000 min
Response: 2377105
Conc: 19.92 ug/ml



#17 n-Tricontane (C30)

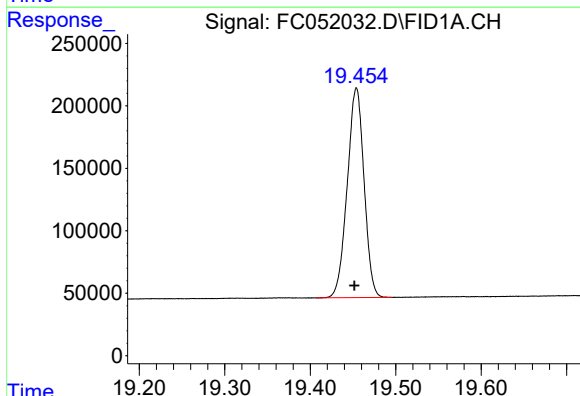
R.T.: 17.838 min
Delta R.T.: 0.002 min
Response: 2367923
Conc: 19.84 ug/ml

Instrument :
FID_C
ClientSampleId :



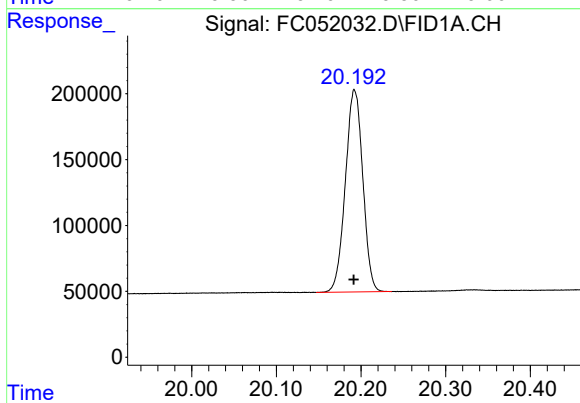
#18 n-Dotriacontane (C32)

R.T.: 18.671 min
Delta R.T.: 0.003 min
Response: 2322817
Conc: 19.69 ug/ml



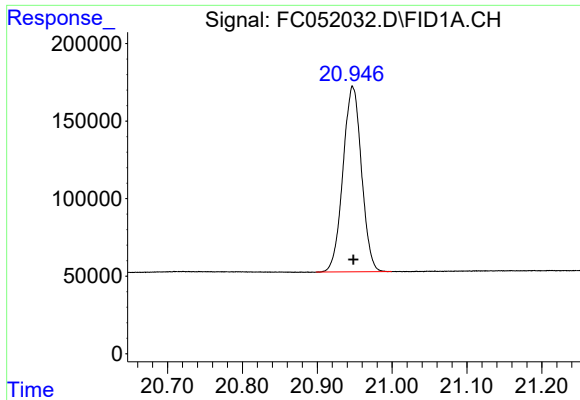
#19 n-Tetratriacontane (C34)

R.T.: 19.454 min
Delta R.T.: 0.002 min
Response: 2294920
Conc: 19.63 ug/ml



#20 n-Hexatriacontane (C36)

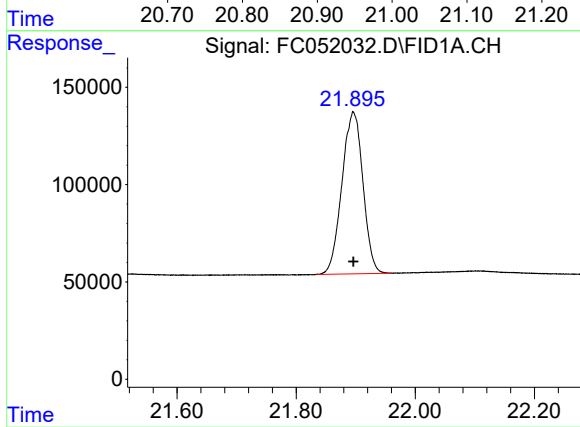
R.T.: 20.192 min
Delta R.T.: 0.000 min
Response: 2194683
Conc: 19.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.947 min
Delta R.T.: 0.000 min
Response: 2057210
Conc: 19.56 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.896 min
Delta R.T.: 0.000 min
Response: 2039841
Conc: 19.53 ug/ml