

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022221AL\
 Data File : FC052111.D
 Signal(s) : FID1A.CH
 Acq On : 22 Feb 2021 22:04
 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: Feb 23 03:34:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 09:35:39 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)	11.698	2578128	21.241 ug/ml
Spiked Amount 50.000		Recovery =	42.48%
12) S 1-chlorooctadecane (S...	13.128	2065747	21.039 ug/ml
Spiked Amount 50.000		Recovery =	42.08%
Target Compounds			
1) T n-Nonane (C9)	3.449	2266471	21.449 ug/ml
2) T n-Decane (C10)	4.518	2296315	21.549 ug/ml
3) T A~Naphthalene (C11.7)	6.112	2595866	21.705 ug/ml
4) T n-Dodecane (C12)	6.537	2345438	21.690 ug/ml
5) T A~2-methylnaphthalene...	7.168	2655222	21.760 ug/ml
6) T n-Tetradecane (C14)	8.332	2366928	21.795 ug/ml
7) T n-Hexadecane (C16)	9.932	2344336	21.723 ug/ml
8) T n-Octadecane (C18)	11.374	2437861	21.563 ug/ml
10) T n-Eicosane (C20)	12.682	2442708	21.269 ug/ml
11) T n-Heneicosane (C21)	13.294	2430463	21.089 ug/ml
13) T n-Docosane (C22)	13.879	2415138	20.836 ug/ml
14) T n-Tetracosane (C24)	14.982	2371978	20.256 ug/ml
15) T n-Hexacosane (C26)	16.002	2284425	19.539 ug/ml
16) T n-Octacosane (C28)	16.952	2196403	18.676 ug/ml
17) T n-Tricontane (C30)	17.840	2106223	17.819 ug/ml
18) T n-Dotriacontane (C32)	18.673	1994433	17.007 ug/ml
19) T n-Tetratriacontane (C34)	19.457	1923934	16.611 ug/ml
20) T n-Hexatriacontane (C36)	20.196	1840921	16.546 ug/ml
21) T n-Octatriacontane (C38)	20.953	1759860	17.184 ug/ml
22) T n-Tetracontane (C40)	21.905	1814929	17.607 ug/ml

(f)=RT Delta > 1/2 Window

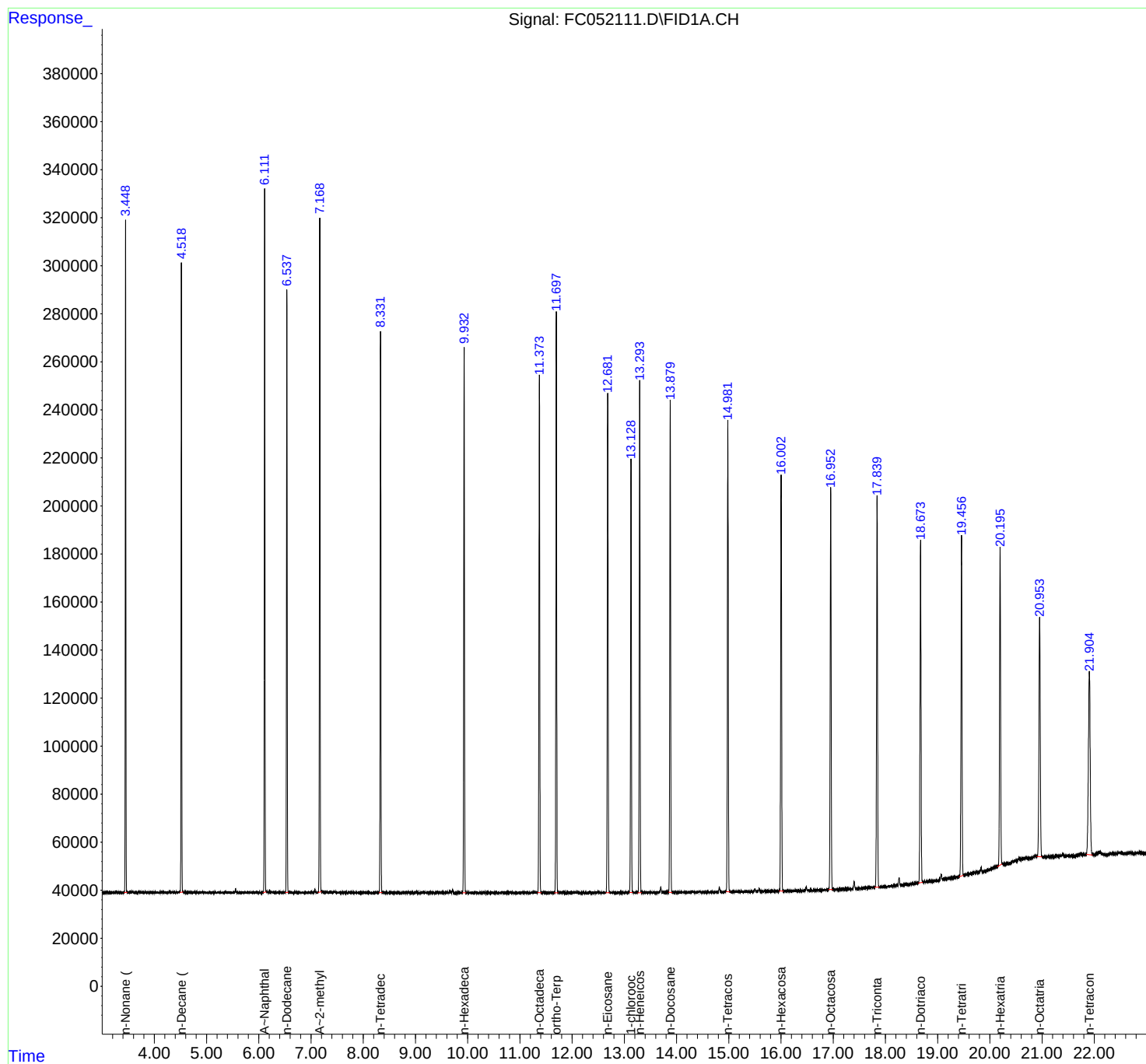
(m)=manual int.

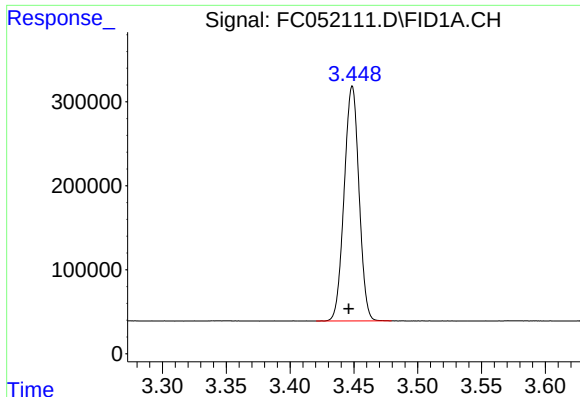
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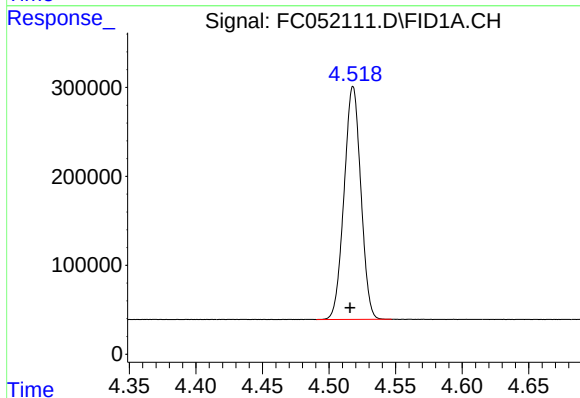




#1 n-Nonane (C9)

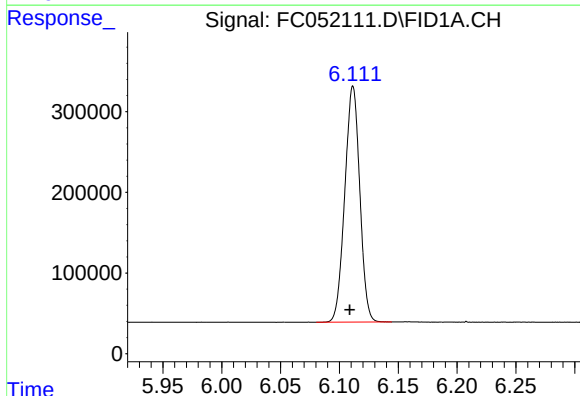
R.T.: 3.449 min
Delta R.T.: 0.003 min
Response: 2266471
Conc: 21.45 ug/ml

Instrument :
FID_C
ClientSampleId :



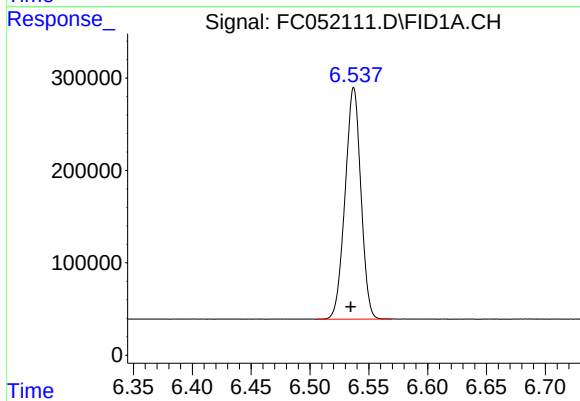
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.002 min
Response: 2296315
Conc: 21.55 ug/ml



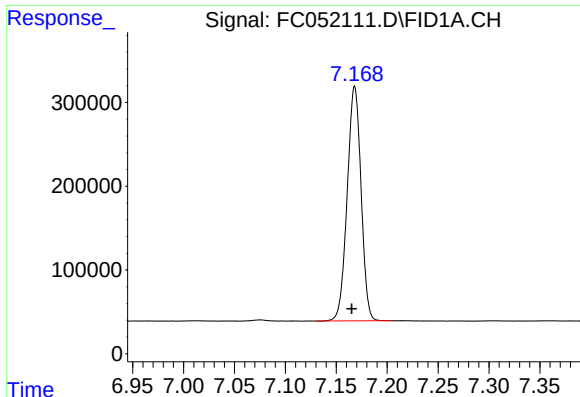
#3 A~Naphthalene (C11.7)

R.T.: 6.112 min
Delta R.T.: 0.003 min
Response: 2595866
Conc: 21.71 ug/ml



#4 n-Dodecane (C12)

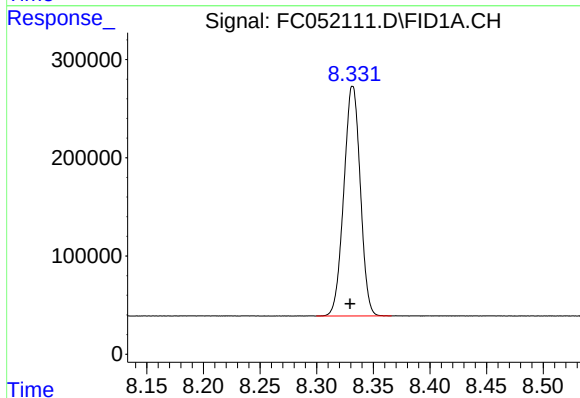
R.T.: 6.537 min
Delta R.T.: 0.003 min
Response: 2345438
Conc: 21.69 ug/ml



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

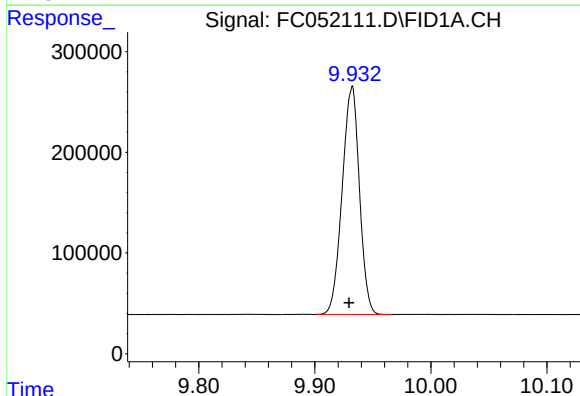
R.T.: 7.168 min
Delta R.T.: 0.003 min
Response: 2655222
Conc: 21.76 ug/ml

Instrument :
FID_C
ClientSampleId :



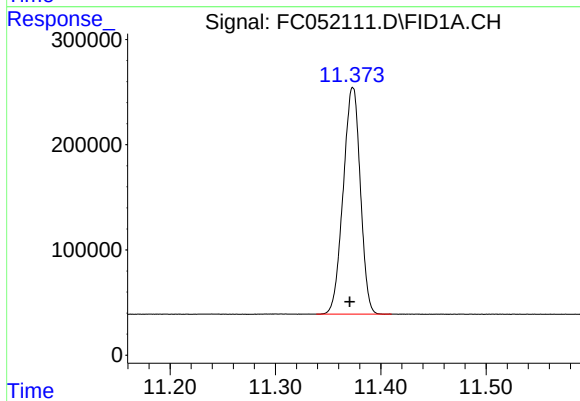
#6 n-Tetradecane (C14)

R.T.: 8.332 min
Delta R.T.: 0.002 min
Response: 2366928
Conc: 21.80 ug/ml



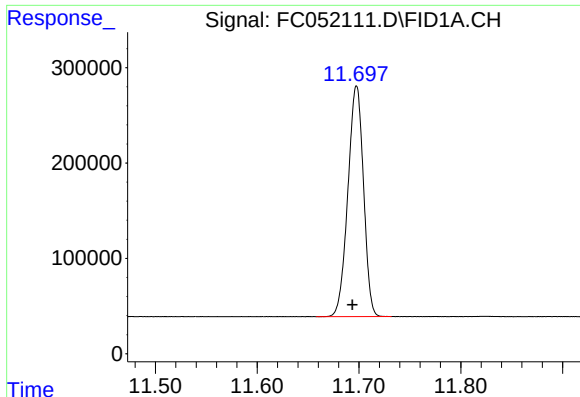
#7 n-Hexadecane (C16)

R.T.: 9.932 min
Delta R.T.: 0.003 min
Response: 2344336
Conc: 21.72 ug/ml



#8 n-Octadecane (C18)

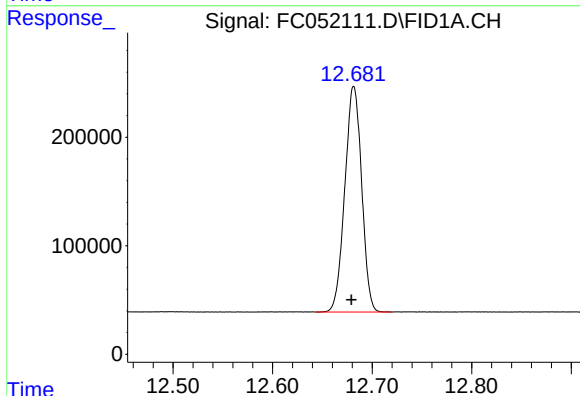
R.T.: 11.374 min
Delta R.T.: 0.003 min
Response: 2437861
Conc: 21.56 ug/ml



#9 ortho-Terphenyl (SURR)

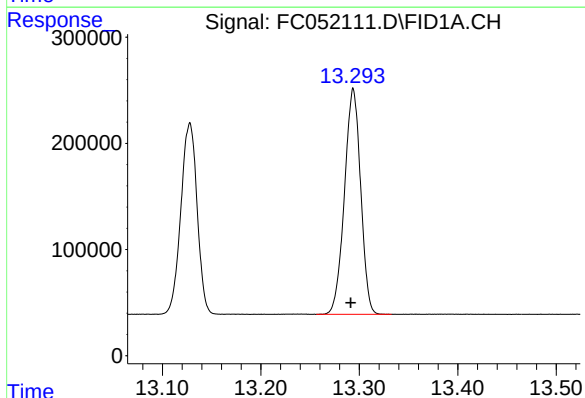
R.T.: 11.698 min
Delta R.T.: 0.004 min
Response: 2578128
Conc: 21.24 ug/ml

Instrument :
FID_C
ClientSampleId :



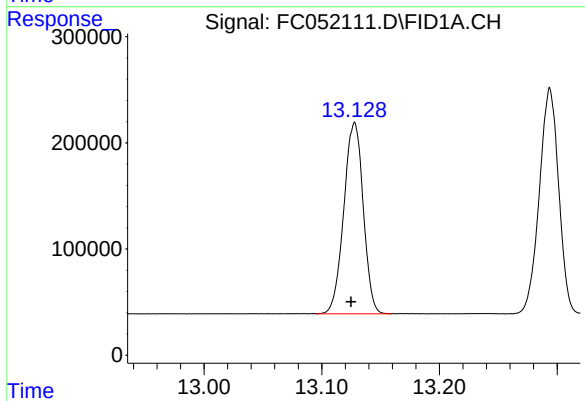
#10 n-Eicosane (C20)

R.T.: 12.682 min
Delta R.T.: 0.002 min
Response: 2442708
Conc: 21.27 ug/ml



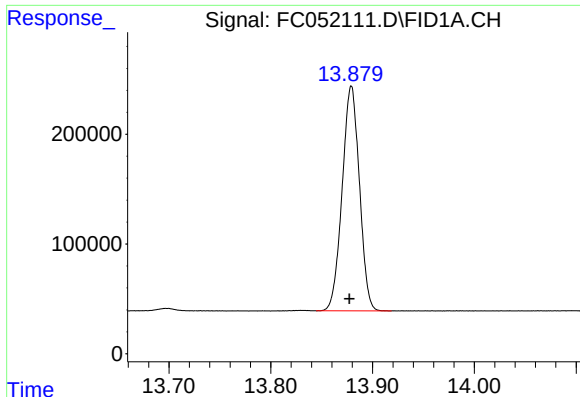
#11 n-Heneicosane (C21)

R.T.: 13.294 min
Delta R.T.: 0.002 min
Response: 2430463
Conc: 21.09 ug/ml



#12 1-chlorooctadecane (SURR)

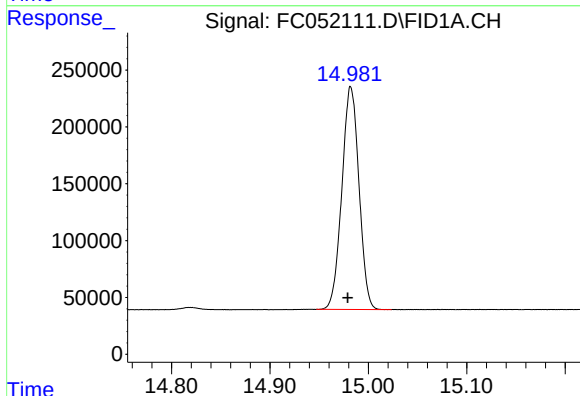
R.T.: 13.128 min
Delta R.T.: 0.003 min
Response: 2065747
Conc: 21.04 ug/ml



#13 n-Docosane (C22)

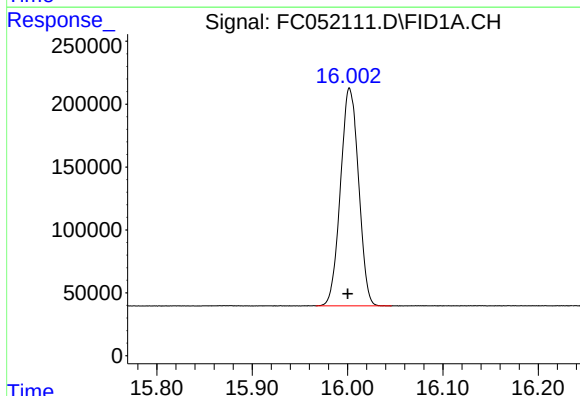
R.T.: 13.879 min
Delta R.T.: 0.002 min
Response: 2415138
Conc: 20.84 ug/ml

Instrument :
FID_C
ClientSampleId :



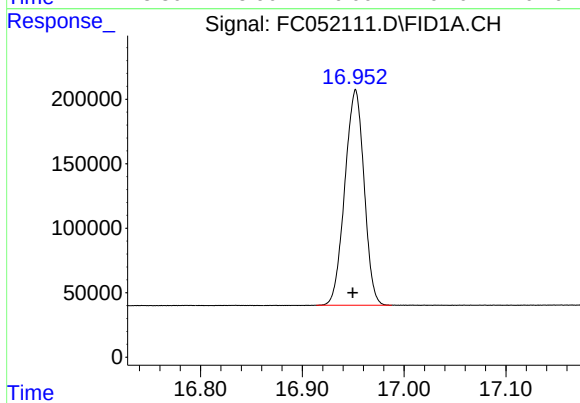
#14 n-Tetracosane (C24)

R.T.: 14.982 min
Delta R.T.: 0.003 min
Response: 2371978
Conc: 20.26 ug/ml



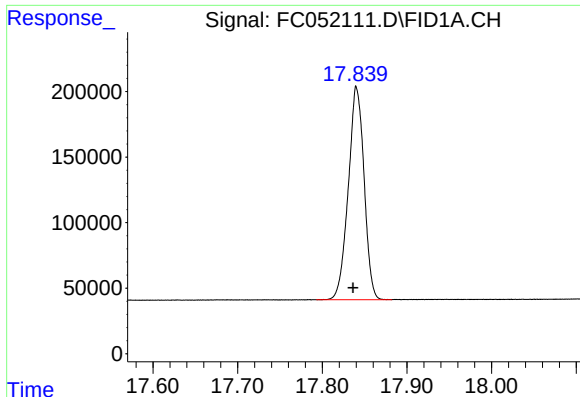
#15 n-Hexacosane (C26)

R.T.: 16.002 min
Delta R.T.: 0.002 min
Response: 2284425
Conc: 19.54 ug/ml



#16 n-Octacosane (C28)

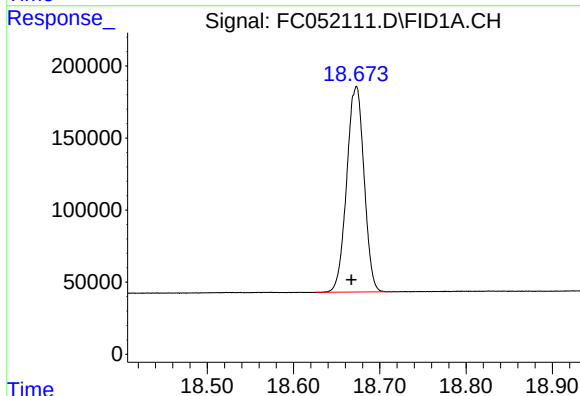
R.T.: 16.952 min
Delta R.T.: 0.003 min
Response: 2196403
Conc: 18.68 ug/ml



#17 n-Tricontane (C30)

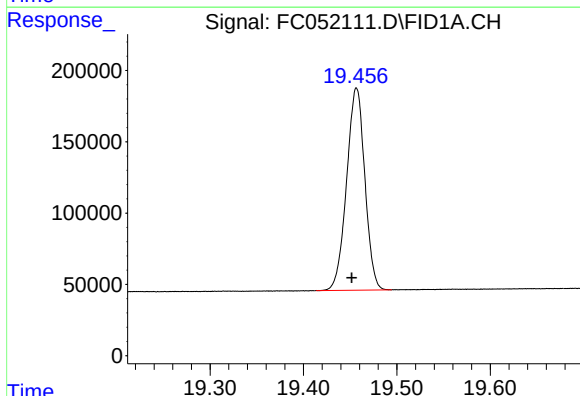
R.T.: 17.840 min
Delta R.T.: 0.004 min
Response: 2106223
Conc: 17.82 ug/ml

Instrument :
FID_C
ClientSampleId :



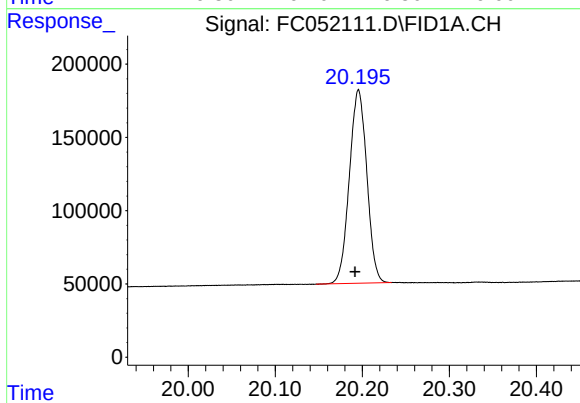
#18 n-Dotriacontane (C32)

R.T.: 18.673 min
Delta R.T.: 0.006 min
Response: 1994433
Conc: 17.01 ug/ml



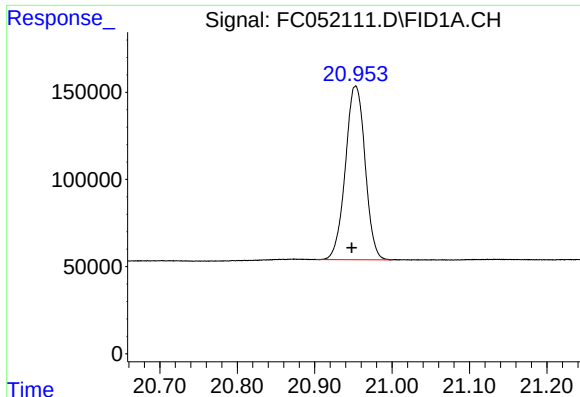
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: 0.005 min
Response: 1923934
Conc: 16.61 ug/ml



#20 n-Hexatriacontane (C36)

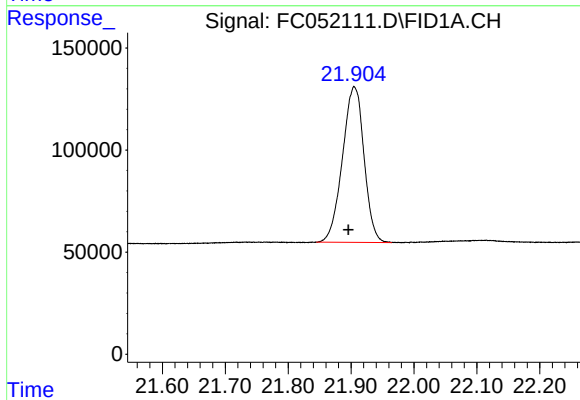
R.T.: 20.196 min
Delta R.T.: 0.004 min
Response: 1840921
Conc: 16.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.953 min
Delta R.T.: 0.005 min
Response: 1759860
Conc: 17.18 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.905 min
Delta R.T.: 0.009 min
Response: 1814929
Conc: 17.61 ug/ml