

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022321AL\
 Data File : FC052114.D
 Signal(s) : FID1A.CH
 Acq On : 23 Feb 2021 9:05
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 23 12:51:03 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	2612769	21.526 ug/ml
Spiked Amount 50.000		Recovery =	43.05%
12) S 1-chlorooctadecane (S...	13.129	2093328	21.319 ug/ml
Spiked Amount 50.000		Recovery =	42.64%
Target Compounds			
1) T n-Nonane (C9)	3.449	2277189	21.550 ug/ml
2) T n-Decane (C10)	4.518	2314871	21.723 ug/ml
3) T A~Naphthalene (C11.7)	6.112	2619647	21.904 ug/ml
4) T n-Dodecane (C12)	6.537	2364556	21.867 ug/ml
5) T A~2-methylnaphthalene...	7.169	2681298	21.974 ug/ml
6) T n-Tetradecane (C14)	8.332	2385113	21.963 ug/ml
7) T n-Hexadecane (C16)	9.932	2364100	21.906 ug/ml
8) T n-Octadecane (C18)	11.373	2465490	21.808 ug/ml
10) T n-Eicosane (C20)	12.683	2474374	21.545 ug/ml
11) T n-Heneicosane (C21)	13.294	2459451	21.340 ug/ml
13) T n-Docosane (C22)	13.880	2455695	21.186 ug/ml
14) T n-Tetracosane (C24)	14.983	2426746	20.724 ug/ml
15) T n-Hexacosane (C26)	16.003	2348389	20.086 ug/ml
16) T n-Octacosane (C28)	16.953	2258327	19.202 ug/ml
17) T n-Tricontane (C30)	17.840	2156993	18.249 ug/ml
18) T n-Dotriacontane (C32)	18.673	2036524	17.366 ug/ml
19) T n-Tetratriacontane (C34)	19.457	1953956	16.871 ug/ml
20) T n-Hexatriacontane (C36)	20.197	1863160	16.746 ug/ml
21) T n-Octatriacontane (C38)	20.955	1780211	17.383 ug/ml
22) T n-Tetracontane (C40)	21.905	1854716	17.993 ug/ml

(f)=RT Delta > 1/2 Window

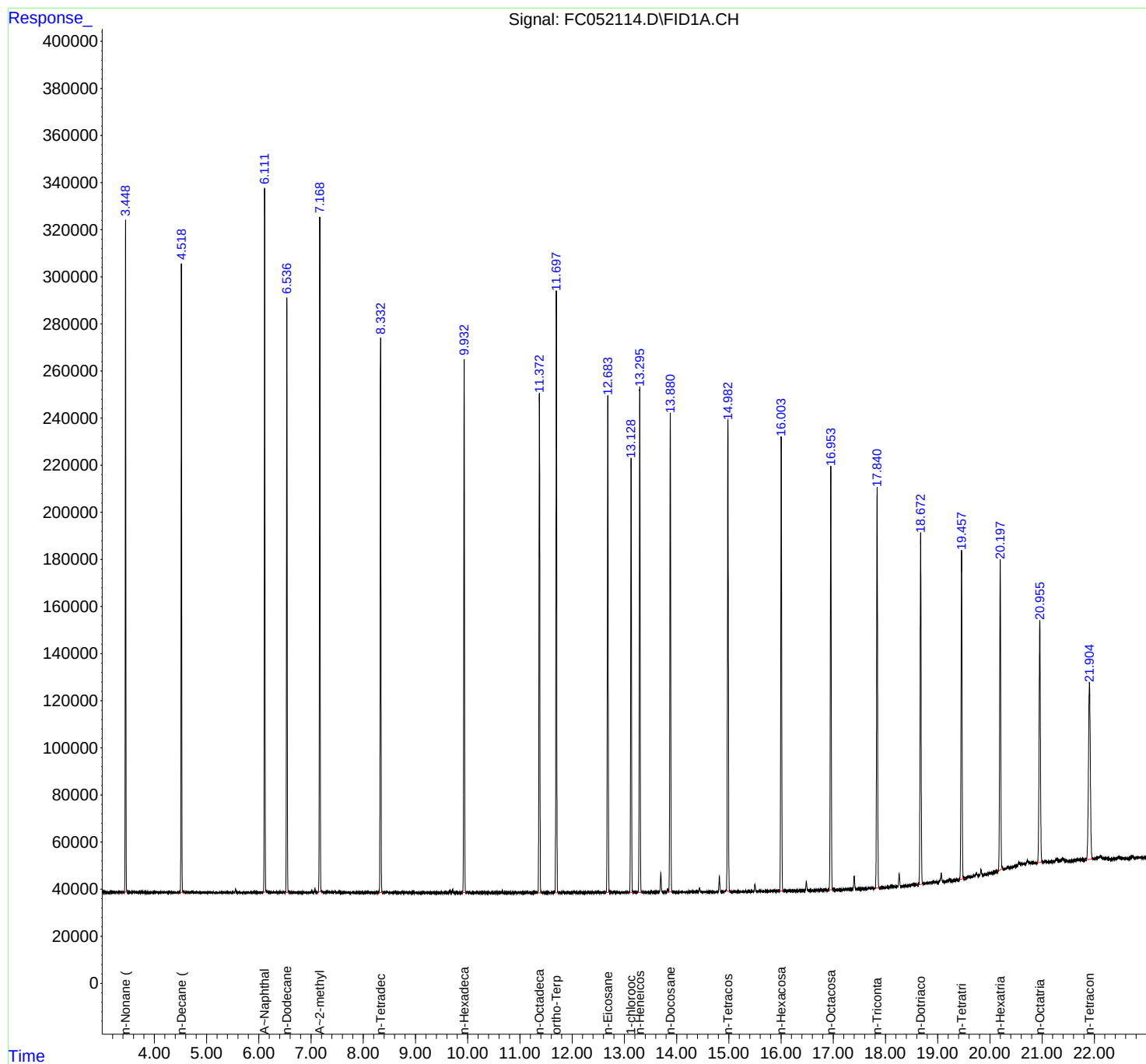
(m)=manual int.

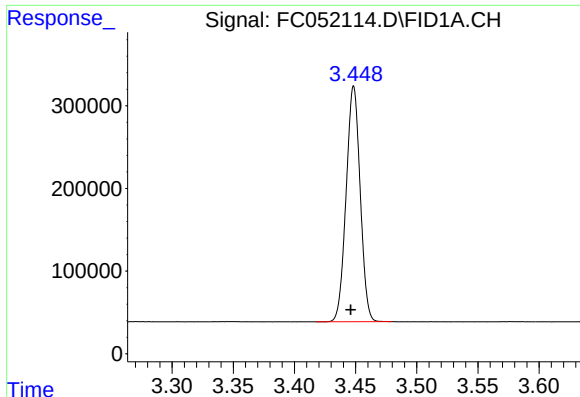
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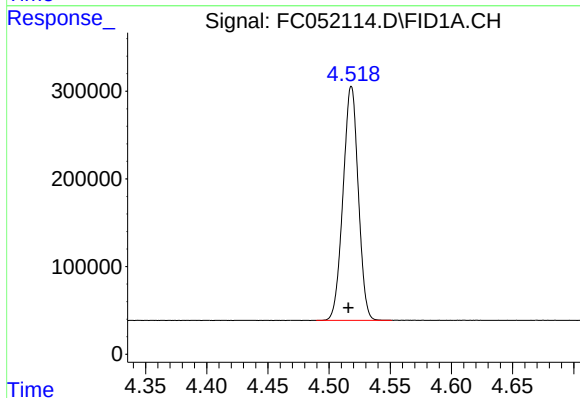




#1 n-Nonane (C9)

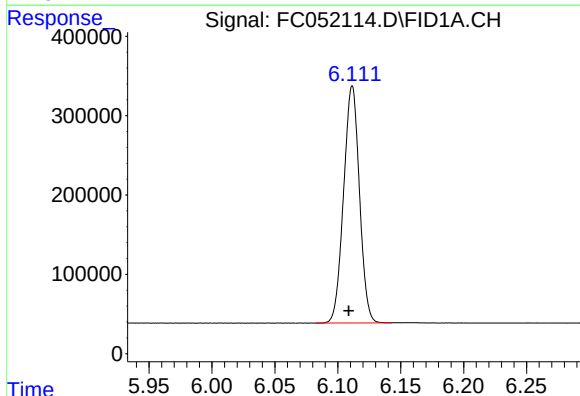
R.T.: 3.449 min
Delta R.T.: 0.003 min
Response: 2277189
Conc: 21.55 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



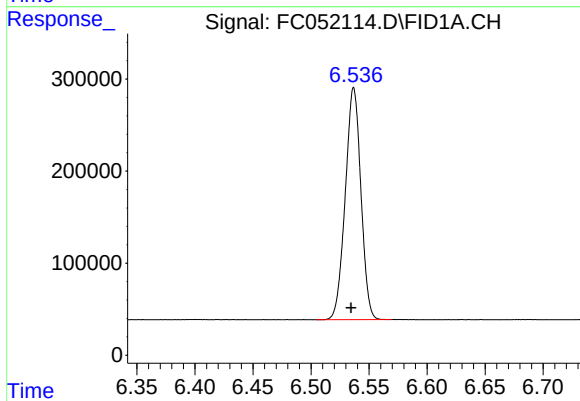
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.003 min
Response: 2314871
Conc: 21.72 ug/ml



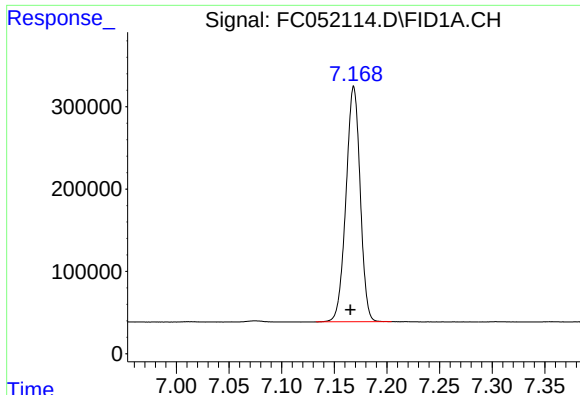
#3 A~Naphthalene (C11.7)

R.T.: 6.112 min
Delta R.T.: 0.003 min
Response: 2619647
Conc: 21.90 ug/ml



#4 n-Dodecane (C12)

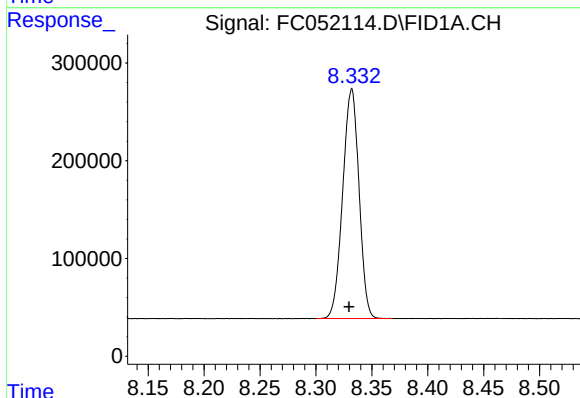
R.T.: 6.537 min
Delta R.T.: 0.002 min
Response: 2364556
Conc: 21.87 ug/ml



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

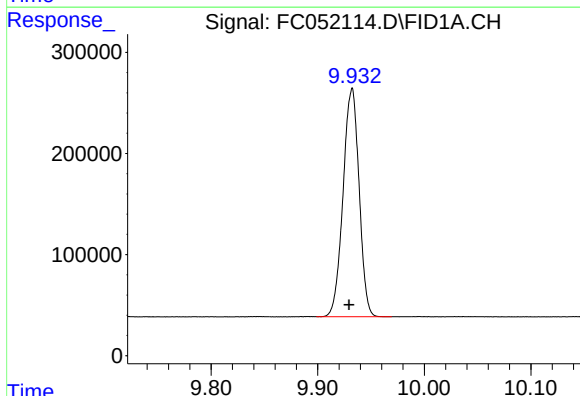
R.T.: 7.169 min
Delta R.T.: 0.003 min
Response: 2681298
Conc: 21.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



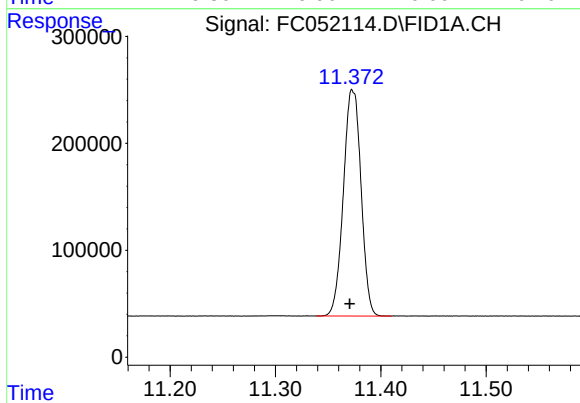
#6 n-Tetradecane (C14)

R.T.: 8.332 min
Delta R.T.: 0.003 min
Response: 2385113
Conc: 21.96 ug/ml



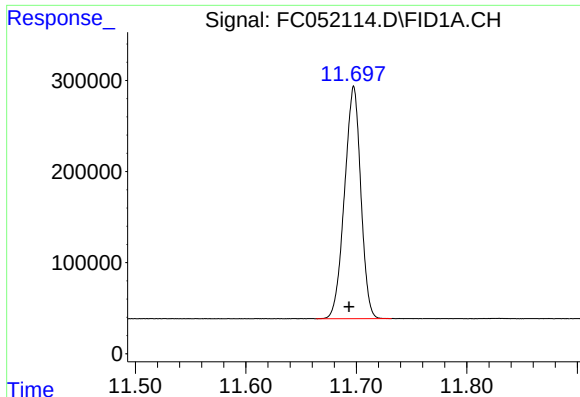
#7 n-Hexadecane (C16)

R.T.: 9.932 min
Delta R.T.: 0.003 min
Response: 2364100
Conc: 21.91 ug/ml



#8 n-Octadecane (C18)

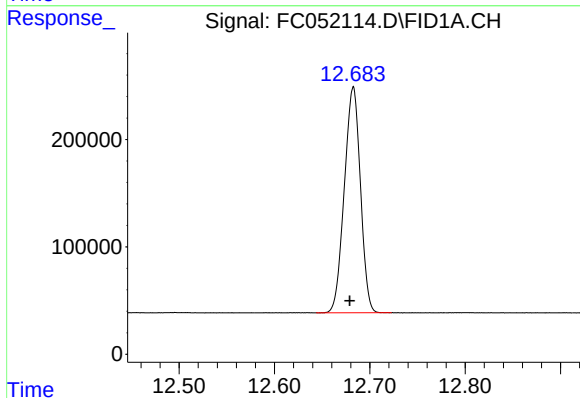
R.T.: 11.373 min
Delta R.T.: 0.003 min
Response: 2465490
Conc: 21.81 ug/ml



#9 ortho-Terphenyl (SURR)

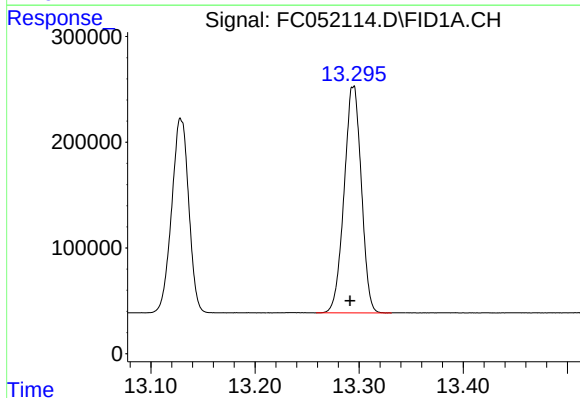
R.T.: 11.698 min
Delta R.T.: 0.004 min
Response: 2612769
Conc: 21.53 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



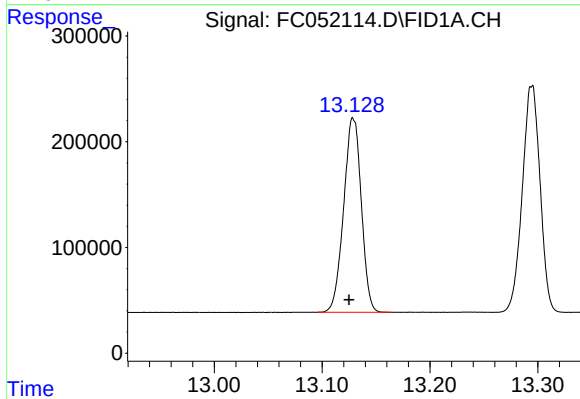
#10 n-Eicosane (C20)

R.T.: 12.683 min
Delta R.T.: 0.004 min
Response: 2474374
Conc: 21.54 ug/ml



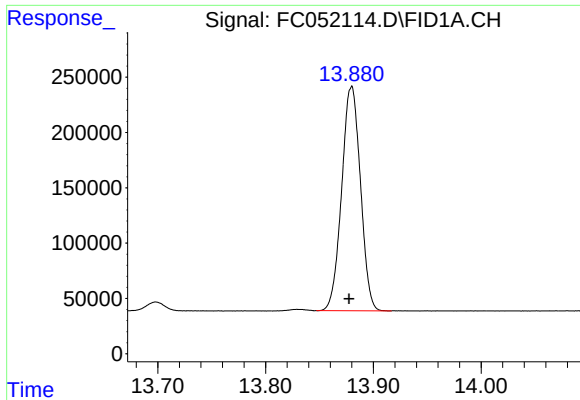
#11 n-Heneicosane (C21)

R.T.: 13.294 min
Delta R.T.: 0.003 min
Response: 2459451
Conc: 21.34 ug/ml



#12 1-chlorooctadecane (SURR)

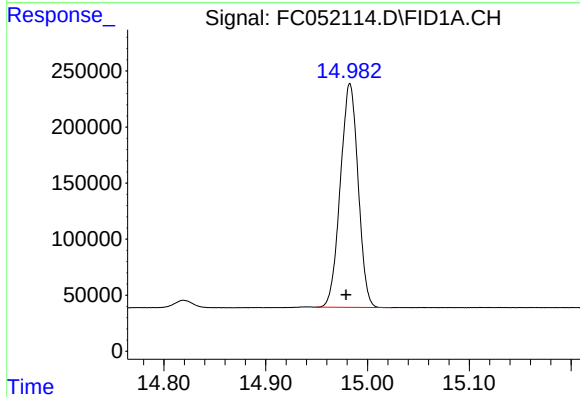
R.T.: 13.129 min
Delta R.T.: 0.004 min
Response: 2093328
Conc: 21.32 ug/ml



#13 n-Docosane (C22)

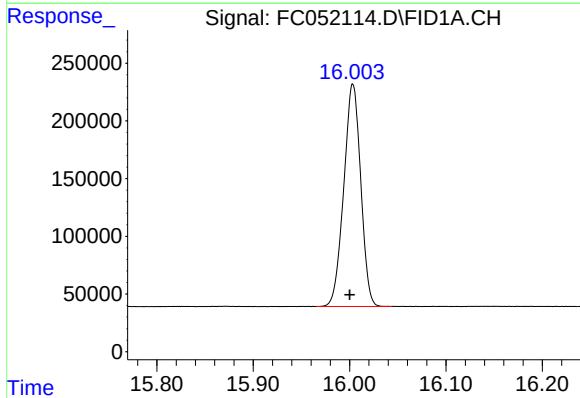
R.T.: 13.880 min
Delta R.T.: 0.002 min
Response: 2455695
Conc: 21.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



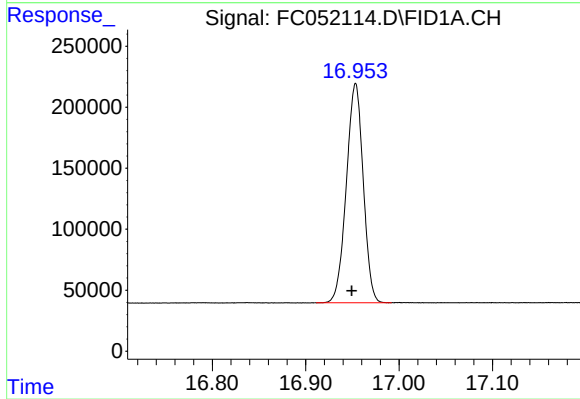
#14 n-Tetracosane (C24)

R.T.: 14.983 min
Delta R.T.: 0.004 min
Response: 2426746
Conc: 20.72 ug/ml



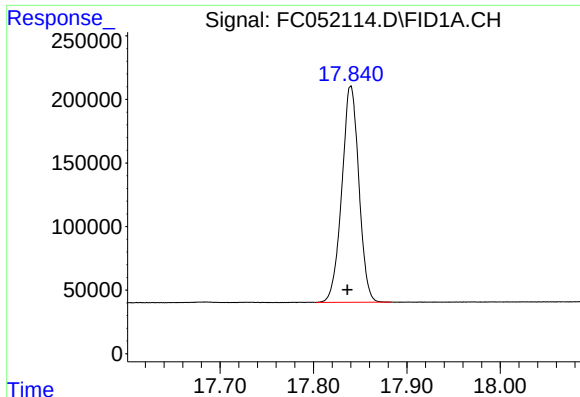
#15 n-Hexacosane (C26)

R.T.: 16.003 min
Delta R.T.: 0.003 min
Response: 2348389
Conc: 20.09 ug/ml



#16 n-Octacosane (C28)

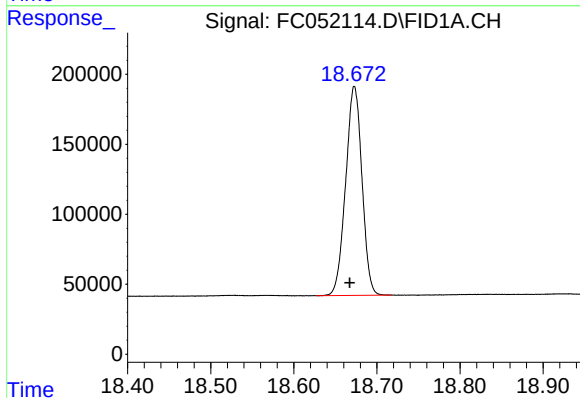
R.T.: 16.953 min
Delta R.T.: 0.004 min
Response: 2258327
Conc: 19.20 ug/ml



#17 n-Tricontane (C30)

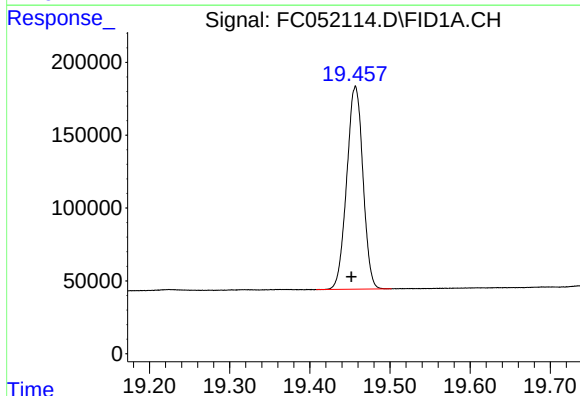
R.T.: 17.840 min
Delta R.T.: 0.004 min
Response: 2156993
Conc: 18.25 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



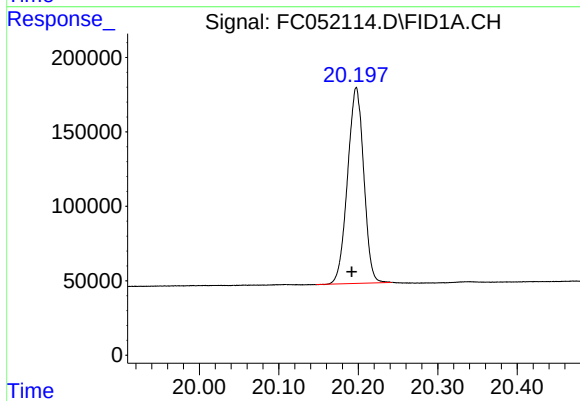
#18 n-Dotriacontane (C32)

R.T.: 18.673 min
Delta R.T.: 0.006 min
Response: 2036524
Conc: 17.37 ug/ml



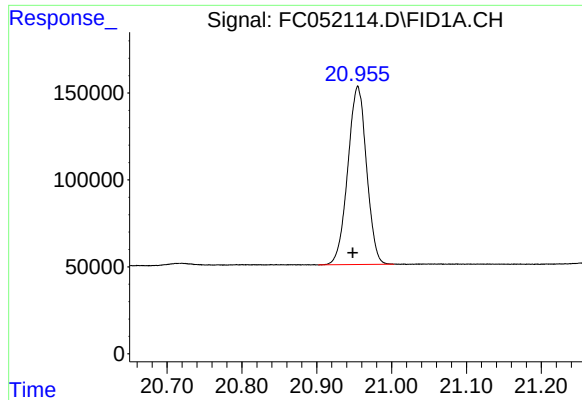
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: 0.005 min
Response: 1953956
Conc: 16.87 ug/ml



#20 n-Hexatriacontane (C36)

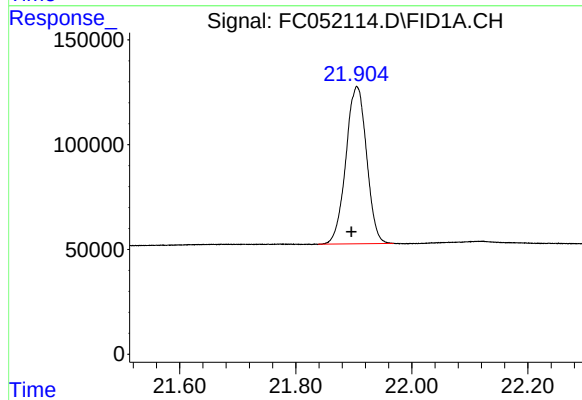
R.T.: 20.197 min
Delta R.T.: 0.006 min
Response: 1863160
Conc: 16.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.955 min
Delta R.T.: 0.007 min
Response: 1780211
Conc: 17.38 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.905 min
Delta R.T.: 0.010 min
Response: 1854716
Conc: 17.99 ug/ml