

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082820AL\
 Data File : FC049283.D
 Signal(s) : FID1A.CH
 Acq On : 28 Aug 2020 8:42
 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: Aug 31 02:25:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.676	2465813	20.753 ug/ml
Spiked Amount 50.000		Recovery =	41.51%
12) S 1-chlorooctadecane (S...	13.108	2000949	20.569 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.405	2211872	21.207 ug/ml
2) T n-Decane (C10)	4.482	2277910	21.718 ug/ml
3) T A~Naphthalene (C11.7)	6.081	2584674	21.855 ug/ml
4) T n-Dodecane (C12)	6.508	2350120	22.157 ug/ml
5) T A~2-methylnaphthalene...	7.141	2659124	22.055 ug/ml
6) T n-Tetradecane (C14)	8.306	2372424	22.529 ug/ml
7) T n-Hexadecane (C16)	9.910	2324588	22.147 ug/ml
8) T n-Octadecane (C18)	11.352	2391069	21.765 ug/ml
10) T n-Eicosane (C20)	12.662	2357028	21.181 ug/ml
11) T n-Heneicosane (C21)	13.276	2317946	20.750 ug/ml
13) T n-Docosane (C22)	13.861	2293911	20.408 ug/ml
14) T n-Tetracosane (C24)	14.964	2215804	19.490 ug/ml
15) T n-Hexacosane (C26)	15.984	2115652	18.491 ug/ml
16) T n-Octacosane (C28)	16.932	2071479	17.805 ug/ml
17) T n-Tricontane (C30)	17.819	2013579	17.419 ug/ml
18) T n-Dotriacontane (C32)	18.649	1866388	17.261 ug/ml
19) T n-Tetratriacontane (C34)	19.430	1766080	17.028 ug/ml
20) T n-Hexatriacontane (C36)	20.168	1693613	17.033 ug/ml
21) T n-Octatriacontane (C38)	20.922	1637693	17.319 ug/ml
22) T n-Tetracontane (C40)	21.873	1681715	17.616 ug/ml

(f)=RT Delta > 1/2 Window

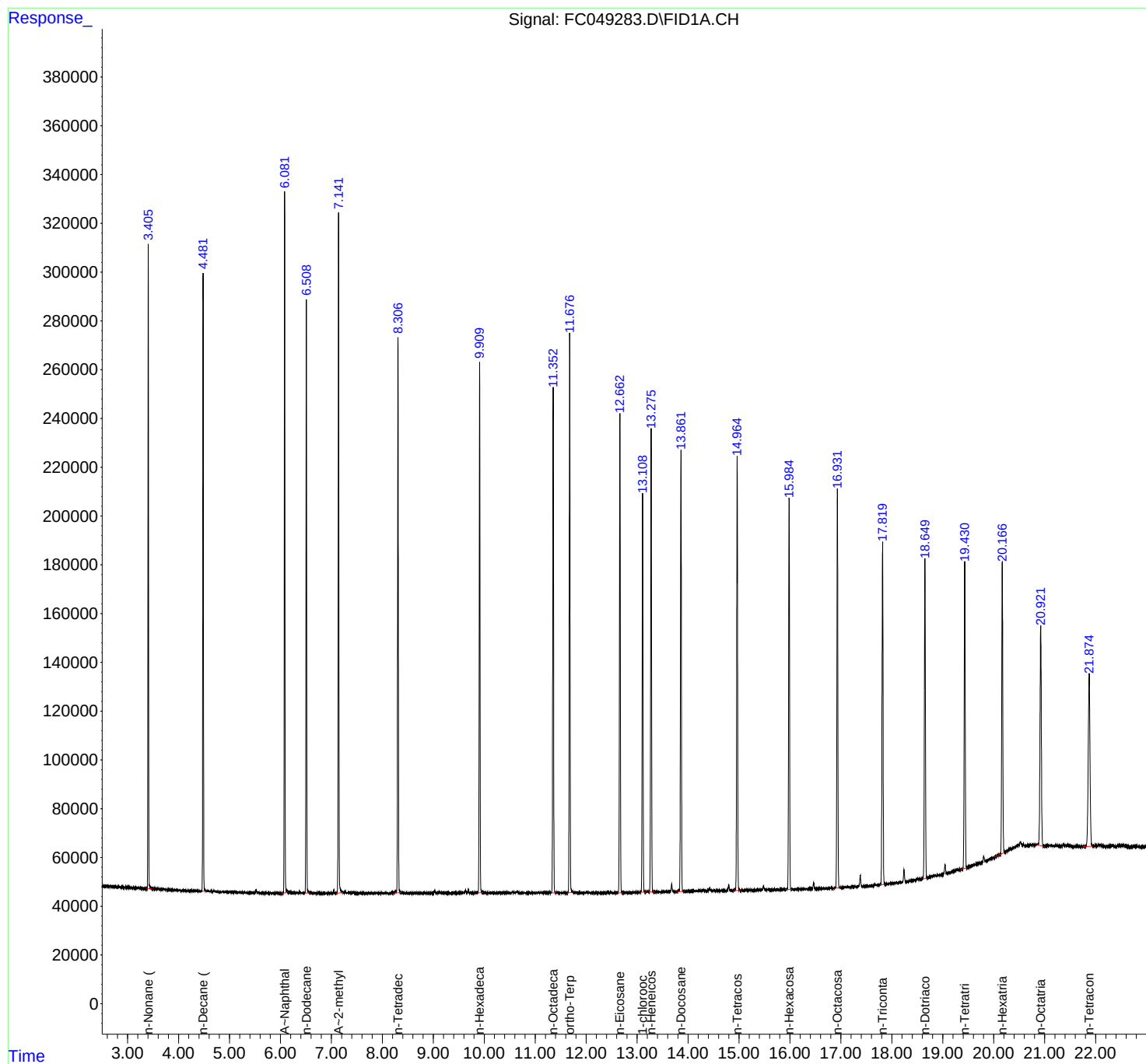
(m)=manual int.

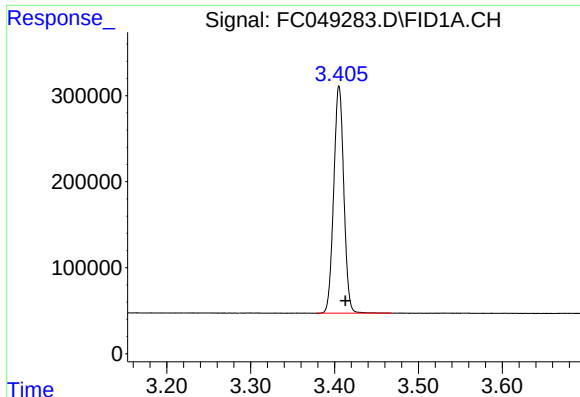
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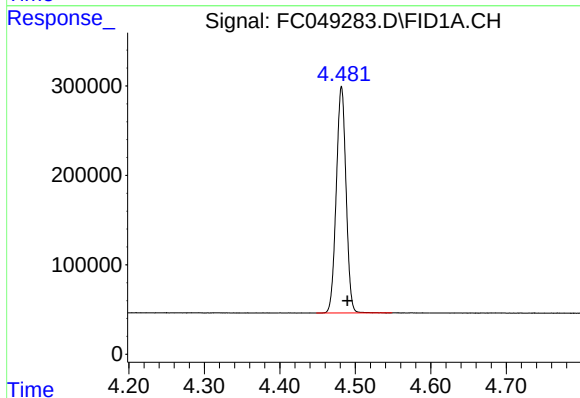




#1 n-Nonane (C9)

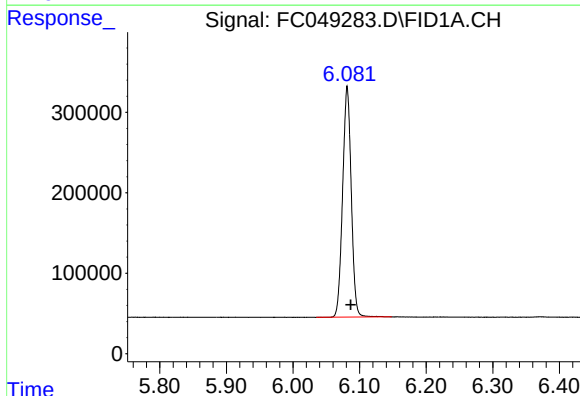
R.T.: 3.405 min
Delta R.T.: -0.008 min
Response: 2211872
Conc: 21.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



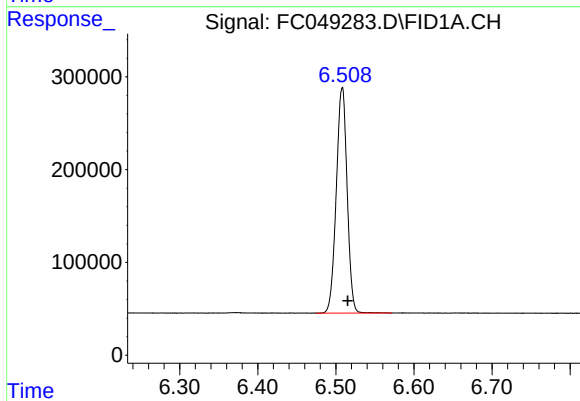
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: -0.008 min
Response: 2277910
Conc: 21.72 ug/ml



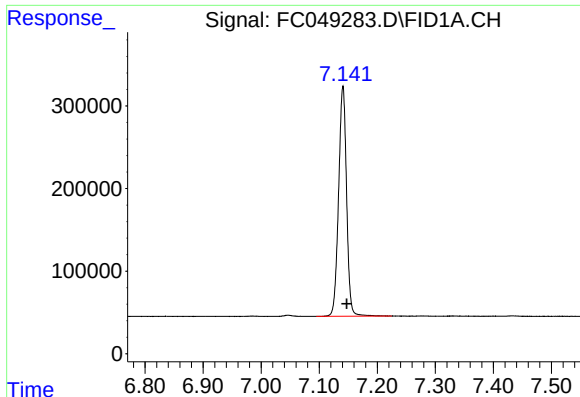
#3 A~Naphthalene (C11.7)

R.T.: 6.081 min
Delta R.T.: -0.005 min
Response: 2584674
Conc: 21.85 ug/ml



#4 n-Dodecane (C12)

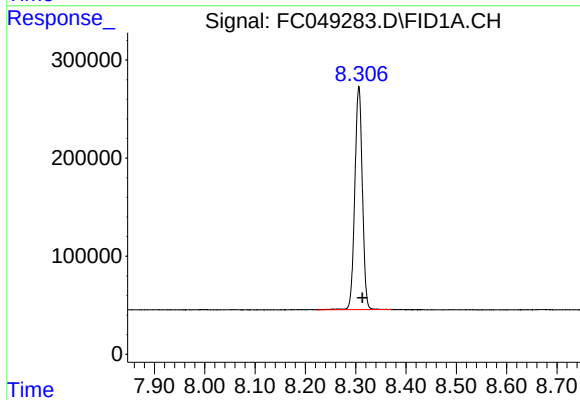
R.T.: 6.508 min
Delta R.T.: -0.007 min
Response: 2350120
Conc: 22.16 ug/ml



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

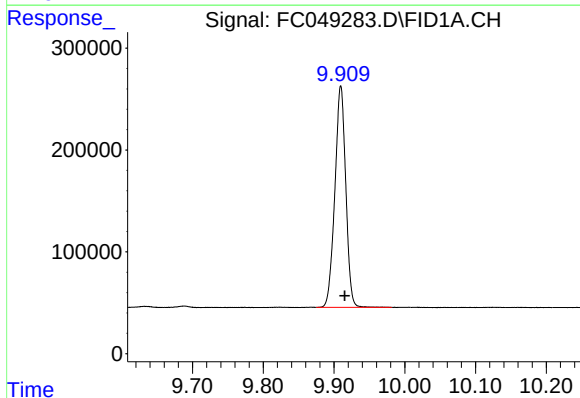
R.T.: 7.141 min
Delta R.T.: -0.006 min
Response: 2659124
Conc: 22.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



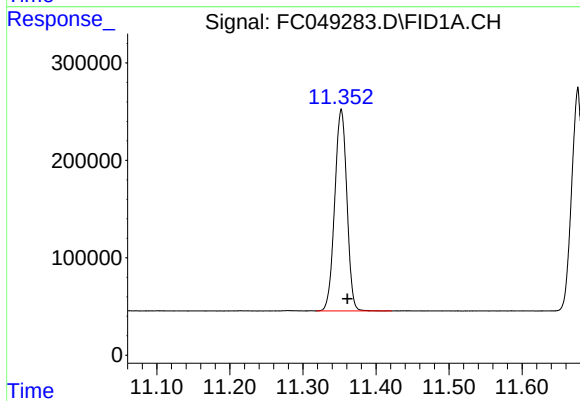
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: -0.007 min
Response: 2372424
Conc: 22.53 ug/ml



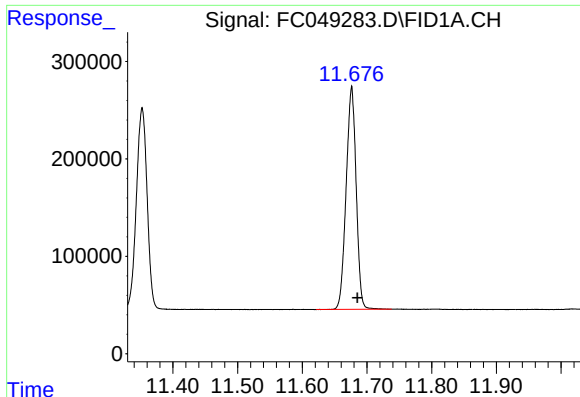
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: -0.006 min
Response: 2324588
Conc: 22.15 ug/ml



#8 n-Octadecane (C18)

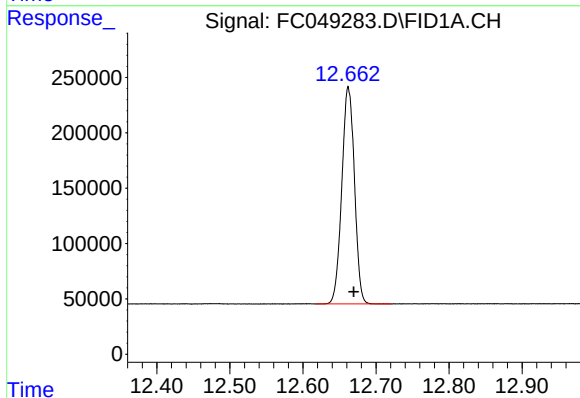
R.T.: 11.352 min
Delta R.T.: -0.009 min
Response: 2391069
Conc: 21.76 ug/ml



#9 ortho-Terphenyl (SURR)

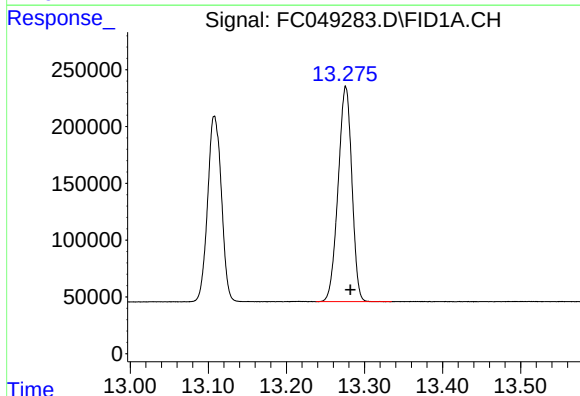
R.T.: 11.676 min
Delta R.T.: -0.009 min
Response: 2465813
Conc: 20.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



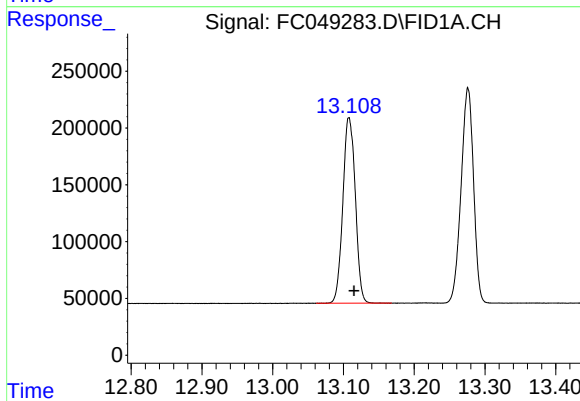
#10 n-Eicosane (C20)

R.T.: 12.662 min
Delta R.T.: -0.008 min
Response: 2357028
Conc: 21.18 ug/ml



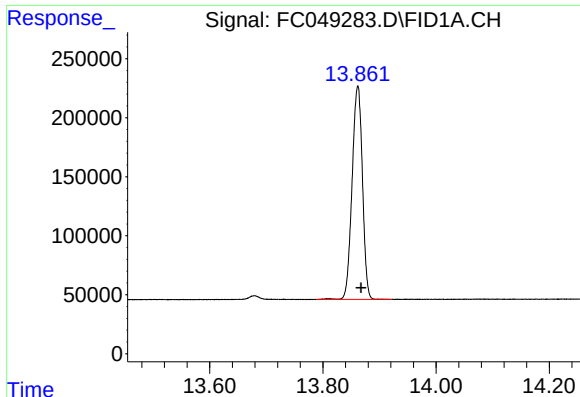
#11 n-Heneicosane (C21)

R.T.: 13.276 min
Delta R.T.: -0.006 min
Response: 2317946
Conc: 20.75 ug/ml



#12 1-chlorooctadecane (SURR)

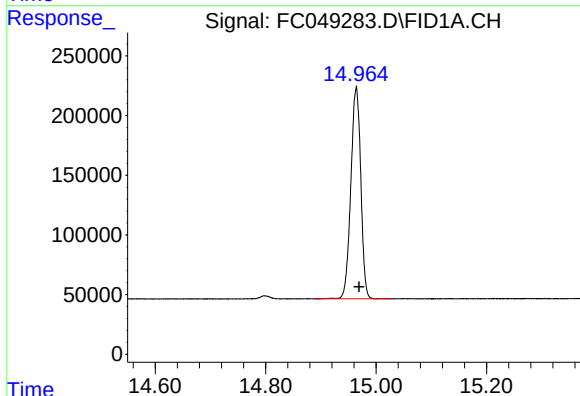
R.T.: 13.108 min
Delta R.T.: -0.007 min
Response: 2000949
Conc: 20.57 ug/ml



#13 n-Docosane (C22)

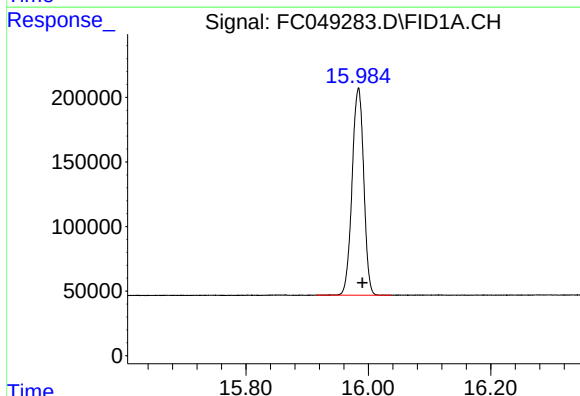
R.T.: 13.861 min
Delta R.T.: -0.006 min
Response: 2293911
Conc: 20.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



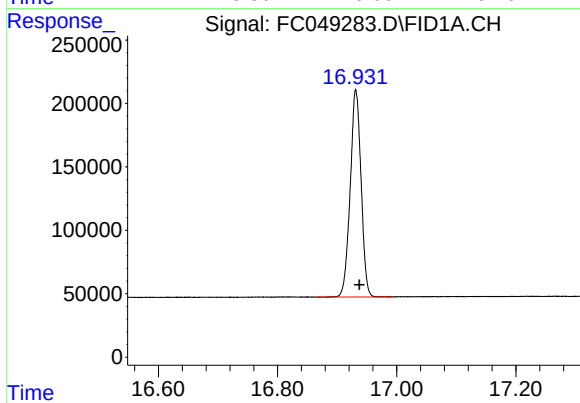
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: -0.005 min
Response: 2215804
Conc: 19.49 ug/ml



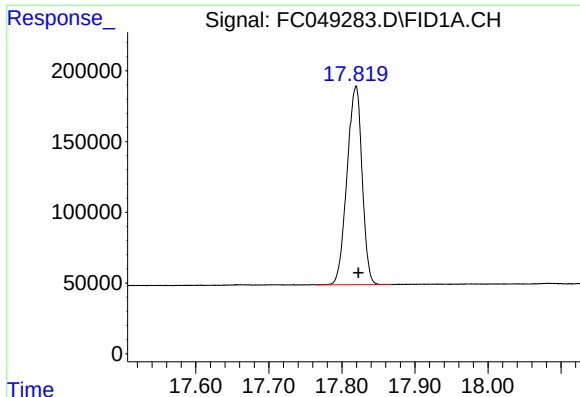
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: -0.007 min
Response: 2115652
Conc: 18.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.932 min
Delta R.T.: -0.006 min
Response: 2071479
Conc: 17.81 ug/ml



#17 n-Tricontane (C30)

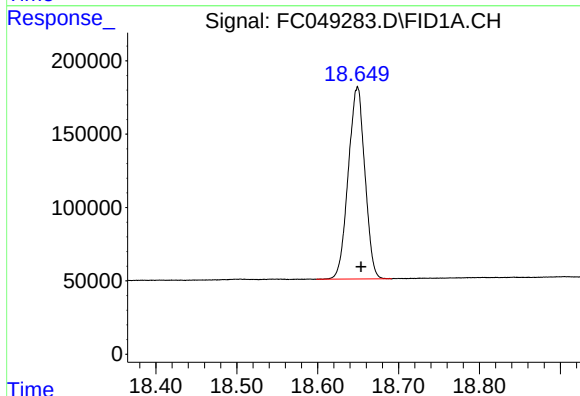
R.T.: 17.819 min

Delta R.T.: -0.004 min

Response: 2013579

Conc: 17.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



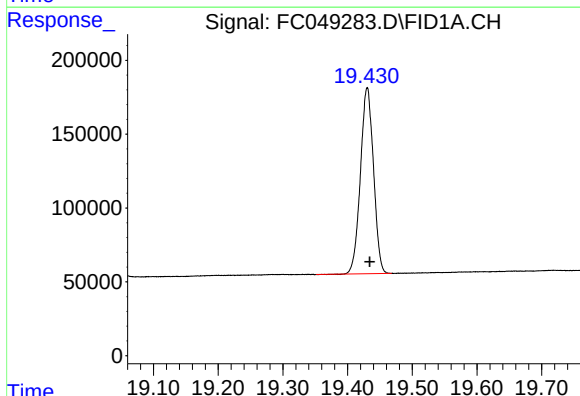
#18 n-Dotriacontane (C32)

R.T.: 18.649 min

Delta R.T.: -0.005 min

Response: 1866388

Conc: 17.26 ug/ml



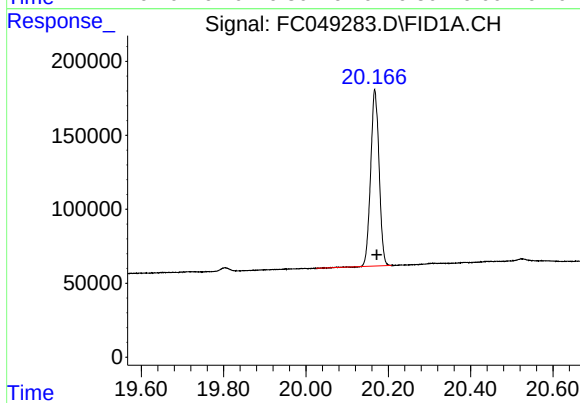
#19 n-Tetratriacontane (C34)

R.T.: 19.430 min

Delta R.T.: -0.004 min

Response: 1766080

Conc: 17.03 ug/ml



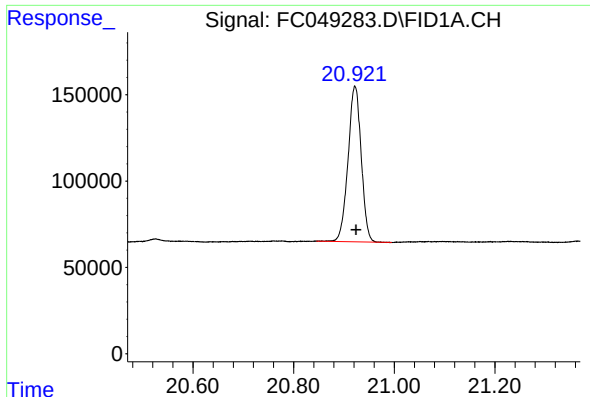
#20 n-Hexatriacontane (C36)

R.T.: 20.168 min

Delta R.T.: -0.004 min

Response: 1693613

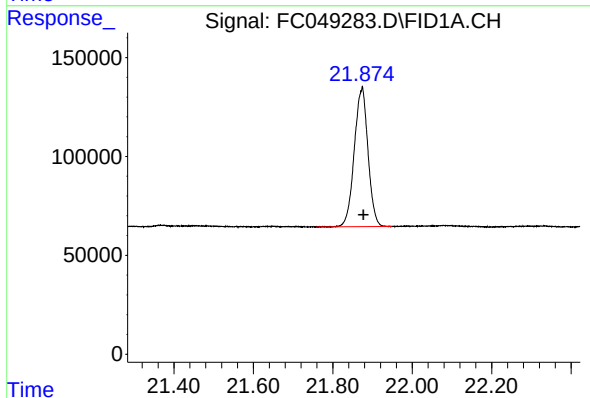
Conc: 17.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.922 min
Delta R.T.: -0.002 min
Response: 1637693
Conc: 17.32 ug/ml

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ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.873 min
Delta R.T.: -0.004 min
Response: 1681715
Conc: 17.62 ug/ml