

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071421AL\
 Data File : FD038193.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jul 2021 18:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 15 04:42:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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)	11.413	2776869	19.210 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
12) S 1-chlorooctadecane (S...	12.848	2118141	18.579 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
Target Compounds			
1) T n-Nonane (C9)	3.232	2557136	21.044 ug/ml
2) T n-Decane (C10)	4.287	2587472	21.155 ug/ml
3) T A~Naphthalene (C11.7)	5.854	2828542	20.691 ug/ml
4) T n-Dodecane (C12)	6.291	2632917	21.139 ug/ml
5) T A~2-methylnaphthalene...	6.905	2809344	20.396 ug/ml
6) T n-Tetradecane (C14)	8.077	2683086	20.875 ug/ml
7) T n-Hexadecane (C16)	9.669	2651380	20.460 ug/ml
8) T n-Octadecane (C18)	11.104	2676516	19.874 ug/ml
10) T n-Eicosane (C20)	12.407	2597647	19.340 ug/ml
11) T n-Heneicosane (C21)	13.015	2572729	18.937 ug/ml
13) T n-Docosane (C22)	13.598	2543758	18.906 ug/ml
14) T n-Tetracosane (C24)	14.695	2532523	18.755 ug/ml
15) T n-Hexacosane (C26)	15.711	2404294	18.248 ug/ml
16) T n-Octacosane (C28)	16.655	2325927	17.838 ug/ml
17) T n-Tricontane (C30)	17.537	2247848	17.590 ug/ml
18) T n-Dotriacontane (C32)	18.366	2141841	17.407 ug/ml
19) T n-Tetratriacontane (C34)	19.145	2048657	17.494 ug/ml
20) T n-Hexatriacontane (C36)	19.881	1963872	17.983 ug/ml
21) T n-Octatriacontane (C38)	20.586	1872009	18.587 ug/ml
22) T n-Tetracontane (C40)	21.410	1900501	19.432 ug/ml

(f)=RT Delta > 1/2 Window

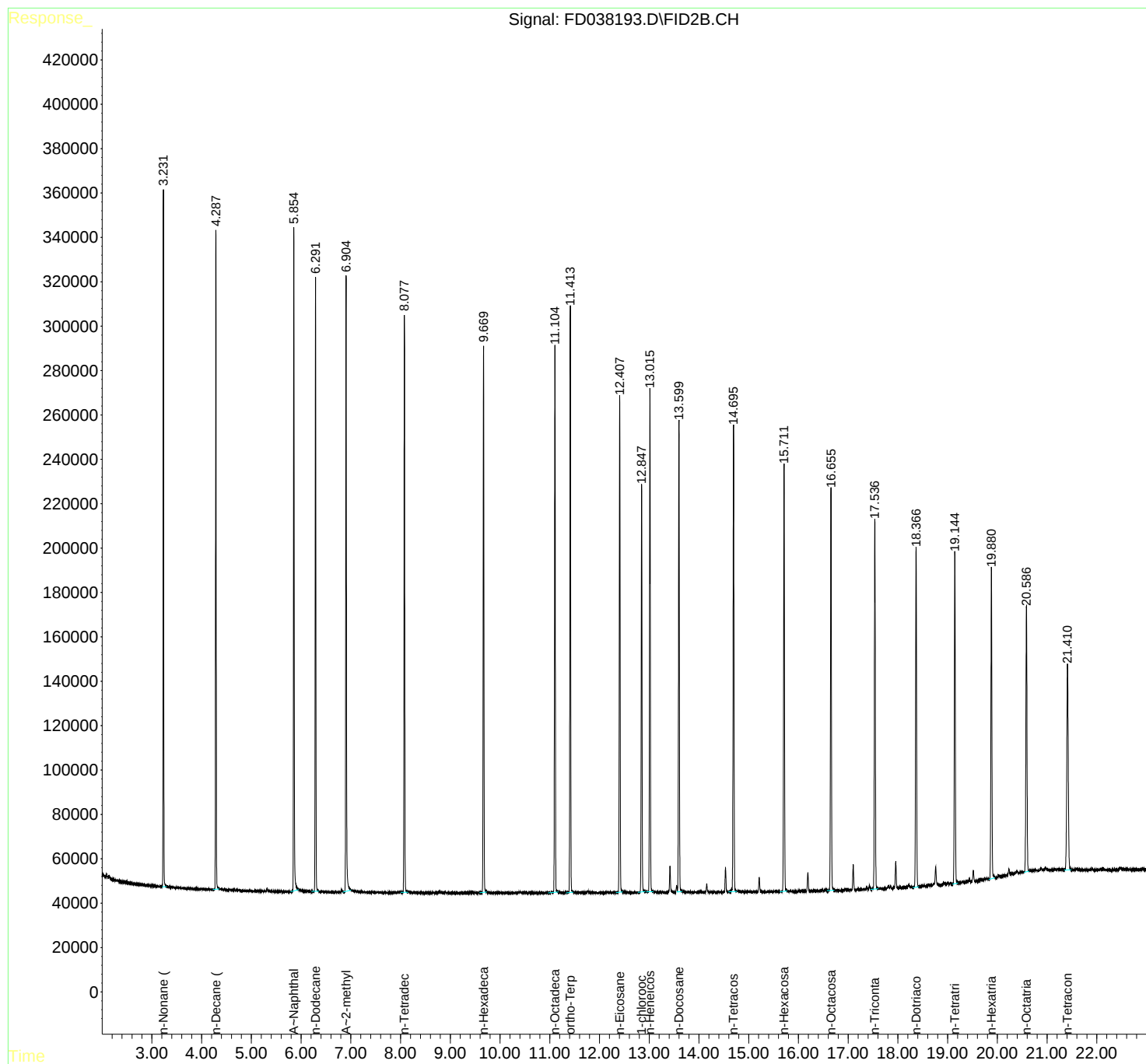
(m)=manual int.

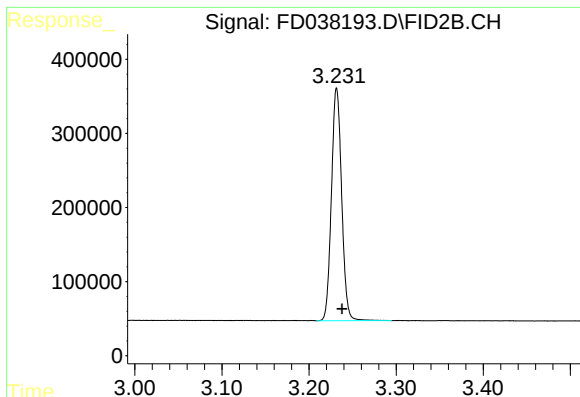
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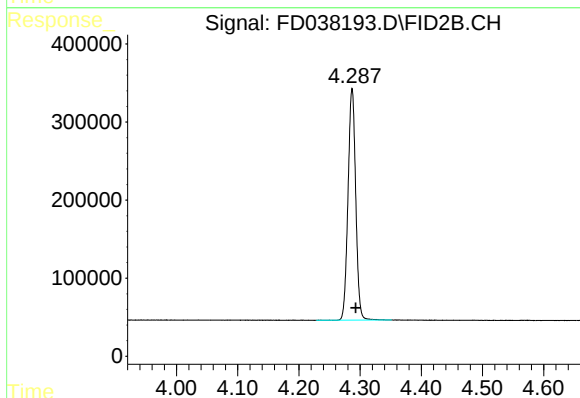




#1 n-Nonane (C9)

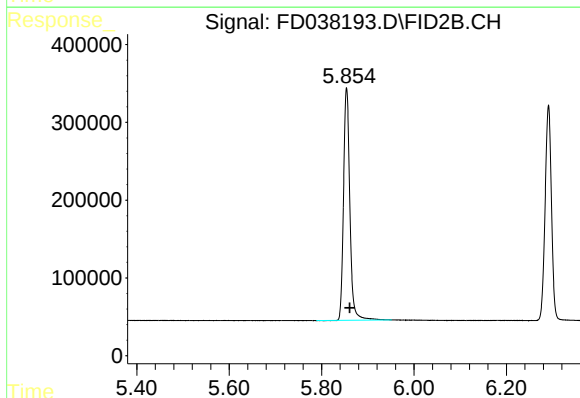
R.T.: 3.232 min
Delta R.T.: -0.006 min
Response: 2557136
Conc: 21.04 ug/ml

Instrument :
FID_D
ClientSampleId :



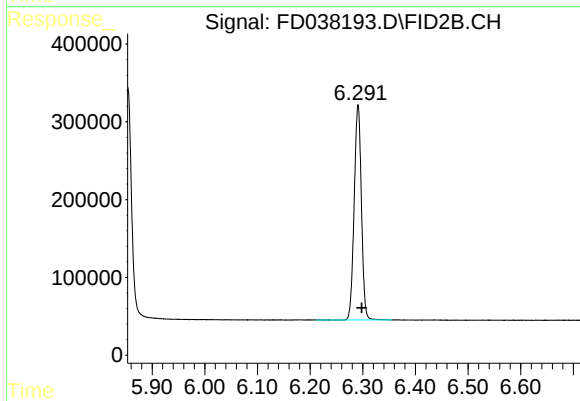
#2 n-Decane (C10)

R.T.: 4.287 min
Delta R.T.: -0.006 min
Response: 2587472
Conc: 21.15 ug/ml



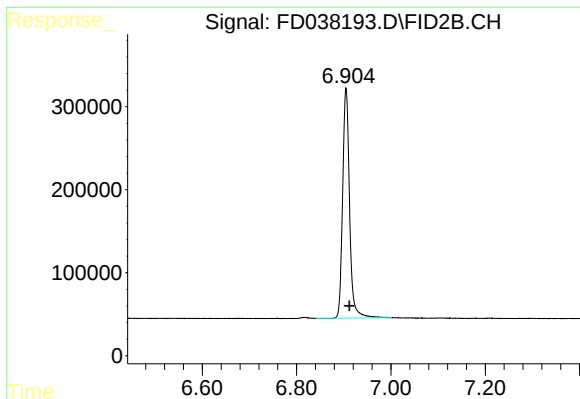
#3 A~Naphthalene (C11.7)

R.T.: 5.854 min
Delta R.T.: -0.007 min
Response: 2828542
Conc: 20.69 ug/ml



#4 n-Dodecane (C12)

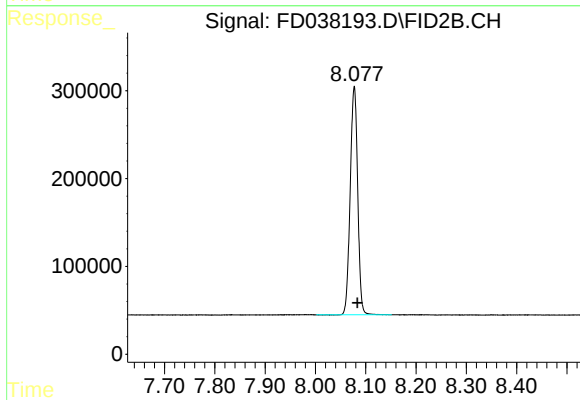
R.T.: 6.291 min
Delta R.T.: -0.007 min
Response: 2632917
Conc: 21.14 ug/ml



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

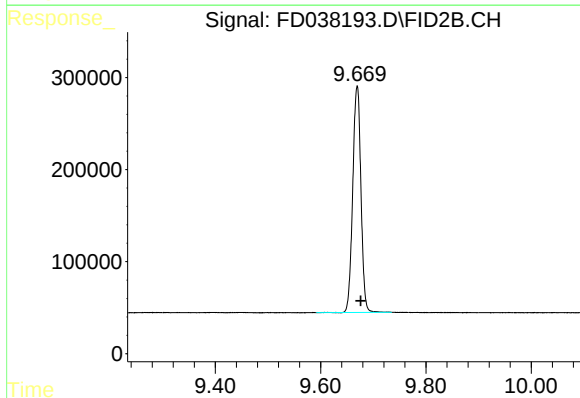
R.T.: 6.905 min
Delta R.T.: -0.007 min
Response: 2809344
Conc: 20.40 ug/ml

Instrument :
FID_D
ClientSampleId :



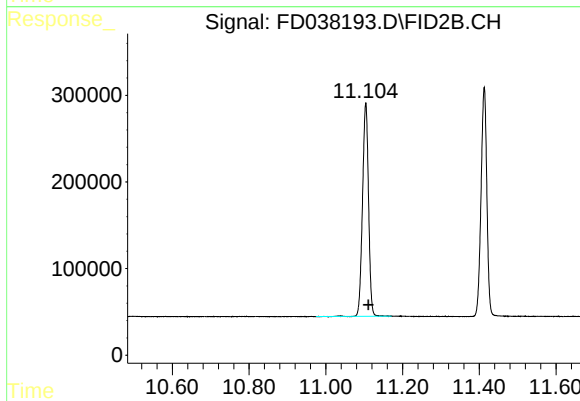
#6 n-Tetradecane (C14)

R.T.: 8.077 min
Delta R.T.: -0.007 min
Response: 2683086
Conc: 20.88 ug/ml



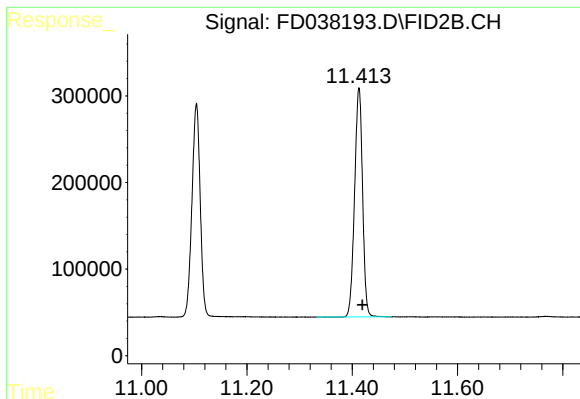
#7 n-Hexadecane (C16)

R.T.: 9.669 min
Delta R.T.: -0.007 min
Response: 2651380
Conc: 20.46 ug/ml



#8 n-Octadecane (C18)

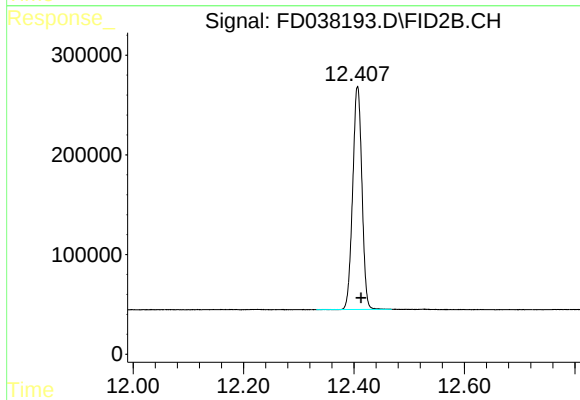
R.T.: 11.104 min
Delta R.T.: -0.007 min
Response: 2676516
Conc: 19.87 ug/ml



#9 ortho-Terphenyl (SURR)

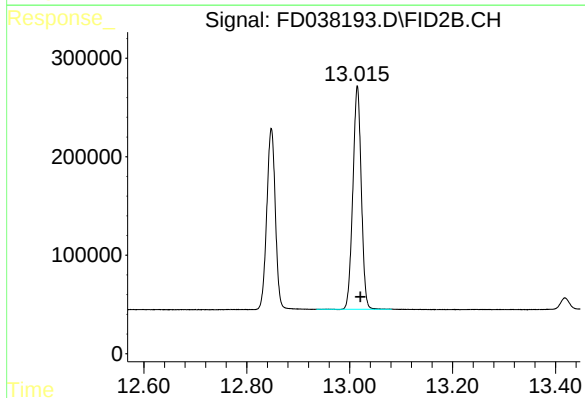
R.T.: 11.413 min
Delta R.T.: -0.007 min
Response: 2776869
Conc: 19.21 ug/ml

Instrument :
FID_D
ClientSampleId :



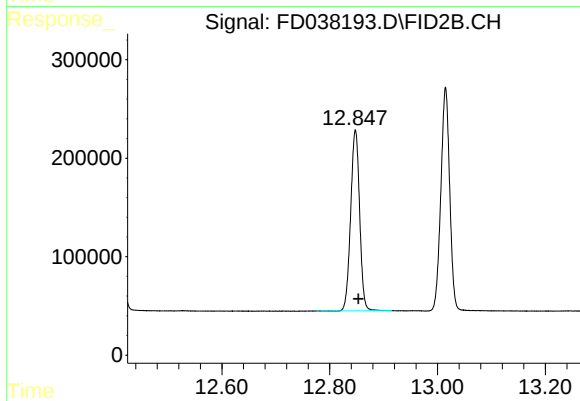
#10 n-Eicosane (C20)

R.T.: 12.407 min
Delta R.T.: -0.006 min
Response: 2597647
Conc: 19.34 ug/ml



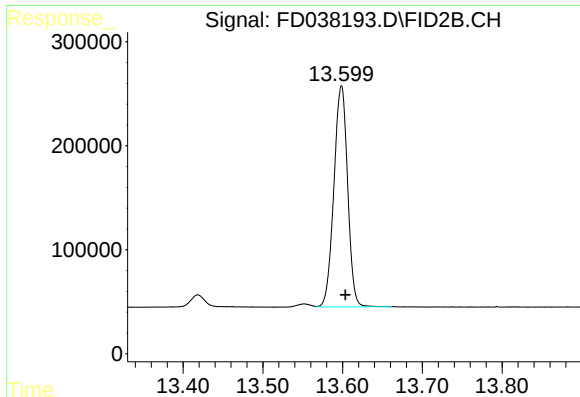
#11 n-Heneicosane (C21)

R.T.: 13.015 min
Delta R.T.: -0.006 min
Response: 2572729
Conc: 18.94 ug/ml



#12 1-chlorooctadecane (SURR)

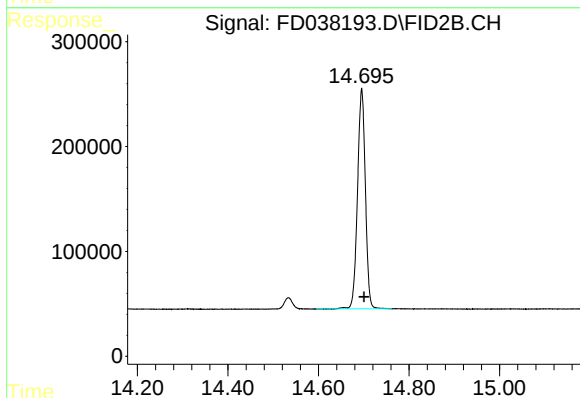
R.T.: 12.848 min
Delta R.T.: -0.006 min
Response: 2118141
Conc: 18.58 ug/ml



#13 n-Docosane (C22)

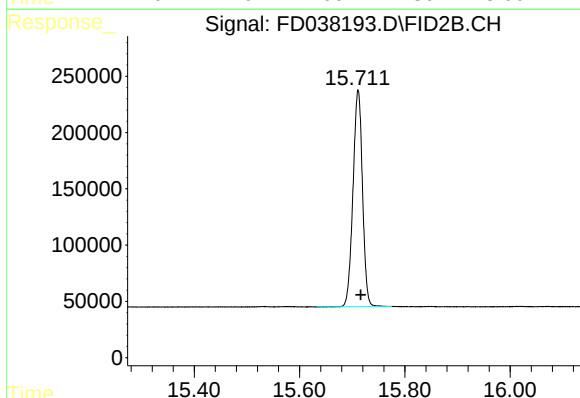
R.T.: 13.598 min
Delta R.T.: -0.005 min
Response: 2543758
Conc: 18.91 ug/ml

Instrument :
FID_D
ClientSampleId :



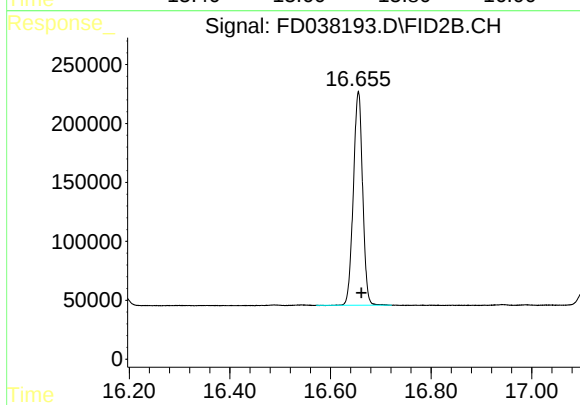
#14 n-Tetracosane (C24)

R.T.: 14.695 min
Delta R.T.: -0.006 min
Response: 2532523
Conc: 18.76 ug/ml



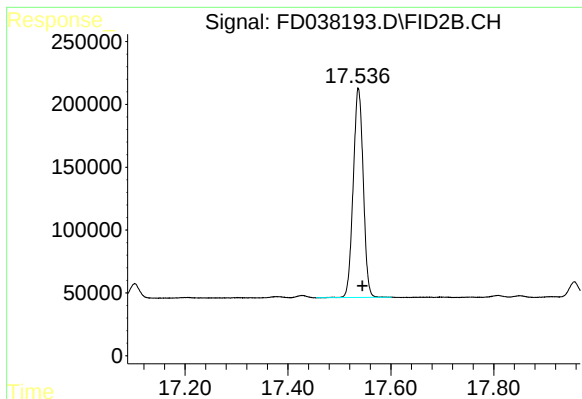
#15 n-Hexacosane (C26)

R.T.: 15.711 min
Delta R.T.: -0.005 min
Response: 2404294
Conc: 18.25 ug/ml



#16 n-Octacosane (C28)

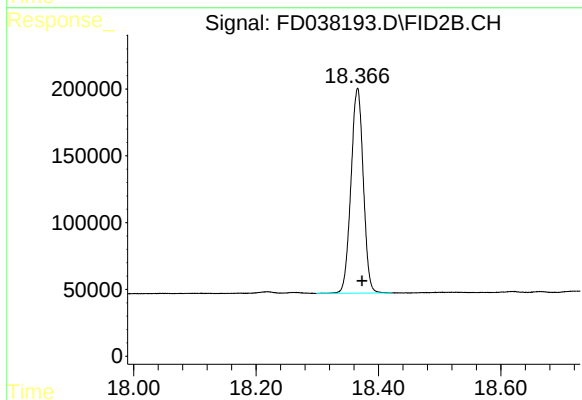
R.T.: 16.655 min
Delta R.T.: -0.006 min
Response: 2325927
Conc: 17.84 ug/ml



#17 n-Tricontane (C30)

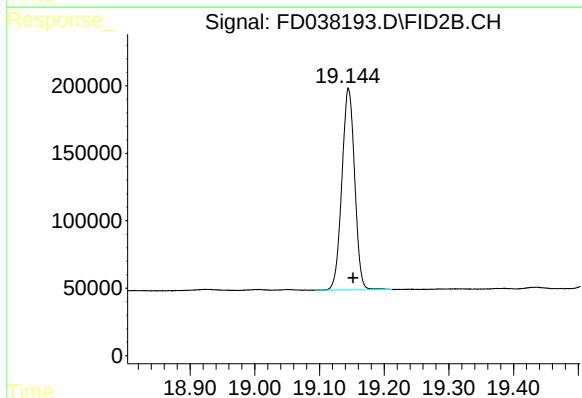
R.T.: 17.537 min
Delta R.T.: -0.008 min
Response: 2247848
Conc: 17.59 ug/ml

Instrument :
FID_D
ClientSampleId :



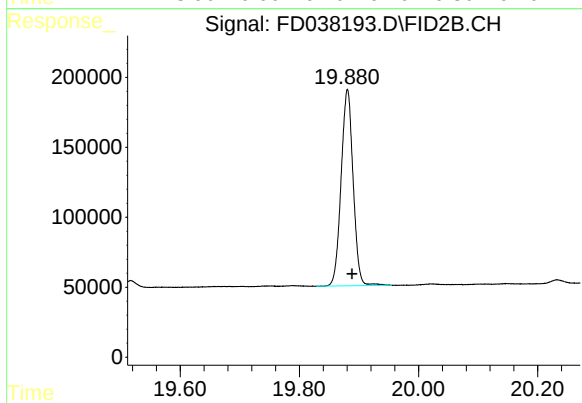
#18 n-Dotriacontane (C32)

R.T.: 18.366 min
Delta R.T.: -0.008 min
Response: 2141841
Conc: 17.41 ug/ml



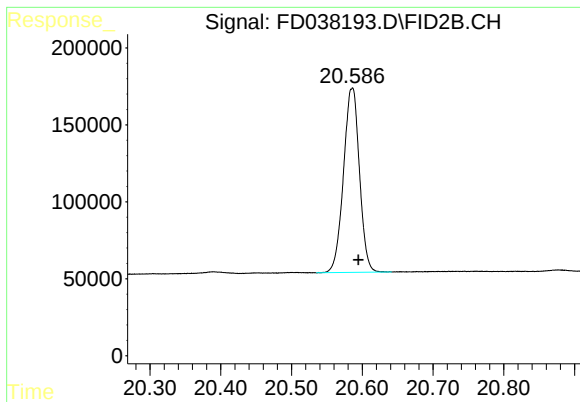
#19 n-Tetratriacontane (C34)

R.T.: 19.145 min
Delta R.T.: -0.007 min
Response: 2048657
Conc: 17.49 ug/ml



#20 n-Hexatriacontane (C36)

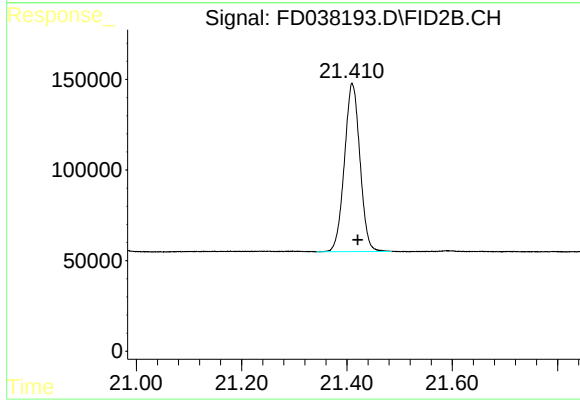
R.T.: 19.881 min
Delta R.T.: -0.008 min
Response: 1963872
Conc: 17.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.586 min
Delta R.T.: -0.009 min
Response: 1872009
Conc: 18.59 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.410 min
Delta R.T.: -0.010 min
Response: 1900501
Conc: 19.43 ug/ml