

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040221AL\
 Data File : FD036695.D
 Signal(s) : FID2B.CH
 Acq On : 02 Apr 2021 14:00
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 02 23:19:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 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)	11.486	2919683	19.705 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
12) S 1-chlorooctadecane (S...	12.919	2224140	19.111 ug/ml
Spiked Amount 50.000		Recovery =	38.22%
Target Compounds			
1) T n-Nonane (C9)	3.290	2633968	20.721 ug/ml
2) T n-Decane (C10)	4.351	2708619	21.021 ug/ml
3) T A~Naphthalene (C11.7)	5.924	3039366	20.817 ug/ml
4) T n-Dodecane (C12)	6.360	2796404	21.095 ug/ml
5) T A~2-methylnaphthalene...	6.975	3101351	20.714 ug/ml
6) T n-Tetradecane (C14)	8.147	2799784	20.599 ug/ml
7) T n-Hexadecane (C16)	9.739	2730607	20.504 ug/ml
8) T n-Octadecane (C18)	11.175	2779093	20.063 ug/ml
10) T n-Eicosane (C20)	12.477	2702102	19.547 ug/ml
11) T n-Heneicosane (C21)	13.087	2635600	19.144 ug/ml
13) T n-Docosane (C22)	13.670	2592508	19.059 ug/ml
14) T n-Tetracosane (C24)	14.766	2500727	18.862 ug/ml
15) T n-Hexacosane (C26)	15.782	2344150	18.514 ug/ml
16) T n-Octacosane (C28)	16.725	2242846	18.597 ug/ml
17) T n-Tricontane (C30)	17.607	2173975	18.925 ug/ml
18) T n-Dotriacontane (C32)	18.434	2094201	19.040 ug/ml
19) T n-Tetratriacontane (C34)	19.213	2039536	19.858 ug/ml
20) T n-Hexatriacontane (C36)	19.948	1974918	20.213 ug/ml
21) T n-Octatriacontane (C38)	20.657	1911304	20.673 ug/ml
22) T n-Tetracontane (C40)	21.507	1985972	19.690 ug/ml

(f)=RT Delta > 1/2 Window

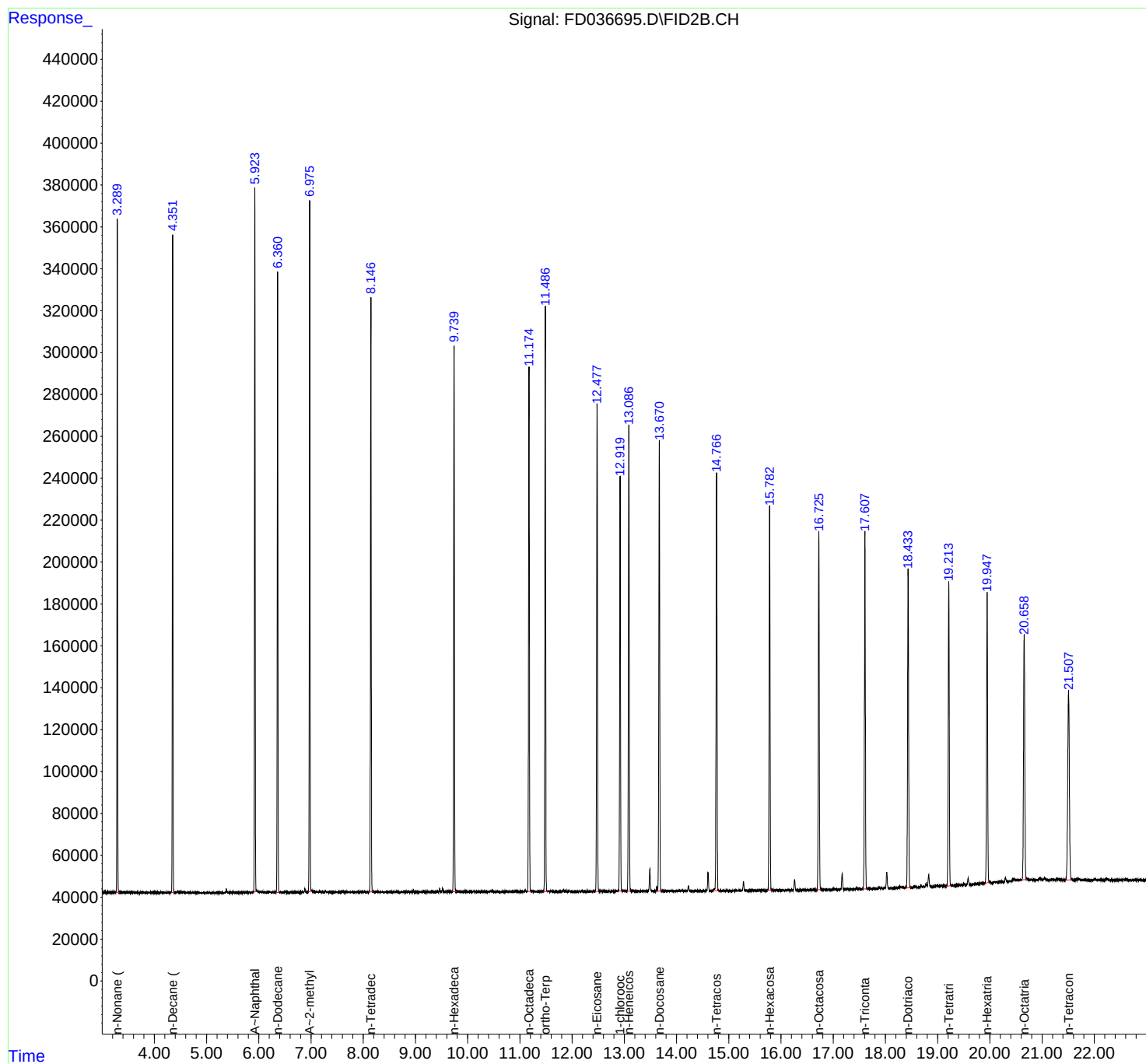
(m)=manual int.

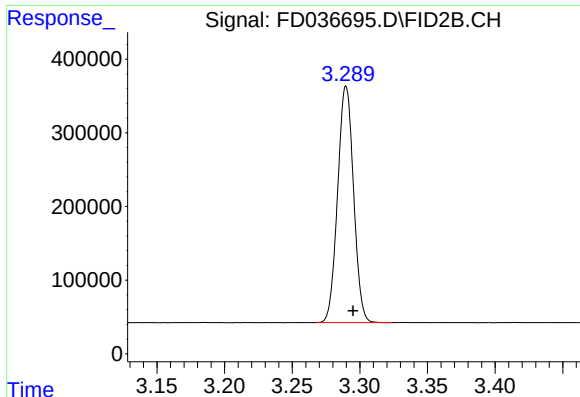
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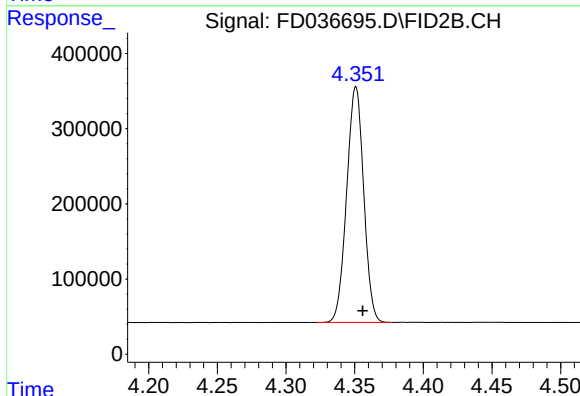




#1 n-Nonane (C9)

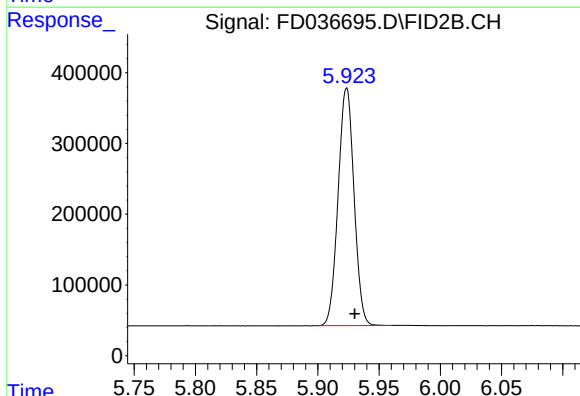
R.T.: 3.290 min
Delta R.T.: -0.005 min
Response: 2633968
Conc: 20.72 ug/ml

Instrument :
FID_D
ClientSampleId :



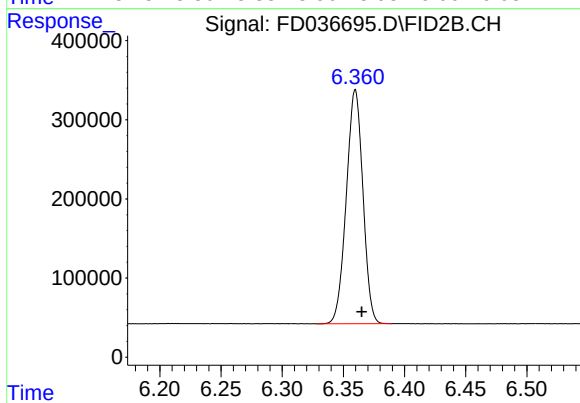
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: -0.005 min
Response: 2708619
Conc: 21.02 ug/ml



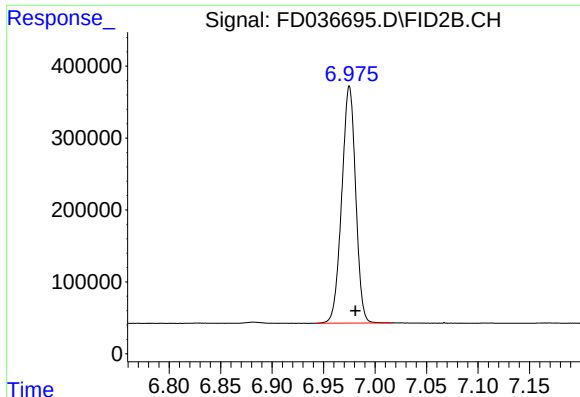
#3 A~Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: -0.007 min
Response: 3039366
Conc: 20.82 ug/ml



#4 n-Dodecane (C12)

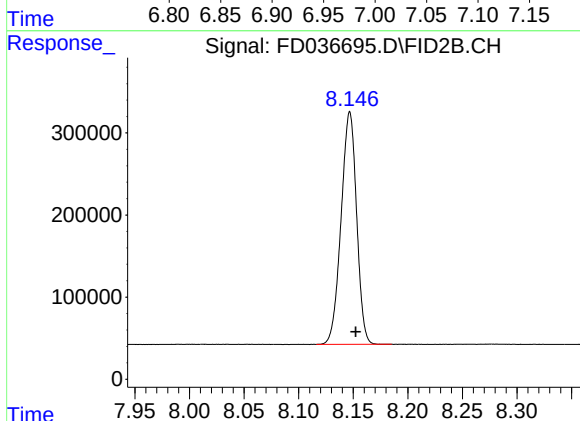
R.T.: 6.360 min
Delta R.T.: -0.005 min
Response: 2796404
Conc: 21.10 ug/ml



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

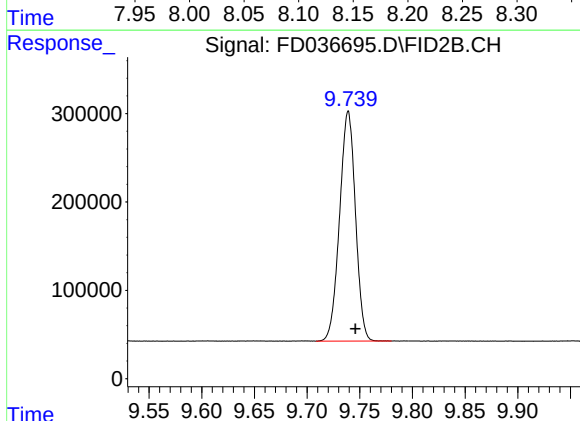
R.T.: 6.975 min
Delta R.T.: -0.006 min
Response: 3101351
Conc: 20.71 ug/ml

Instrument :
FID_D
ClientSampleId :



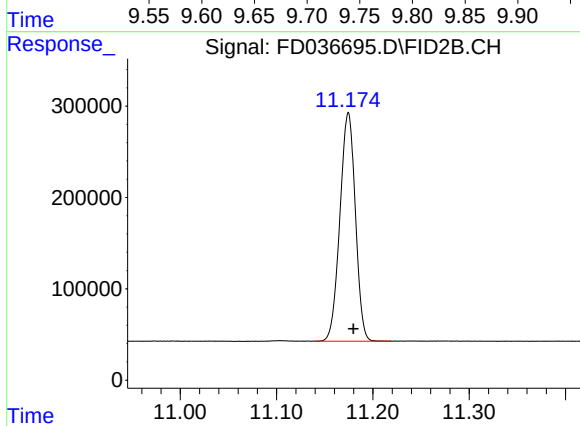
#6 n-Tetradecane (C14)

R.T.: 8.147 min
Delta R.T.: -0.005 min
Response: 2799784
Conc: 20.60 ug/ml



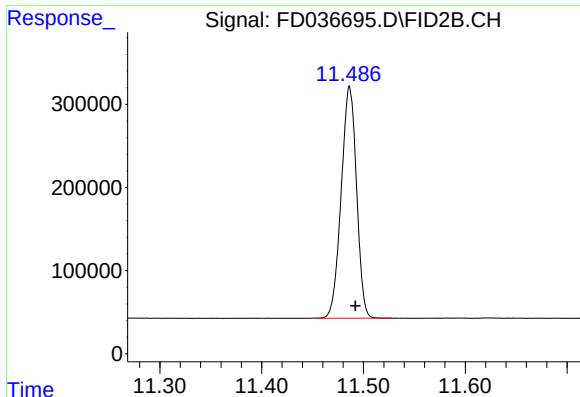
#7 n-Hexadecane (C16)

R.T.: 9.739 min
Delta R.T.: -0.007 min
Response: 2730607
Conc: 20.50 ug/ml



#8 n-Octadecane (C18)

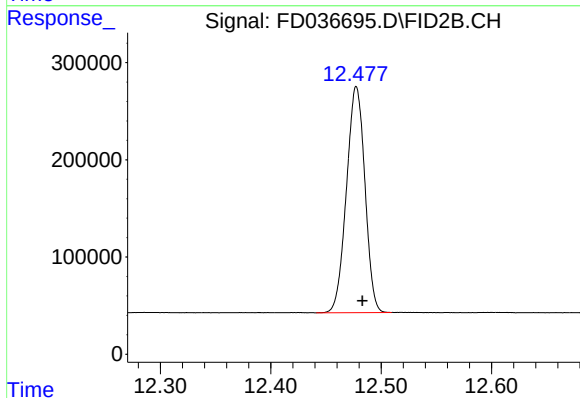
R.T.: 11.175 min
Delta R.T.: -0.005 min
Response: 2779093
Conc: 20.06 ug/ml



#9 ortho-Terphenyl (SURR)

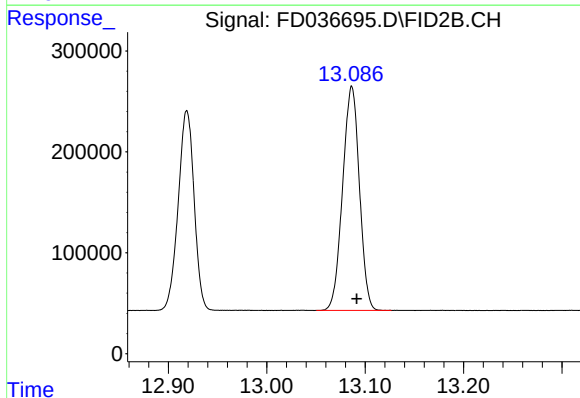
R.T.: 11.486 min
Delta R.T.: -0.006 min
Response: 2919683
Conc: 19.70 ug/ml

Instrument :
FID_D
ClientSampleId :



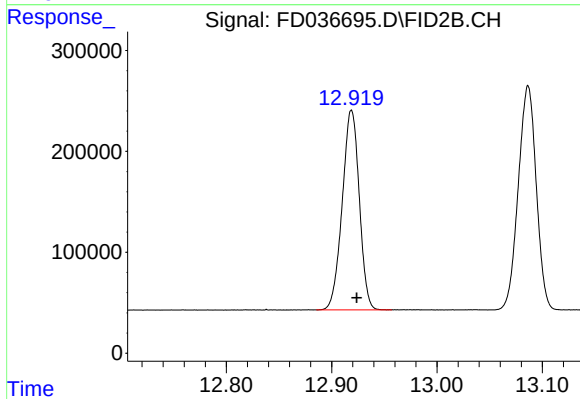
#10 n-Eicosane (C20)

R.T.: 12.477 min
Delta R.T.: -0.006 min
Response: 2702102
Conc: 19.55 ug/ml



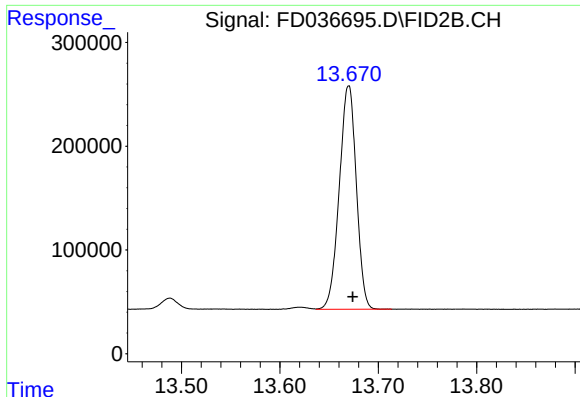
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: -0.005 min
Response: 2635600
Conc: 19.14 ug/ml



#12 1-chlorooctadecane (SURR)

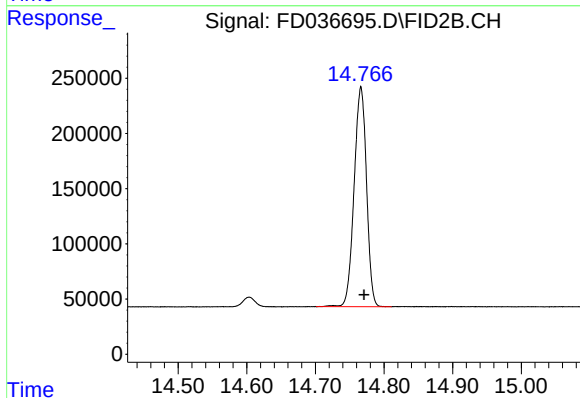
R.T.: 12.919 min
Delta R.T.: -0.005 min
Response: 2224140
Conc: 19.11 ug/ml



#13 n-Docosane (C22)

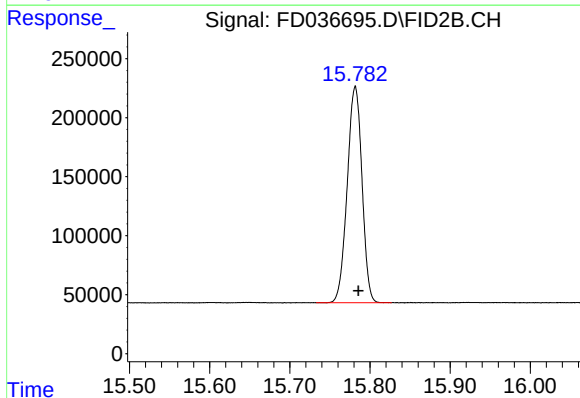
R.T.: 13.670 min
Delta R.T.: -0.004 min
Response: 2592508
Conc: 19.06 ug/ml

Instrument :
FID_D
ClientSampleId :



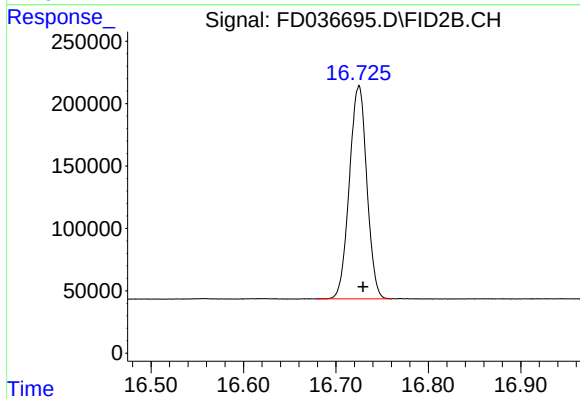
#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: -0.004 min
Response: 2500727
Conc: 18.86 ug/ml



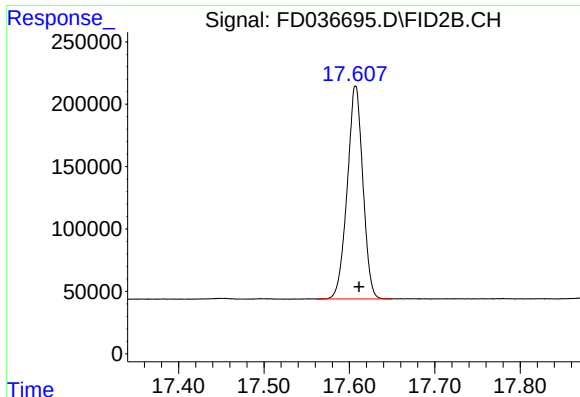
#15 n-Hexacosane (C26)

R.T.: 15.782 min
Delta R.T.: -0.004 min
Response: 2344150
Conc: 18.51 ug/ml



#16 n-Octacosane (C28)

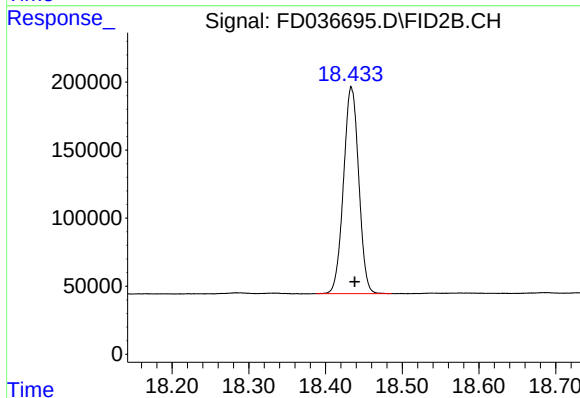
R.T.: 16.725 min
Delta R.T.: -0.004 min
Response: 2242846
Conc: 18.60 ug/ml



#17 n-Tricontane (C30)

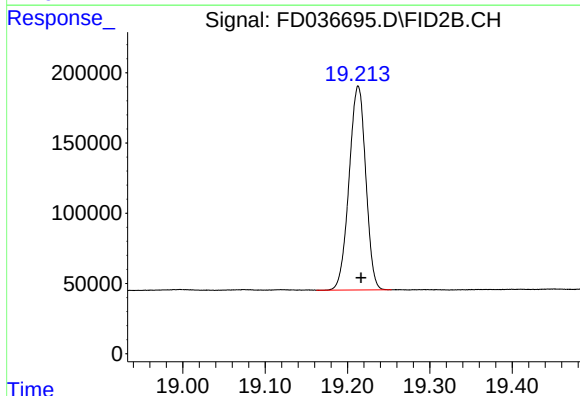
R.T.: 17.607 min
Delta R.T.: -0.004 min
Response: 2173975
Conc: 18.92 ug/ml

Instrument :
FID_D
ClientSampleId :



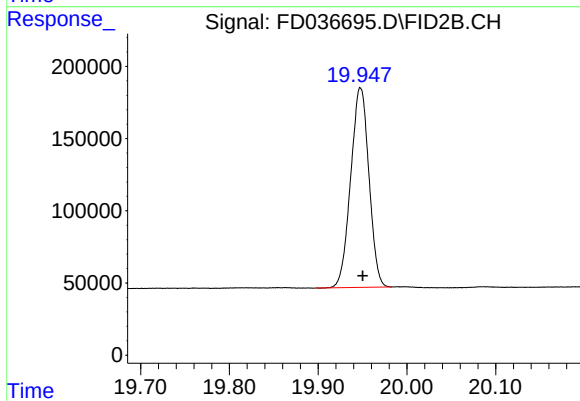
#18 n-Dotriacontane (C32)

R.T.: 18.434 min
Delta R.T.: -0.004 min
Response: 2094201
Conc: 19.04 ug/ml



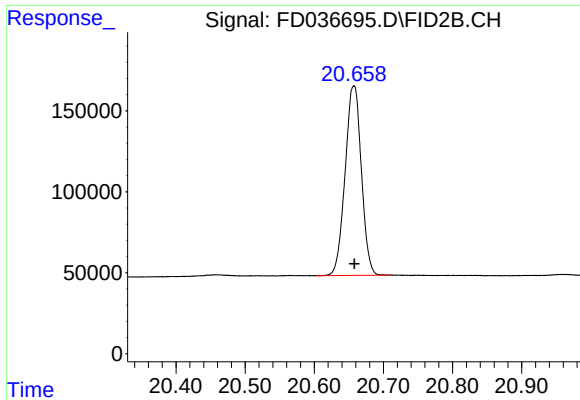
#19 n-Tetratriacontane (C34)

R.T.: 19.213 min
Delta R.T.: -0.003 min
Response: 2039536
Conc: 19.86 ug/ml



#20 n-Hexatriacontane (C36)

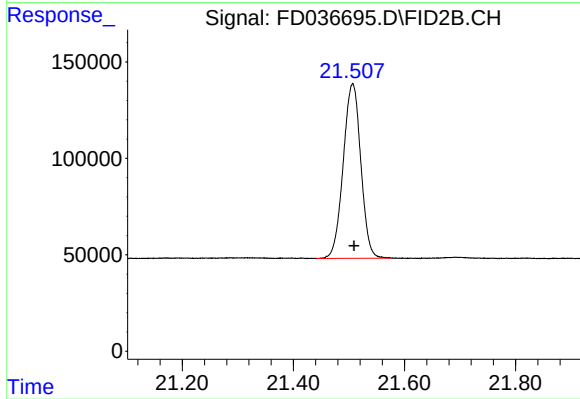
R.T.: 19.948 min
Delta R.T.: -0.003 min
Response: 1974918
Conc: 20.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.657 min
Delta R.T.: 0.000 min
Response: 1911304
Conc: 20.67 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.507 min
Delta R.T.: -0.002 min
Response: 1985972
Conc: 19.69 ug/ml