

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041819AL\
 Data File : FD028968.D
 Signal(s) : FID2B.CH
 Acq On : 18 Apr 2019 10:29
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 18 13:06:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 04:15:45 2019
 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)	10.997	2758021	19.161 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
12) S 1-chlorooctadecane (S...	12.418	2091060	17.915 ug/ml
Spiked Amount 50.000		Recovery =	35.83%
Target Compounds			
1) T n-Nonane (C9)	2.846	1810319	18.766 ug/ml
2) T n-Decane (C10)	3.865	1878858	18.857 ug/ml
3) T A~Naphthalene (C11.7)	5.437	2170584	19.437 ug/ml
4) T n-Dodecane (C12)	5.856	1962600	19.252 ug/ml
5) T A~2-methylnaphthalene...	6.485	2226204	19.616 ug/ml
6) T n-Tetradecane (C14)	7.643	2073853	19.490 ug/ml
7) T n-Hexadecane (C16)	9.237	2141693	19.253 ug/ml
8) T n-Octadecane (C18)	10.672	2175997	18.793 ug/ml
10) T n-Eicosane (C20)	11.974	2194568	18.576 ug/ml
11) T n-Heneicosane (C21)	12.582	2152645	18.283 ug/ml
13) T n-Docosane (C22)	13.165	2174728	18.418 ug/ml
14) T n-Tetracosane (C24)	14.260	2181848	18.691 ug/ml
15) T n-Hexacosane (C26)	15.274	2243795	19.672 ug/ml
16) T n-Octacosane (C28)	16.217	2350031	20.913 ug/ml
17) T n-Tricontane (C30)	17.098	2376472	22.081 ug/ml
18) T n-Dotriacontane (C32)	17.924	2267881	22.374 ug/ml
19) T n-Tetratriacontane (C34)	18.725	1939550	22.183 ug/ml
20) T n-Hexatriacontane (C36)	19.717	1701054	22.108 ug/ml
21) T n-Octatriacontane (C38)	21.055	1575559	21.953 ug/ml
22) T n-Tetracontane (C40)	22.912	1527419	21.554 ug/ml

(f)=RT Delta > 1/2 Window

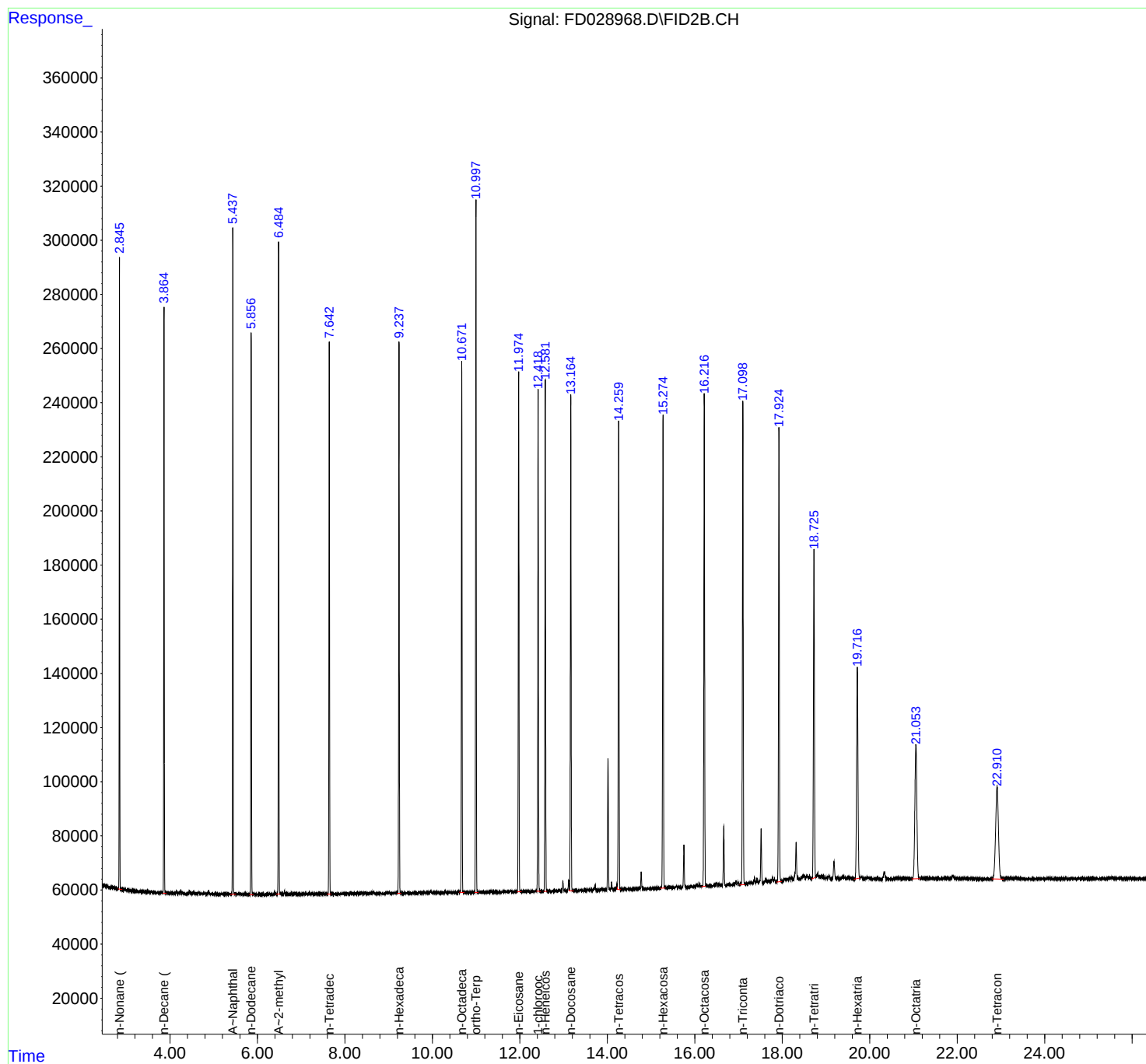
(m)=manual int.

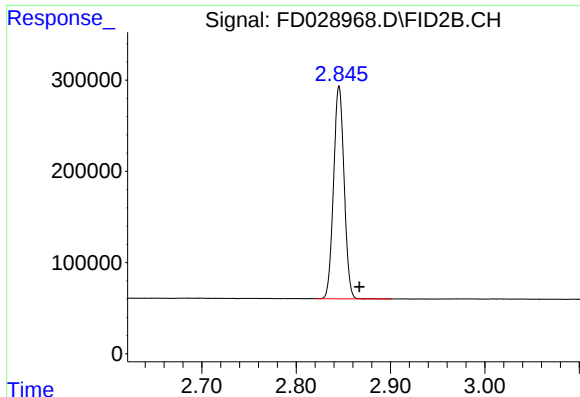
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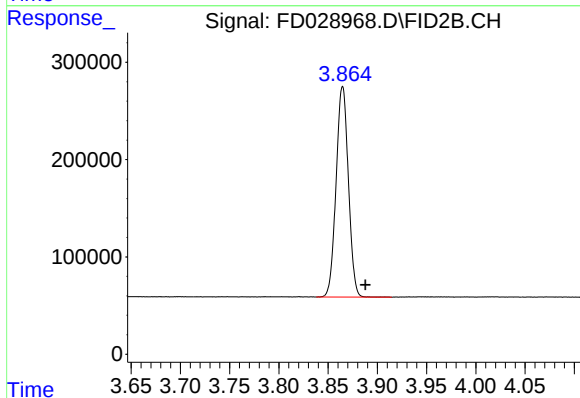




#1 n-Nonane (C9)

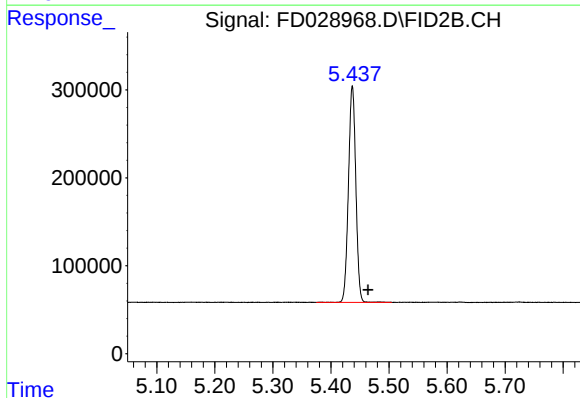
R.T.: 2.846 min
Delta R.T.: -0.021 min
Response: 1810319
Conc: 18.77 ug/ml

Instrument :
FID_D
ClientSampleId :



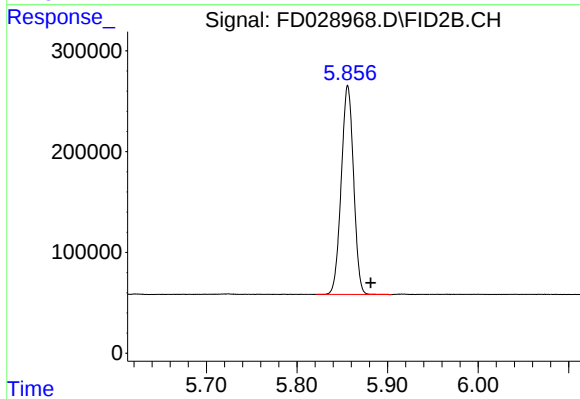
#2 n-Decane (C10)

R.T.: 3.865 min
Delta R.T.: -0.023 min
Response: 1878858
Conc: 18.86 ug/ml



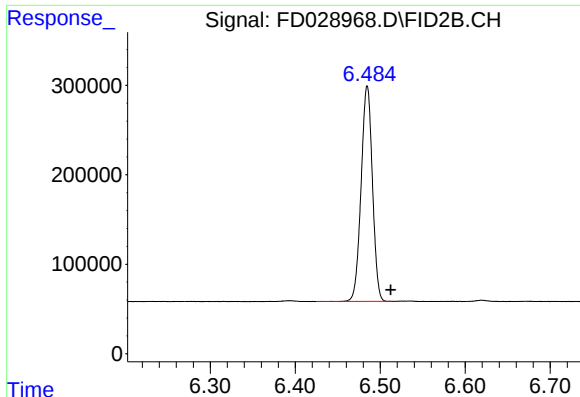
#3 A~Naphthalene (C11.7)

R.T.: 5.437 min
Delta R.T.: -0.027 min
Response: 2170584
Conc: 19.44 ug/ml



#4 n-Dodecane (C12)

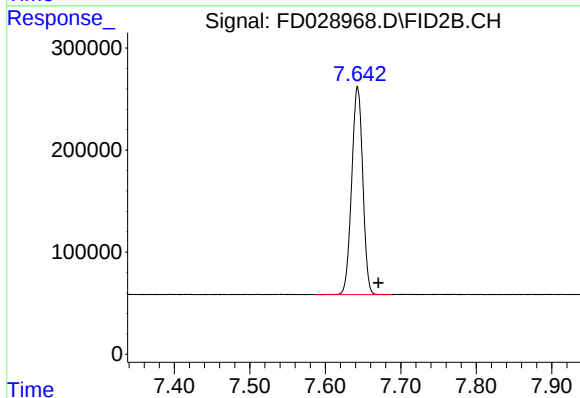
R.T.: 5.856 min
Delta R.T.: -0.025 min
Response: 1962600
Conc: 19.25 ug/ml



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

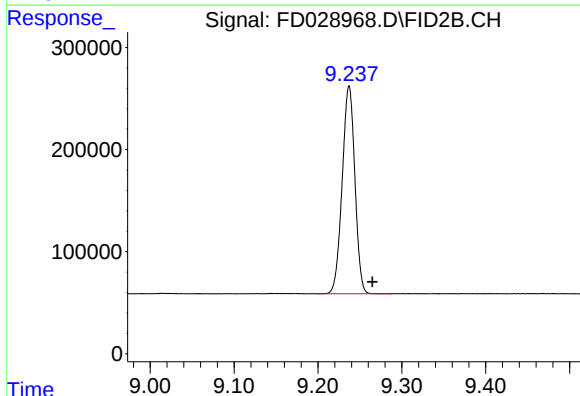
R.T.: 6.485 min
Delta R.T.: -0.028 min
Response: 2226204
Conc: 19.62 ug/ml

Instrument :
FID_D
ClientSampleId :



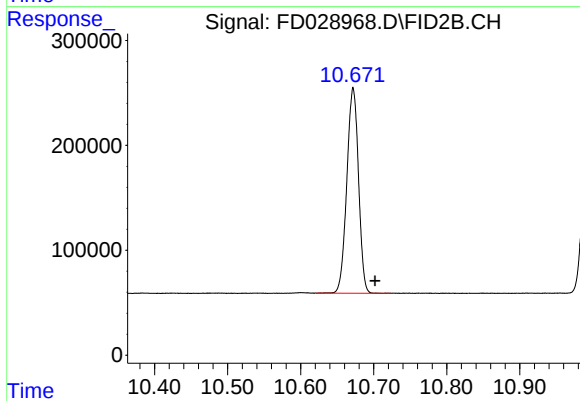
#6 n-Tetradecane (C14)

R.T.: 7.643 min
Delta R.T.: -0.027 min
Response: 2073853
Conc: 19.49 ug/ml



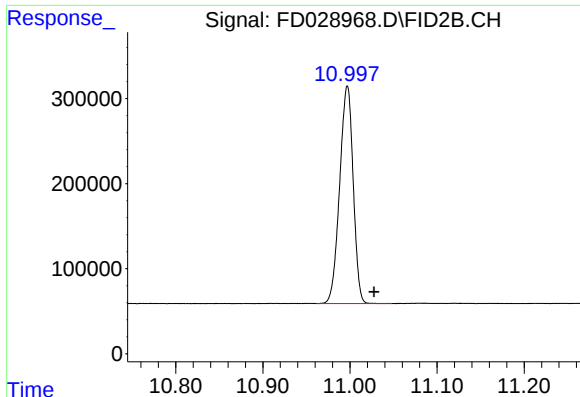
#7 n-Hexadecane (C16)

R.T.: 9.237 min
Delta R.T.: -0.028 min
Response: 2141693
Conc: 19.25 ug/ml



#8 n-Octadecane (C18)

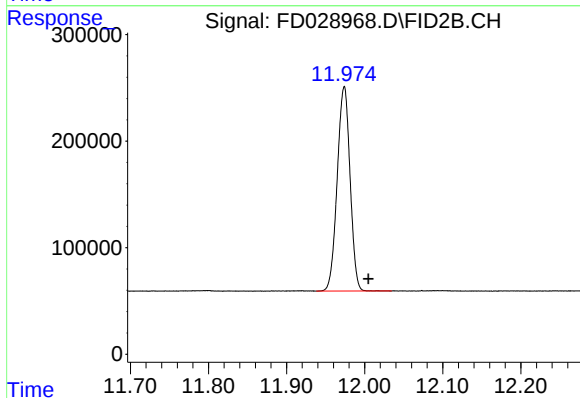
R.T.: 10.672 min
Delta R.T.: -0.030 min
Response: 2175997
Conc: 18.79 ug/ml



#9 ortho-Terphenyl (SURR)

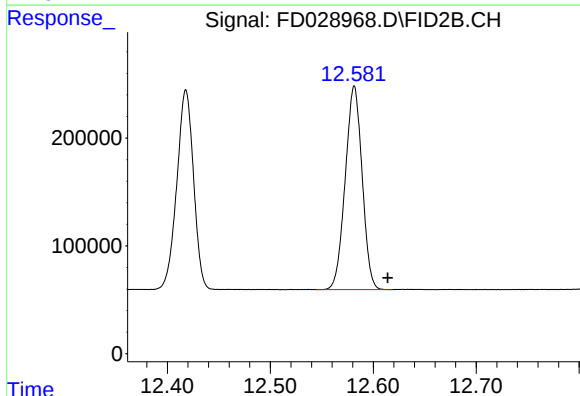
R.T.: 10.997 min
Delta R.T.: -0.031 min
Response: 2758021
Conc: 19.16 ug/ml

Instrument :
FID_D
ClientSampleId :



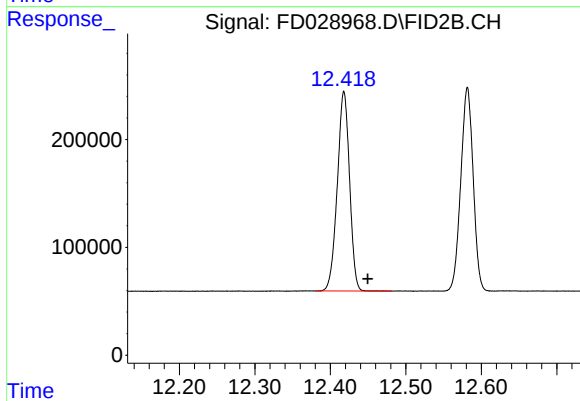
#10 n-Eicosane (C20)

R.T.: 11.974 min
Delta R.T.: -0.031 min
Response: 2194568
Conc: 18.58 ug/ml



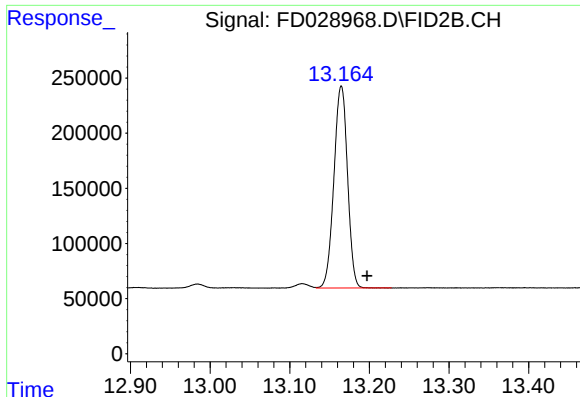
#11 n-Heneicosane (C21)

R.T.: 12.582 min
Delta R.T.: -0.033 min
Response: 2152645
Conc: 18.28 ug/ml



#12 1-chlorooctadecane (SURR)

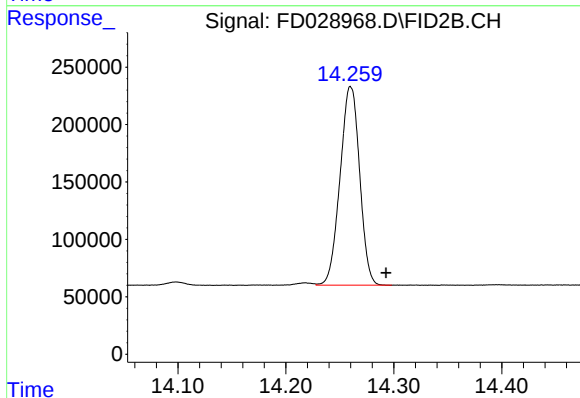
R.T.: 12.418 min
Delta R.T.: -0.032 min
Response: 2091060
Conc: 17.91 ug/ml



#13 n-Docosane (C22)

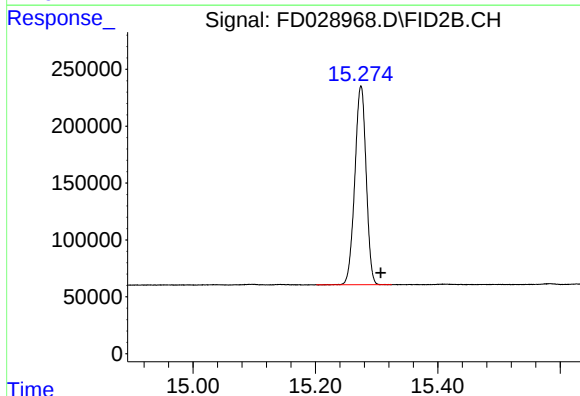
R.T.: 13.165 min
Delta R.T.: -0.033 min
Response: 2174728
Conc: 18.42 ug/ml

Instrument :
FID_D
ClientSampleId :



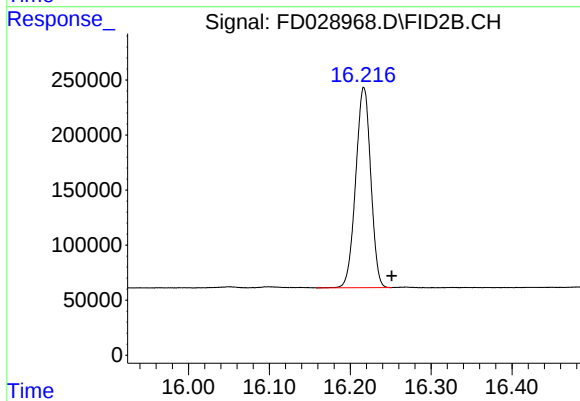
#14 n-Tetracosane (C24)

R.T.: 14.260 min
Delta R.T.: -0.033 min
Response: 2181848
Conc: 18.69 ug/ml



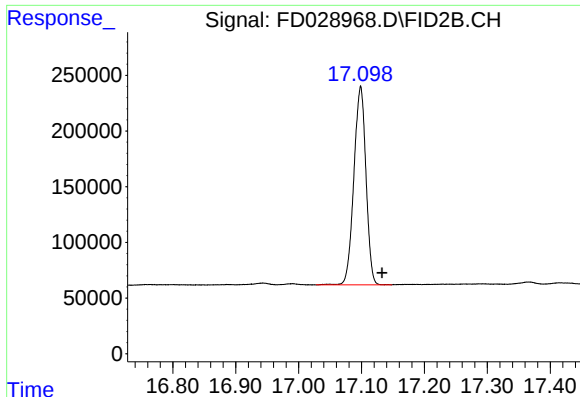
#15 n-Hexacosane (C26)

R.T.: 15.274 min
Delta R.T.: -0.032 min
Response: 2243795
Conc: 19.67 ug/ml



#16 n-Octacosane (C28)

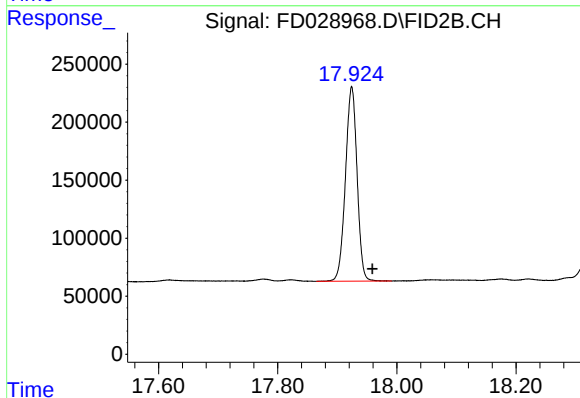
R.T.: 16.217 min
Delta R.T.: -0.035 min
Response: 2350031
Conc: 20.91 ug/ml



#17 n-Tricontane (C30)

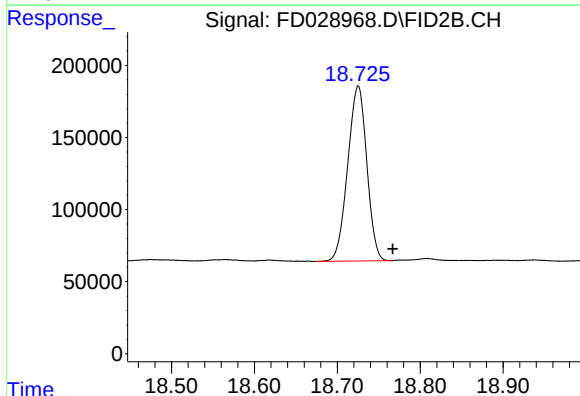
R.T.: 17.098 min
Delta R.T.: -0.034 min
Response: 2376472
Conc: 22.08 ug/ml

Instrument :
FID_D
ClientSampleId :



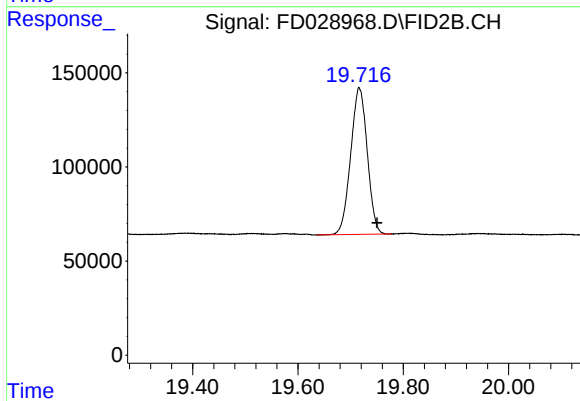
#18 n-Dotriacontane (C32)

R.T.: 17.924 min
Delta R.T.: -0.035 min
Response: 2267881
Conc: 22.37 ug/ml



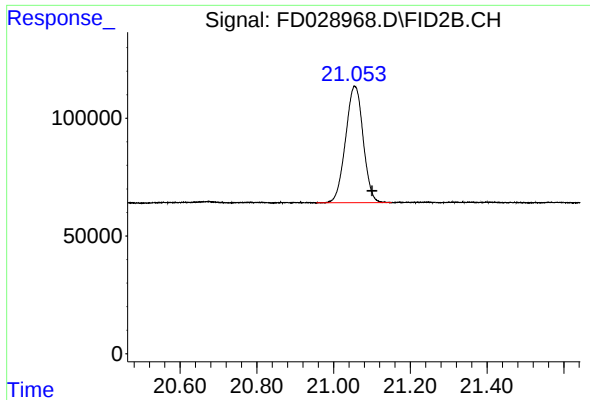
#19 n-Tetratriacontane (C34)

R.T.: 18.725 min
Delta R.T.: -0.042 min
Response: 1939550
Conc: 22.18 ug/ml



#20 n-Hexatriacontane (C36)

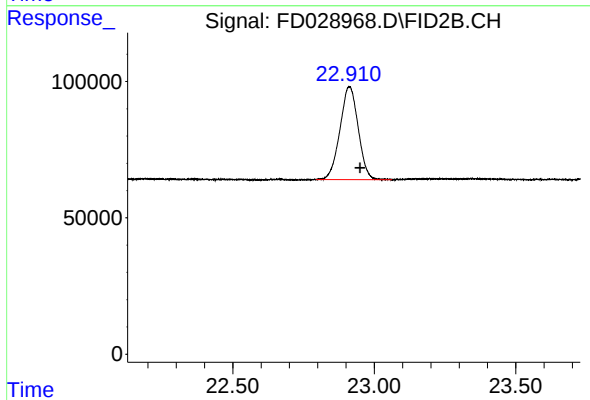
R.T.: 19.717 min
Delta R.T.: -0.034 min
Response: 1701054
Conc: 22.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.055 min
Delta R.T.: -0.045 min
Response: 1575559
Conc: 21.95 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.912 min
Delta R.T.: -0.038 min
Response: 1527419
Conc: 21.55 ug/ml