

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030519AL\
 Data File : FD028101.D
 Signal(s) : FID2B.CH
 Acq On : 05 Mar 2019 14:00
 Operator : AJ\SJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 06 03:25:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030519.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 06 03:23:47 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)	11.216	13867337	100.629 ug/ml
Spiked Amount 50.000		Recovery =	201.26%
12) S 1-chlorooctadecane (S...	12.655	10545732	98.996 ug/ml
Spiked Amount 50.000		Recovery =	197.99%
Target Compounds			
1) T n-Nonane (C9)	3.049	8944979	98.358 ug/ml
2) T n-Decane (C10)	4.105	9177112	99.154 ug/ml
3) T A~Naphthalene (C11.7)	5.658	10506089	99.844 ug/ml
4) T n-Dodecane (C12)	6.111	9414231	100.382 ug/ml
5) T A~2-methylnaphthalene...	6.709	10801395	101.123 ug/ml
6) T n-Tetradecane (C14)	7.895	9861243	101.960 ug/ml
7) T n-Hexadecane (C16)	9.485	10222243	102.079 ug/ml
8) T n-Octadecane (C18)	10.920	10469845	100.407 ug/ml
10) T n-Eicosane (C20)	12.218	10543429	98.780 ug/ml
11) T n-Heneicosane (C21)	12.827	10416041	98.733 ug/ml
13) T n-Docosane (C22)	13.410	10359390	97.767 ug/ml
14) T n-Tetracosane (C24)	14.505	10112229	96.390 ug/ml
15) T n-Hexacosane (C26)	15.518	9668890	94.746 ug/ml
16) T n-Octacosane (C28)	16.462	9235610	93.755 ug/ml
17) T n-Tricontane (C30)	17.342	8760690	93.778 ug/ml
18) T n-Dotriacontane (C32)	18.167	8136171	95.393 ug/ml
19) T n-Tetratriacontane (C34)	18.944	7109693	96.575 ug/ml
20) T n-Hexatriacontane (C36)	19.676	6286602	98.285 ug/ml
21) T n-Octatriacontane (C38)	20.371	5880539	99.065 ug/ml
22) T n-Tetracontane (C40)	21.139	5783705	98.905 ug/ml

(f)=RT Delta > 1/2 Window

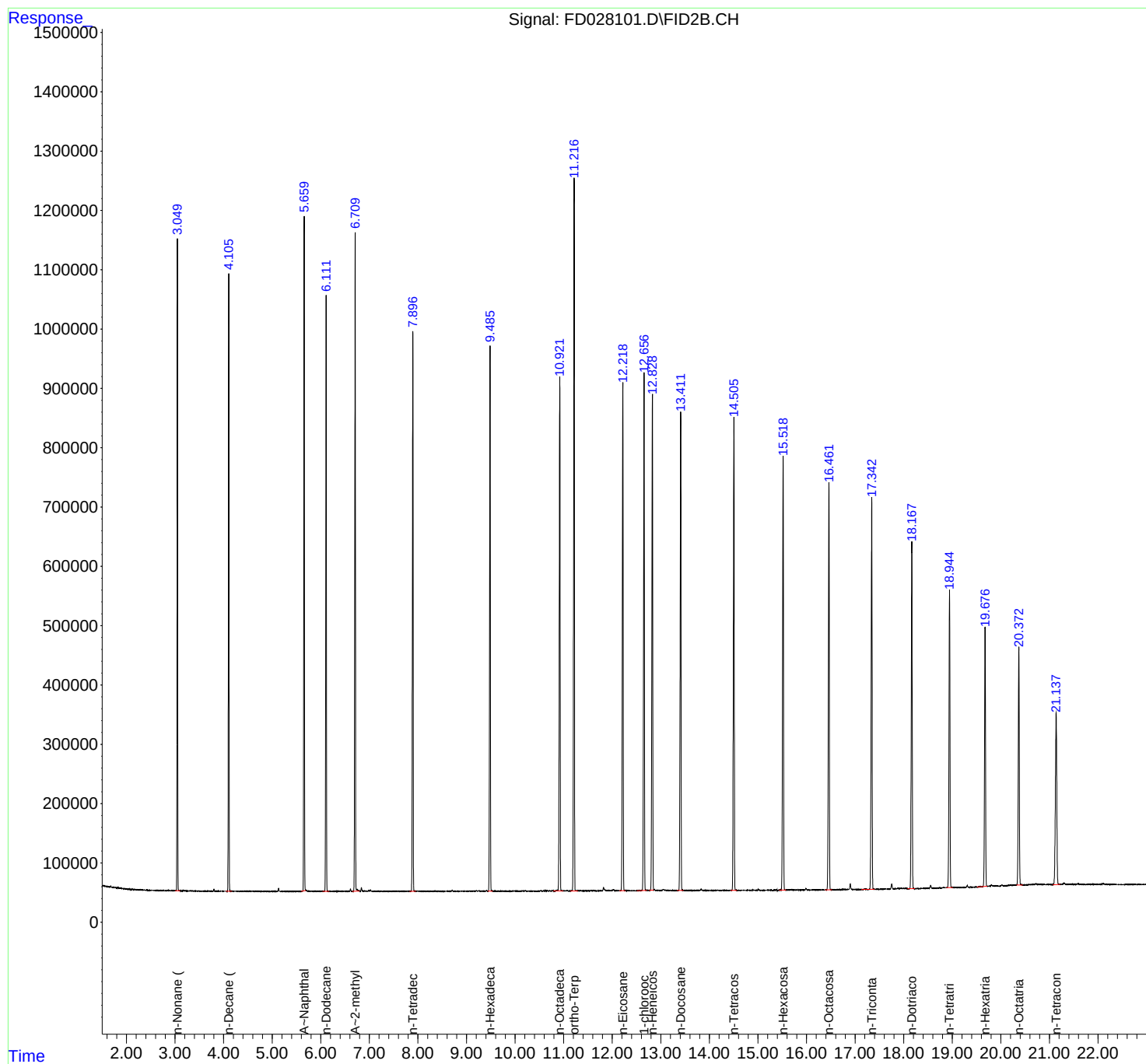
(m)=manual int.

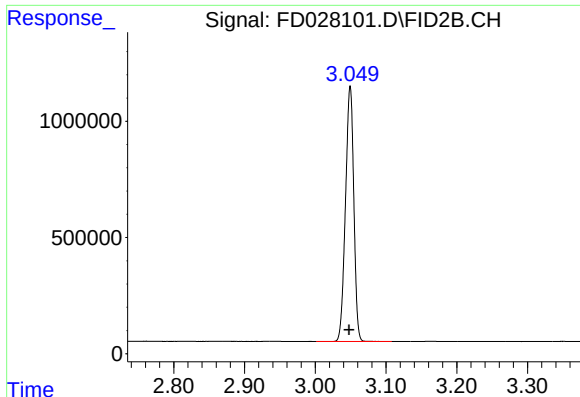
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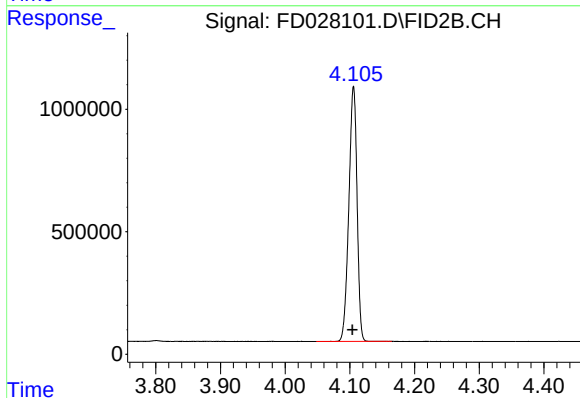




#1 n-Nonane (C9)

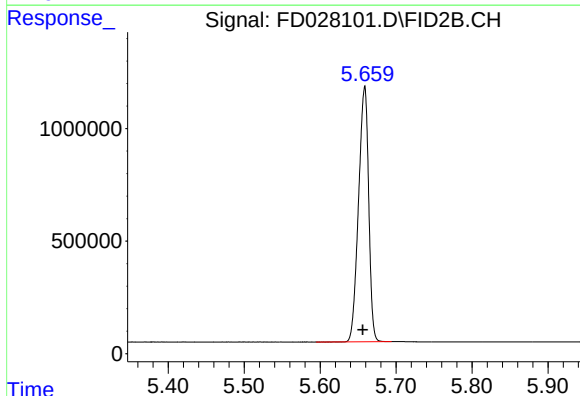
R.T.: 3.049 min
Delta R.T.: 0.001 min
Response: 8944979
Conc: 98.36 ug/ml

Instrument :
FID_C
ClientSampleId :



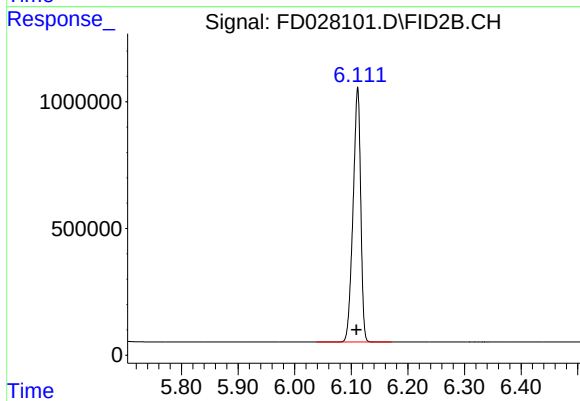
#2 n-Decane (C10)

R.T.: 4.105 min
Delta R.T.: 0.002 min
Response: 9177112
Conc: 99.15 ug/ml



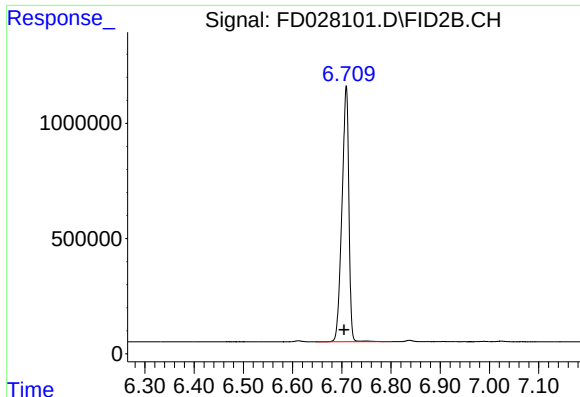
#3 A~Naphthalene (C11.7)

R.T.: 5.658 min
Delta R.T.: 0.002 min
Response: 10506089
Conc: 99.84 ug/ml



#4 n-Dodecane (C12)

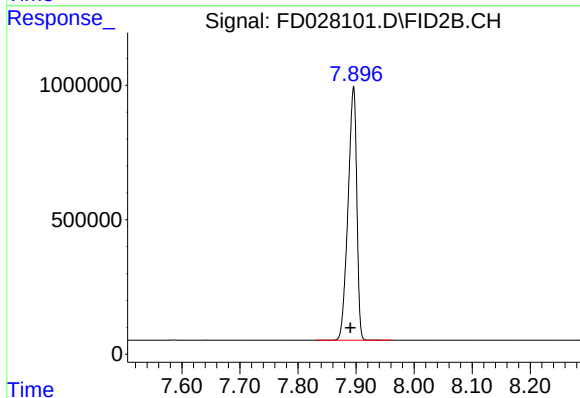
R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 9414231
Conc: 100.38 ug/ml



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

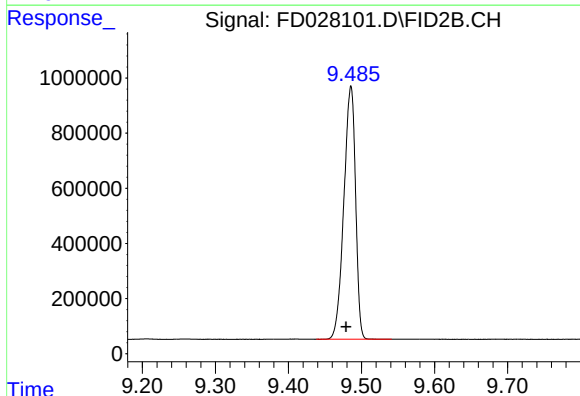
R.T.: 6.709 min
Delta R.T.: 0.004 min
Response: 10801395
Conc: 101.12 ug/ml

Instrument :
FID_C
ClientSampleId :



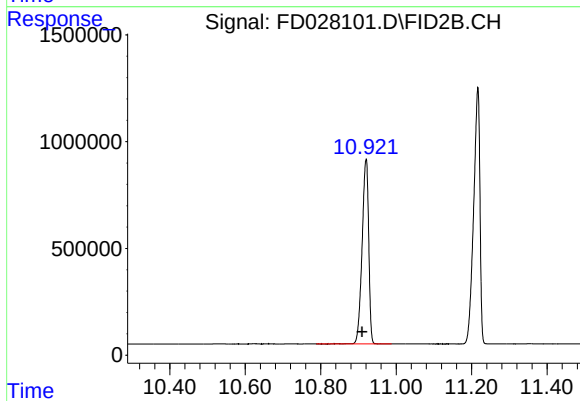
#6 n-Tetradecane (C14)

R.T.: 7.895 min
Delta R.T.: 0.005 min
Response: 9861243
Conc: 101.96 ug/ml



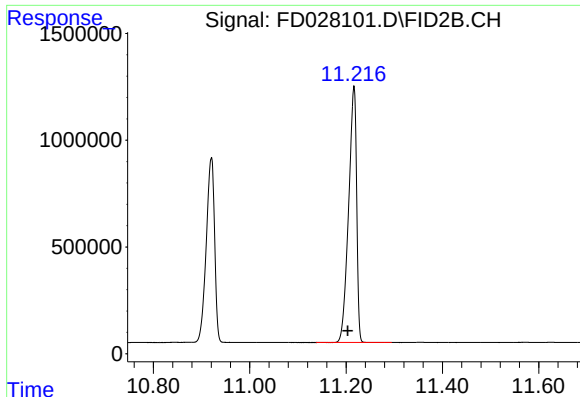
#7 n-Hexadecane (C16)

R.T.: 9.485 min
Delta R.T.: 0.006 min
Response: 10222243
Conc: 102.08 ug/ml



#8 n-Octadecane (C18)

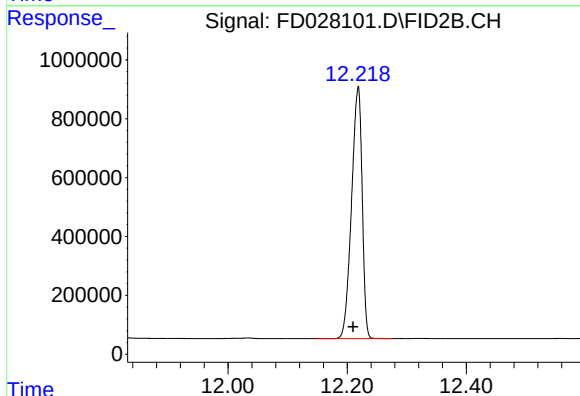
R.T.: 10.920 min
Delta R.T.: 0.010 min
Response: 10469845
Conc: 100.41 ug/ml



#9 ortho-Terphenyl (SURR)

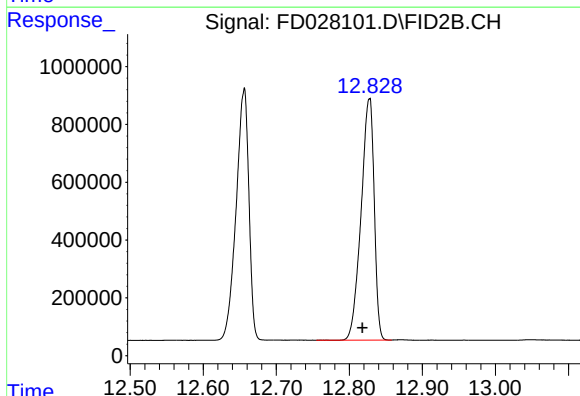
R.T.: 11.216 min
Delta R.T.: 0.012 min
Response: 13867337
Conc: 100.63 ug/ml

Instrument :
FID_C
ClientSampleId :



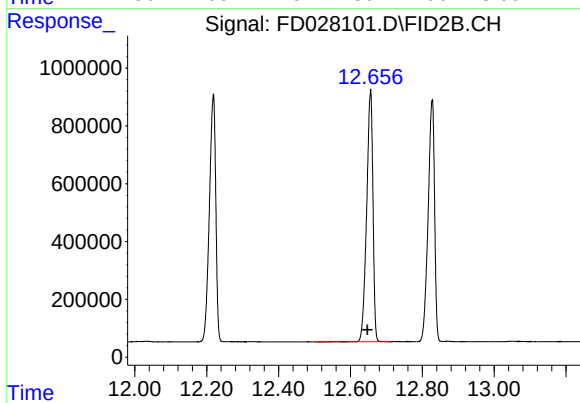
#10 n-Eicosane (C20)

R.T.: 12.218 min
Delta R.T.: 0.008 min
Response: 10543429
Conc: 98.78 ug/ml



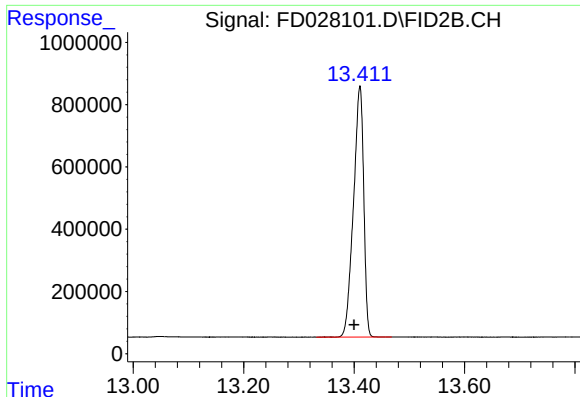
#11 n-Heneicosane (C21)

R.T.: 12.827 min
Delta R.T.: 0.009 min
Response: 10416041
Conc: 98.73 ug/ml



#12 1-chlorooctadecane (SURR)

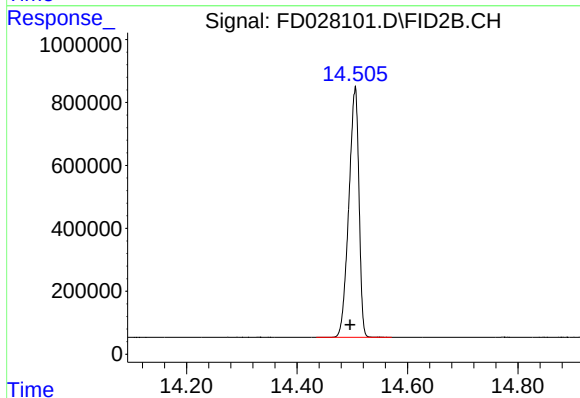
R.T.: 12.655 min
Delta R.T.: 0.008 min
Response: 10545732
Conc: 99.00 ug/ml



#13 n-Docosane (C22)

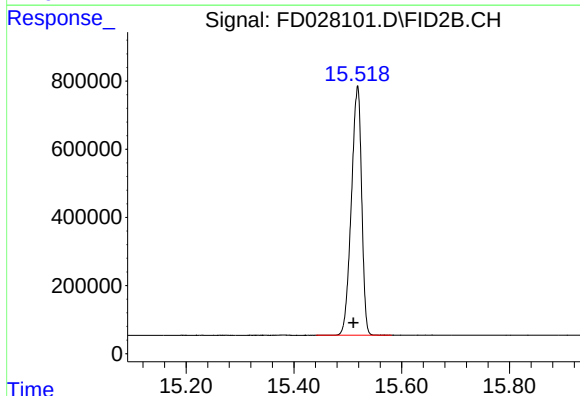
R.T.: 13.410 min
Delta R.T.: 0.010 min
Response: 10359390
Conc: 97.77 ug/ml

Instrument :
FID_C
ClientSampleId :



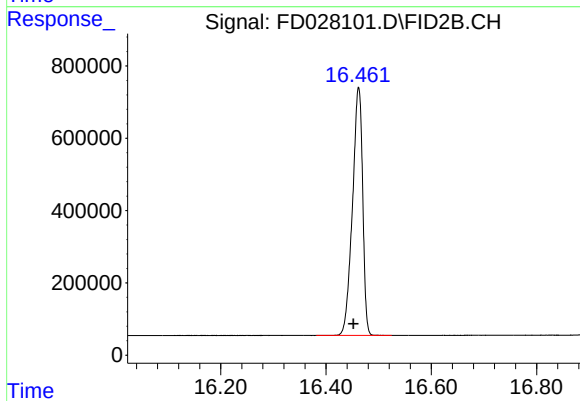
#14 n-Tetracosane (C24)

R.T.: 14.505 min
Delta R.T.: 0.009 min
Response: 10112229
Conc: 96.39 ug/ml



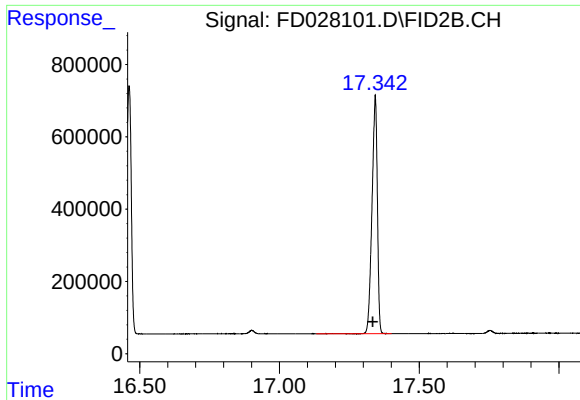
#15 n-Hexacosane (C26)

R.T.: 15.518 min
Delta R.T.: 0.008 min
Response: 9668890
Conc: 94.75 ug/ml



#16 n-Octacosane (C28)

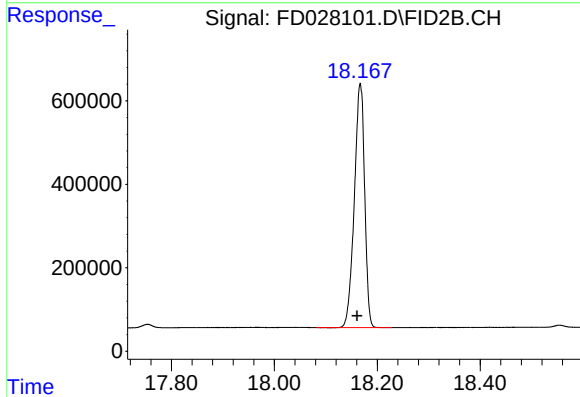
R.T.: 16.462 min
Delta R.T.: 0.009 min
Response: 9235610
Conc: 93.75 ug/ml



#17 n-Tricontane (C30)

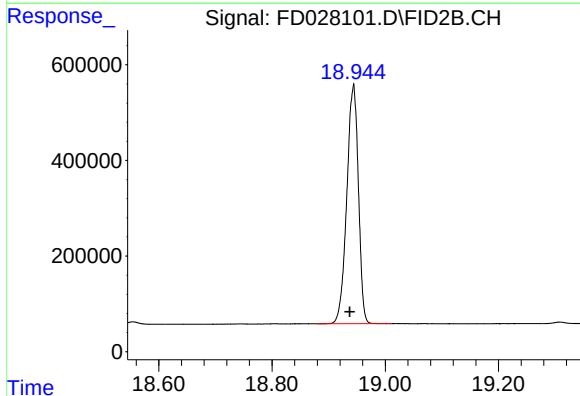
R.T.: 17.342 min
Delta R.T.: 0.009 min
Response: 8760690
Conc: 93.78 ug/ml

Instrument :
FID_C
ClientSampleId :



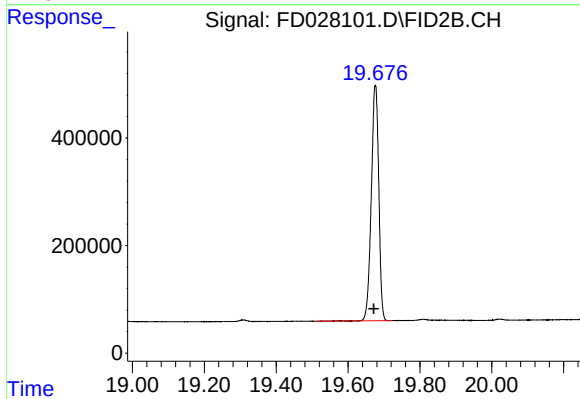
#18 n-Dotriacontane (C32)

R.T.: 18.167 min
Delta R.T.: 0.007 min
Response: 8136171
Conc: 95.39 ug/ml



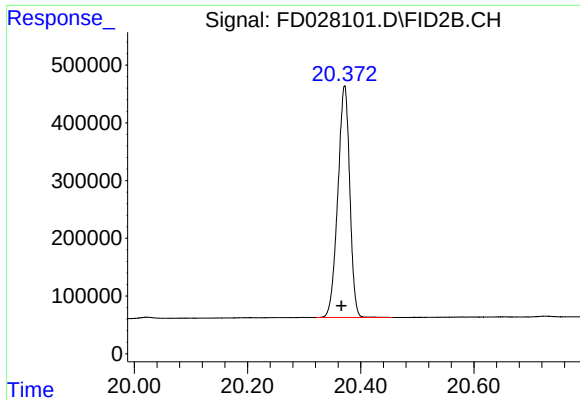
#19 n-Tetratriacontane (C34)

R.T.: 18.944 min
Delta R.T.: 0.006 min
Response: 7109693
Conc: 96.58 ug/ml



#20 n-Hexatriacontane (C36)

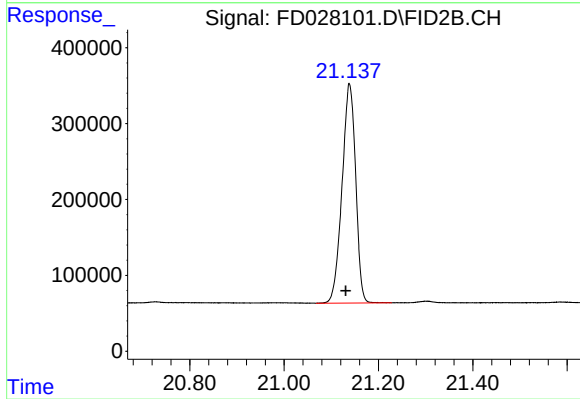
R.T.: 19.676 min
Delta R.T.: 0.004 min
Response: 6286602
Conc: 98.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.371 min
Delta R.T.: 0.005 min
Response: 5880539
Conc: 99.06 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.139 min
Delta R.T.: 0.008 min
Response: 5783705
Conc: 98.90 ug/ml