

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030519AL\
 Data File : FD028130.D
 Signal(s) : FID2B.CH
 Acq On : 06 Mar 2019 7:36
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 06 12:26:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030519.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 06 03:32:11 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)	11.205	2732586	19.635 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
12) S 1-chlorooctadecane (S...	12.648	2036418	18.960 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
Target Compounds			
1) T n-Nonane (C9)	3.048	1941275	21.240 ug/ml
2) T n-Decane (C10)	4.104	1997817	21.425 ug/ml
3) T A~Naphthalene (C11.7)	5.657	2308098	21.892 ug/ml
4) T n-Dodecane (C12)	6.109	2051218	21.730 ug/ml
5) T A~2-methylnaphthalene...	6.705	2335636	21.799 ug/ml
6) T n-Tetradecane (C14)	7.891	2120252	21.709 ug/ml
7) T n-Hexadecane (C16)	9.481	2138492	21.099 ug/ml
8) T n-Octadecane (C18)	10.912	2128902	20.114 ug/ml
10) T n-Eicosane (C20)	12.212	2090396	19.398 ug/ml
11) T n-Heneicosane (C21)	12.820	2047833	19.262 ug/ml
13) T n-Docosane (C22)	13.403	2020313	18.926 ug/ml
14) T n-Tetracosane (C24)	14.497	1958621	18.610 ug/ml
15) T n-Hexacosane (C26)	15.511	1890537	18.514 ug/ml
16) T n-Octacosane (C28)	16.453	1864284	18.800 ug/ml
17) T n-Tricontane (C30)	17.334	1817343	19.245 ug/ml
18) T n-Dotriacontane (C32)	18.159	1718399	19.923 ug/ml
19) T n-Tetratriacontane (C34)	18.936	1510652	20.290 ug/ml
20) T n-Hexatriacontane (C36)	19.670	1325123	20.566 ug/ml
21) T n-Octatriacontane (C38)	20.364	1272904	21.132 ug/ml
22) T n-Tetracontane (C40)	21.130	1227734	20.741 ug/ml

(f)=RT Delta > 1/2 Window

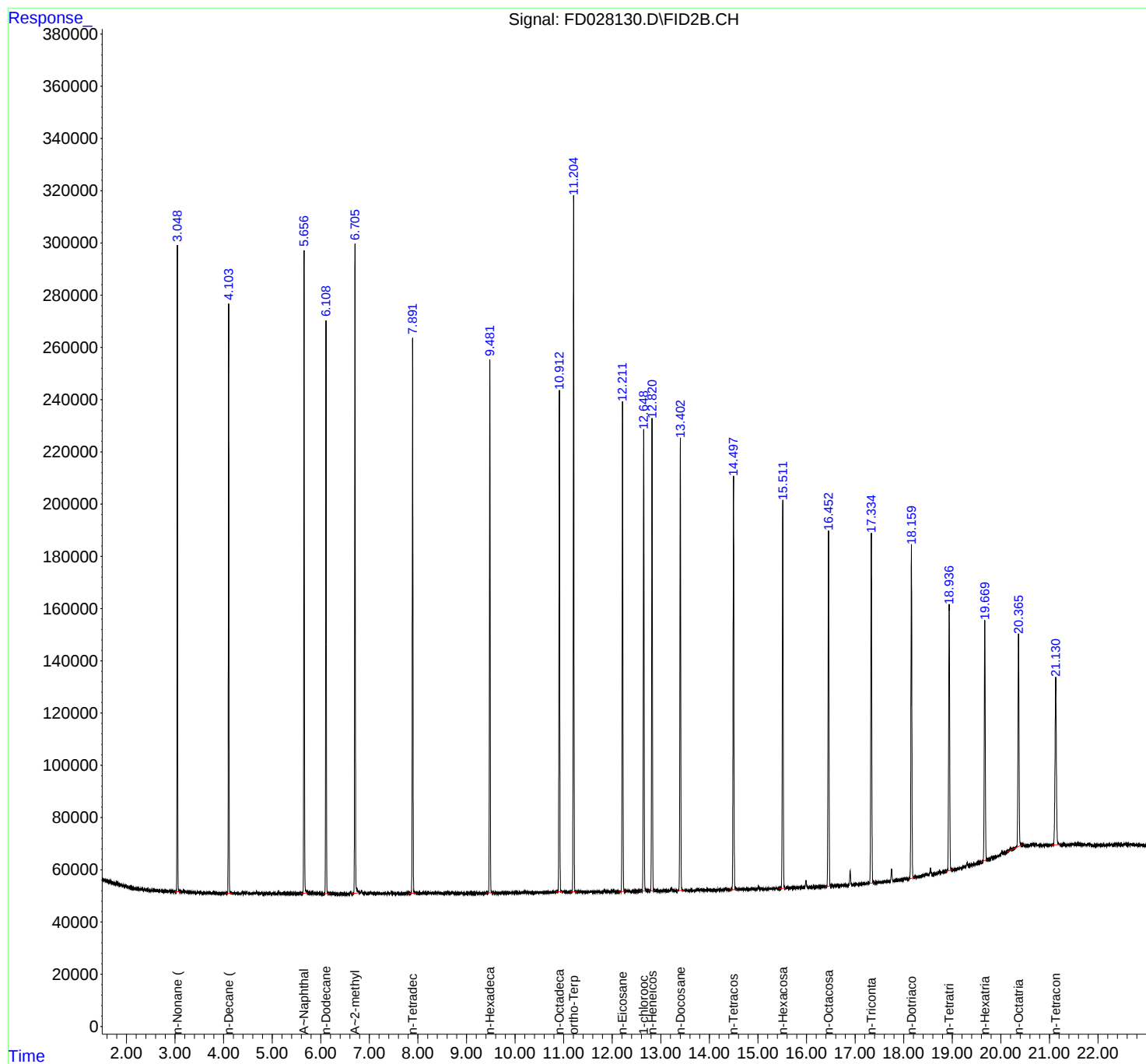
(m)=manual int.

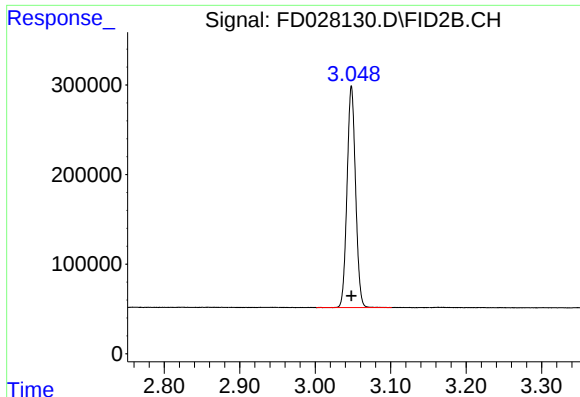
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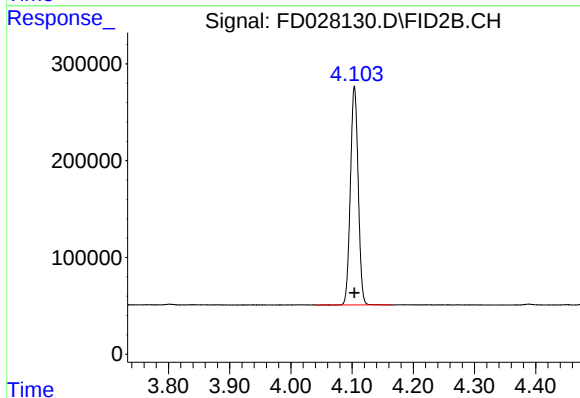




#1 n-Nonane (C9)

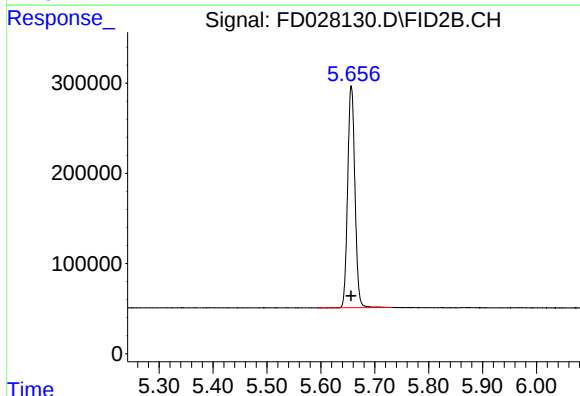
R.T.: 3.048 min
Delta R.T.: 0.000 min
Response: 1941275
Conc: 21.24 ug/ml

Instrument :
FID_D
ClientSampleId :



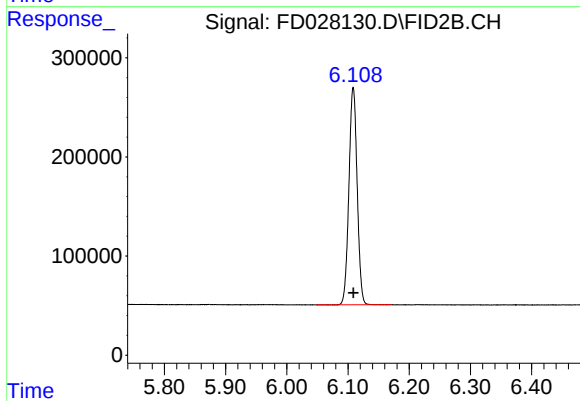
#2 n-Decane (C10)

R.T.: 4.104 min
Delta R.T.: 0.000 min
Response: 1997817
Conc: 21.43 ug/ml



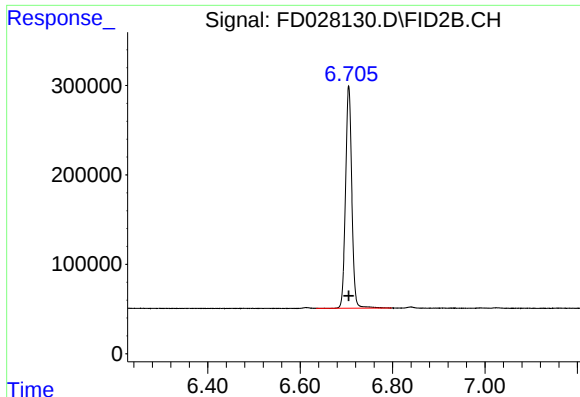
#3 A~Naphthalene (C11.7)

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 2308098
Conc: 21.89 ug/ml



#4 n-Dodecane (C12)

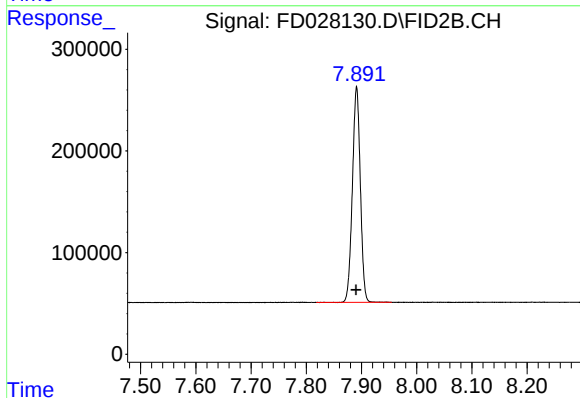
R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 2051218
Conc: 21.73 ug/ml



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

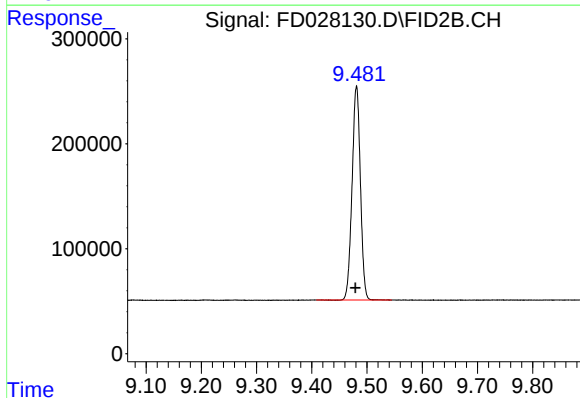
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 2335636
Conc: 21.80 ug/ml

Instrument :
FID_D
ClientSampleId :



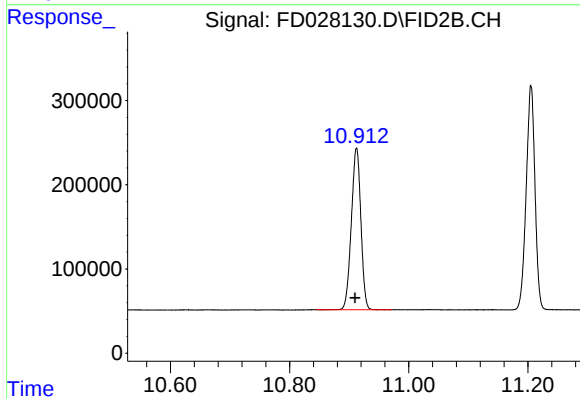
#6 n-Tetradecane (C14)

R.T.: 7.891 min
Delta R.T.: 0.001 min
Response: 2120252
Conc: 21.71 ug/ml



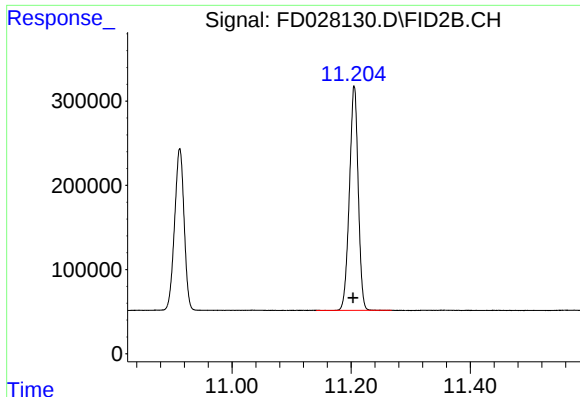
#7 n-Hexadecane (C16)

R.T.: 9.481 min
Delta R.T.: 0.002 min
Response: 2138492
Conc: 21.10 ug/ml



#8 n-Octadecane (C18)

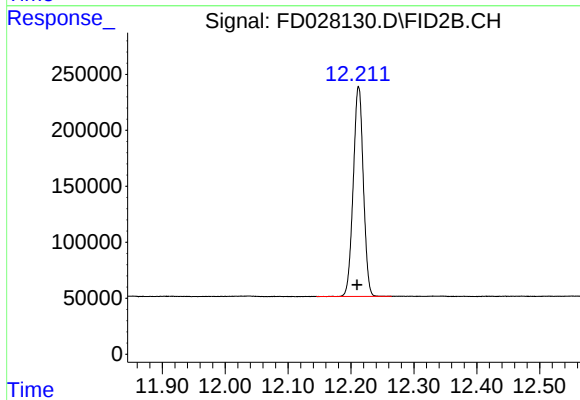
R.T.: 10.912 min
Delta R.T.: 0.002 min
Response: 2128902
Conc: 20.11 ug/ml



#9 ortho-Terphenyl (SURR)

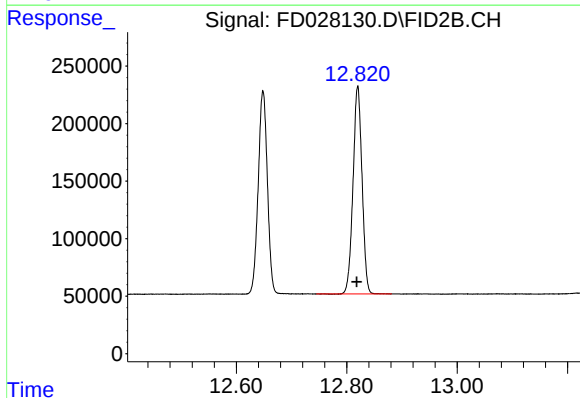
R.T.: 11.205 min
Delta R.T.: 0.002 min
Response: 2732586
Conc: 19.63 ug/ml

Instrument :
FID_D
ClientSampleId :



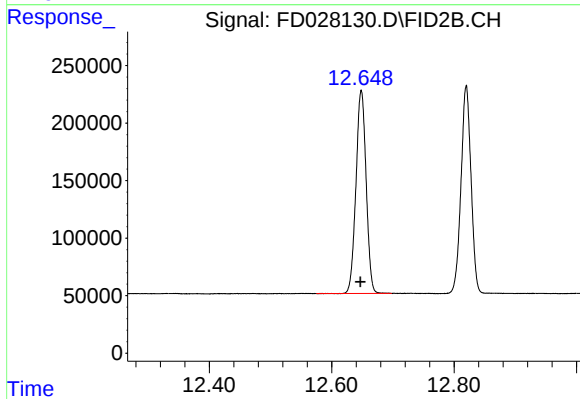
#10 n-Eicosane (C20)

R.T.: 12.212 min
Delta R.T.: 0.002 min
Response: 2090396
Conc: 19.40 ug/ml



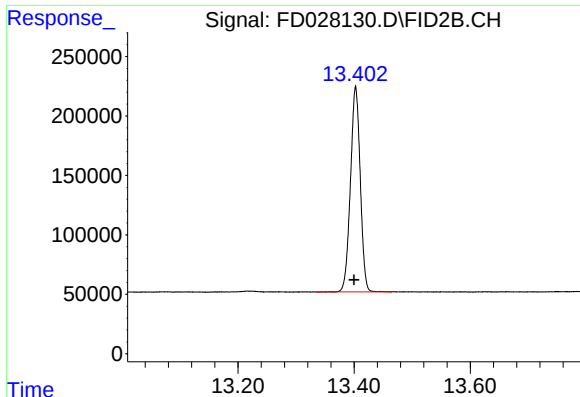
#11 n-Heneicosane (C21)

R.T.: 12.820 min
Delta R.T.: 0.002 min
Response: 2047833
Conc: 19.26 ug/ml



#12 1-chlorooctadecane (SURR)

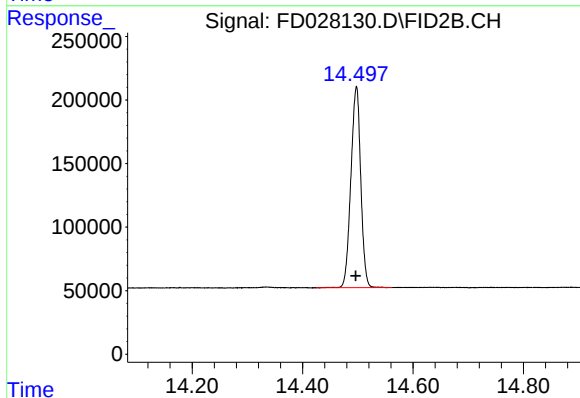
R.T.: 12.648 min
Delta R.T.: 0.001 min
Response: 2036418
Conc: 18.96 ug/ml



#13 n-Docosane (C22)

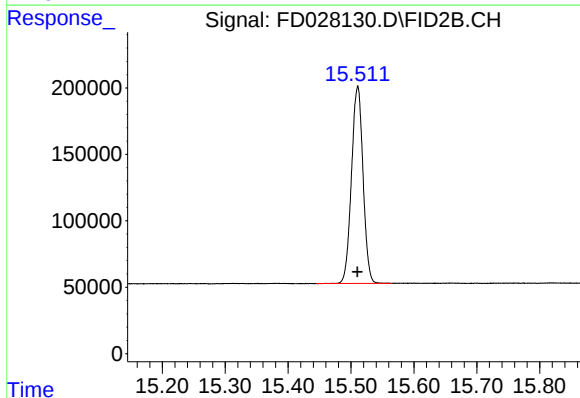
R.T.: 13.403 min
Delta R.T.: 0.003 min
Response: 2020313
Conc: 18.93 ug/ml

Instrument :
FID_D
ClientSampleId :



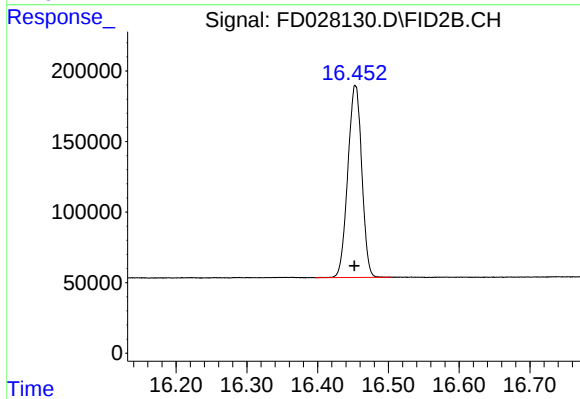
#14 n-Tetracosane (C24)

R.T.: 14.497 min
Delta R.T.: 0.001 min
Response: 1958621
Conc: 18.61 ug/ml



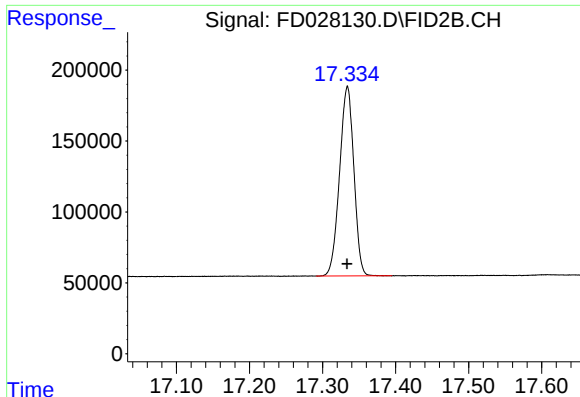
#15 n-Hexacosane (C26)

R.T.: 15.511 min
Delta R.T.: 0.000 min
Response: 1890537
Conc: 18.51 ug/ml



#16 n-Octacosane (C28)

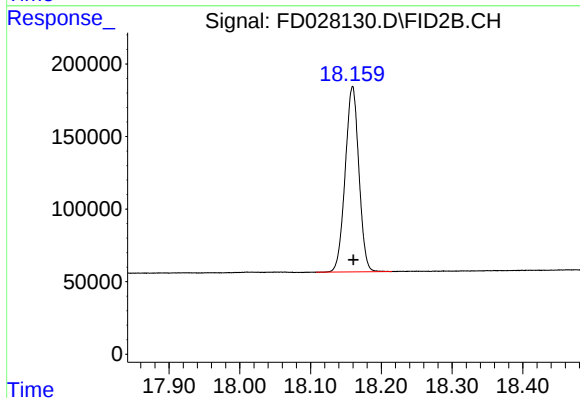
R.T.: 16.453 min
Delta R.T.: 0.001 min
Response: 1864284
Conc: 18.80 ug/ml



#17 n-Tricontane (C30)

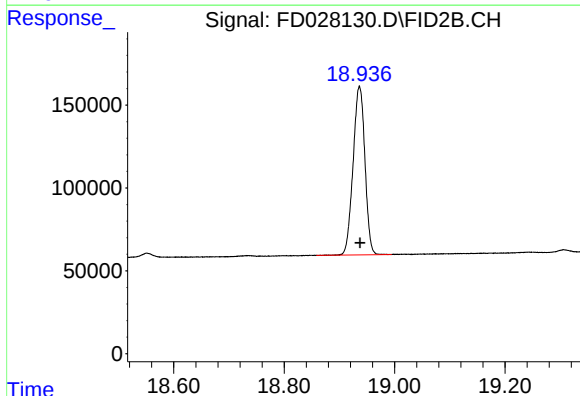
R.T.: 17.334 min
Delta R.T.: 0.000 min
Response: 1817343
Conc: 19.25 ug/ml

Instrument :
FID_D
ClientSampleId :



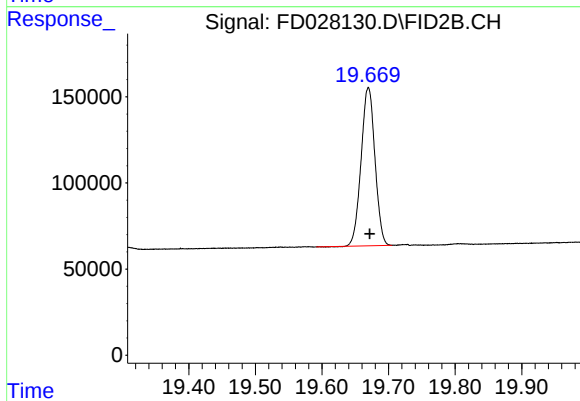
#18 n-Dotriacontane (C32)

R.T.: 18.159 min
Delta R.T.: -0.001 min
Response: 1718399
Conc: 19.92 ug/ml



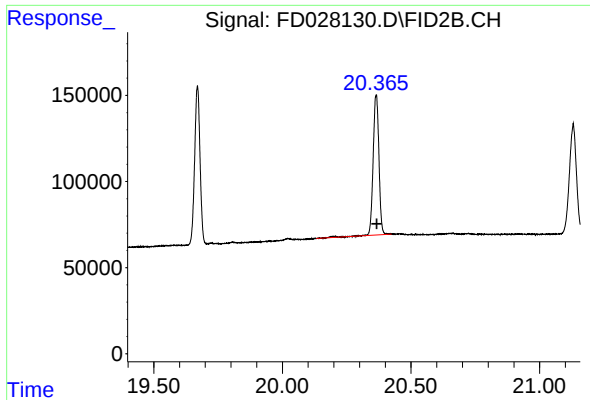
#19 n-Tetratriacontane (C34)

R.T.: 18.936 min
Delta R.T.: -0.001 min
Response: 1510652
Conc: 20.29 ug/ml



#20 n-Hexatriacontane (C36)

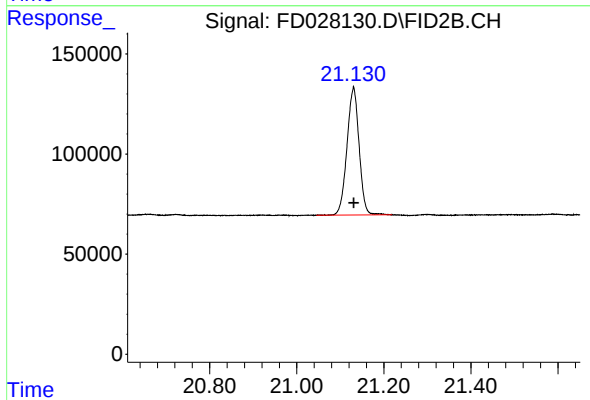
R.T.: 19.670 min
Delta R.T.: -0.002 min
Response: 1325123
Conc: 20.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.364 min
Delta R.T.: -0.002 min
Response: 1272904
Conc: 21.13 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.130 min
Delta R.T.: 0.000 min
Response: 1227734
Conc: 20.74 ug/ml