

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042821AL\
 Data File : FD037227.D
 Signal(s) : FID2B.CH
 Acq On : 29 Apr 2021 00:17
 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 29 02:44:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 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)	11.476	2467170	21.129 ug/ml
Spiked Amount 50.000		Recovery =	42.26%
12) S 1-chlorooctadecane (S...	12.909	1840112	21.750 ug/ml
Spiked Amount 50.000		Recovery =	43.50%
Target Compounds			
1) T n-Nonane (C9)	3.274	2610803	22.158 ug/ml
2) T n-Decane (C10)	4.335	2645297	22.305 ug/ml
3) T A~Naphthalene (C11.7)	5.910	2876238	21.917 ug/ml
4) T n-Dodecane (C12)	6.346	2636771	22.204 ug/ml
5) T A~2-methylnaphthalene...	6.963	2857223	21.790 ug/ml
6) T n-Tetradecane (C14)	8.134	2546105	21.995 ug/ml
7) T n-Hexadecane (C16)	9.728	2387102	21.713 ug/ml
8) T n-Octadecane (C18)	11.164	2353979	21.469 ug/ml
10) T n-Eicosane (C20)	12.468	2264401	21.347 ug/ml
11) T n-Heneicosane (C21)	13.077	2217728	21.109 ug/ml
13) T n-Docosane (C22)	13.660	2216619	21.563 ug/ml
14) T n-Tetracosane (C24)	14.757	2247255	22.186 ug/ml
15) T n-Hexacosane (C26)	15.773	2226439	22.796 ug/ml
16) T n-Octacosane (C28)	16.717	2242819	23.333 ug/ml
17) T n-Tricontane (C30)	17.600	2282512	23.734 ug/ml
18) T n-Dotriacontane (C32)	18.428	2262123	23.000 ug/ml
19) T n-Tetratriacontane (C34)	19.206	2193371	23.108 ug/ml
20) T n-Hexatriacontane (C36)	19.941	2094790	22.244 ug/ml
21) T n-Octatriacontane (C38)	20.650	1993384	23.154 ug/ml
22) T n-Tetracontane (C40)	21.497	2044151	21.305 ug/ml

(f)=RT Delta > 1/2 Window

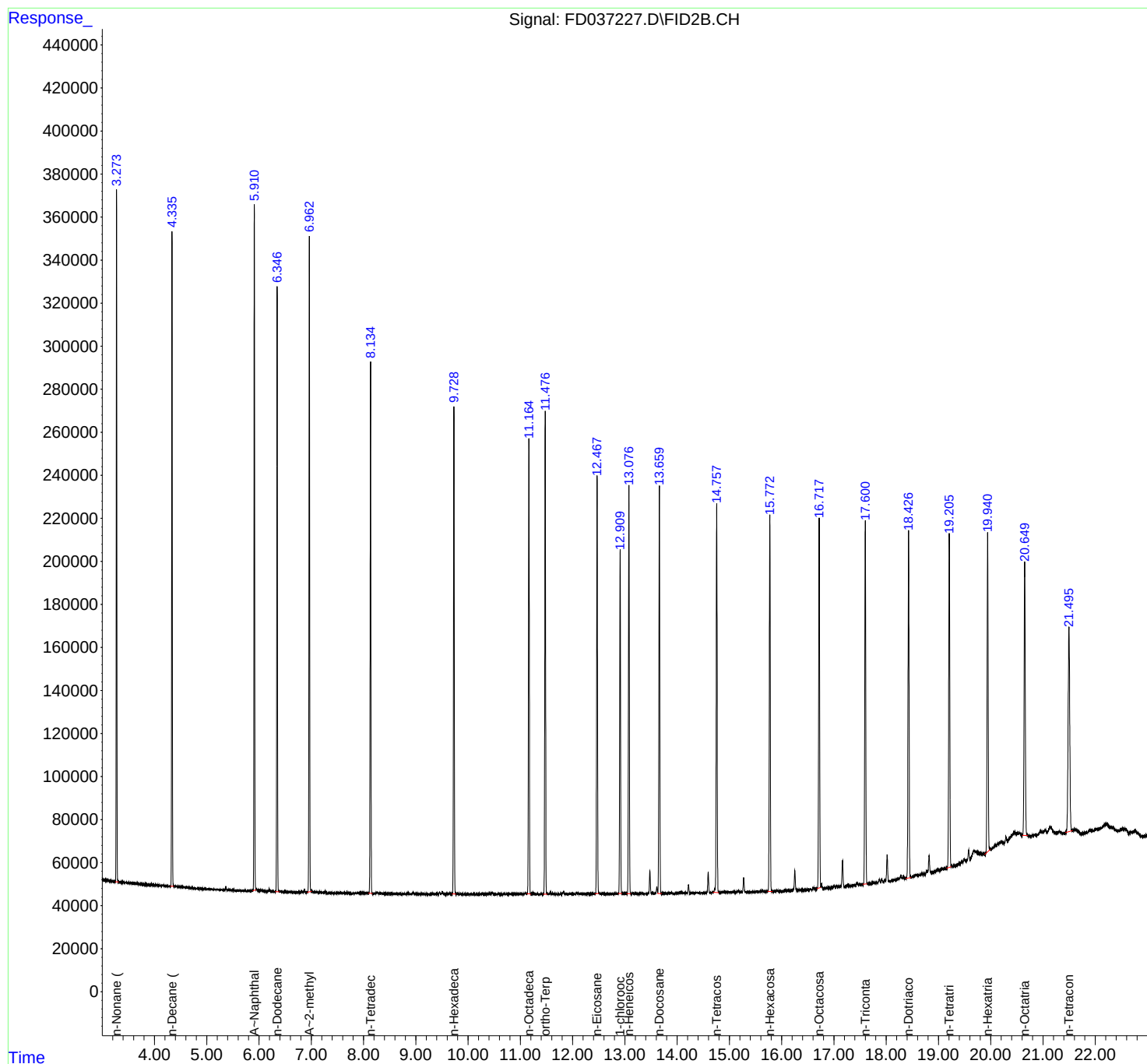
(m)=manual int.

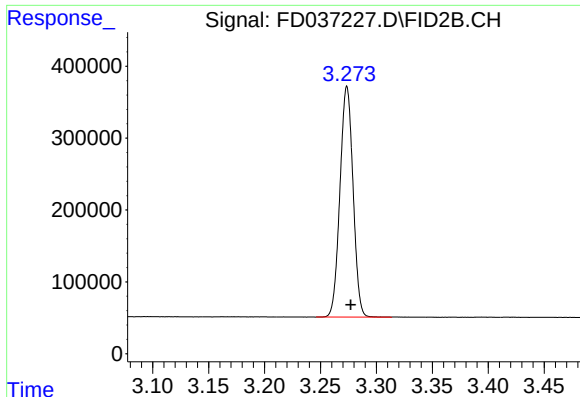
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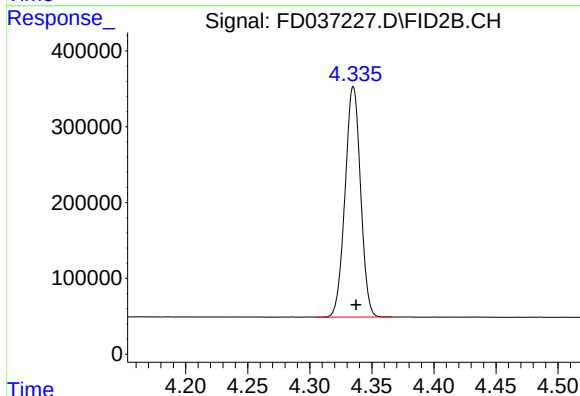




#1 n-Nonane (C9)

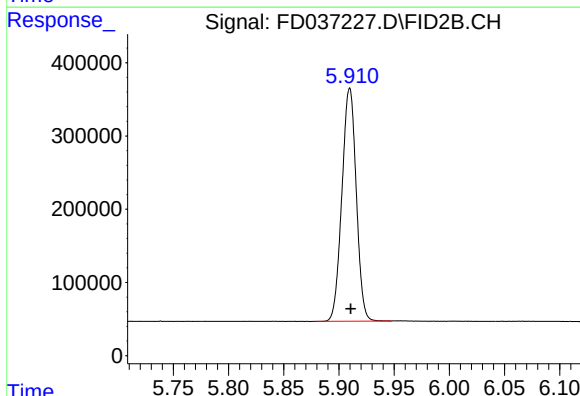
R.T.: 3.274 min
Delta R.T.: -0.003 min
Response: 2610803
Conc: 22.16 ug/ml

Instrument :
FID_D
ClientSampleId :



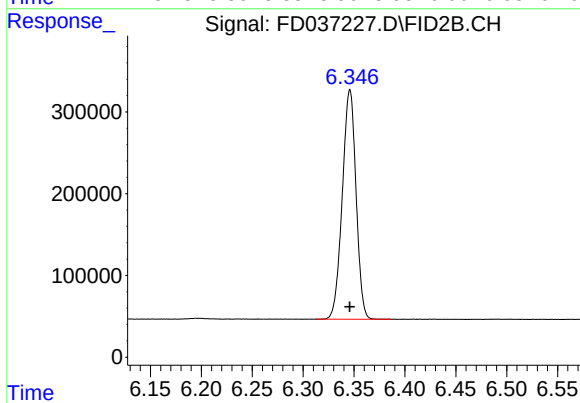
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: -0.002 min
Response: 2645297
Conc: 22.31 ug/ml



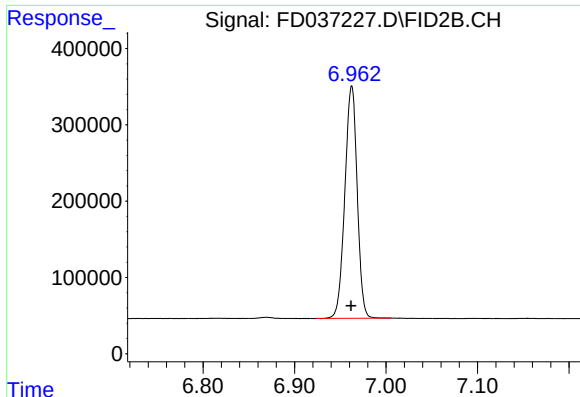
#3 A~Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 2876238
Conc: 21.92 ug/ml



#4 n-Dodecane (C12)

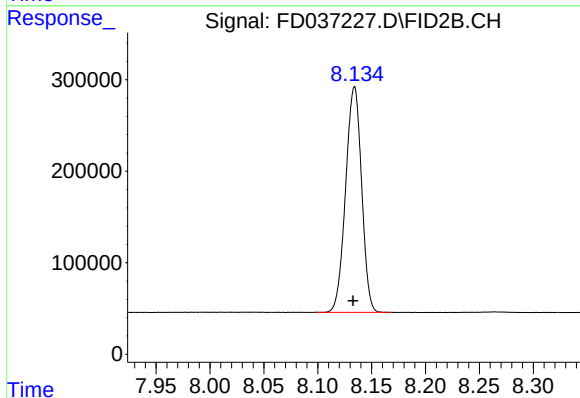
R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 2636771
Conc: 22.20 ug/ml



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

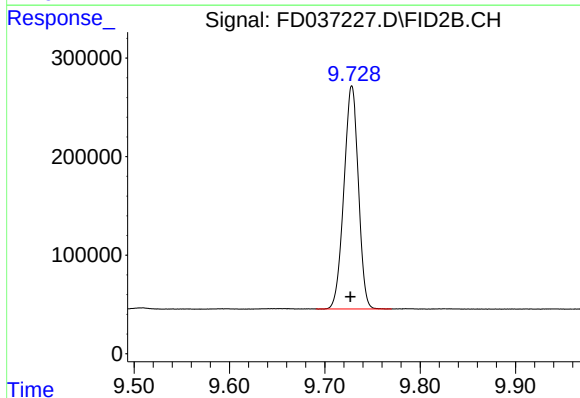
R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 2857223
Conc: 21.79 ug/ml

Instrument :
FID_D
ClientSampleId :



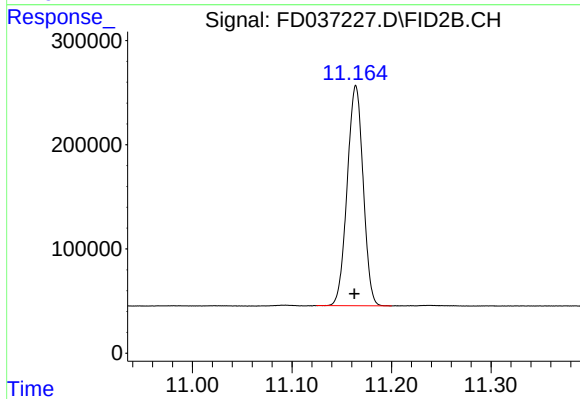
#6 n-Tetradecane (C14)

R.T.: 8.134 min
Delta R.T.: 0.001 min
Response: 2546105
Conc: 22.00 ug/ml



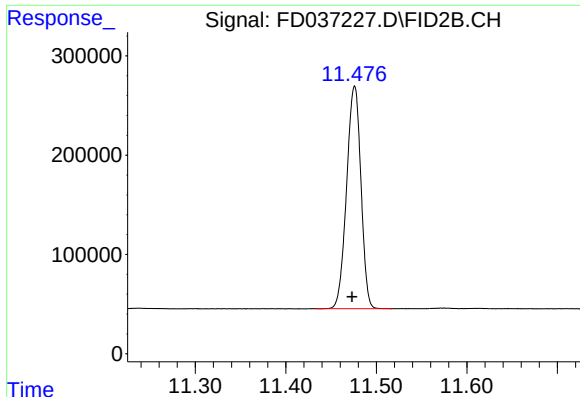
#7 n-Hexadecane (C16)

R.T.: 9.728 min
Delta R.T.: 0.001 min
Response: 2387102
Conc: 21.71 ug/ml



#8 n-Octadecane (C18)

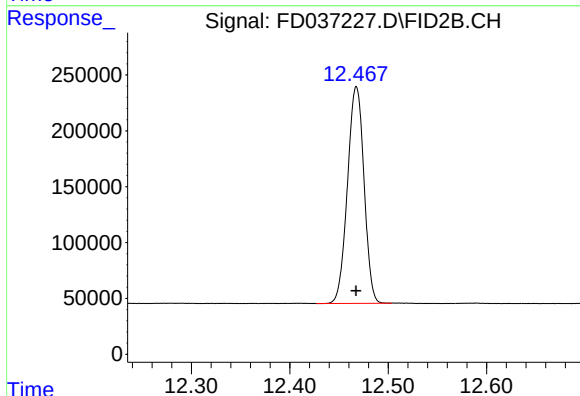
R.T.: 11.164 min
Delta R.T.: 0.001 min
Response: 2353979
Conc: 21.47 ug/ml



#9 ortho-Terphenyl (SURR)

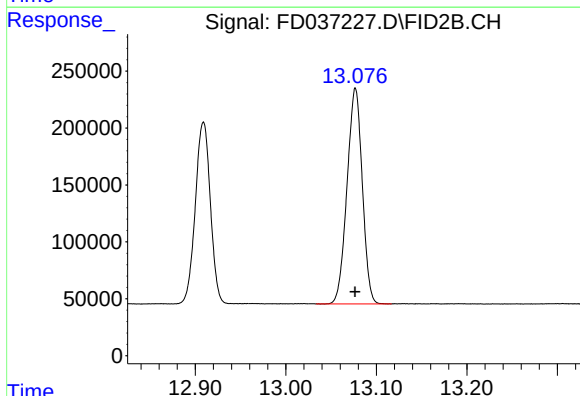
R.T.: 11.476 min
Delta R.T.: 0.003 min
Response: 2467170
Conc: 21.13 ug/ml

Instrument :
FID_D
ClientSampleId :



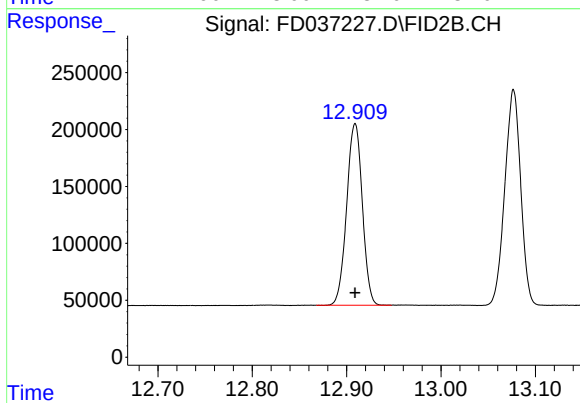
#10 n-Eicosane (C20)

R.T.: 12.468 min
Delta R.T.: 0.000 min
Response: 2264401
Conc: 21.35 ug/ml



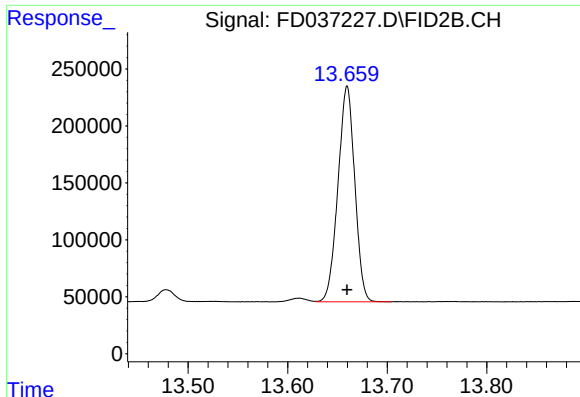
#11 n-Heneicosane (C21)

R.T.: 13.077 min
Delta R.T.: 0.000 min
Response: 2217728
Conc: 21.11 ug/ml



#12 1-chlorooctadecane (SURR)

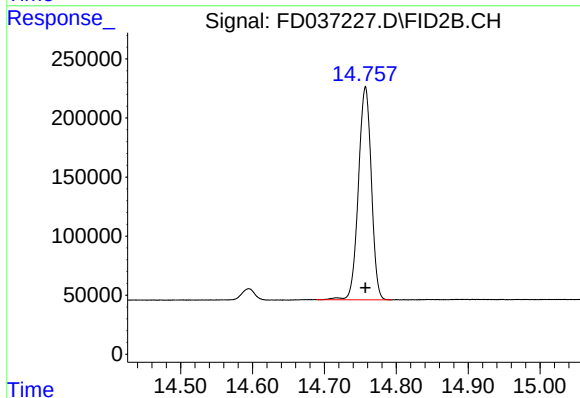
R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 1840112
Conc: 21.75 ug/ml



#13 n-Docosane (C22)

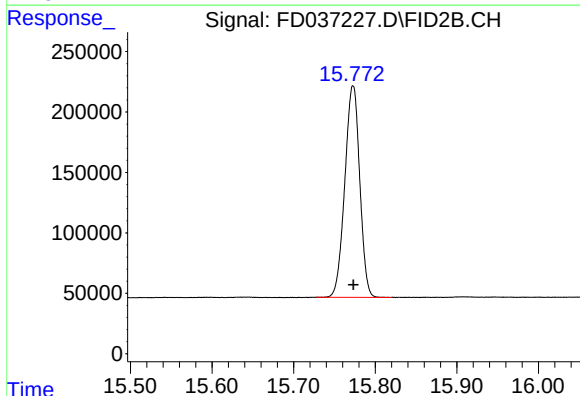
R.T.: 13.660 min
Delta R.T.: 0.000 min
Response: 2216619
Conc: 21.56 ug/ml

Instrument :
FID_D
ClientSampleId :



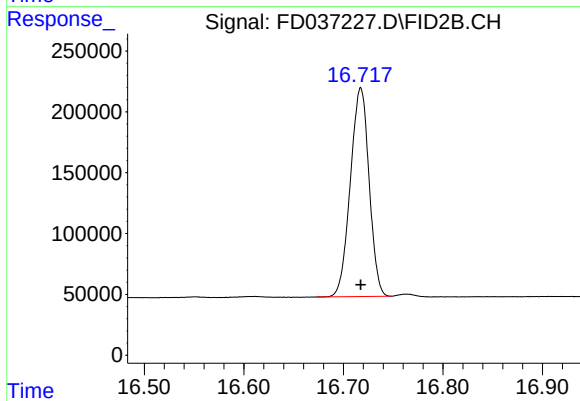
#14 n-Tetracosane (C24)

R.T.: 14.757 min
Delta R.T.: 0.000 min
Response: 2247255
Conc: 22.19 ug/ml



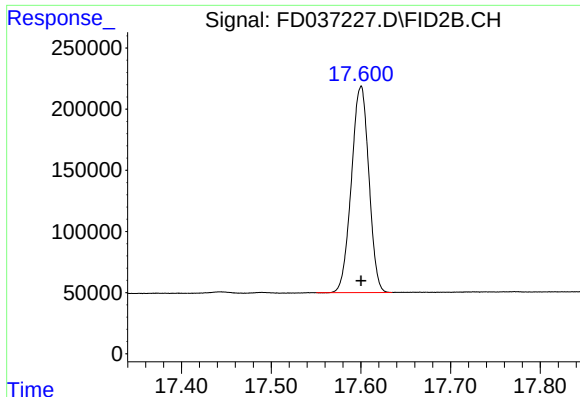
#15 n-Hexacosane (C26)

R.T.: 15.773 min
Delta R.T.: 0.000 min
Response: 2226439
Conc: 22.80 ug/ml



#16 n-Octacosane (C28)

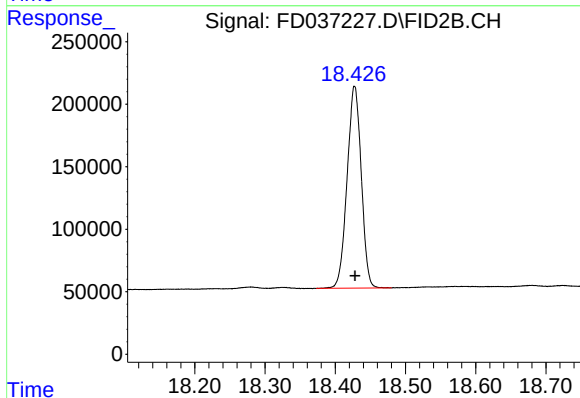
R.T.: 16.717 min
Delta R.T.: 0.000 min
Response: 2242819
Conc: 23.33 ug/ml



#17 n-Tricontane (C30)

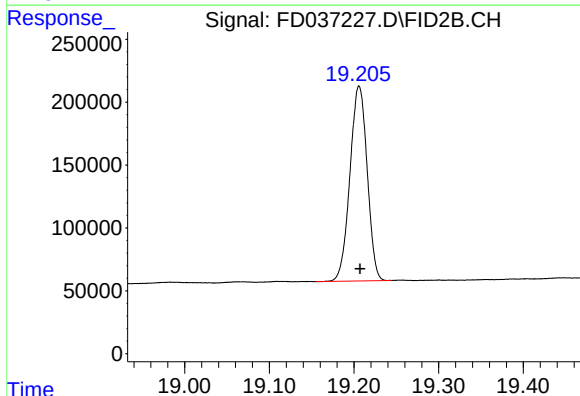
R.T.: 17.600 min
Delta R.T.: 0.000 min
Response: 2282512
Conc: 23.73 ug/ml

Instrument :
FID_D
ClientSampleId :



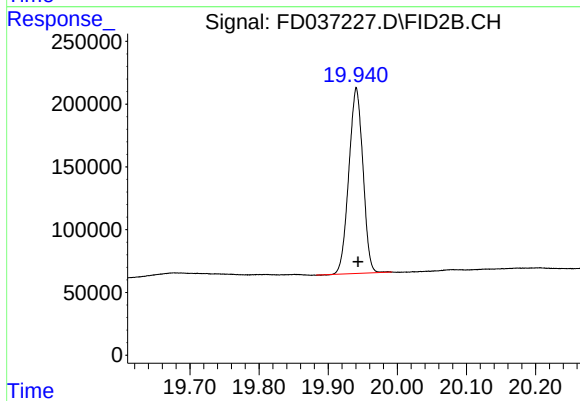
#18 n-Dotriacontane (C32)

R.T.: 18.428 min
Delta R.T.: 0.000 min
Response: 2262123
Conc: 23.00 ug/ml



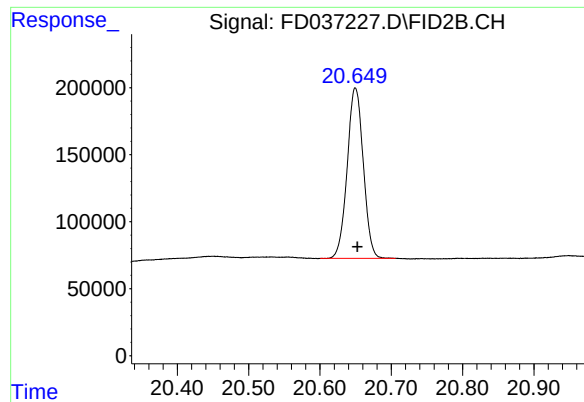
#19 n-Tetratriacontane (C34)

R.T.: 19.206 min
Delta R.T.: 0.000 min
Response: 2193371
Conc: 23.11 ug/ml



#20 n-Hexatriacontane (C36)

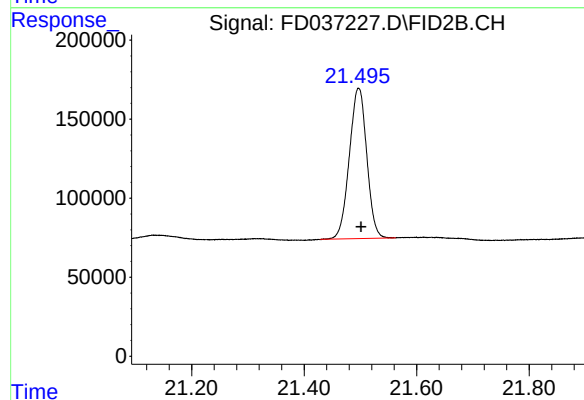
R.T.: 19.941 min
Delta R.T.: -0.003 min
Response: 2094790
Conc: 22.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.650 min
Delta R.T.: -0.003 min
Response: 1993384
Conc: 23.15 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.497 min
Delta R.T.: -0.004 min
Response: 2044151
Conc: 21.30 ug/ml