

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AL\
 Data File : FD040328.D
 Signal(s) : FID2B.CH
 Acq On : 31 Dec 2021 6:58
 Operator : AJ\MA
 Sample : M5254-01MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 31 08:15:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 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)	10.743	526328	3.379 ug/ml
Spiked Amount 50.000		Recovery =	6.76%
12) S 1-chlorooctadecane (S...	12.189	33193	0.275 ug/ml
Spiked Amount 50.000		Recovery =	0.55%
Target Compounds			
1) T n-Nonane (C9)	2.628	3542293	26.993 ug/ml
2) T n-Decane (C10)	3.619	4118759	31.116 ug/ml
3) T A~Naphthalene (C11.7)	5.157	5096884	34.543 ug/ml
4) T n-Dodecane (C12)	5.590	4609561	34.709 ug/ml
5) T A~2-methylnaphthalene...	6.197	5194779	35.008 ug/ml
6) T n-Tetradecane (C14)	7.369	5143591	37.204 ug/ml
7) T n-Hexadecane (C16)	8.956	5840358	42.594 ug/ml
8) T n-Octadecane (C18)	10.434	163244	1.156 ug/ml
10) T n-Eicosane (C20)	11.728	7958857	56.928 ug/ml
11) T n-Heneicosane (C21)	12.348	166411	1.176 ug/ml
13) T n-Docosane (C22)	12.911	237378	1.691 ug/ml
14) T n-Tetracosane (C24)	14.037	276051	1.966 ug/ml
15) T n-Hexacosane (C26)	14.992	5416942	39.394 ug/ml
16) T n-Octacosane (C28)	16.010	66947	0.492 ug/ml
17) T n-Tricontane (C30)	16.820	5146250	38.454 ug/ml
18) T n-Dotriacontane (C32)	17.647	4843363	37.417 ug/ml
19) T n-Tetratriacontane (C34)	18.498	45014	0.371 ug/ml
20) T n-Hexatriacontane (C36)	19.231	59143	0.555 ug/ml
21) T n-Octatriacontane (C38)	19.927	30632	0.332 ug/ml
22) T n-Tetracontane (C40)	20.685f	3463763	44.484 ug/ml

(f)=RT Delta > 1/2 Window

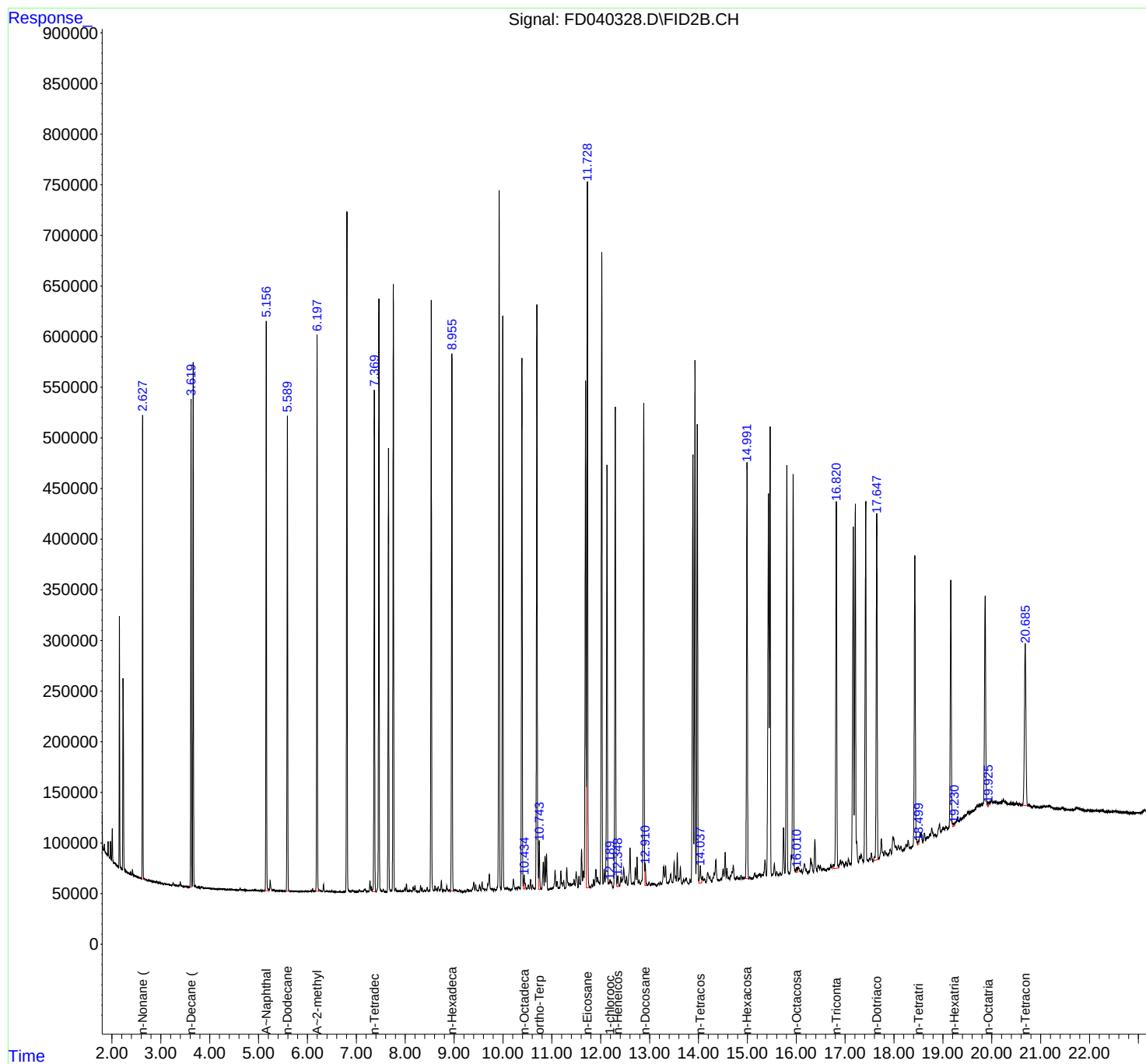
(m)=manual int.

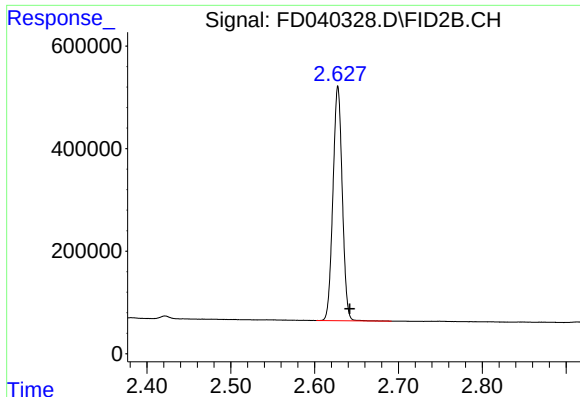
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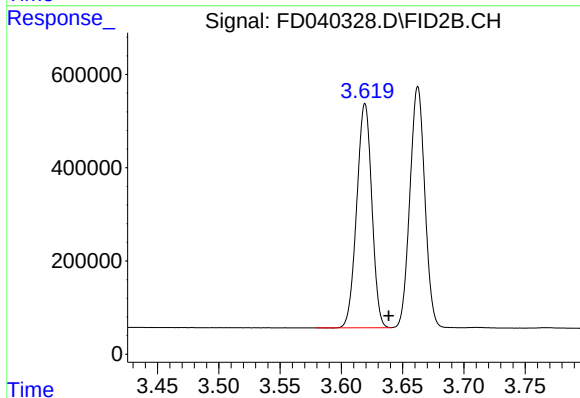




#1 n-Nonane (C9)

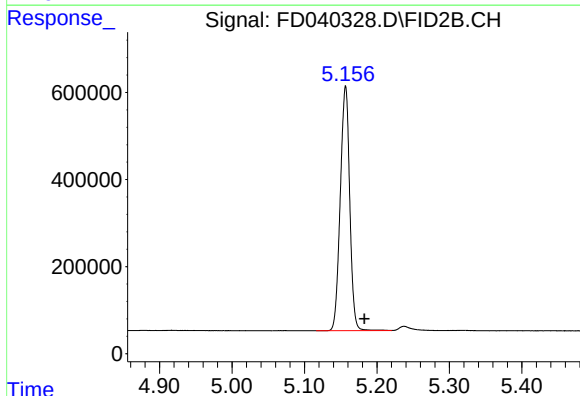
R.T.: 2.628 min
Delta R.T.: -0.014 min
Response: 3542293
Conc: 26.99 ug/ml

Instrument :
FID_D
ClientSampleId :



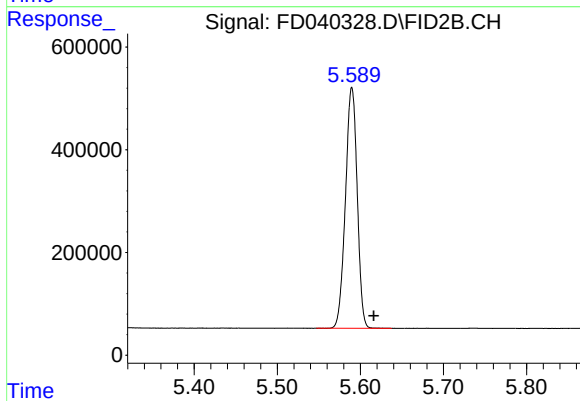
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.019 min
Response: 4118759
Conc: 31.12 ug/ml



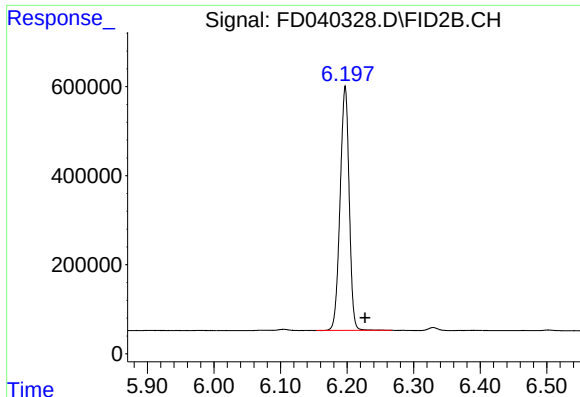
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min
Delta R.T.: -0.026 min
Response: 5096884
Conc: 34.54 ug/ml



#4 n-Dodecane (C12)

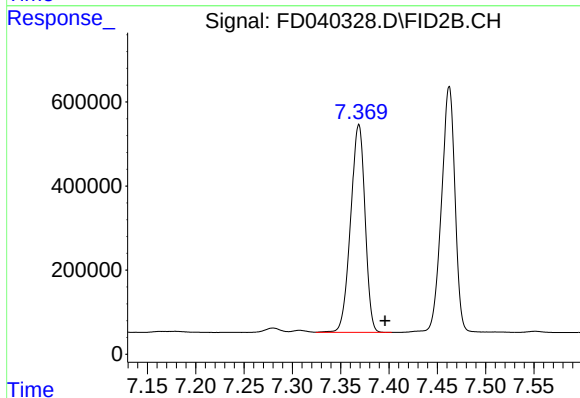
R.T.: 5.590 min
Delta R.T.: -0.026 min
Response: 4609561
Conc: 34.71 ug/ml



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

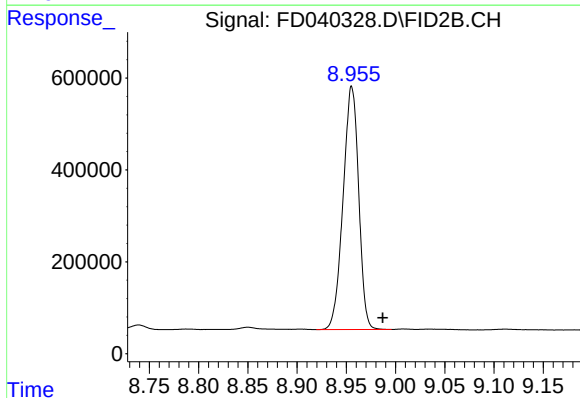
R.T.: 6.197 min
Delta R.T.: -0.030 min
Response: 5194779
Conc: 35.01 ug/ml

Instrument :
FID_D
ClientSampleId :



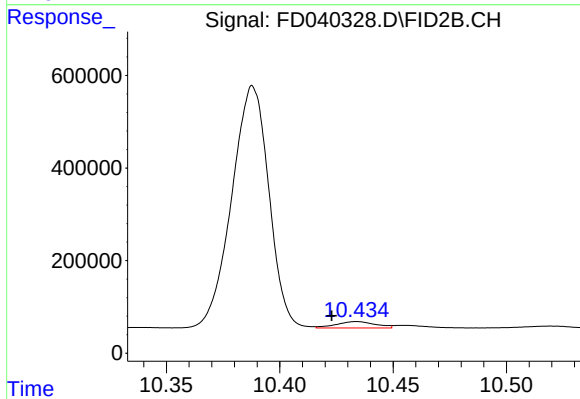
#6 n-Tetradecane (C14)

R.T.: 7.369 min
Delta R.T.: -0.027 min
Response: 5143591
Conc: 37.20 ug/ml



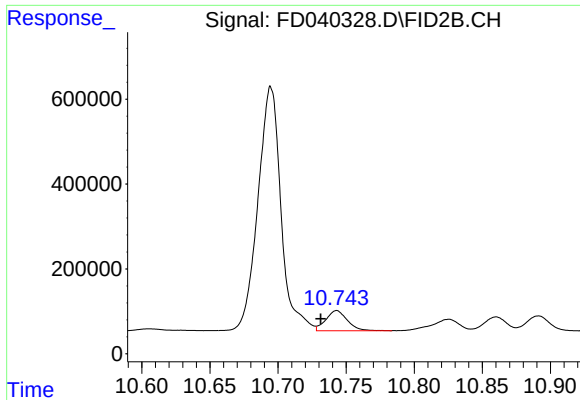
#7 n-Hexadecane (C16)

R.T.: 8.956 min
Delta R.T.: -0.031 min
Response: 5840358
Conc: 42.59 ug/ml



#8 n-Octadecane (C18)

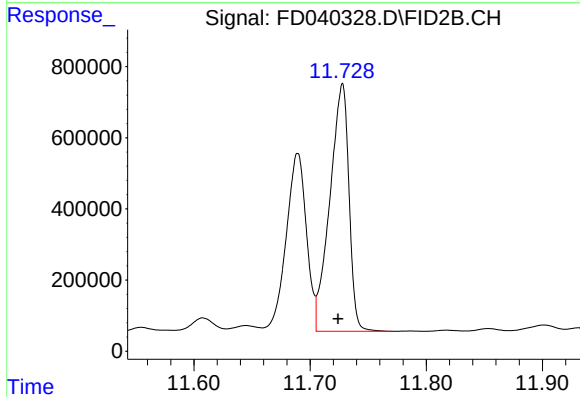
R.T.: 10.434 min
Delta R.T.: 0.011 min
Response: 163244
Conc: 1.16 ug/ml



#9 ortho-Terphenyl (SURR)

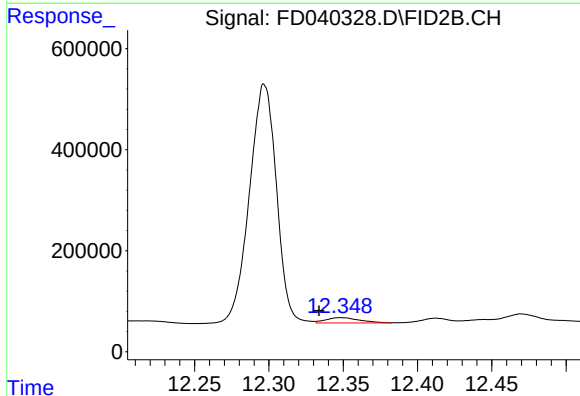
R.T.: 10.743 min
Delta R.T.: 0.012 min
Response: 526328
Conc: 3.38 ug/ml

Instrument :
FID_D
ClientSampleId :



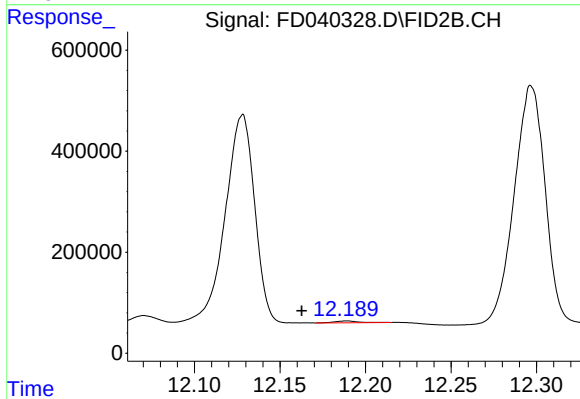
#10 n-Eicosane (C20)

R.T.: 11.728 min
Delta R.T.: 0.004 min
Response: 7958857
Conc: 56.93 ug/ml



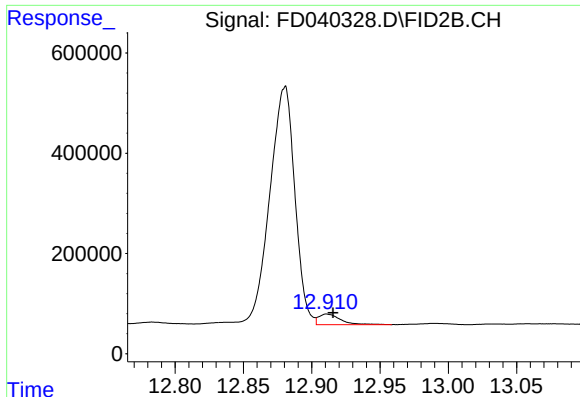
#11 n-Heneicosane (C21)

R.T.: 12.348 min
Delta R.T.: 0.015 min
Response: 166411
Conc: 1.18 ug/ml



#12 1-chlorooctadecane (SURR)

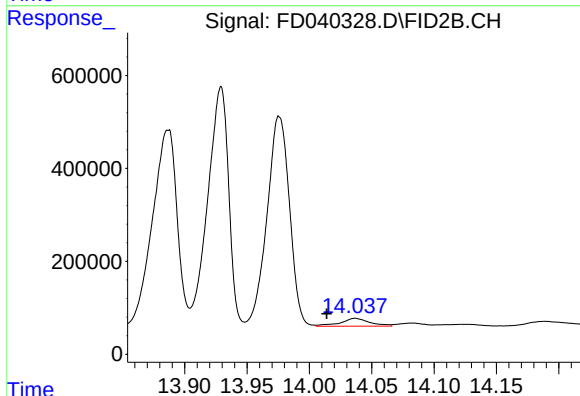
R.T.: 12.189 min
Delta R.T.: 0.026 min
Response: 33193
Conc: 0.28 ug/ml



#13 n-Docosane (C22)

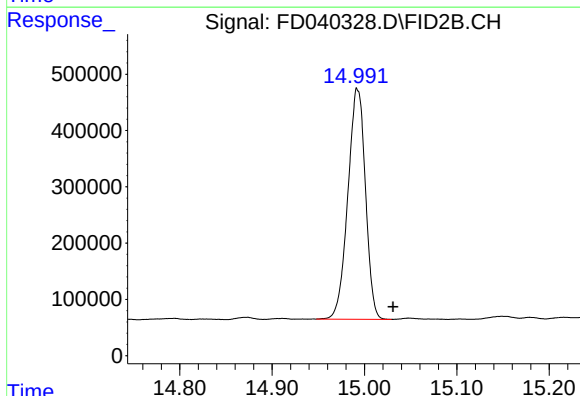
R.T.: 12.911 min
Delta R.T.: -0.005 min
Response: 237378
Conc: 1.69 ug/ml

Instrument :
FID_D
ClientSampleId :



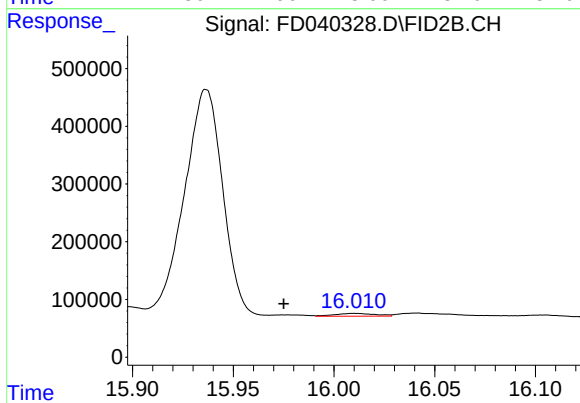
#14 n-Tetracosane (C24)

R.T.: 14.037 min
Delta R.T.: 0.023 min
Response: 276051
Conc: 1.97 ug/ml



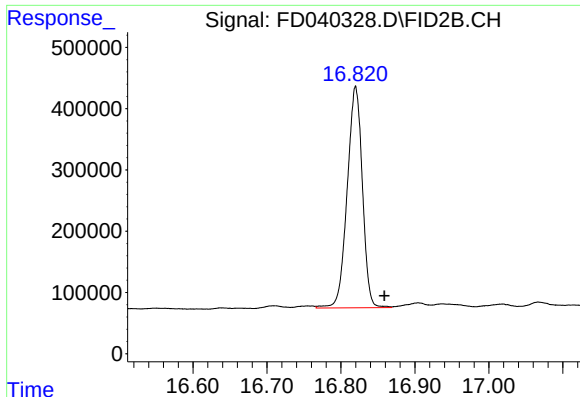
#15 n-Hexacosane (C26)

R.T.: 14.992 min
Delta R.T.: -0.038 min
Response: 5416942
Conc: 39.39 ug/ml



#16 n-Octacosane (C28)

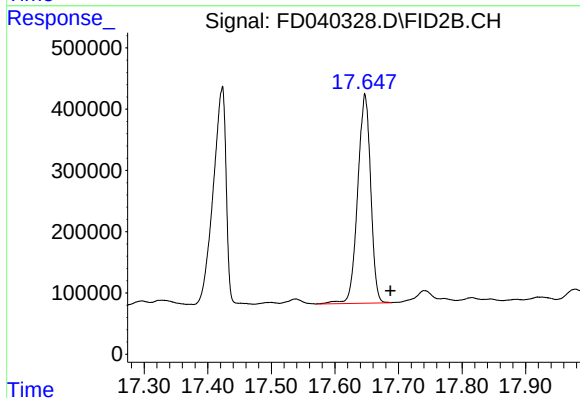
R.T.: 16.010 min
Delta R.T.: 0.035 min
Response: 66947
Conc: 0.49 ug/ml



#17 n-Tricontane (C30)

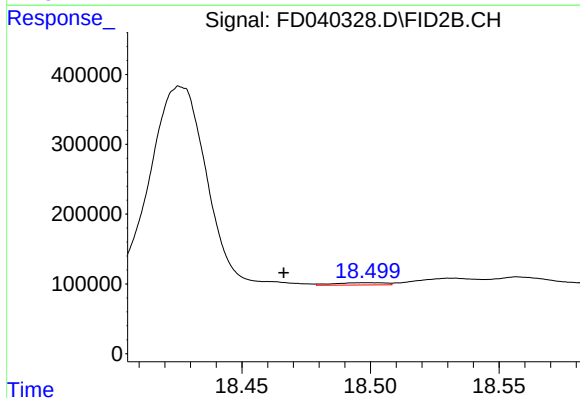
R.T.: 16.820 min
Delta R.T.: -0.039 min
Response: 5146250
Conc: 38.45 ug/ml

Instrument :
FID_D
ClientSampleId :



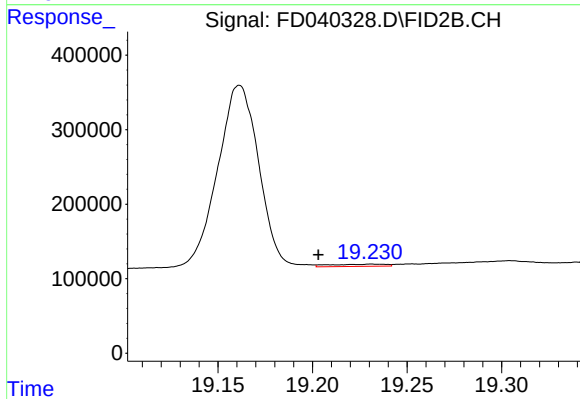
#18 n-Dotriacontane (C32)

R.T.: 17.647 min
Delta R.T.: -0.040 min
Response: 4843363
Conc: 37.42 ug/ml



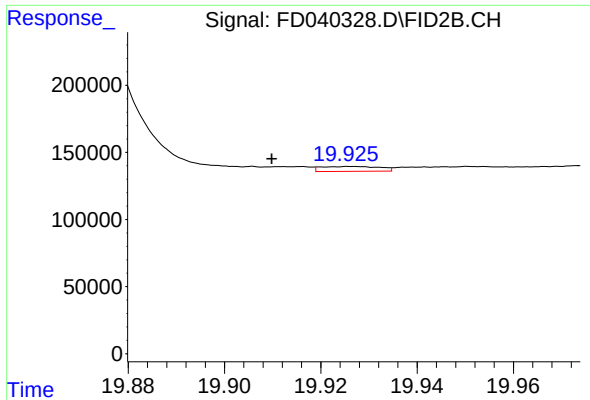
#19 n-Tetratriacontane (C34)

R.T.: 18.498 min
Delta R.T.: 0.032 min
Response: 45014
Conc: 0.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.231 min
Delta R.T.: 0.028 min
Response: 59143
Conc: 0.55 ug/ml



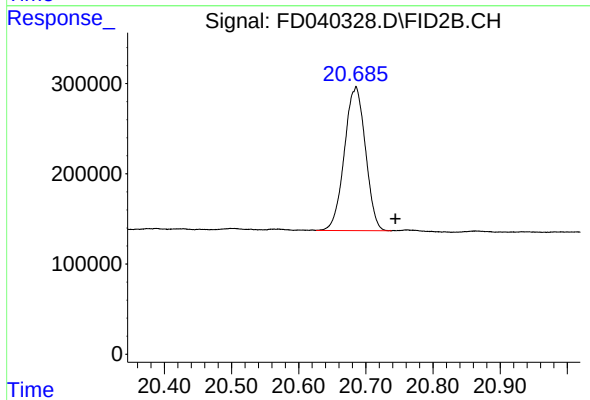
#21 n-Octatriacontane (C38)

R.T.: 19.927 min
Delta R.T.: 0.017 min
Response: 30632
Conc: 0.33 ug/ml

Instrument :

FID_D

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.685 min
Delta R.T.: -0.059 min
Response: 3463763
Conc: 44.48 ug/ml