

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083021AL\
 Data File : FD038722.D
 Signal(s) : FID2B.CH
 Acq On : 31 Aug 2021 4:24
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 31 06:03:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 04:44:01 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)	11.677	1489200	10.281 ug/ml
Spiked Amount 50.000		Recovery =	20.56%
12) S 1-chlorooctadecane (S...	13.104	1179585	10.296 ug/ml
Spiked Amount 50.000		Recovery =	20.59%
Target Compounds			
1) T n-Nonane (C9)	3.439	1291741	10.273 ug/ml
2) T n-Decane (C10)	4.508	1313317	10.274 ug/ml
3) T A~Naphthalene (C11.7)	6.099	1477904	10.283 ug/ml
4) T n-Dodecane (C12)	6.524	1335666	10.310 ug/ml
5) T A~2-methylnaphthalene...	7.152	1503282	10.304 ug/ml
6) T n-Tetradecane (C14)	8.316	1371871	10.315 ug/ml
7) T n-Hexadecane (C16)	9.914	1390704	10.313 ug/ml
8) T n-Octadecane (C18)	11.352	1420597	10.312 ug/ml
10) T n-Eicosane (C20)	12.659	1401439	10.320 ug/ml
11) T n-Heneicosane (C21)	13.269	1412366	10.345 ug/ml
13) T n-Docosane (C22)	13.853	1382779	10.302 ug/ml
14) T n-Tetracosane (C24)	14.953	1353465	10.285 ug/ml
15) T n-Hexacosane (C26)	15.969	1280544	10.245 ug/ml
16) T n-Octacosane (C28)	16.916	1219212	10.237 ug/ml
17) T n-Tricontane (C30)	17.800	1159274	10.305 ug/ml
18) T n-Dotriacontane (C32)	18.628	1100990	10.436 ug/ml
19) T n-Tetratriacontane (C34)	19.407	1059109	10.376 ug/ml
20) T n-Hexatriacontane (C36)	20.143	995942	10.318 ug/ml
21) T n-Octatriacontane (C38)	20.886	961778	10.369 ug/ml
22) T n-Tetracontane (C40)	21.817	957431	10.206 ug/ml

(f)=RT Delta > 1/2 Window

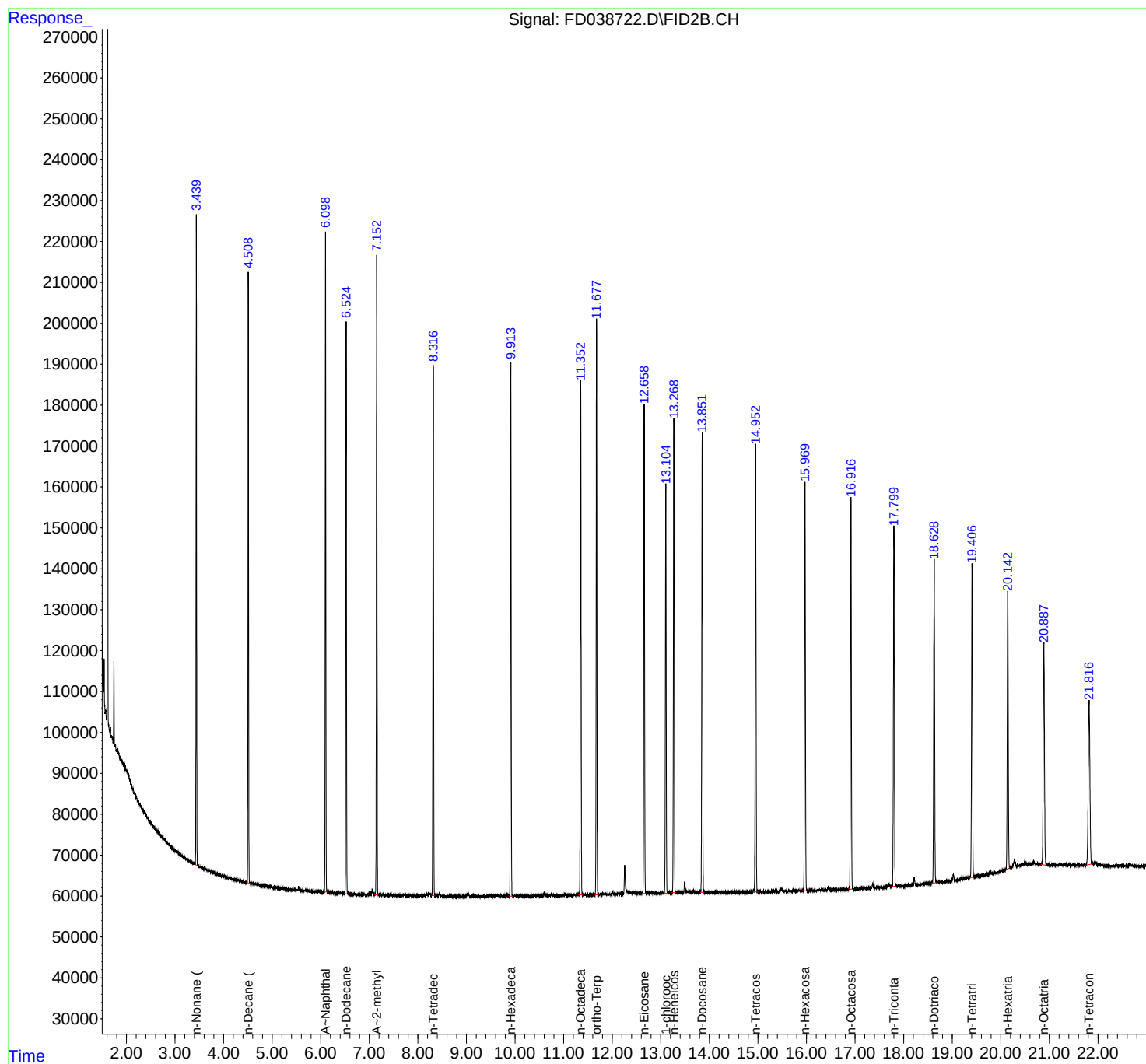
(m)=manual int.

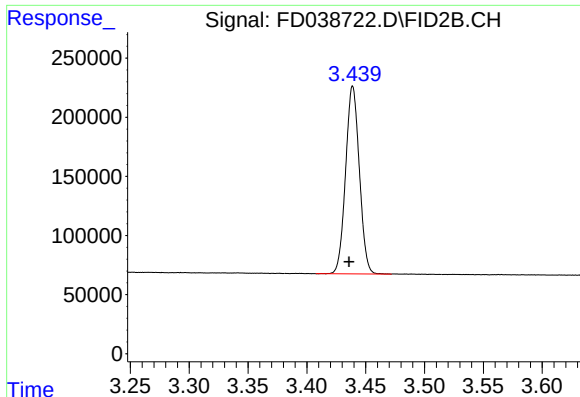
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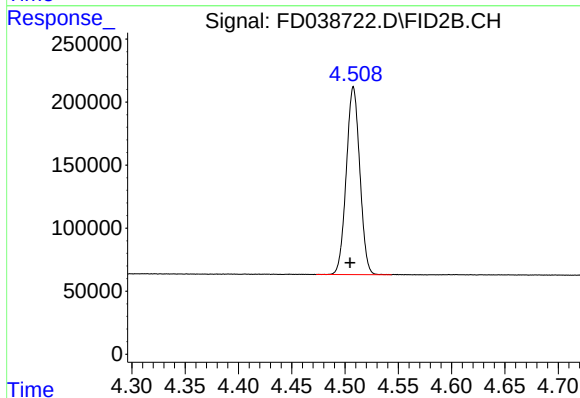




#1 n-Nonane (C9)

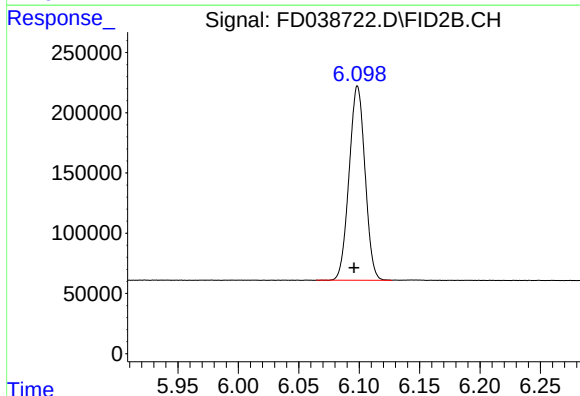
R.T.: 3.439 min
Delta R.T.: 0.003 min
Response: 1291741
Conc: 10.27 ug/ml

Instrument :
FID_D
ClientSampleId :



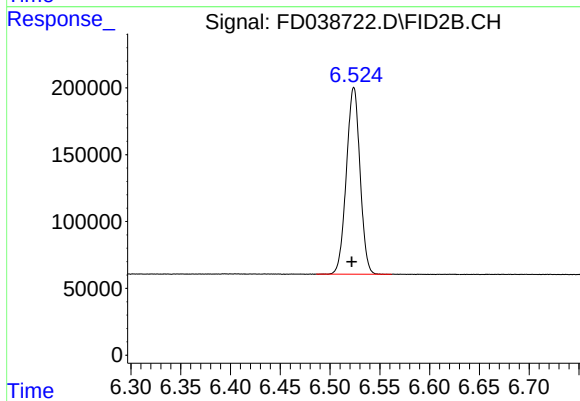
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: 0.003 min
Response: 1313317
Conc: 10.27 ug/ml



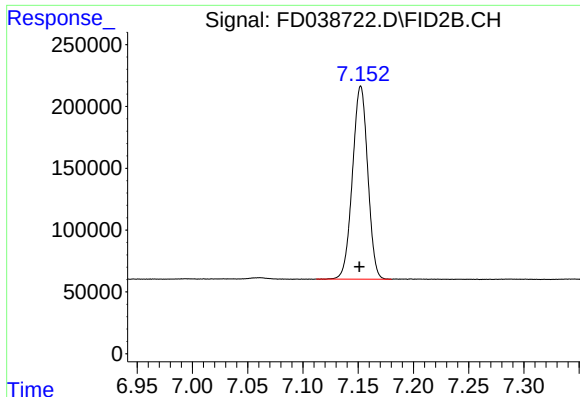
#3 A~Naphthalene (C11.7)

R.T.: 6.099 min
Delta R.T.: 0.003 min
Response: 1477904
Conc: 10.28 ug/ml



#4 n-Dodecane (C12)

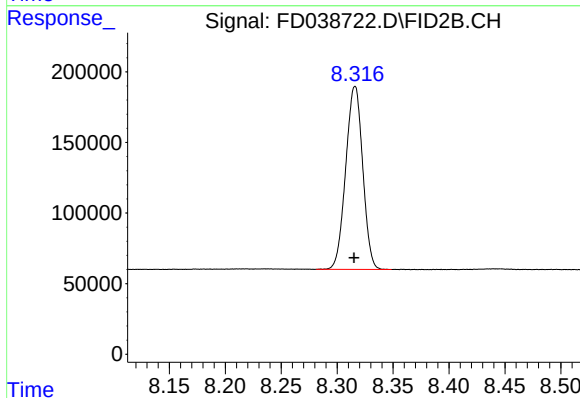
R.T.: 6.524 min
Delta R.T.: 0.002 min
Response: 1335666
Conc: 10.31 ug/ml



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

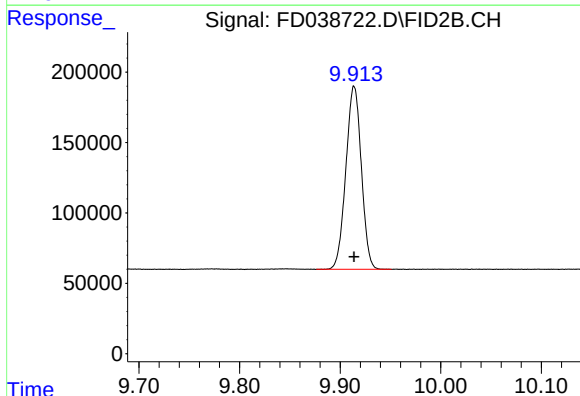
R.T.: 7.152 min
Delta R.T.: 0.001 min
Response: 1503282
Conc: 10.30 ug/ml

Instrument :
FID_D
ClientSampleId :



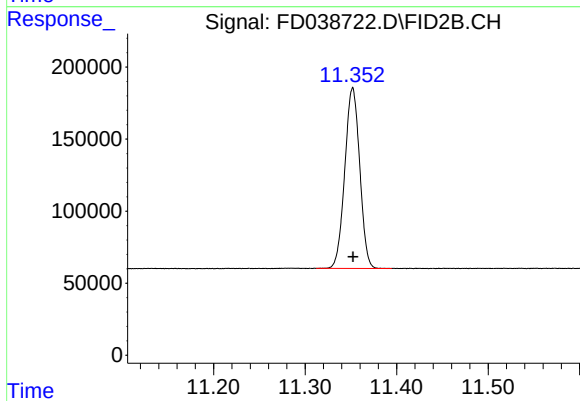
#6 n-Tetradecane (C14)

R.T.: 8.316 min
Delta R.T.: 0.000 min
Response: 1371871
Conc: 10.32 ug/ml



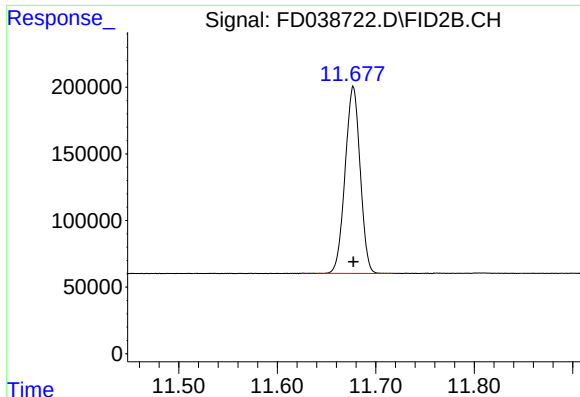
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 1390704
Conc: 10.31 ug/ml



#8 n-Octadecane (C18)

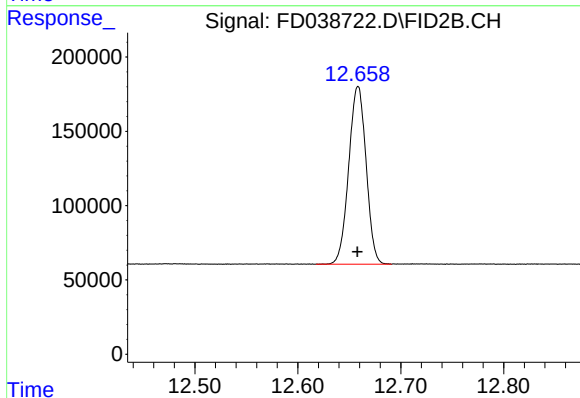
R.T.: 11.352 min
Delta R.T.: 0.000 min
Response: 1420597
Conc: 10.31 ug/ml



#9 ortho-Terphenyl (SURR)

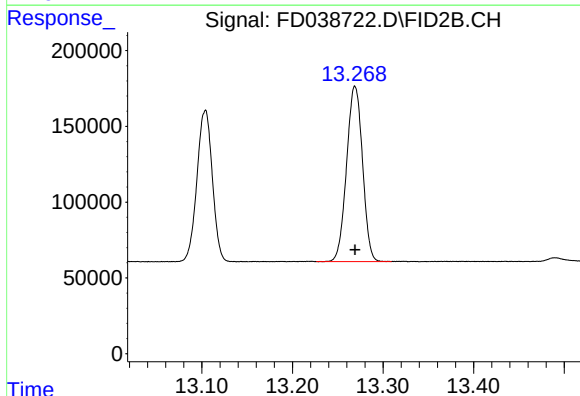
R.T.: 11.677 min
Delta R.T.: 0.000 min
Response: 1489200
Conc: 10.28 ug/ml

Instrument :
FID_D
ClientSampleId :



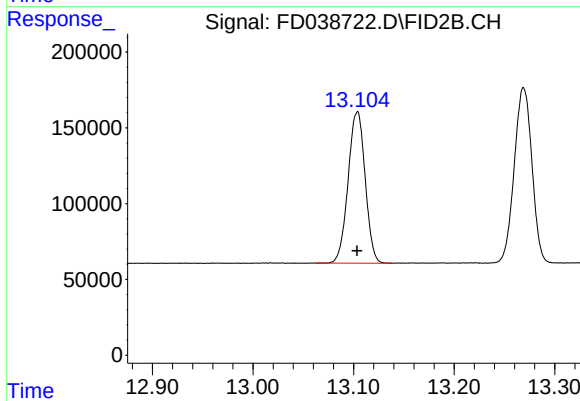
#10 n-Eicosane (C20)

R.T.: 12.659 min
Delta R.T.: 0.000 min
Response: 1401439
Conc: 10.32 ug/ml



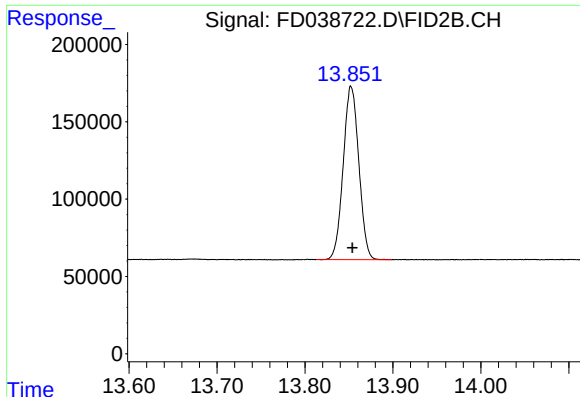
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: 0.000 min
Response: 1412366
Conc: 10.35 ug/ml



#12 1-chlorooctadecane (SURR)

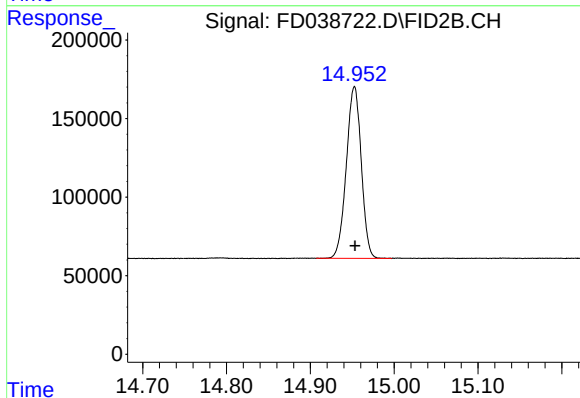
R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 1179585
Conc: 10.30 ug/ml



#13 n-Docosane (C22)

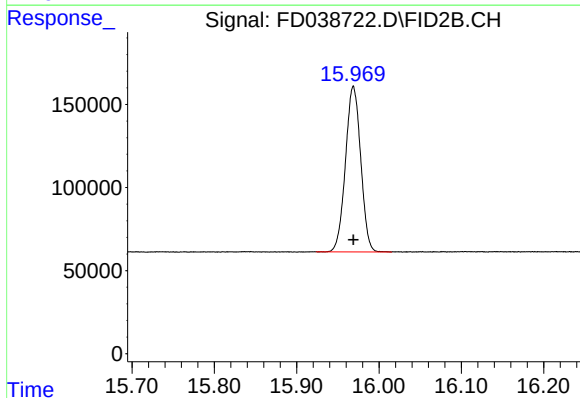
R.T.: 13.853 min
Delta R.T.: -0.001 min
Response: 1382779
Conc: 10.30 ug/ml

Instrument :
FID_D
ClientSampleId :



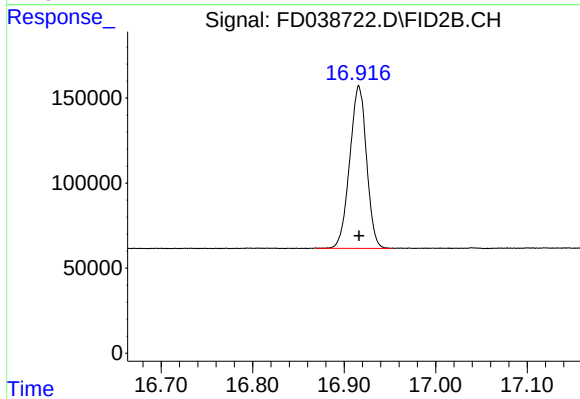
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: 0.000 min
Response: 1353465
Conc: 10.28 ug/ml



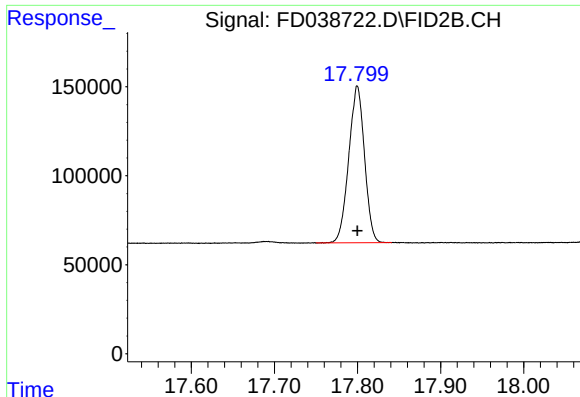
#15 n-Hexacosane (C26)

R.T.: 15.969 min
Delta R.T.: 0.000 min
Response: 1280544
Conc: 10.25 ug/ml



#16 n-Octacosane (C28)

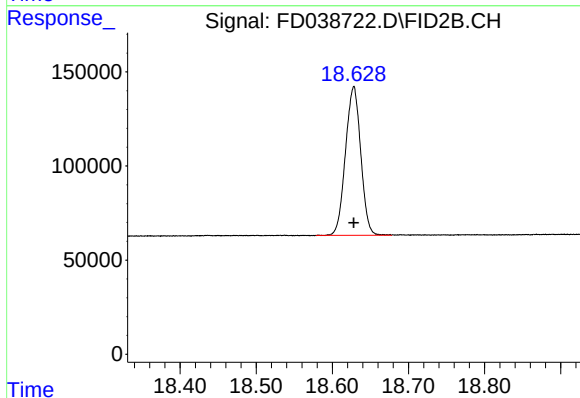
R.T.: 16.916 min
Delta R.T.: 0.000 min
Response: 1219212
Conc: 10.24 ug/ml



#17 n-Tricontane (C30)

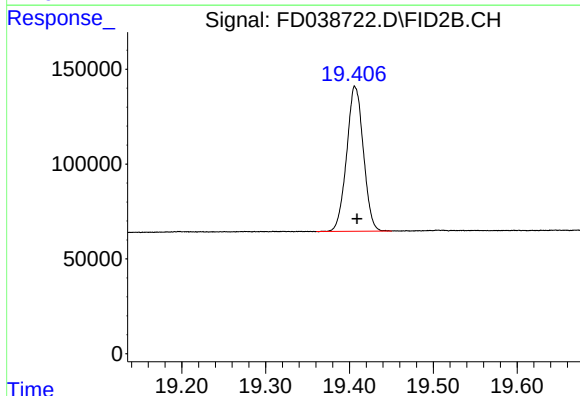
R.T.: 17.800 min
Delta R.T.: 0.000 min
Response: 1159274
Conc: 10.30 ug/ml

Instrument :
FID_D
ClientSampleId :



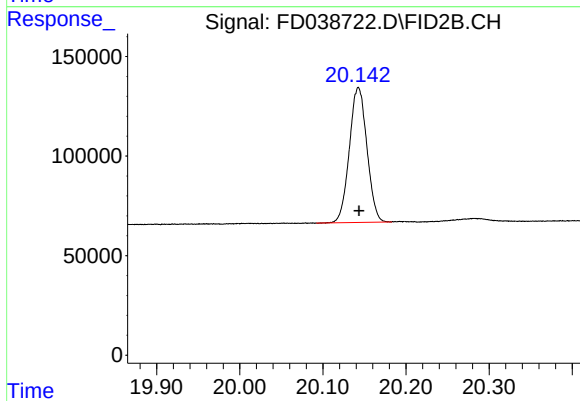
#18 n-Dotriacontane (C32)

R.T.: 18.628 min
Delta R.T.: 0.000 min
Response: 1100990
Conc: 10.44 ug/ml



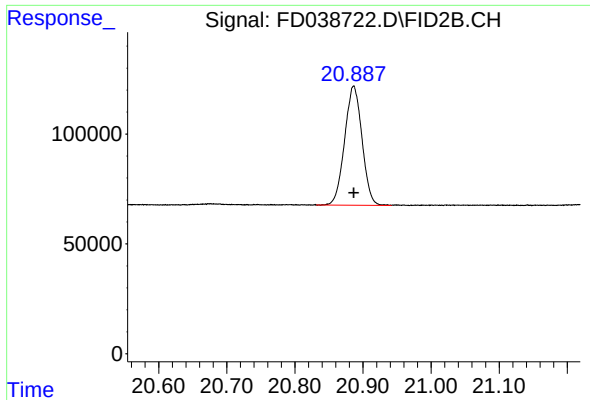
#19 n-Tetratriacontane (C34)

R.T.: 19.407 min
Delta R.T.: -0.002 min
Response: 1059109
Conc: 10.38 ug/ml



#20 n-Hexatriacontane (C36)

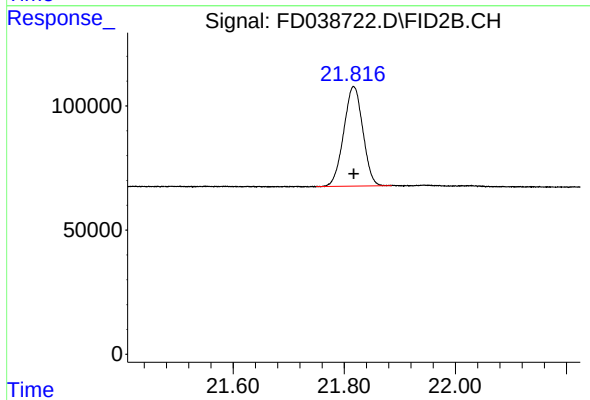
R.T.: 20.143 min
Delta R.T.: 0.000 min
Response: 995942
Conc: 10.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.886 min
Delta R.T.: 0.000 min
Response: 961778
Conc: 10.37 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.817 min
Delta R.T.: 0.000 min
Response: 957431
Conc: 10.21 ug/ml