

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030922AL\
 Data File : FD041474.D
 Signal(s) : FID2B.CH
 Acq On : 10 Mar 2022 4:23
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 10 05:11:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 2022
 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)	11.242	3372783	19.444 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
12) S 1-chlorooctadecane (S...	12.682	2619308	19.347 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
Target Compounds			
1) T n-Nonane (C9)	3.104	3059111	21.008 ug/ml
2) T n-Decane (C10)	4.150	3044491	21.085 ug/ml
3) T A~Naphthalene (C11.7)	5.702	3360530	21.037 ug/ml
4) T n-Dodecane (C12)	6.148	3142355	21.217 ug/ml
5) T A~2-methylnaphthalene...	6.748	3377442	21.105 ug/ml
6) T n-Tetradecane (C14)	7.925	3167226	21.156 ug/ml
7) T n-Hexadecane (C16)	9.513	3171262	20.832 ug/ml
8) T n-Octadecane (C18)	10.943	3157286	20.313 ug/ml
10) T n-Eicosane (C20)	12.244	3074906	19.807 ug/ml
11) T n-Heneicosane (C21)	12.852	3072826	19.624 ug/ml
13) T n-Docosane (C22)	13.434	2996907	19.136 ug/ml
14) T n-Tetracosane (C24)	14.530	2892384	18.440 ug/ml
15) T n-Hexacosane (C26)	15.545	2760085	17.964 ug/ml
16) T n-Octacosane (C28)	16.490	2659828	17.872 ug/ml
17) T n-Tricontane (C30)	17.373	2566703	18.242 ug/ml
18) T n-Dotriacontane (C32)	18.200	2432575	19.120 ug/ml
19) T n-Tetratriacontane (C34)	18.980	2298208	20.178 ug/ml
20) T n-Hexatriacontane (C36)	19.716	2184923	21.318 ug/ml
21) T n-Octatriacontane (C38)	20.413	2117626	22.304 ug/ml
22) T n-Tetracontane (C40)	21.200	2133338	22.510 ug/ml

(f)=RT Delta > 1/2 Window

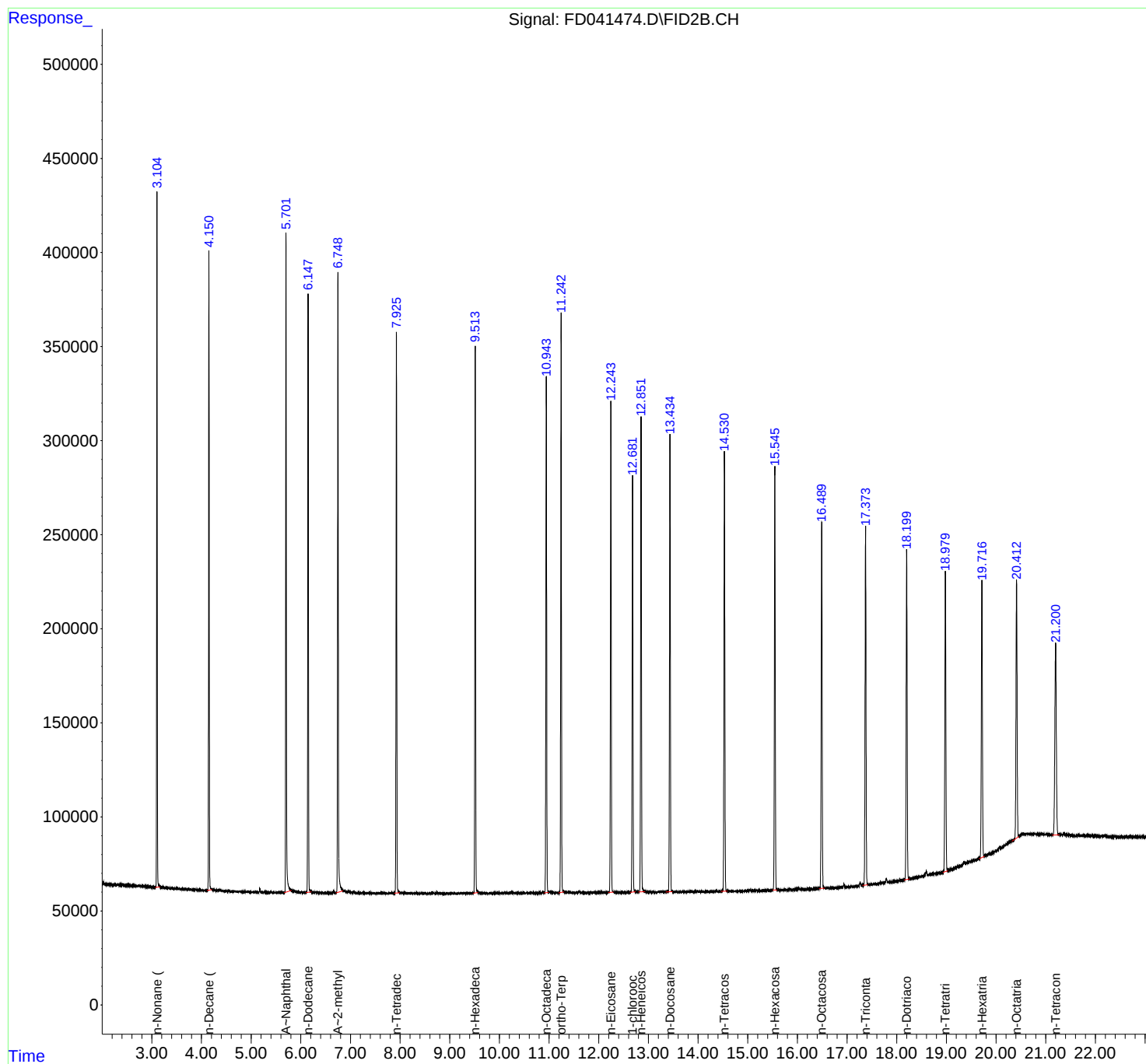
(m)=manual int.

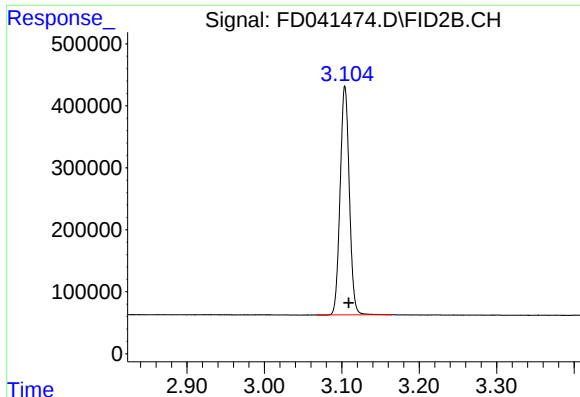
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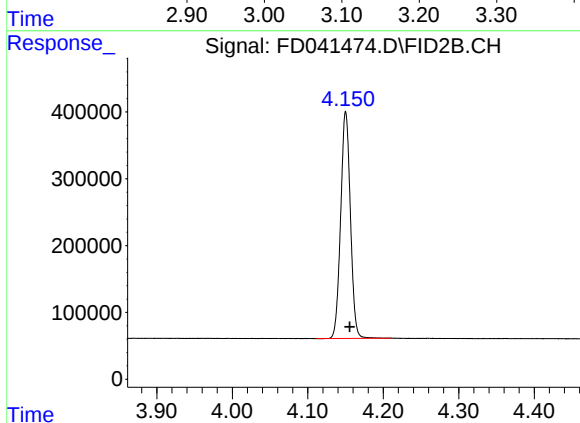




#1 n-Nonane (C9)

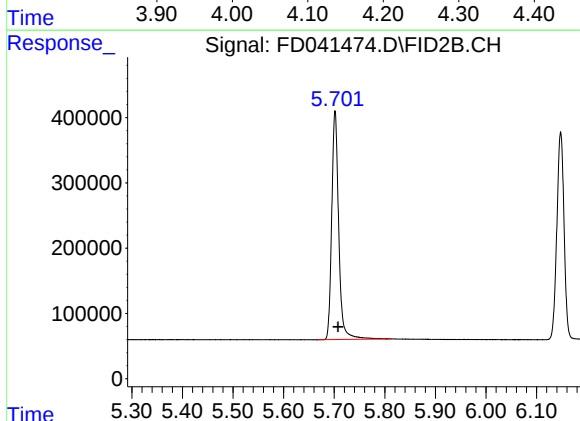
R.T.: 3.104 min
Delta R.T.: -0.005 min
Response: 3059111
Conc: 21.01 ug/ml

Instrument :
FID_D
ClientSampleId :



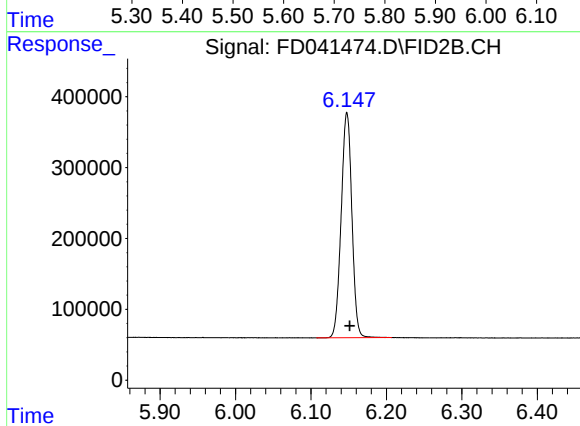
#2 n-Decane (C10)

R.T.: 4.150 min
Delta R.T.: -0.005 min
Response: 3044491
Conc: 21.08 ug/ml



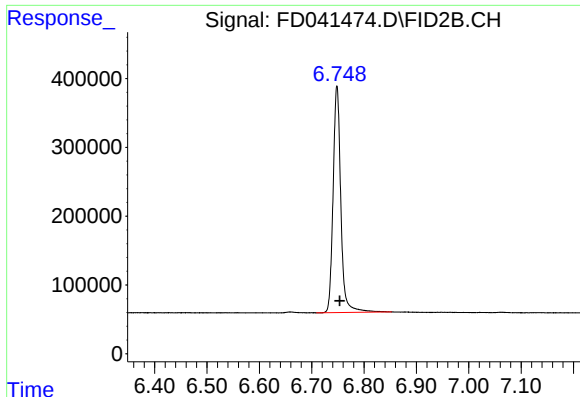
#3 A~Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: -0.006 min
Response: 3360530
Conc: 21.04 ug/ml



#4 n-Dodecane (C12)

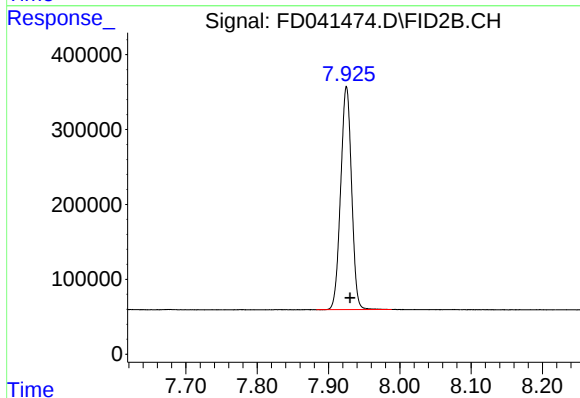
R.T.: 6.148 min
Delta R.T.: -0.004 min
Response: 3142355
Conc: 21.22 ug/ml



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

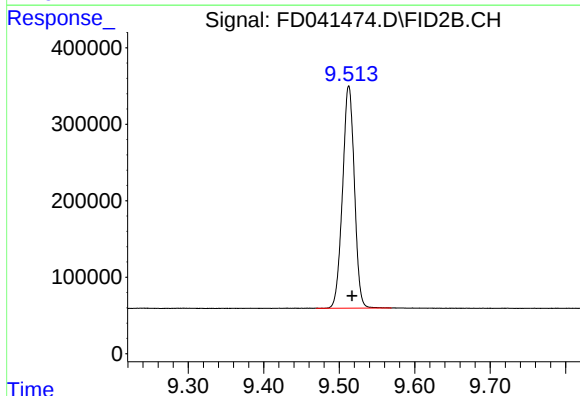
R.T.: 6.748 min
Delta R.T.: -0.005 min
Response: 3377442
Conc: 21.11 ug/ml

Instrument :
FID_D
ClientSampleId :



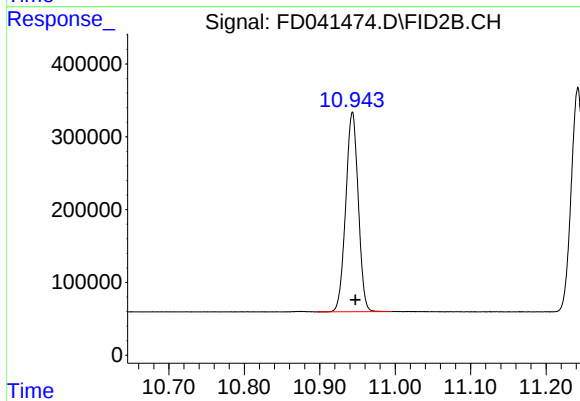
#6 n-Tetradecane (C14)

R.T.: 7.925 min
Delta R.T.: -0.005 min
Response: 3167226
Conc: 21.16 ug/ml



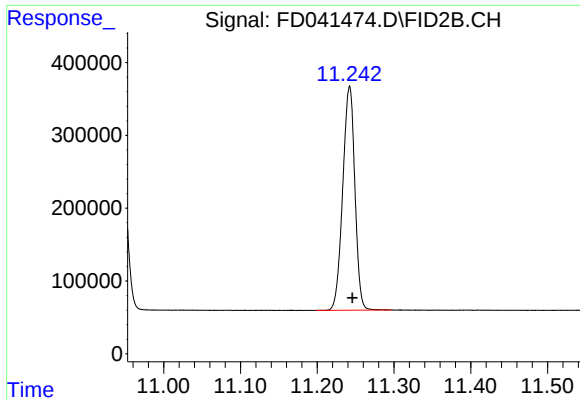
#7 n-Hexadecane (C16)

R.T.: 9.513 min
Delta R.T.: -0.004 min
Response: 3171262
Conc: 20.83 ug/ml



#8 n-Octadecane (C18)

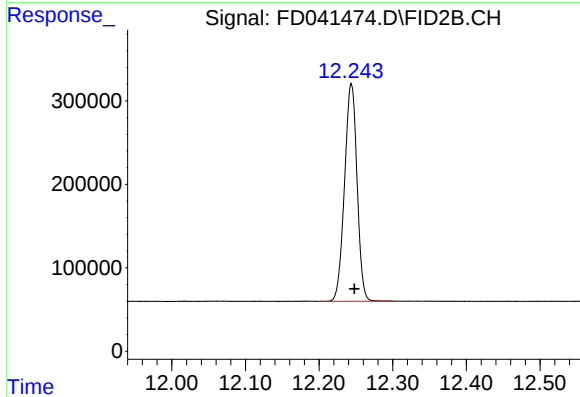
R.T.: 10.943 min
Delta R.T.: -0.004 min
Response: 3157286
Conc: 20.31 ug/ml



#9 ortho-Terphenyl (SURR)

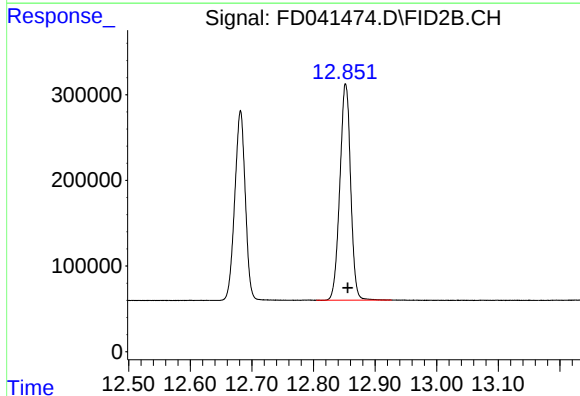
R.T.: 11.242 min
Delta R.T.: -0.003 min
Response: 3372783
Conc: 19.44 ug/ml

Instrument :
FID_D
ClientSampleId :



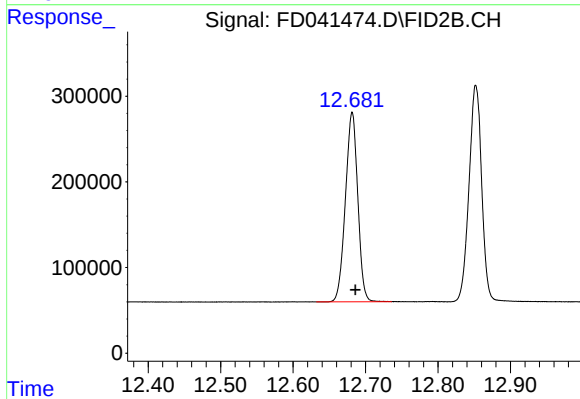
#10 n-Eicosane (C20)

R.T.: 12.244 min
Delta R.T.: -0.004 min
Response: 3074906
Conc: 19.81 ug/ml



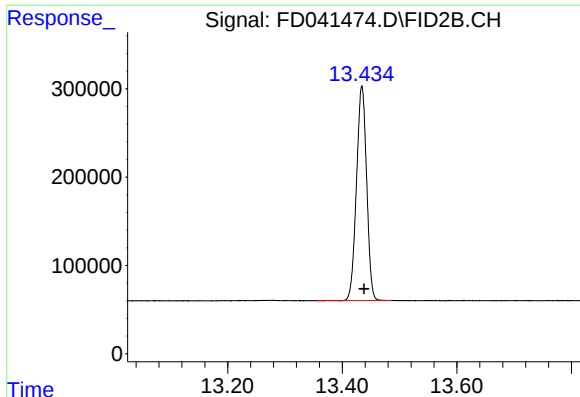
#11 n-Heneicosane (C21)

R.T.: 12.852 min
Delta R.T.: -0.004 min
Response: 3072826
Conc: 19.62 ug/ml



#12 1-chlorooctadecane (SURR)

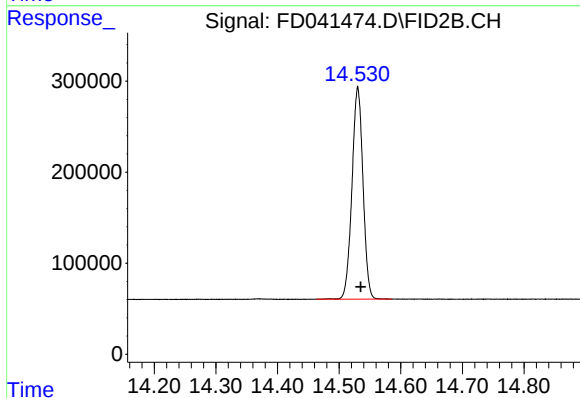
R.T.: 12.682 min
Delta R.T.: -0.004 min
Response: 2619308
Conc: 19.35 ug/ml



#13 n-Docosane (C22)

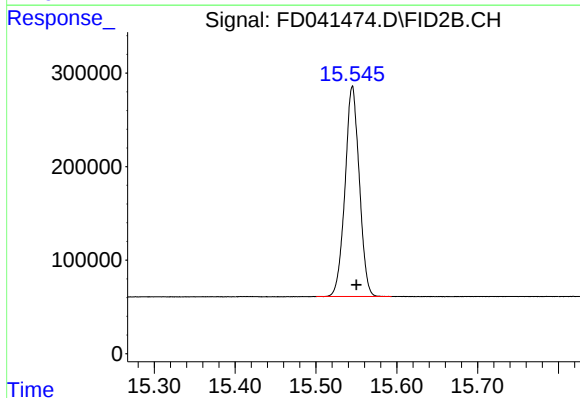
R.T.: 13.434 min
Delta R.T.: -0.003 min
Response: 2996907
Conc: 19.14 ug/ml

Instrument :
FID_D
ClientSampleId :



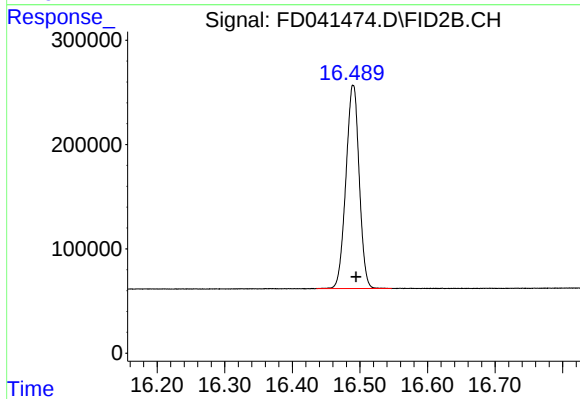
#14 n-Tetracosane (C24)

R.T.: 14.530 min
Delta R.T.: -0.004 min
Response: 2892384
Conc: 18.44 ug/ml



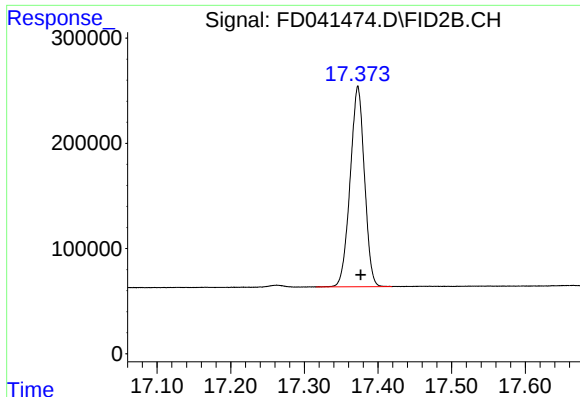
#15 n-Hexacosane (C26)

R.T.: 15.545 min
Delta R.T.: -0.005 min
Response: 2760085
Conc: 17.96 ug/ml



#16 n-Octacosane (C28)

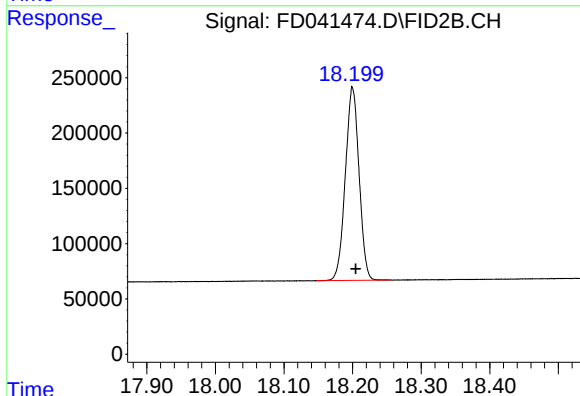
R.T.: 16.490 min
Delta R.T.: -0.004 min
Response: 2659828
Conc: 17.87 ug/ml



#17 n-Tricontane (C30)

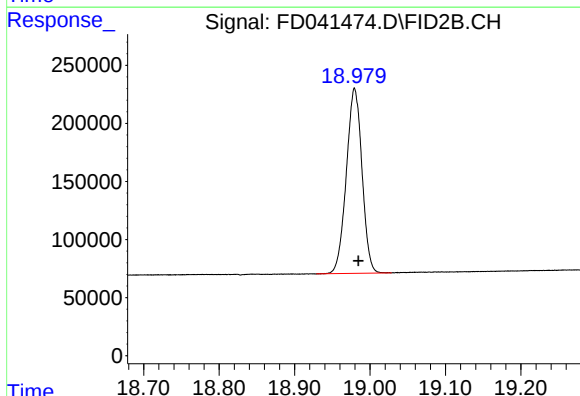
R.T.: 17.373 min
Delta R.T.: -0.004 min
Response: 2566703
Conc: 18.24 ug/ml

Instrument :
FID_D
ClientSampleId :



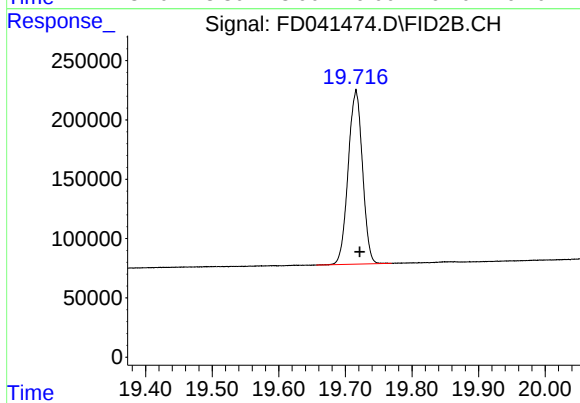
#18 n-Dotriacontane (C32)

R.T.: 18.200 min
Delta R.T.: -0.005 min
Response: 2432575
Conc: 19.12 ug/ml



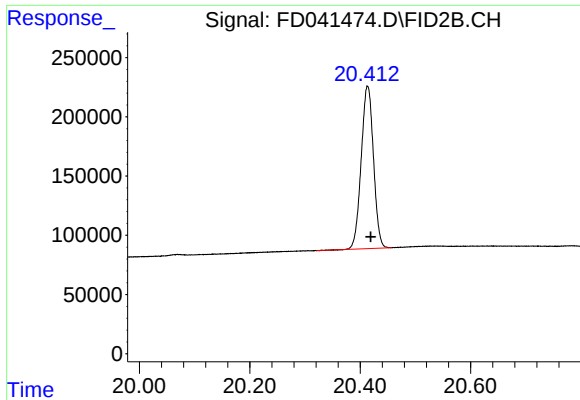
#19 n-Tetratriacontane (C34)

R.T.: 18.980 min
Delta R.T.: -0.005 min
Response: 2298208
Conc: 20.18 ug/ml



#20 n-Hexatriacontane (C36)

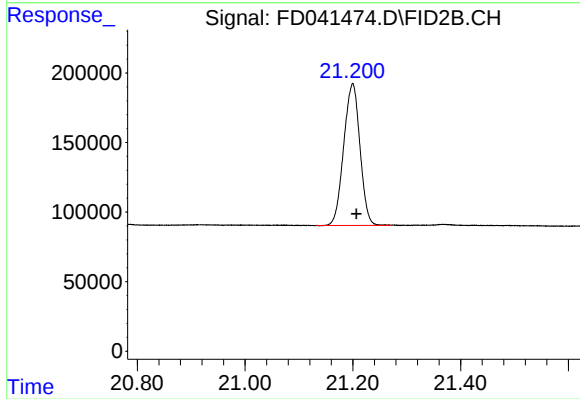
R.T.: 19.716 min
Delta R.T.: -0.005 min
Response: 2184923
Conc: 21.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.413 min
Delta R.T.: -0.006 min
Response: 2117626
Conc: 22.30 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.200 min
Delta R.T.: -0.007 min
Response: 2133338
Conc: 22.51 ug/ml