

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100923AL\
 Data File : FD046685.D
 Signal(s) : FID2B.ch
 Acq On : 09 Oct 2023 09:23
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 09 23:46:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 05:12:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.384	4218092	19.818 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
12) S 1-chlorooctadecane (S...	12.819	2887427	18.324 ug/ml
Spiked Amount 50.000		Recovery =	36.65%
Target Compounds			
1) T n-Nonane (C9)	3.217	3242952	19.611 ug/ml
2) T n-Decane (C10)	4.270	3272600	19.414 ug/ml
3) T A~Naphthalene (C11.7)	5.830	3635778	19.466 ug/ml
4) T n-Dodecane (C12)	6.272	3306440	19.466 ug/ml
5) T A~2-methylnaphthalene...	6.879	3548532	19.637 ug/ml
6) T n-Tetradecane (C14)	8.056	3289840	19.442 ug/ml
7) T n-Hexadecane (C16)	9.647	3382193	19.145 ug/ml
8) T n-Octadecane (C18)	11.080	3483221	18.999 ug/ml
10) T n-Eicosane (C20)	12.380	3429530	18.969 ug/ml
11) T n-Heneicosane (C21)	12.988	3416991	19.003 ug/ml
13) T n-Docosane (C22)	13.570	3404330	18.848 ug/ml
14) T n-Tetracosane (C24)	14.665	3397556	18.535 ug/ml
15) T n-Hexacosane (C26)	15.677	3284930	18.359 ug/ml
16) T n-Octacosane (C28)	16.621	3142007	18.204 ug/ml
17) T n-Tricontane (C30)	17.501	3031954	17.634 ug/ml
18) T n-Dotriacontane (C32)	18.327	2855625	17.462 ug/ml
19) T n-Tetratriacontane (C34)	19.103	2618024	16.798 ug/ml
20) T n-Hexatriacontane (C36)	19.836	2409926	17.140 ug/ml
21) T n-Octatriacontane (C38)	20.536	2153665	16.085 ug/ml
22) T n-Tetracontane (C40)	21.349	1895899	14.998 ug/ml

(f)=RT Delta > 1/2 Window

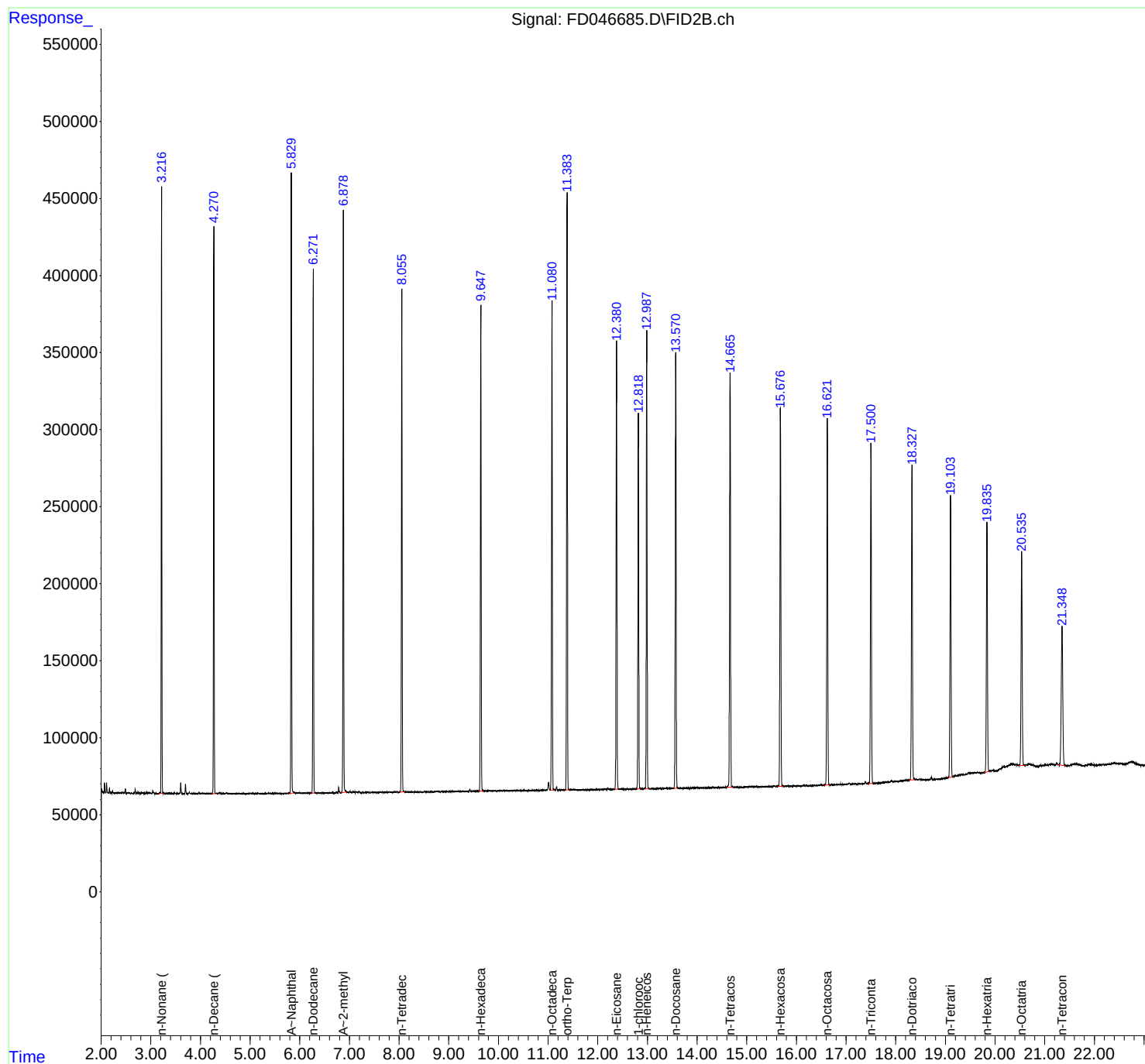
(m)=manual int.

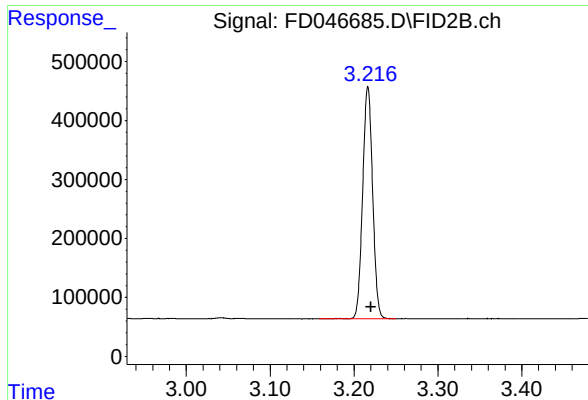
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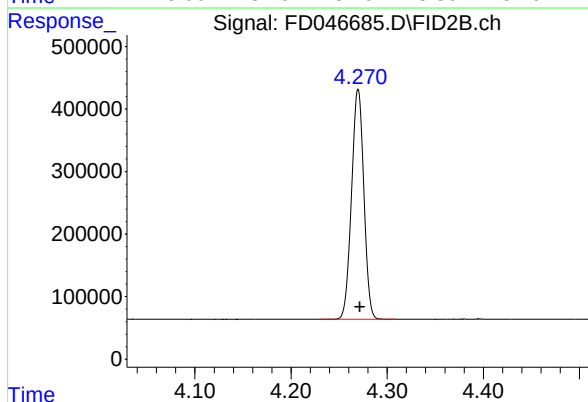




#1 n-Nonane (C9)

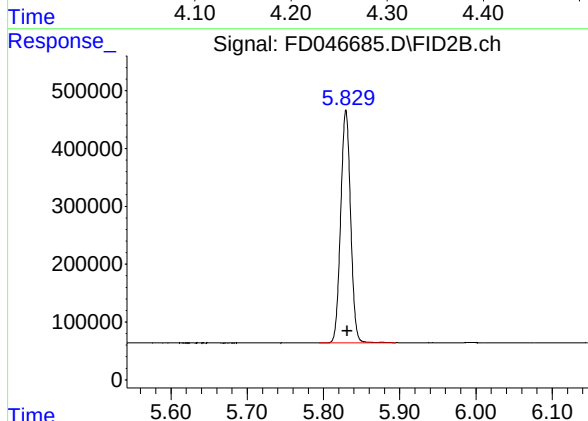
R.T.: 3.217 min
Delta R.T.: -0.003 min
Response: 3242952
Conc: 19.61 ug/ml

Instrument :
FID_D
ClientSampleId :



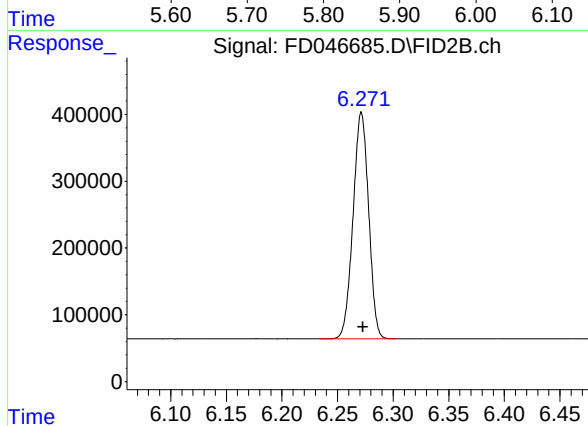
#2 n-Decane (C10)

R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 3272600
Conc: 19.41 ug/ml



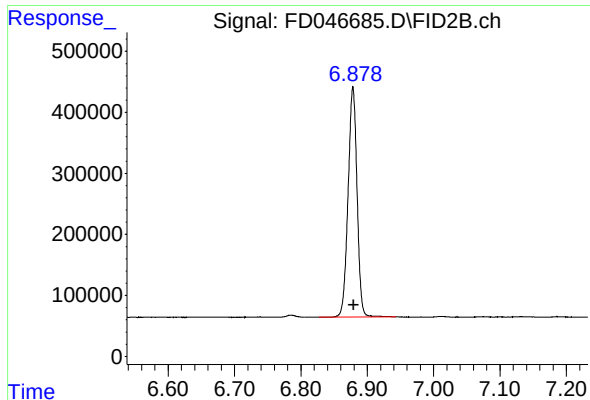
#3 A~Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 3635778
Conc: 19.47 ug/ml



#4 n-Dodecane (C12)

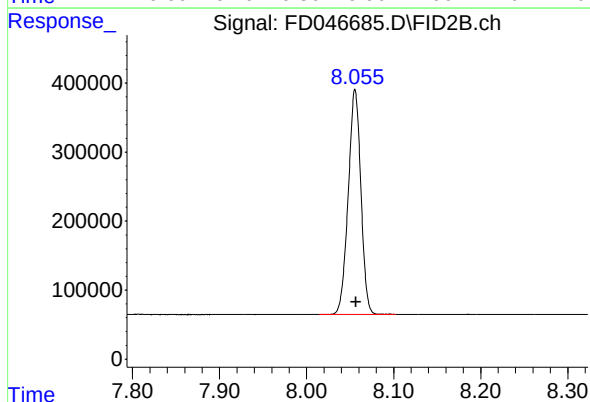
R.T.: 6.272 min
Delta R.T.: -0.001 min
Response: 3306440
Conc: 19.47 ug/ml



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

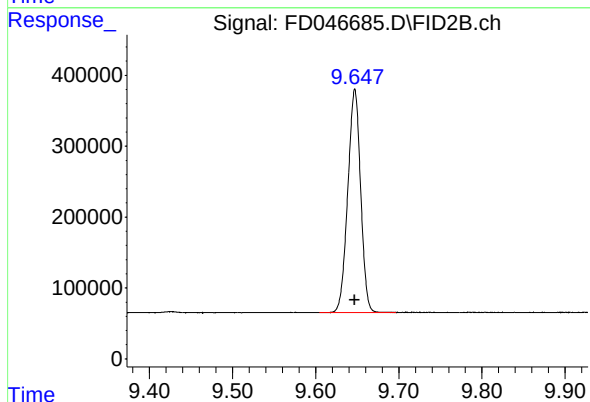
R.T.: 6.879 min
Delta R.T.: -0.001 min
Response: 3548532
Conc: 19.64 ug/ml

Instrument :
FID_D
ClientSampleId :



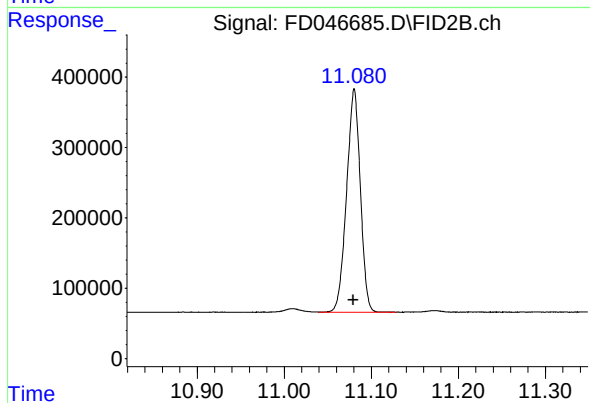
#6 n-Tetradecane (C14)

R.T.: 8.056 min
Delta R.T.: 0.000 min
Response: 3289840
Conc: 19.44 ug/ml



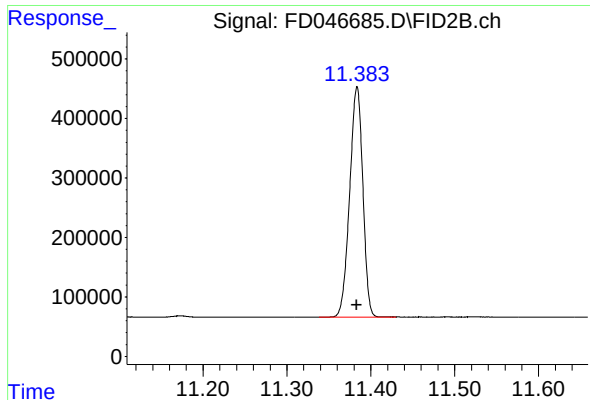
#7 n-Hexadecane (C16)

R.T.: 9.647 min
Delta R.T.: 0.000 min
Response: 3382193
Conc: 19.14 ug/ml



#8 n-Octadecane (C18)

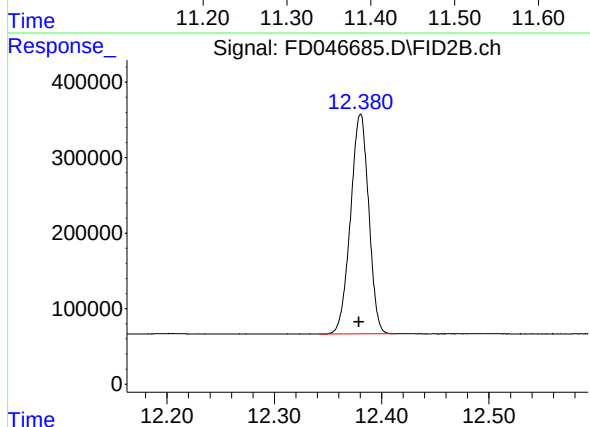
R.T.: 11.080 min
Delta R.T.: 0.000 min
Response: 3483221
Conc: 19.00 ug/ml



#9 ortho-Terphenyl (SURR)

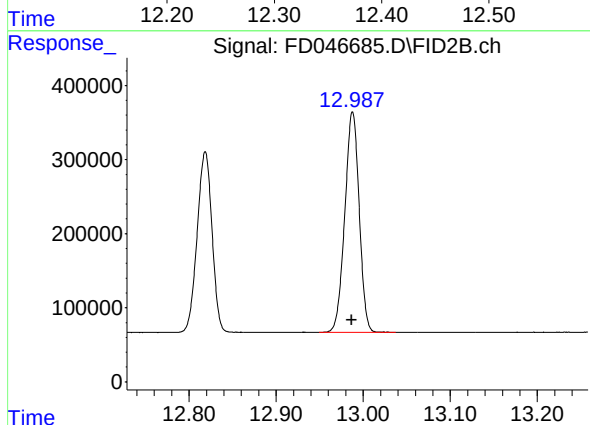
R.T.: 11.384 min
Delta R.T.: 0.000 min
Response: 4218092
Conc: 19.82 ug/ml

Instrument :
FID_D
ClientSampleId :



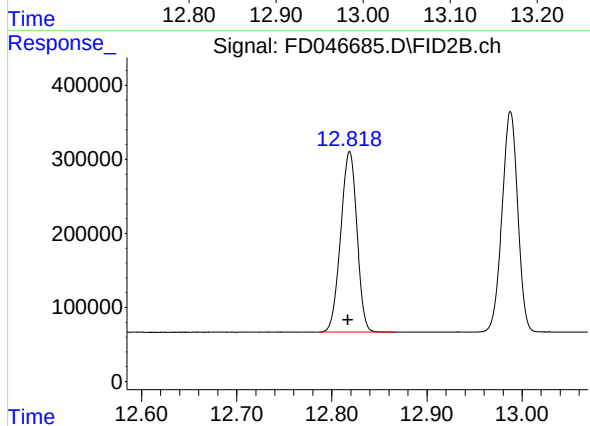
#10 n-Eicosane (C20)

R.T.: 12.380 min
Delta R.T.: 0.002 min
Response: 3429530
Conc: 18.97 ug/ml



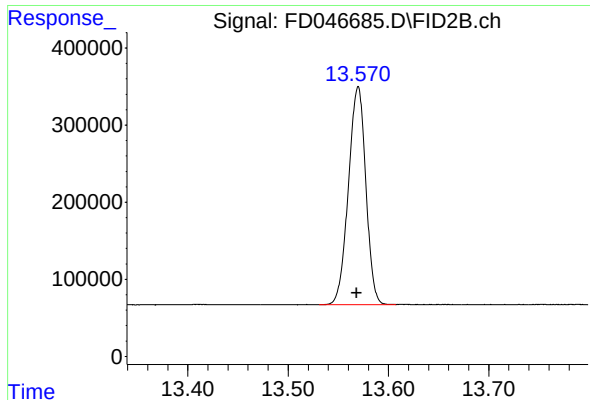
#11 n-Heneicosane (C21)

R.T.: 12.988 min
Delta R.T.: 0.001 min
Response: 3416991
Conc: 19.00 ug/ml



#12 1-chlorooctadecane (SURR)

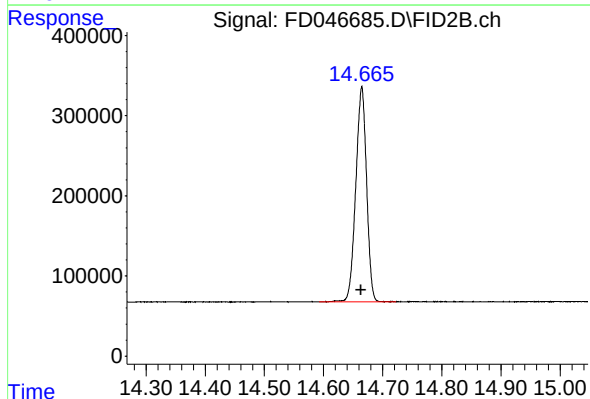
R.T.: 12.819 min
Delta R.T.: 0.002 min
Response: 2887427
Conc: 18.32 ug/ml



#13 n-Docosane (C22)

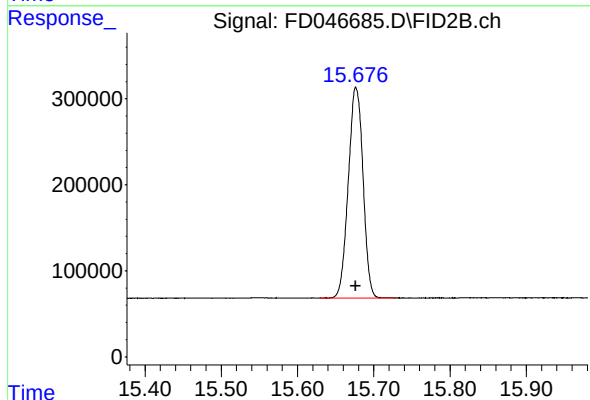
R.T.: 13.570 min
Delta R.T.: 0.002 min
Response: 3404330
Conc: 18.85 ug/ml

Instrument :
FID_D
ClientSampleId :



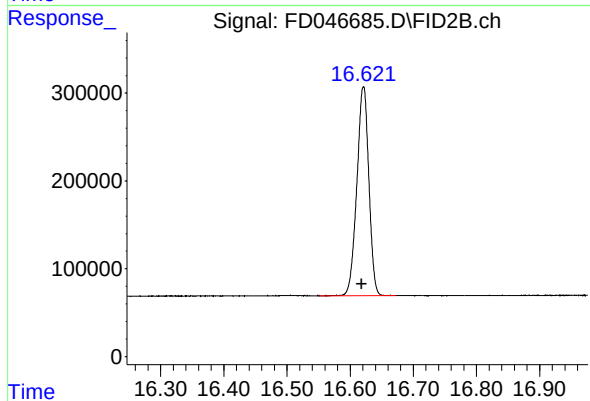
#14 n-Tetracosane (C24)

R.T.: 14.665 min
Delta R.T.: 0.001 min
Response: 3397556
Conc: 18.53 ug/ml



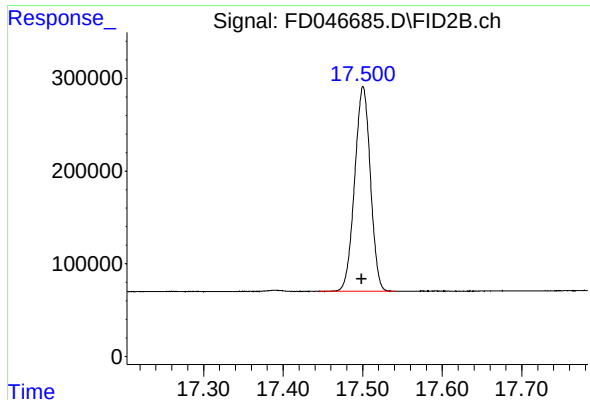
#15 n-Hexacosane (C26)

R.T.: 15.677 min
Delta R.T.: 0.000 min
Response: 3284930
Conc: 18.36 ug/ml



#16 n-Octacosane (C28)

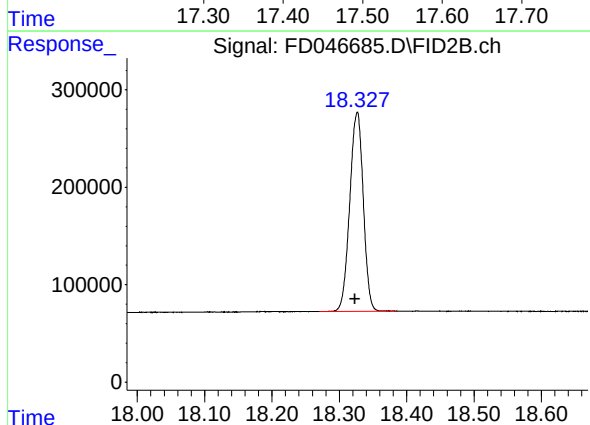
R.T.: 16.621 min
Delta R.T.: 0.003 min
Response: 3142007
Conc: 18.20 ug/ml



#17 n-Tricontane (C30)

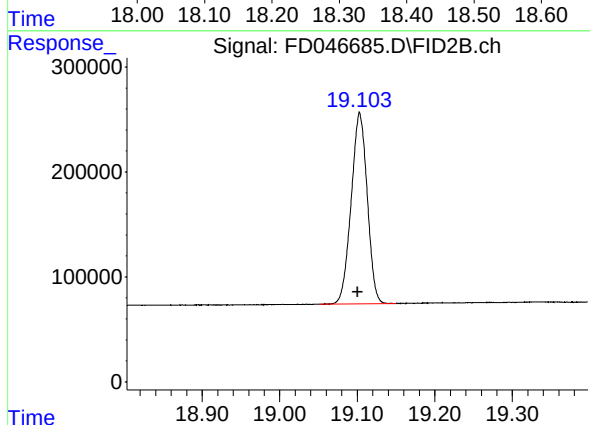
R.T.: 17.501 min
Delta R.T.: 0.002 min
Response: 3031954
Conc: 17.63 ug/ml

Instrument :
FID_D
ClientSampleId :



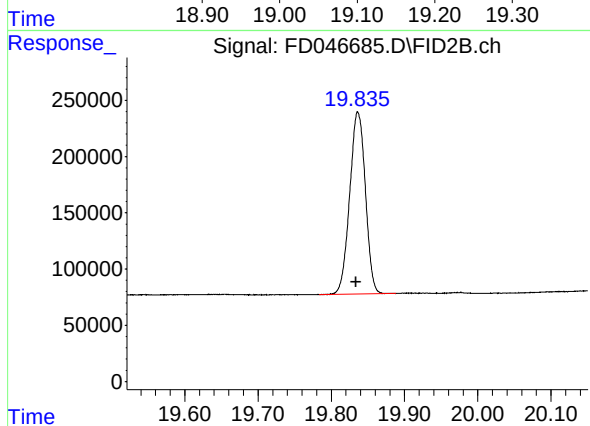
#18 n-Dotriacontane (C32)

R.T.: 18.327 min
Delta R.T.: 0.004 min
Response: 2855625
Conc: 17.46 ug/ml



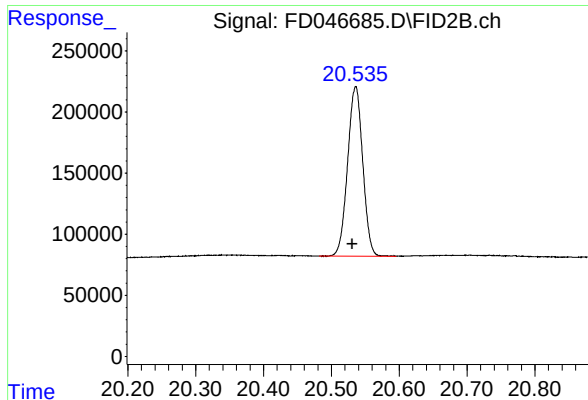
#19 n-Tetatriacontane (C34)

R.T.: 19.103 min
Delta R.T.: 0.003 min
Response: 2618024
Conc: 16.80 ug/ml



#20 n-Hexatriacontane (C36)

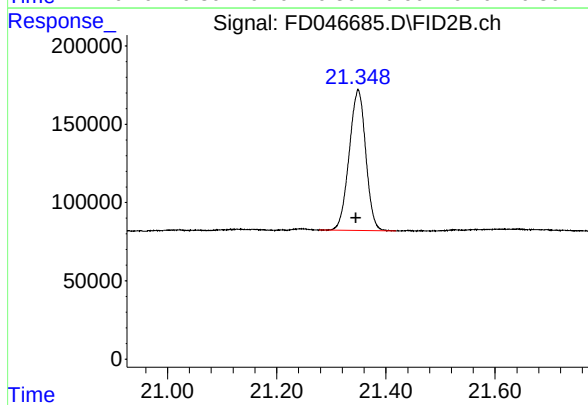
R.T.: 19.836 min
Delta R.T.: 0.003 min
Response: 2409926
Conc: 17.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.536 min
Delta R.T.: 0.005 min
Response: 2153665
Conc: 16.08 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.349 min
Delta R.T.: 0.004 min
Response: 1895899
Conc: 15.00 ug/ml