

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071221AL\
 Data File : FD038179.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jul 2021 00:53
 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: Jul 13 02:10:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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)	11.417	2702716	18.697 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
12) S 1-chlorooctadecane (S...	12.852	2076619	18.214 ug/ml
Spiked Amount 50.000		Recovery =	36.43%
Target Compounds			
1) T n-Nonane (C9)	3.232	2453489	20.191 ug/ml
2) T n-Decane (C10)	4.288	2488408	20.345 ug/ml
3) T A~Naphthalene (C11.7)	5.858	2744584	20.077 ug/ml
4) T n-Dodecane (C12)	6.295	2543087	20.418 ug/ml
5) T A~2-methylnaphthalene...	6.909	2742104	19.908 ug/ml
6) T n-Tetradecane (C14)	8.081	2596113	20.199 ug/ml
7) T n-Hexadecane (C16)	9.674	2586268	19.958 ug/ml
8) T n-Octadecane (C18)	11.108	2599970	19.306 ug/ml
10) T n-Eicosane (C20)	12.411	2525558	18.803 ug/ml
11) T n-Heneicosane (C21)	13.019	2510002	18.475 ug/ml
13) T n-Docosane (C22)	13.603	2468906	18.349 ug/ml
14) T n-Tetracosane (C24)	14.699	2437046	18.048 ug/ml
15) T n-Hexacosane (C26)	15.715	2310960	17.540 ug/ml
16) T n-Octacosane (C28)	16.659	2224543	17.061 ug/ml
17) T n-Tricontane (C30)	17.542	2133902	16.698 ug/ml
18) T n-Dotriacontane (C32)	18.370	2030843	16.505 ug/ml
19) T n-Tetratriacontane (C34)	19.149	1944165	16.602 ug/ml
20) T n-Hexatriacontane (C36)	19.886	1863708	17.066 ug/ml
21) T n-Octatriacontane (C38)	20.591	1804789	17.919 ug/ml
22) T n-Tetracontane (C40)	21.419	1889154	19.316 ug/ml

(f)=RT Delta > 1/2 Window

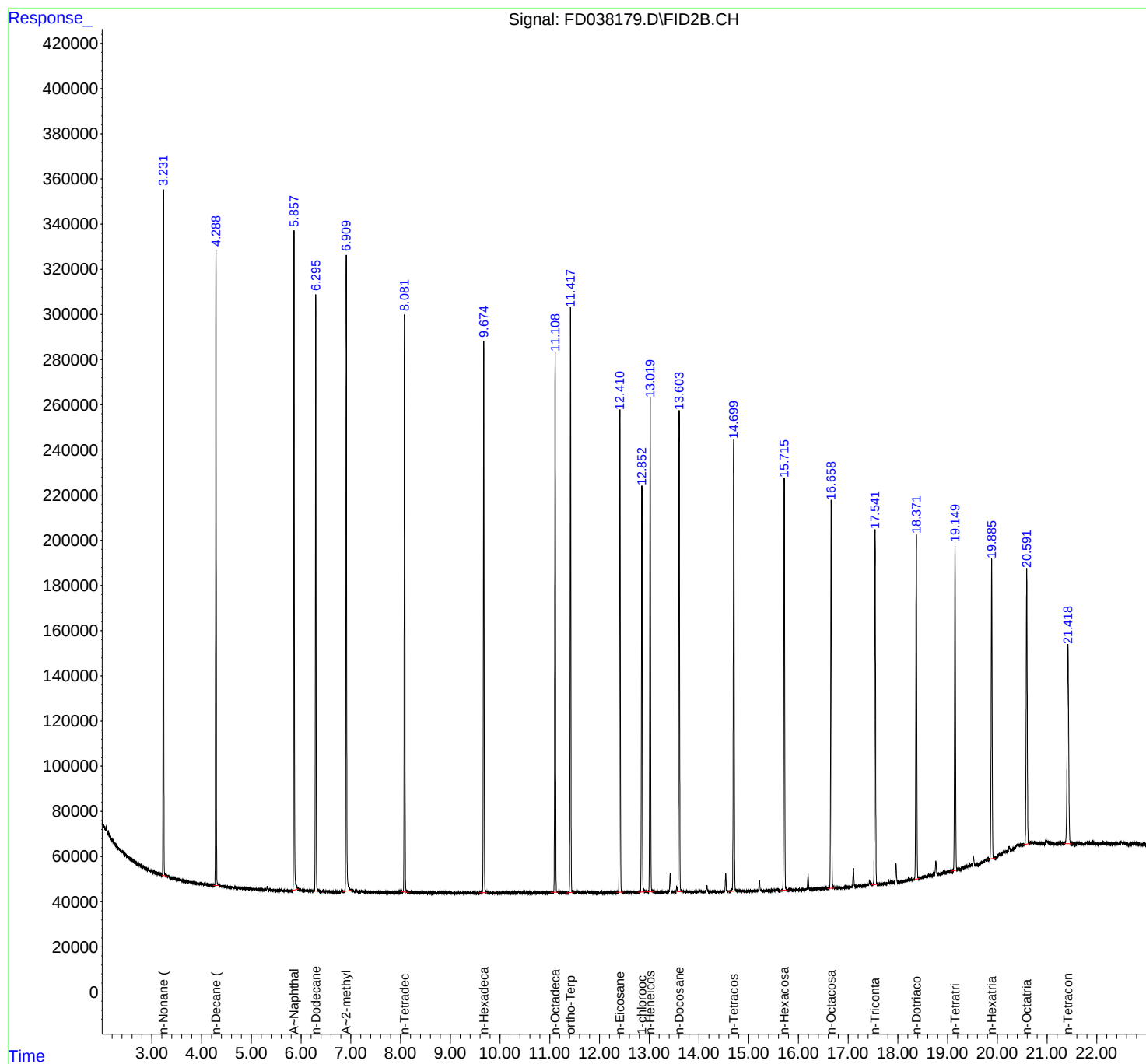
(m)=manual int.

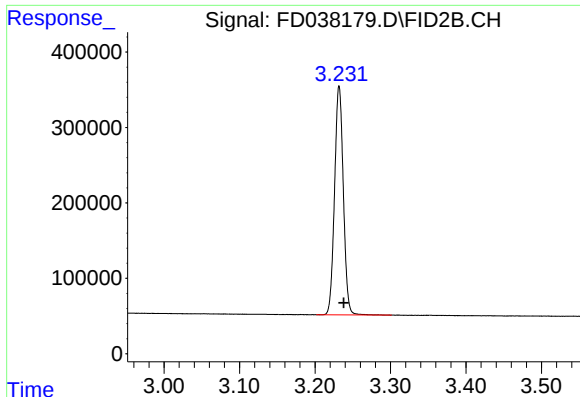
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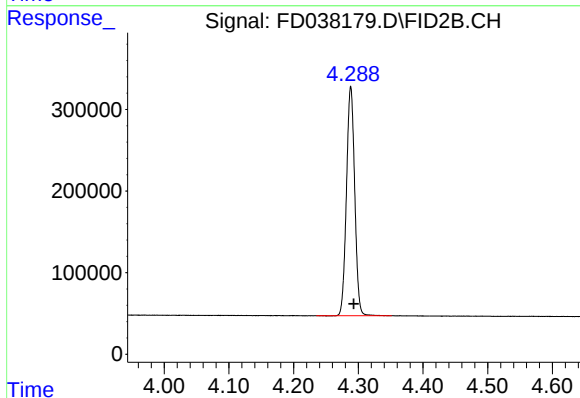




#1 n-Nonane (C9)

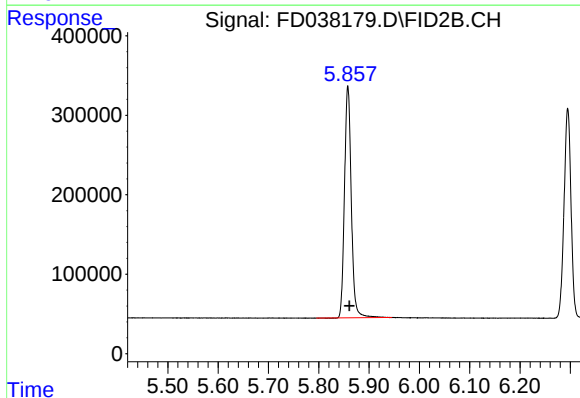
R.T.: 3.232 min
Delta R.T.: -0.006 min
Response: 2453489
Conc: 20.19 ug/ml

Instrument :
FID_D
ClientSampleId :



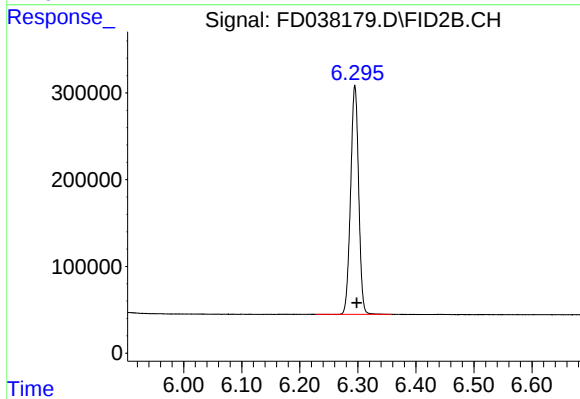
#2 n-Decane (C10)

R.T.: 4.288 min
Delta R.T.: -0.004 min
Response: 2488408
Conc: 20.34 ug/ml



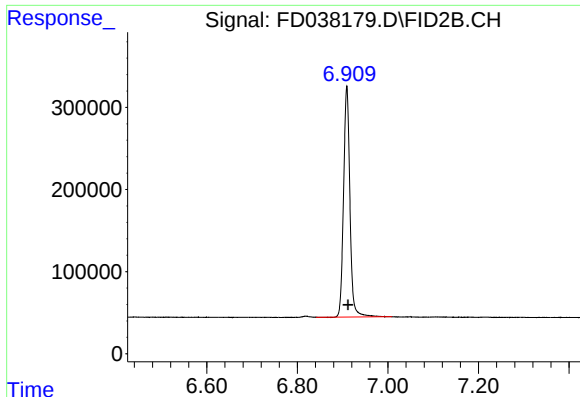
#3 A~Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: -0.003 min
Response: 2744584
Conc: 20.08 ug/ml



#4 n-Dodecane (C12)

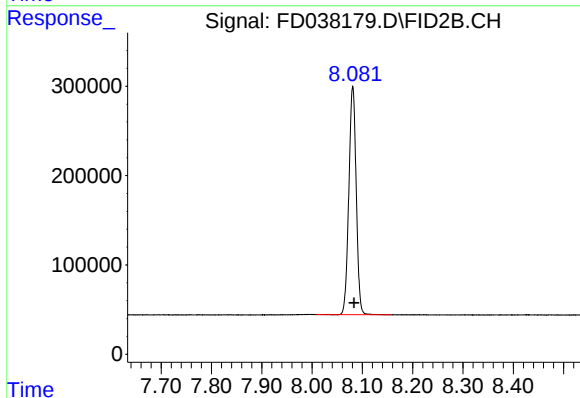
R.T.: 6.295 min
Delta R.T.: -0.003 min
Response: 2543087
Conc: 20.42 ug/ml



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

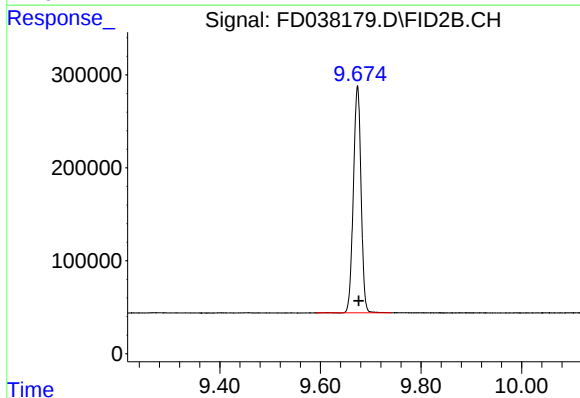
R.T.: 6.909 min
Delta R.T.: -0.003 min
Response: 2742104
Conc: 19.91 ug/ml

Instrument :
FID_D
ClientSampleId :



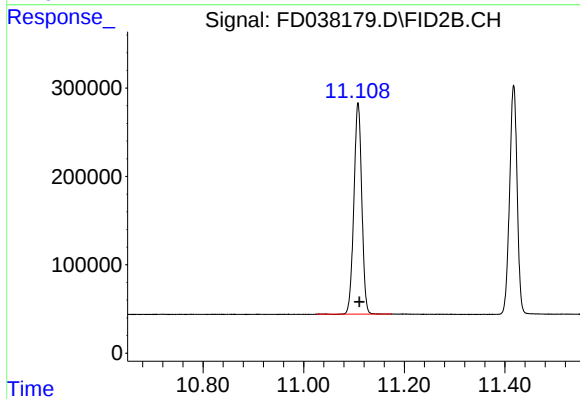
#6 n-Tetradecane (C14)

R.T.: 8.081 min
Delta R.T.: -0.003 min
Response: 2596113
Conc: 20.20 ug/ml



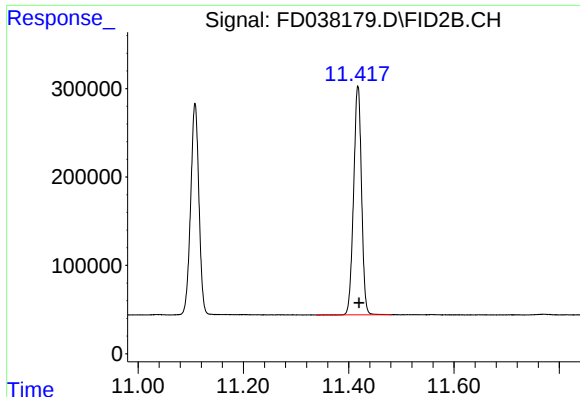
#7 n-Hexadecane (C16)

R.T.: 9.674 min
Delta R.T.: -0.002 min
Response: 2586268
Conc: 19.96 ug/ml



#8 n-Octadecane (C18)

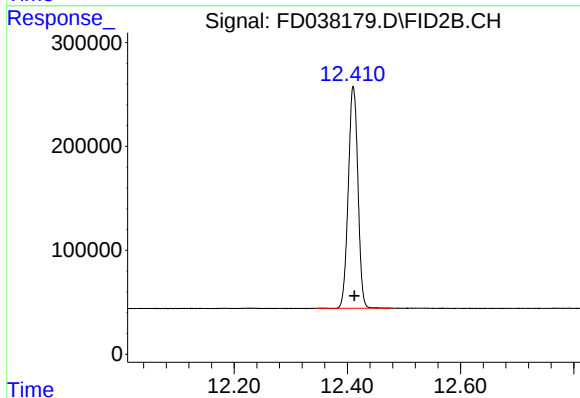
R.T.: 11.108 min
Delta R.T.: -0.003 min
Response: 2599970
Conc: 19.31 ug/ml



#9 ortho-Terphenyl (SURR)

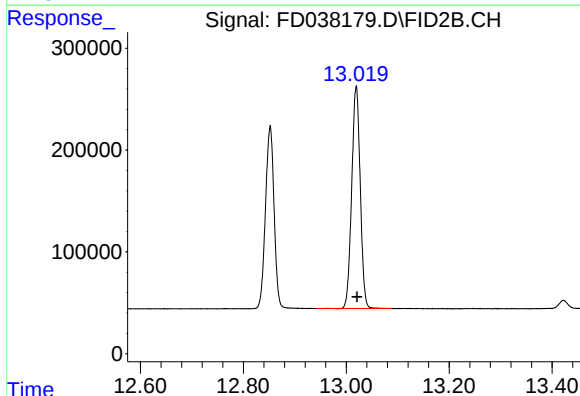
R.T.: 11.417 min
Delta R.T.: -0.002 min
Response: 2702716
Conc: 18.70 ug/ml

Instrument :
FID_D
ClientSampleId :



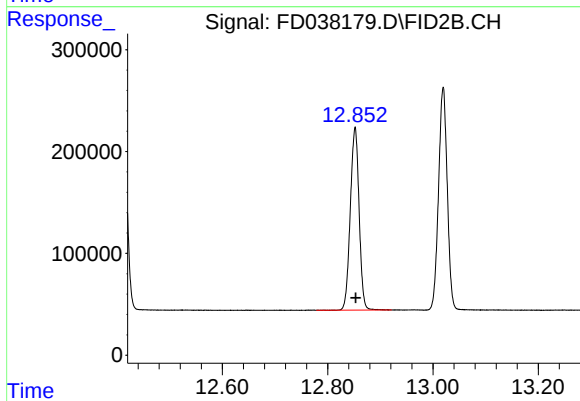
#10 n-Eicosane (C20)

R.T.: 12.411 min
Delta R.T.: -0.002 min
Response: 2525558
Conc: 18.80 ug/ml



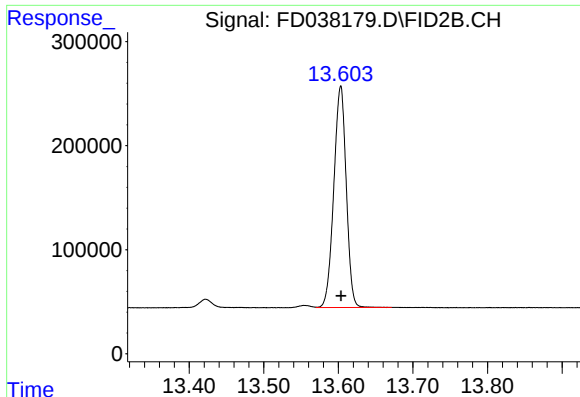
#11 n-Heneicosane (C21)

R.T.: 13.019 min
Delta R.T.: -0.002 min
Response: 2510002
Conc: 18.47 ug/ml



#12 1-chlorooctadecane (SURR)

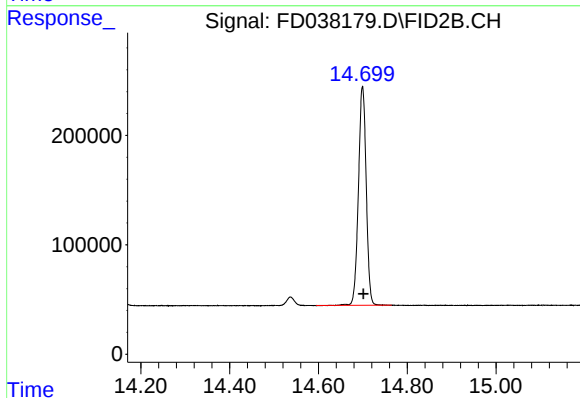
R.T.: 12.852 min
Delta R.T.: -0.002 min
Response: 2076619
Conc: 18.21 ug/ml



#13 n-Docosane (C22)

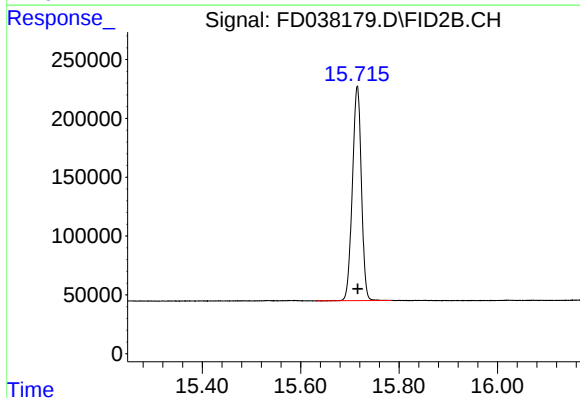
R.T.: 13.603 min
Delta R.T.: 0.000 min
Response: 2468906
Conc: 18.35 ug/ml

Instrument :
FID_D
ClientSampleId :



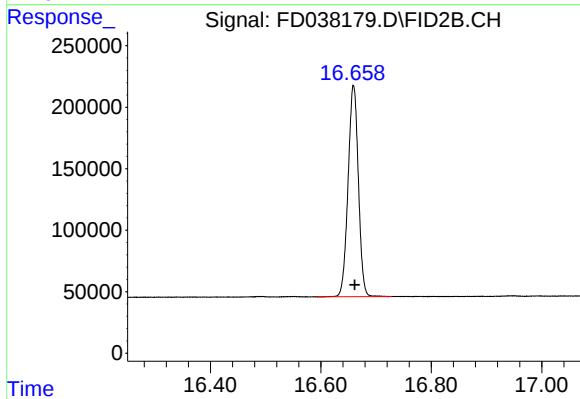
#14 n-Tetracosane (C24)

R.T.: 14.699 min
Delta R.T.: -0.002 min
Response: 2437046
Conc: 18.05 ug/ml



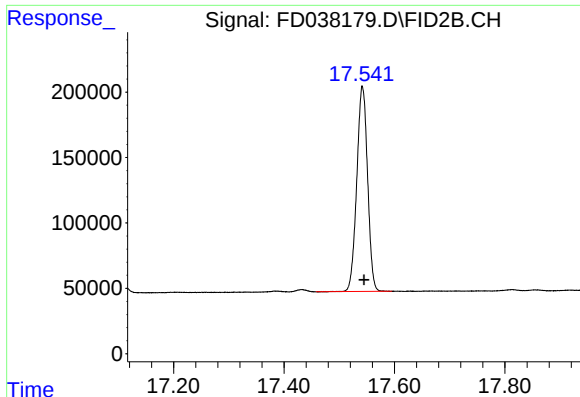
#15 n-Hexacosane (C26)

R.T.: 15.715 min
Delta R.T.: -0.001 min
Response: 2310960
Conc: 17.54 ug/ml



#16 n-Octacosane (C28)

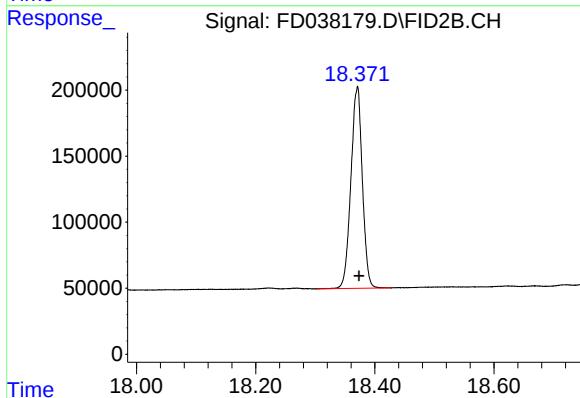
R.T.: 16.659 min
Delta R.T.: -0.002 min
Response: 2224543
Conc: 17.06 ug/ml



#17 n-Tricontane (C30)

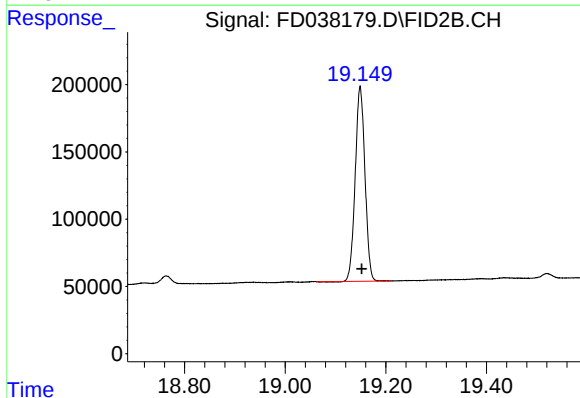
R.T.: 17.542 min
Delta R.T.: -0.003 min
Response: 2133902
Conc: 16.70 ug/ml

Instrument :
FID_D
ClientSampleId :



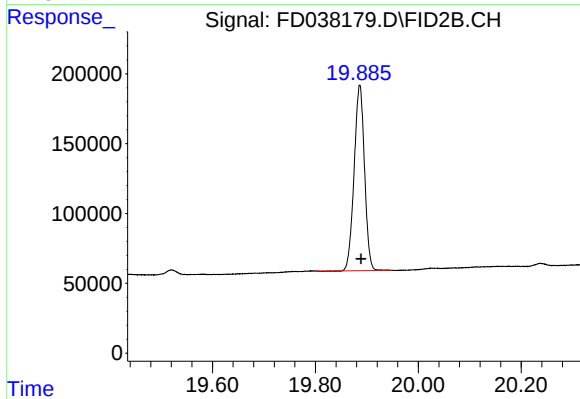
#18 n-Dotriacontane (C32)

R.T.: 18.370 min
Delta R.T.: -0.003 min
Response: 2030843
Conc: 16.50 ug/ml



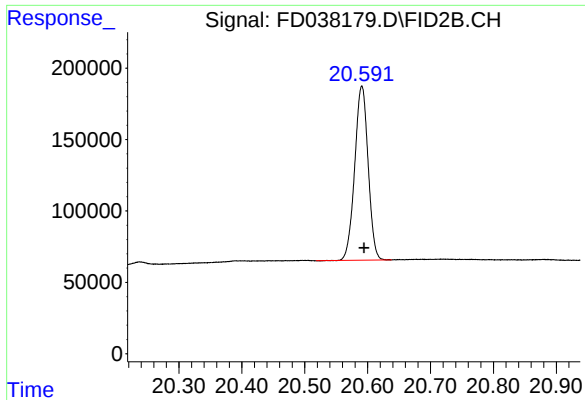
#19 n-Tetratriacontane (C34)

R.T.: 19.149 min
Delta R.T.: -0.003 min
Response: 1944165
Conc: 16.60 ug/ml



#20 n-Hexatriacontane (C36)

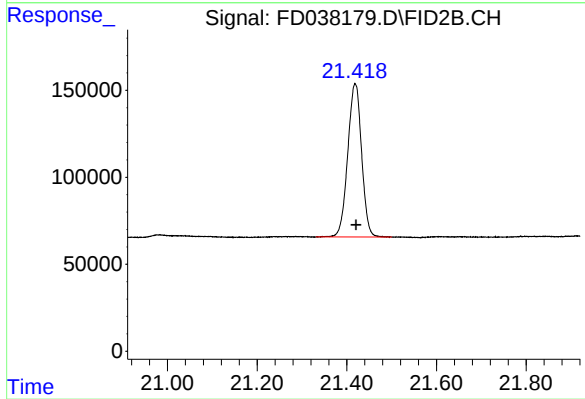
R.T.: 19.886 min
Delta R.T.: -0.002 min
Response: 1863708
Conc: 17.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.591 min
Delta R.T.: -0.004 min
Response: 1804789
Conc: 17.92 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.419 min
Delta R.T.: -0.002 min
Response: 1889154
Conc: 19.32 ug/ml