

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040721AL\
 Data File : FD036757.D
 Signal(s) : FID2B.CH
 Acq On : 07 Apr 2021 9:56
 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: Apr 08 03:09:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 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)	11.487	2557856	17.263 ug/ml
Spiked Amount 50.000		Recovery =	34.53%
12) S 1-chlorooctadecane (S...	12.919	1925563	16.546 ug/ml
Spiked Amount 50.000		Recovery =	33.09%
Target Compounds			
1) T n-Nonane (C9)	3.289	2419706	19.036 ug/ml
2) T n-Decane (C10)	4.349	2455698	19.058 ug/ml
3) T A~Naphthalene (C11.7)	5.923	2740210	18.768 ug/ml
4) T n-Dodecane (C12)	6.359	2520857	19.016 ug/ml
5) T A~2-methylnaphthalene...	6.975	2772130	18.515 ug/ml
6) T n-Tetradecane (C14)	8.147	2510274	18.469 ug/ml
7) T n-Hexadecane (C16)	9.740	2426097	18.217 ug/ml
8) T n-Octadecane (C18)	11.175	2460026	17.759 ug/ml
10) T n-Eicosane (C20)	12.479	2371915	17.159 ug/ml
11) T n-Heneicosane (C21)	13.087	2316185	16.824 ug/ml
13) T n-Docosane (C22)	13.670	2252249	16.558 ug/ml
14) T n-Tetracosane (C24)	14.767	2129223	16.060 ug/ml
15) T n-Hexacosane (C26)	15.781	1993443	15.744 ug/ml
16) T n-Octacosane (C28)	16.726	1901300	15.765 ug/ml
17) T n-Tricontane (C30)	17.607	1836708	15.989 ug/ml
18) T n-Dotriacontane (C32)	18.433	1790544	16.279 ug/ml
19) T n-Tetratriacontane (C34)	19.212	1776934	17.302 ug/ml
20) T n-Hexatriacontane (C36)	19.946	1726741	17.673 ug/ml
21) T n-Octatriacontane (C38)	20.656	1676114	18.129 ug/ml
22) T n-Tetracontane (C40)	21.504	1727381	17.126 ug/ml

(f)=RT Delta > 1/2 Window

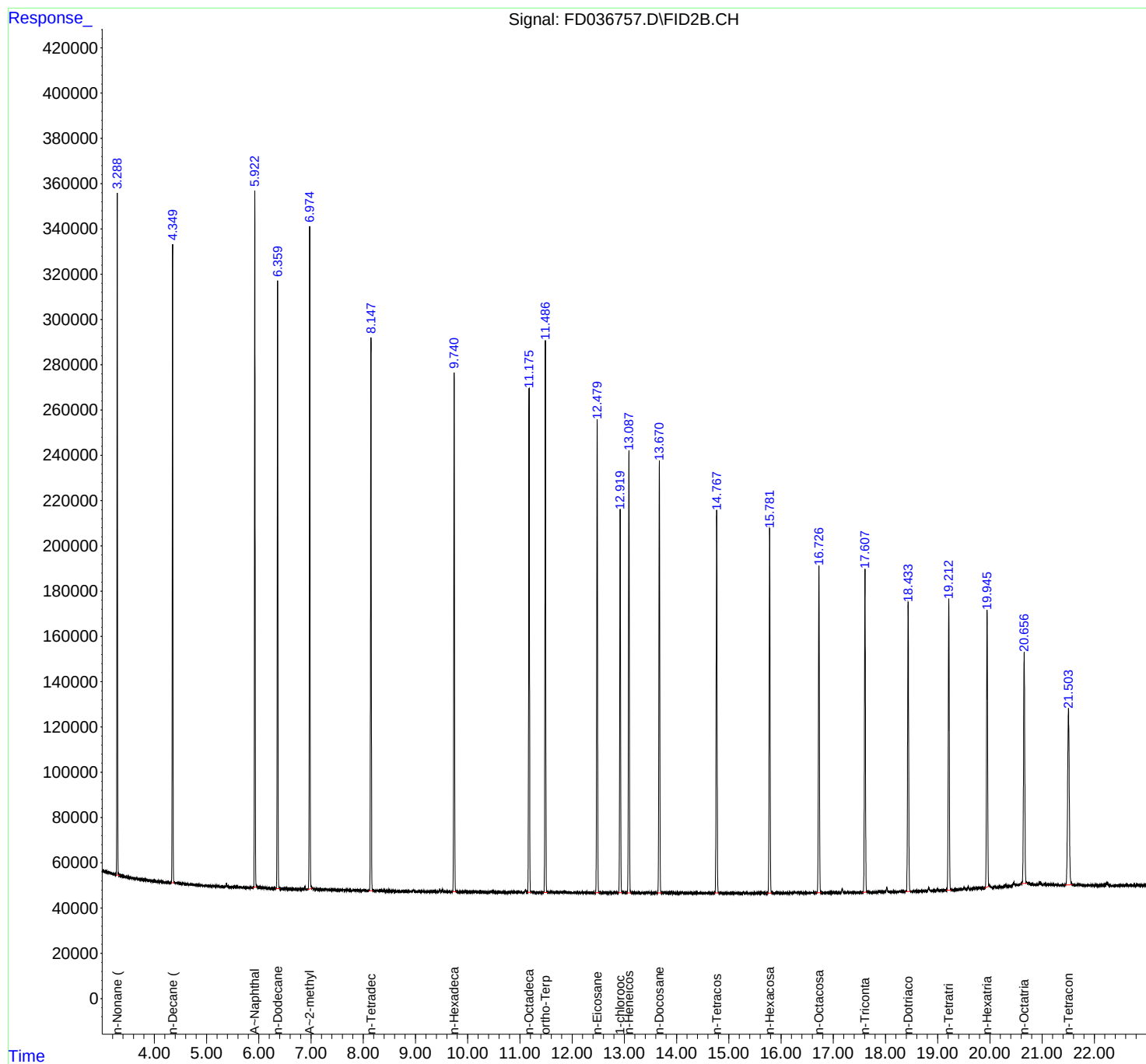
(m)=manual int.

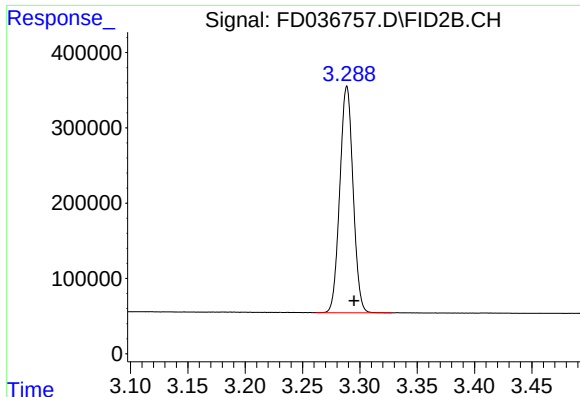
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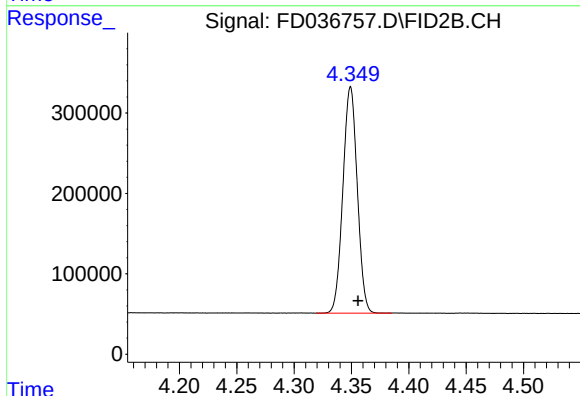




#1 n-Nonane (C9)

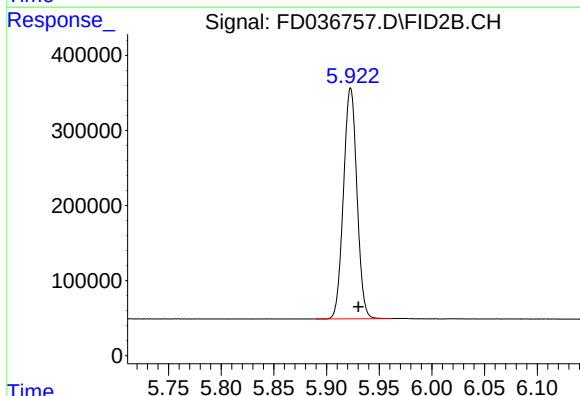
R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 2419706
Conc: 19.04 ug/ml

Instrument :
FID_D
ClientSampleId :



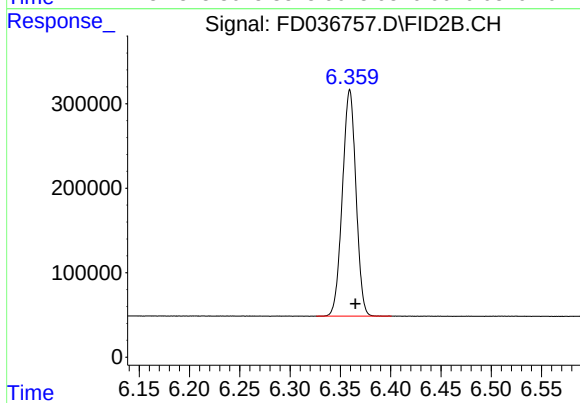
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: -0.007 min
Response: 2455698
Conc: 19.06 ug/ml



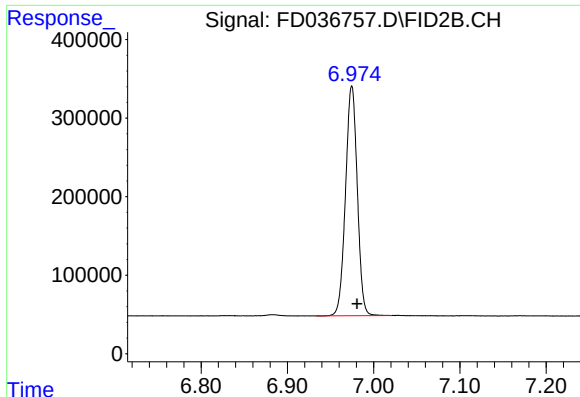
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.007 min
Response: 2740210
Conc: 18.77 ug/ml



#4 n-Dodecane (C12)

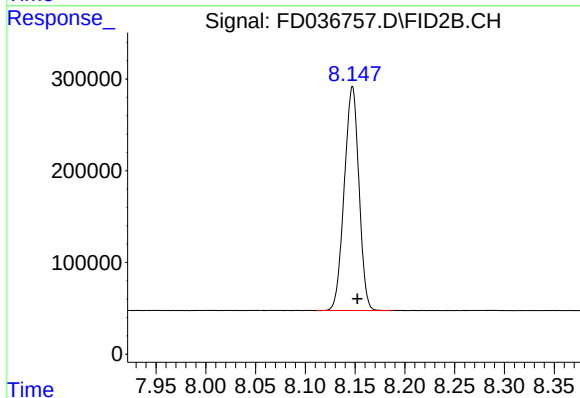
R.T.: 6.359 min
Delta R.T.: -0.006 min
Response: 2520857
Conc: 19.02 ug/ml



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

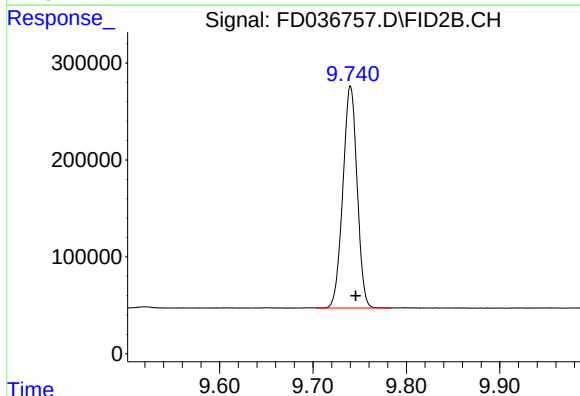
R.T.: 6.975 min
Delta R.T.: -0.006 min
Response: 2772130
Conc: 18.51 ug/ml

Instrument :
FID_D
ClientSampleId :



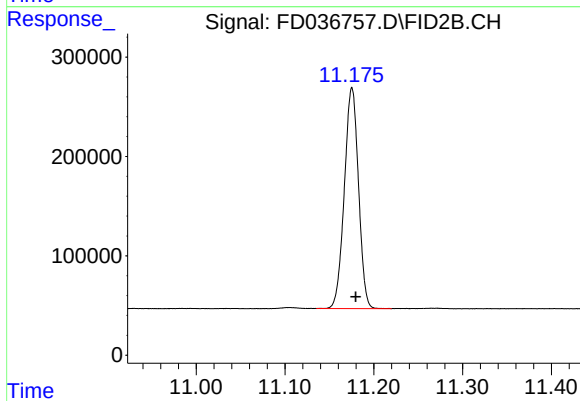
#6 n-Tetradecane (C14)

R.T.: 8.147 min
Delta R.T.: -0.005 min
Response: 2510274
Conc: 18.47 ug/ml



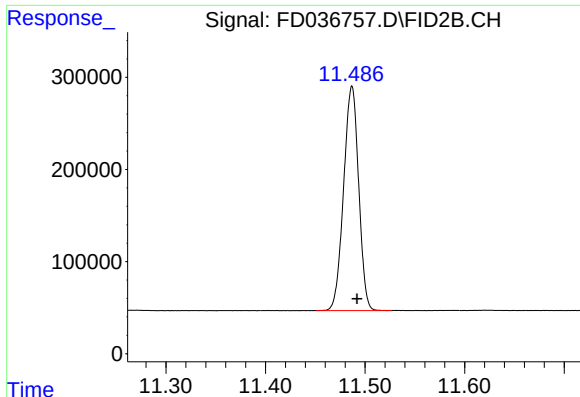
#7 n-Hexadecane (C16)

R.T.: 9.740 min
Delta R.T.: -0.006 min
Response: 2426097
Conc: 18.22 ug/ml



#8 n-Octadecane (C18)

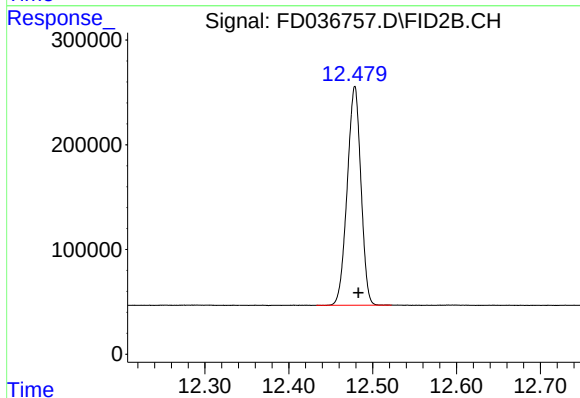
R.T.: 11.175 min
Delta R.T.: -0.004 min
Response: 2460026
Conc: 17.76 ug/ml



#9 ortho-Terphenyl (SURR)

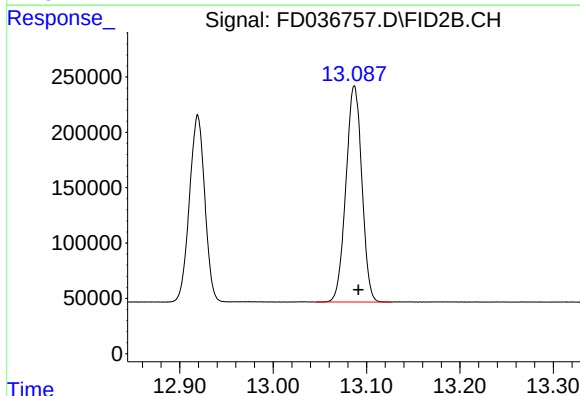
R.T.: 11.487 min
Delta R.T.: -0.005 min
Response: 2557856
Conc: 17.26 ug/ml

Instrument :
FID_D
ClientSampleId :



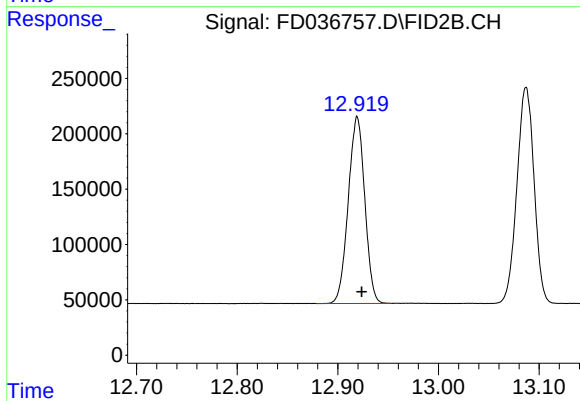
#10 n-Eicosane (C20)

R.T.: 12.479 min
Delta R.T.: -0.004 min
Response: 2371915
Conc: 17.16 ug/ml



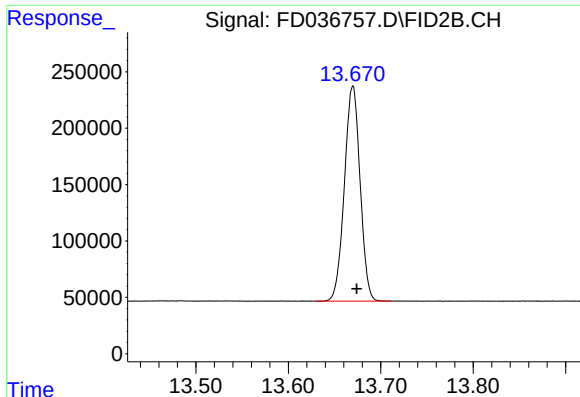
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: -0.004 min
Response: 2316185
Conc: 16.82 ug/ml



#12 1-chlorooctadecane (SURR)

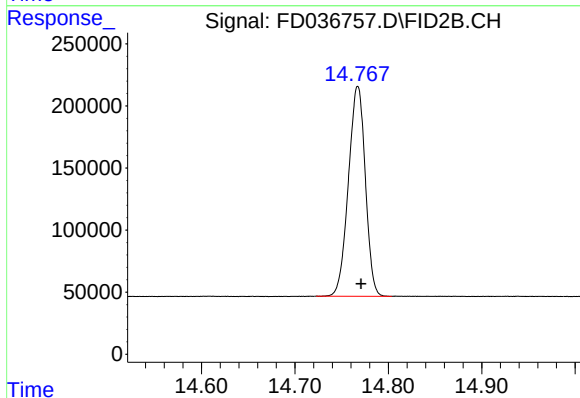
R.T.: 12.919 min
Delta R.T.: -0.004 min
Response: 1925563
Conc: 16.55 ug/ml



#13 n-Docosane (C22)

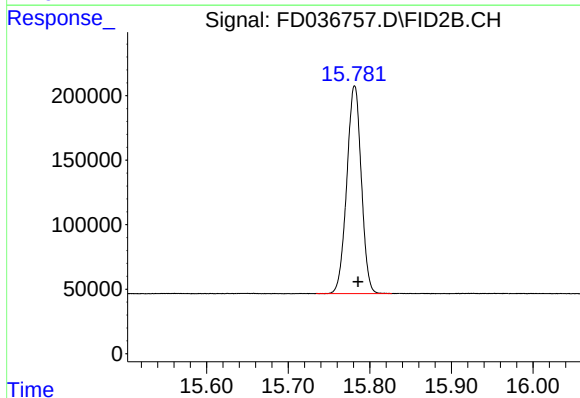
R.T.: 13.670 min
Delta R.T.: -0.004 min
Response: 2252249
Conc: 16.56 ug/ml

Instrument :
FID_D
ClientSampleId :



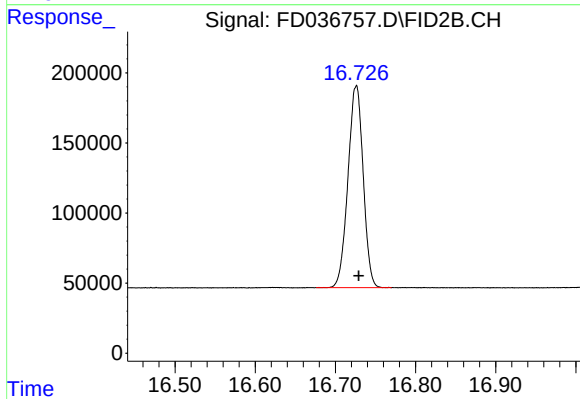
#14 n-Tetracosane (C24)

R.T.: 14.767 min
Delta R.T.: -0.004 min
Response: 2129223
Conc: 16.06 ug/ml



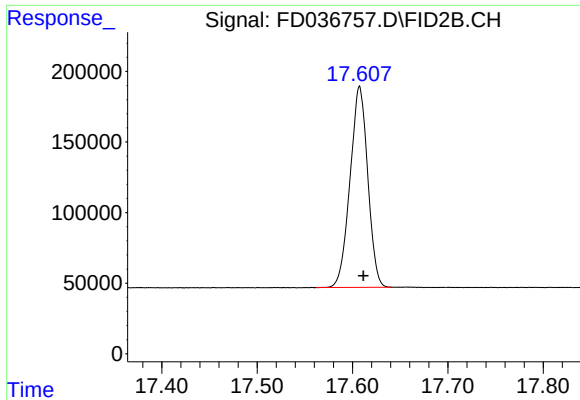
#15 n-Hexacosane (C26)

R.T.: 15.781 min
Delta R.T.: -0.004 min
Response: 1993443
Conc: 15.74 ug/ml



#16 n-Octacosane (C28)

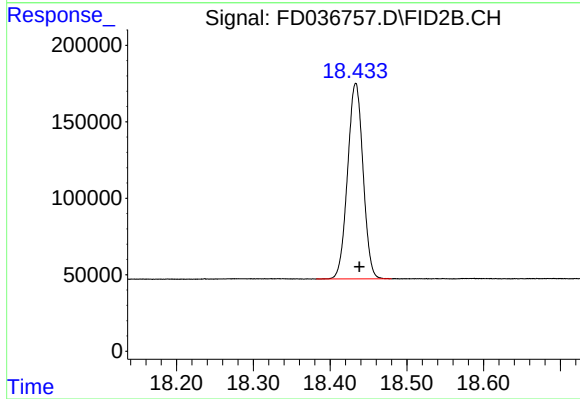
R.T.: 16.726 min
Delta R.T.: -0.003 min
Response: 1901300
Conc: 15.76 ug/ml



#17 n-Tricontane (C30)

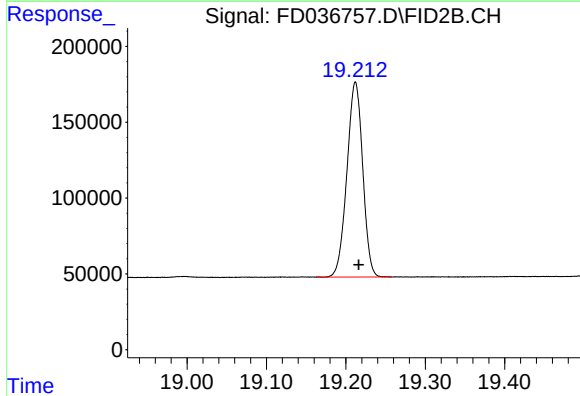
R.T.: 17.607 min
Delta R.T.: -0.004 min
Response: 1836708
Conc: 15.99 ug/ml

Instrument :
FID_D
ClientSampleId :



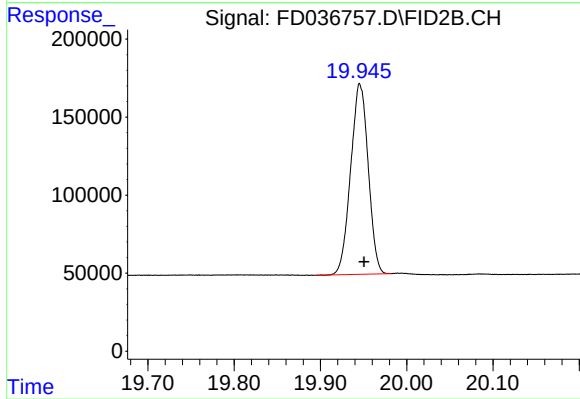
#18 n-Dotriacontane (C32)

R.T.: 18.433 min
Delta R.T.: -0.005 min
Response: 1790544
Conc: 16.28 ug/ml



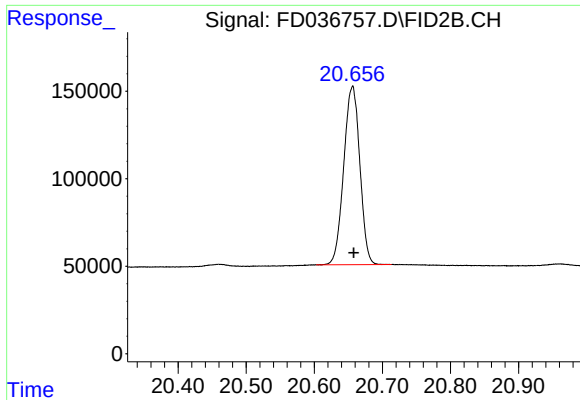
#19 n-Tetratriacontane (C34)

R.T.: 19.212 min
Delta R.T.: -0.004 min
Response: 1776934
Conc: 17.30 ug/ml



#20 n-Hexatriacontane (C36)

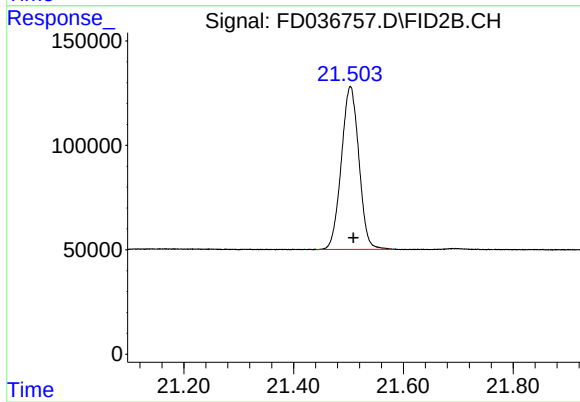
R.T.: 19.946 min
Delta R.T.: -0.005 min
Response: 1726741
Conc: 17.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.656 min
Delta R.T.: -0.002 min
Response: 1676114
Conc: 18.13 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.504 min
Delta R.T.: -0.006 min
Response: 1727381
Conc: 17.13 ug/ml