

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100421AL\
 Data File : FD038983.D
 Signal(s) : FID2B.CH
 Acq On : 04 Oct 2021 17:39
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 05 02:14:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.675	2582026	18.192 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
12) S 1-chlorooctadecane (S...	13.101	2032806	18.078 ug/ml
Spiked Amount 50.000		Recovery =	36.16%
Target Compounds			
1) T n-Nonane (C9)	3.435	2327269	18.450 ug/ml
2) T n-Decane (C10)	4.505	2358900	18.482 ug/ml
3) T A~Naphthalene (C11.7)	6.096	2624009	18.427 ug/ml
4) T n-Dodecane (C12)	6.520	2359104	18.421 ug/ml
5) T A~2-methylnaphthalene...	7.151	2636443	18.416 ug/ml
6) T n-Tetradecane (C14)	8.313	2375149	18.304 ug/ml
7) T n-Hexadecane (C16)	9.911	2382001	18.264 ug/ml
8) T n-Octadecane (C18)	11.349	2431054	18.177 ug/ml
10) T n-Eicosane (C20)	12.656	2400150	18.097 ug/ml
11) T n-Heneicosane (C21)	13.267	2422984	18.095 ug/ml
13) T n-Docosane (C22)	13.851	2388447	18.006 ug/ml
14) T n-Tetracosane (C24)	14.950	2372870	17.908 ug/ml
15) T n-Hexacosane (C26)	15.967	2312849	17.968 ug/ml
16) T n-Octacosane (C28)	16.913	2274798	18.040 ug/ml
17) T n-Tricontane (C30)	17.797	2224930	18.242 ug/ml
18) T n-Dotriacontane (C32)	18.627	2140038	18.459 ug/ml
19) T n-Tetratriacontane (C34)	19.405	2065564	19.135 ug/ml
20) T n-Hexatriacontane (C36)	20.142	1911459	19.534 ug/ml
21) T n-Octatriacontane (C38)	20.882	1812498	20.190 ug/ml
22) T n-Tetracontane (C40)	21.808	1793630	20.361 ug/ml

(f)=RT Delta > 1/2 Window

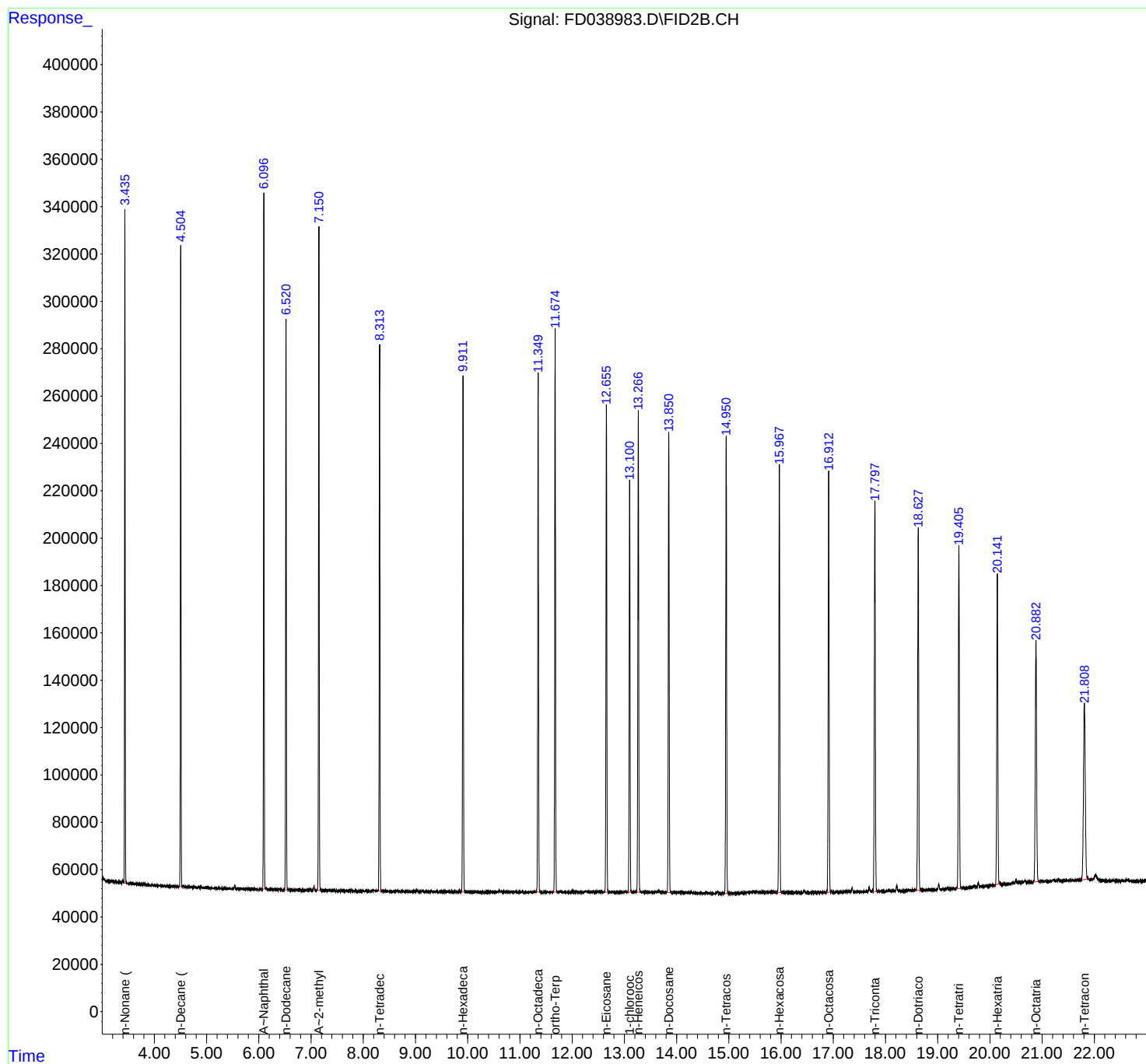
(m)=manual int.

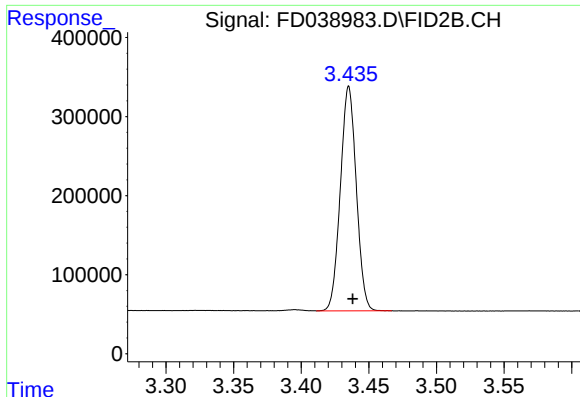
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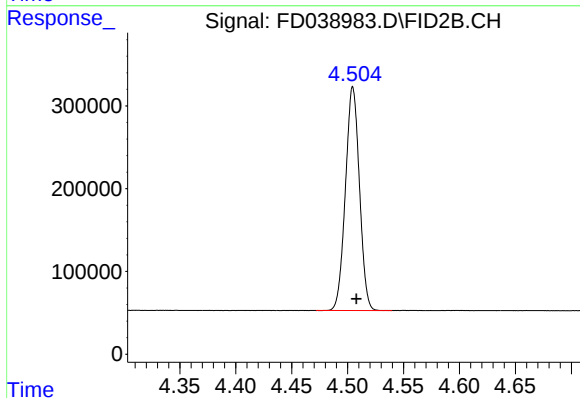




#1 n-Nonane (C9)

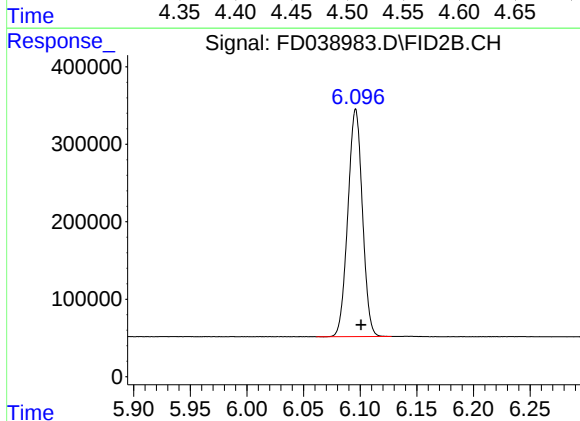
R.T.: 3.435 min
Delta R.T.: -0.003 min
Response: 2327269
Conc: 18.45 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



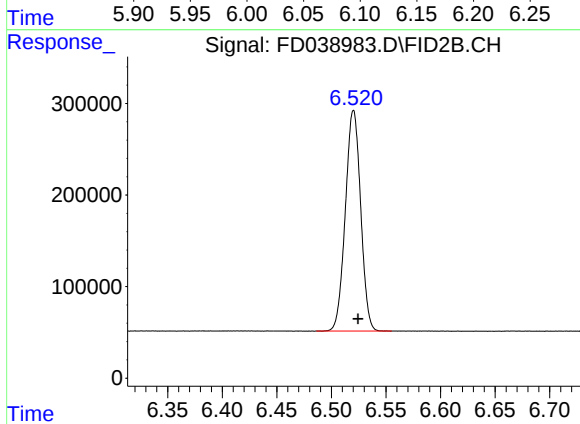
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: -0.003 min
Response: 2358900
Conc: 18.48 ug/ml



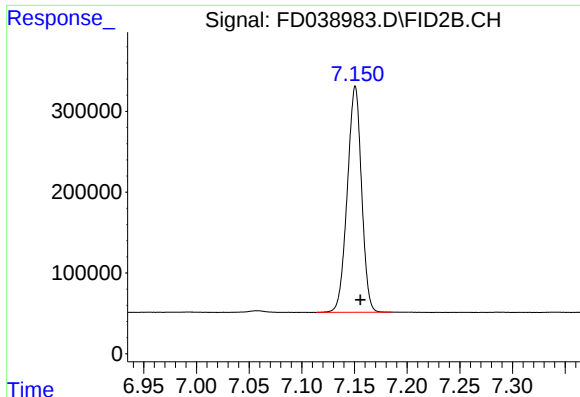
#3 A~Naphthalene (C11.7)

R.T.: 6.096 min
Delta R.T.: -0.005 min
Response: 2624009
Conc: 18.43 ug/ml



#4 n-Dodecane (C12)

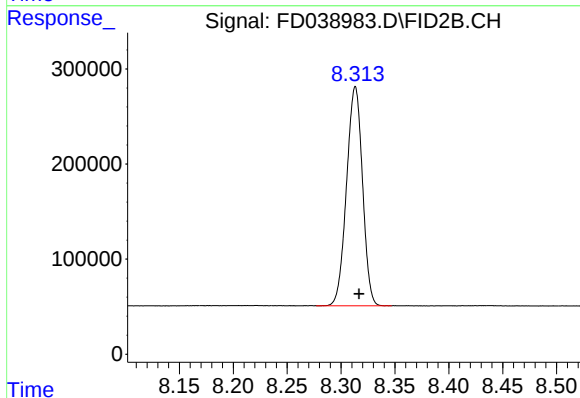
R.T.: 6.520 min
Delta R.T.: -0.004 min
Response: 2359104
Conc: 18.42 ug/ml



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

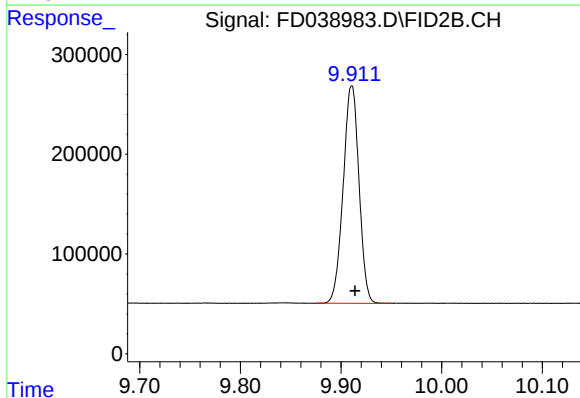
R.T.: 7.151 min
Delta R.T.: -0.005 min
Response: 2636443
Conc: 18.42 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



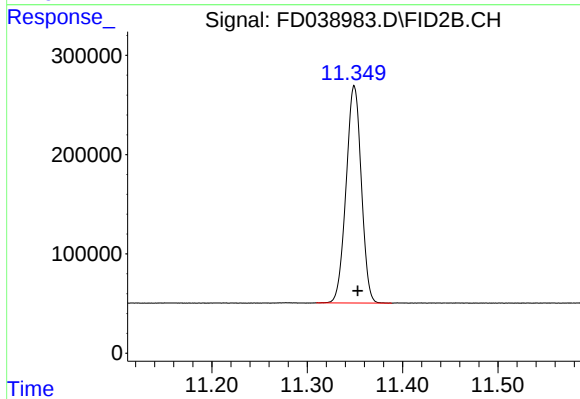
#6 n-Tetradecane (C14)

R.T.: 8.313 min
Delta R.T.: -0.003 min
Response: 2375149
Conc: 18.30 ug/ml



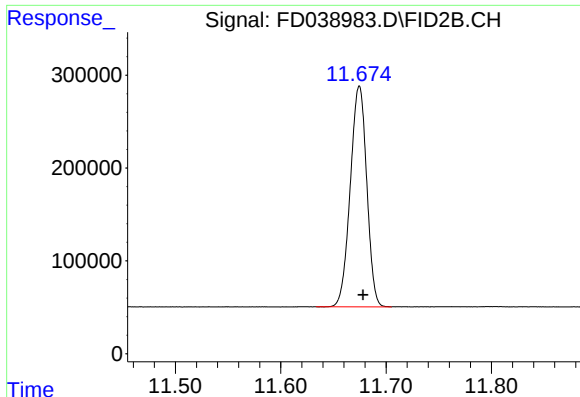
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.003 min
Response: 2382001
Conc: 18.26 ug/ml



#8 n-Octadecane (C18)

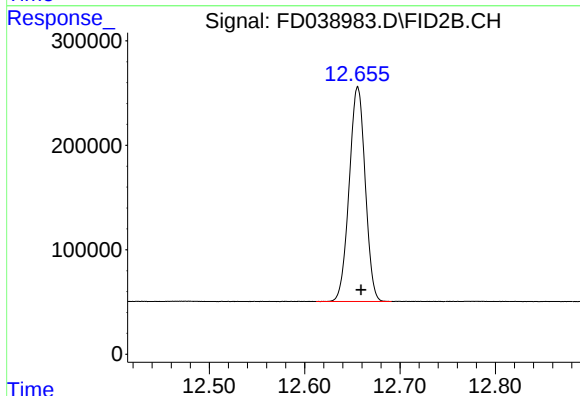
R.T.: 11.349 min
Delta R.T.: -0.004 min
Response: 2431054
Conc: 18.18 ug/ml



#9 ortho-Terphenyl (SURR)

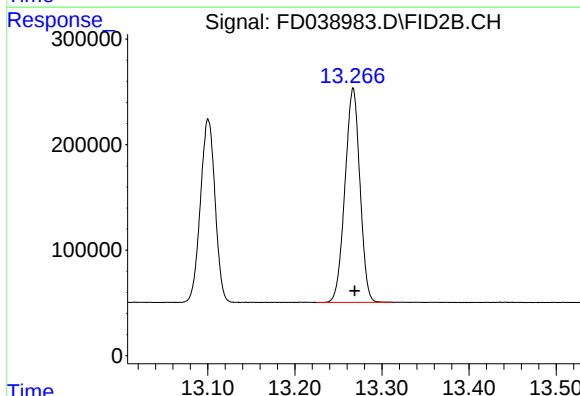
R.T.: 11.675 min
Delta R.T.: -0.004 min
Response: 2582026
Conc: 18.19 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



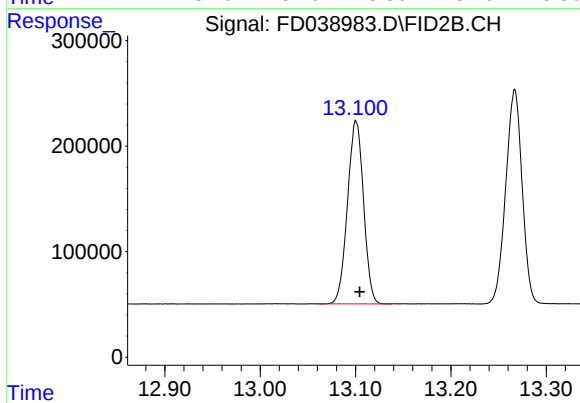
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: -0.003 min
Response: 2400150
Conc: 18.10 ug/ml



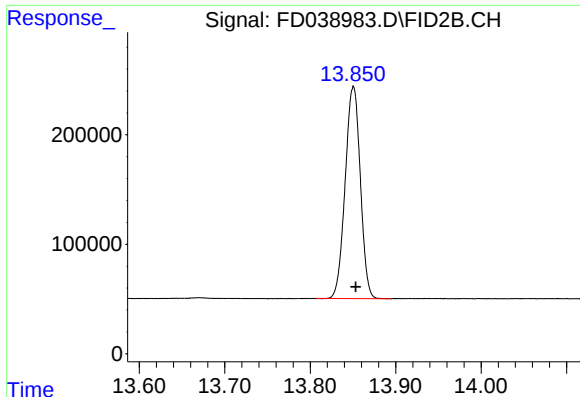
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: -0.002 min
Response: 2422984
Conc: 18.09 ug/ml



#12 1-chlorooctadecane (SURR)

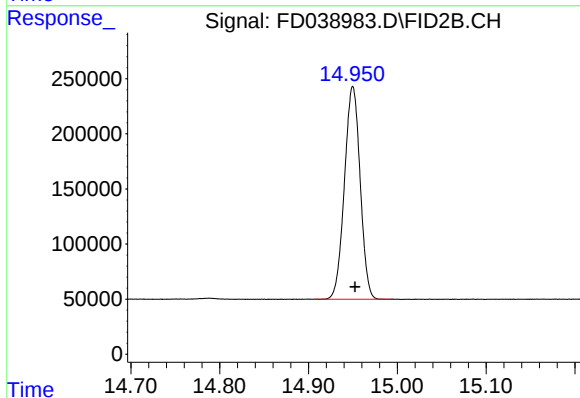
R.T.: 13.101 min
Delta R.T.: -0.004 min
Response: 2032806
Conc: 18.08 ug/ml



#13 n-Docosane (C22)

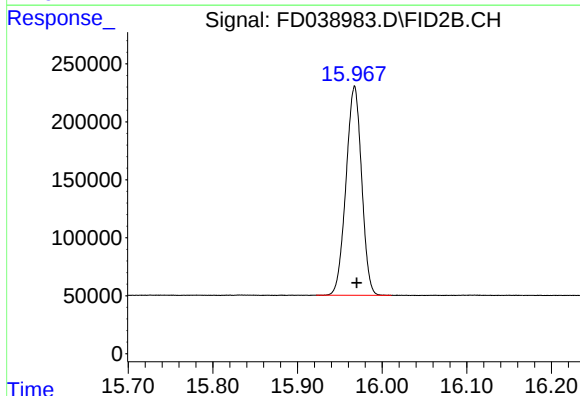
R.T.: 13.851 min
Delta R.T.: -0.003 min
Response: 2388447
Conc: 18.01 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



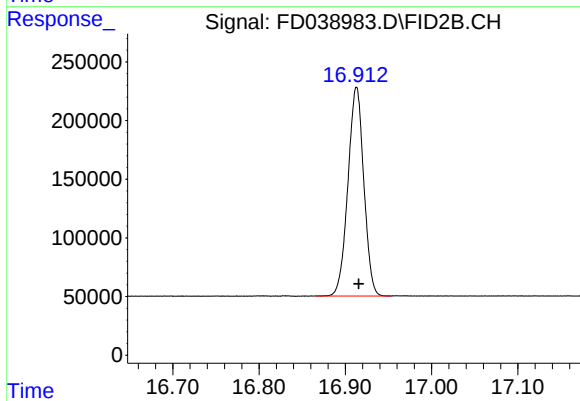
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: -0.002 min
Response: 2372870
Conc: 17.91 ug/ml



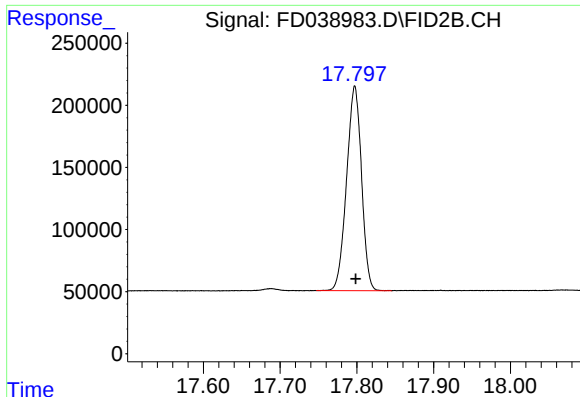
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: -0.002 min
Response: 2312849
Conc: 17.97 ug/ml



#16 n-Octacosane (C28)

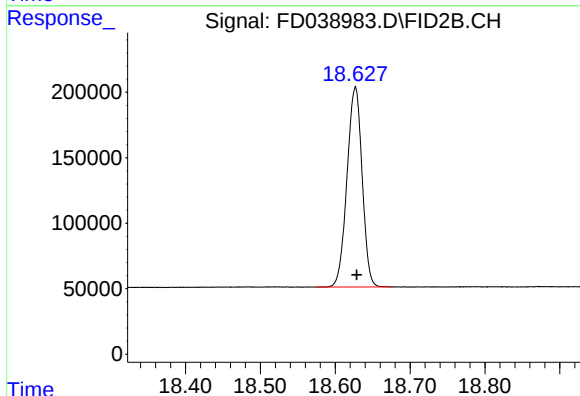
R.T.: 16.913 min
Delta R.T.: -0.003 min
Response: 2274798
Conc: 18.04 ug/ml



#17 n-Tricontane (C30)

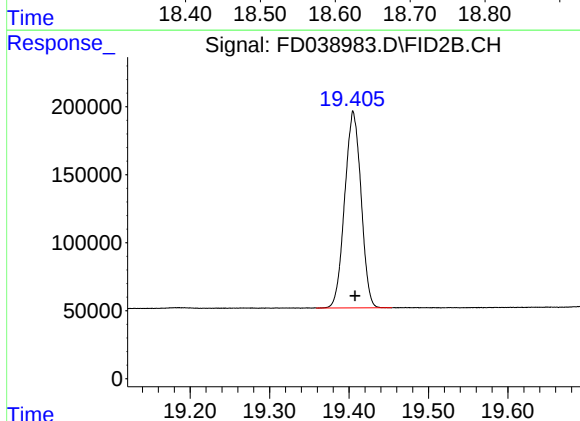
R.T.: 17.797 min
Delta R.T.: -0.001 min
Response: 2224930
Conc: 18.24 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



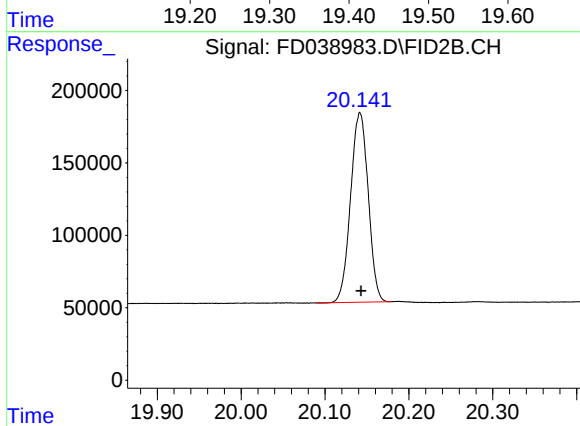
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: -0.002 min
Response: 2140038
Conc: 18.46 ug/ml



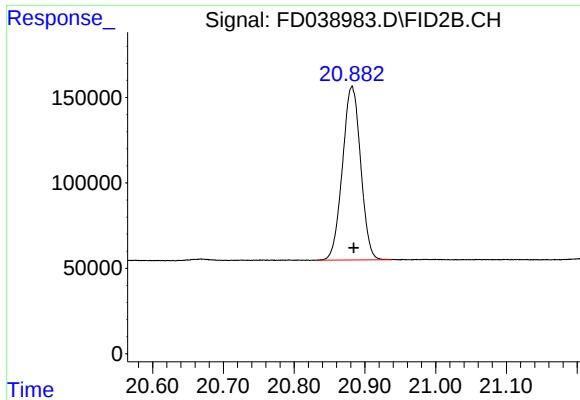
#19 n-Tetratriacontane (C34)

R.T.: 19.405 min
Delta R.T.: -0.002 min
Response: 2065564
Conc: 19.14 ug/ml



#20 n-Hexatriacontane (C36)

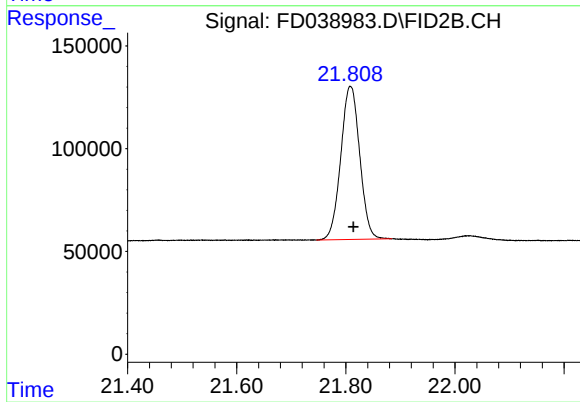
R.T.: 20.142 min
Delta R.T.: -0.001 min
Response: 1911459
Conc: 19.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.882 min
Delta R.T.: -0.003 min
Response: 1812498
Conc: 20.19 ug/ml

Instrument :
FID_D
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.808 min
Delta R.T.: -0.005 min
Response: 1793630
Conc: 20.36 ug/ml