

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083021AL\
 Data File : FD038719.D
 Signal(s) : FID2B.CH
 Acq On : 31 Aug 2021 2:24
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 31 04:35:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 04:34:35 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)	11.686	14374607	97.295 ug/ml
Spiked Amount 50.000		Recovery =	194.59%
12) S 1-chlorooctadecane (S...	13.109	11351568	97.161 ug/ml
Spiked Amount 50.000		Recovery =	194.32%
Target Compounds			
1) T n-Nonane (C9)	3.441	12559095	98.073 ug/ml
2) T n-Decane (C10)	4.512	12767201	97.993 ug/ml
3) T A~Naphthalene (C11.7)	6.104	14345081	97.902 ug/ml
4) T n-Dodecane (C12)	6.529	12933104	97.932 ug/ml
5) T A~2-methylnaphthalene...	7.160	14557010	97.830 ug/ml
6) T n-Tetradecane (C14)	8.322	13268776	97.725 ug/ml
7) T n-Hexadecane (C16)	9.919	13428872	97.429 ug/ml
8) T n-Octadecane (C18)	11.360	13692451	97.355 ug/ml
10) T n-Eicosane (C20)	12.665	13456126	96.958 ug/ml
11) T n-Heneicosane (C21)	13.276	13514255	96.828 ug/ml
13) T n-Docosane (C22)	13.860	13268294	96.800 ug/ml
14) T n-Tetracosane (C24)	14.960	12976880	96.622 ug/ml
15) T n-Hexacosane (C26)	15.976	12307820	96.549 ug/ml
16) T n-Octacosane (C28)	16.923	11731828	96.710 ug/ml
17) T n-Tricontane (C30)	17.806	11059887	96.264 ug/ml
18) T n-Dotriacontane (C32)	18.634	10379134	96.377 ug/ml
19) T n-Tetratriacontane (C34)	19.414	10066001	96.571 ug/ml
20) T n-Hexatriacontane (C36)	20.151	9567335	97.367 ug/ml
21) T n-Octatriacontane (C38)	20.896	9186187	97.313 ug/ml
22) T n-Tetracontane (C40)	21.830	9314399	98.050 ug/ml

(f)=RT Delta > 1/2 Window

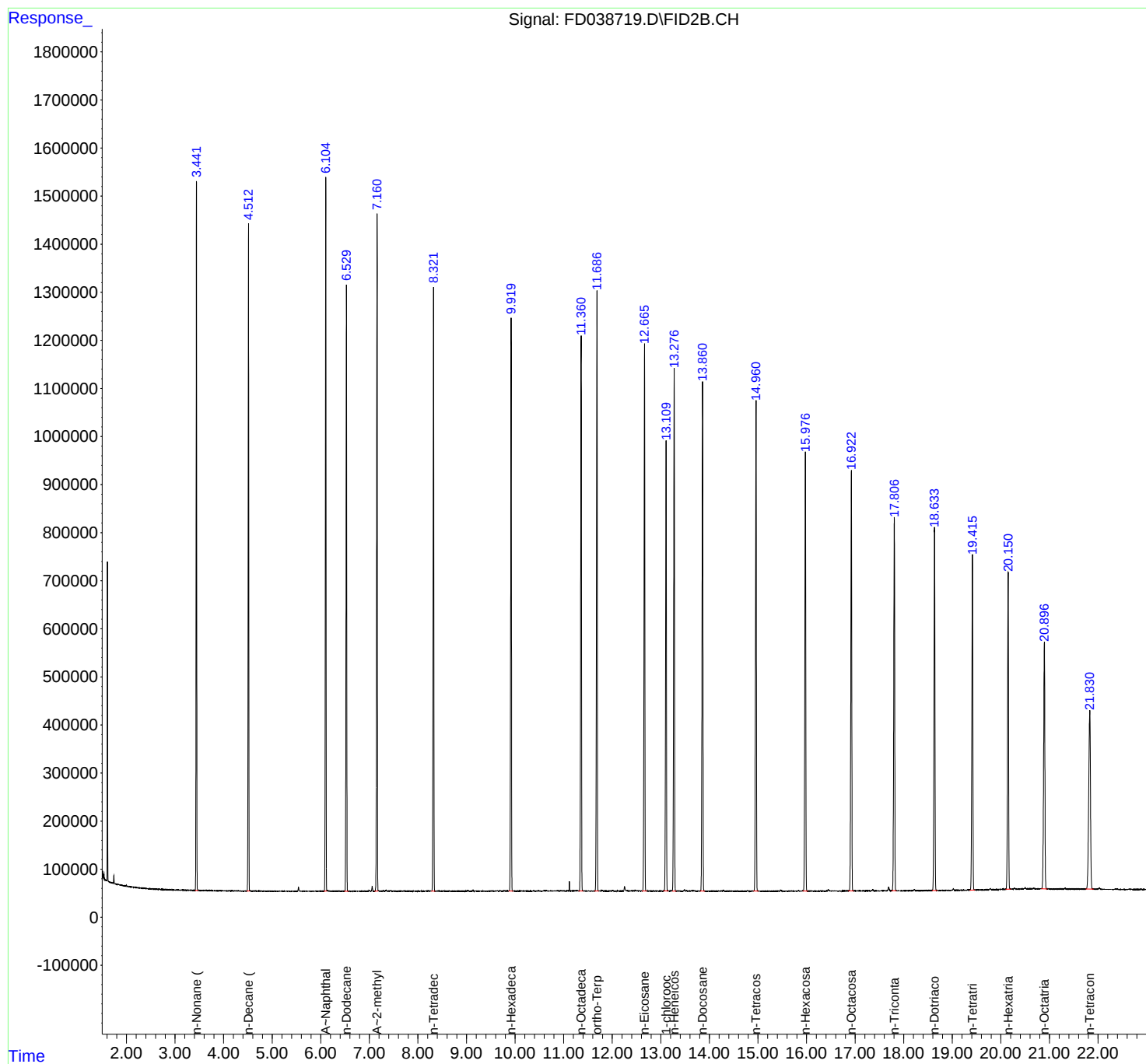
(m)=manual int.

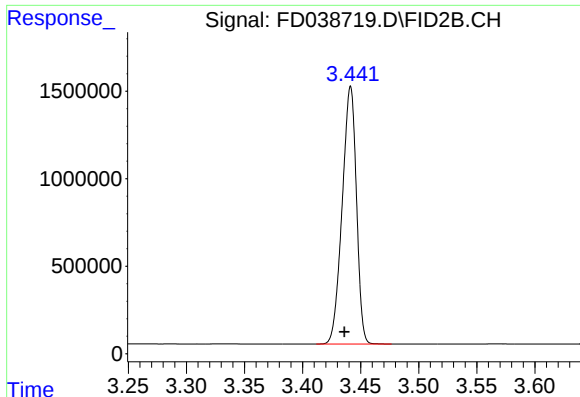
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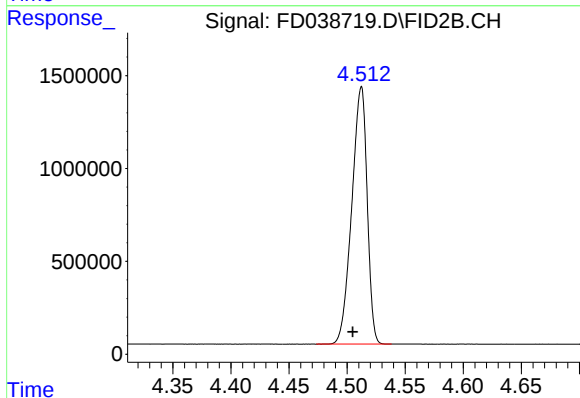




#1 n-Nonane (C9)

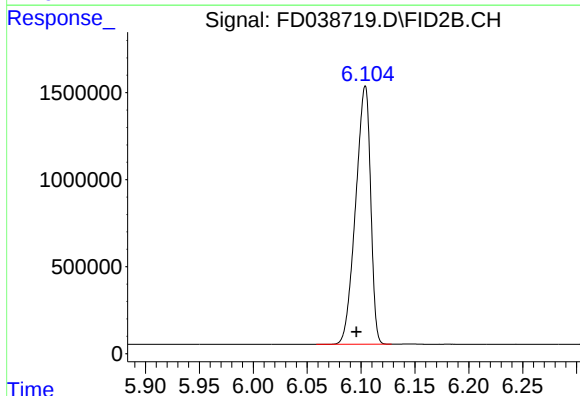
R.T.: 3.441 min
Delta R.T.: 0.005 min
Response: 12559095
Conc: 98.07 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



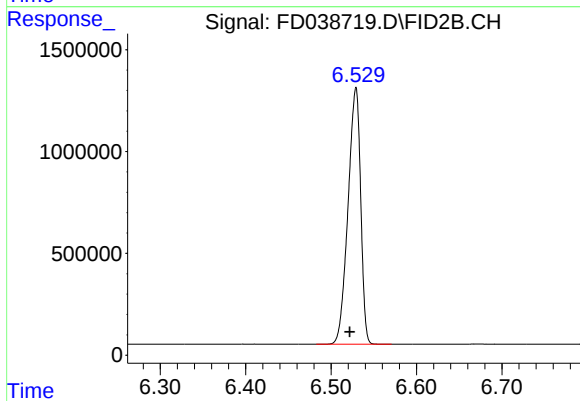
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: 0.008 min
Response: 12767201
Conc: 97.99 ug/ml



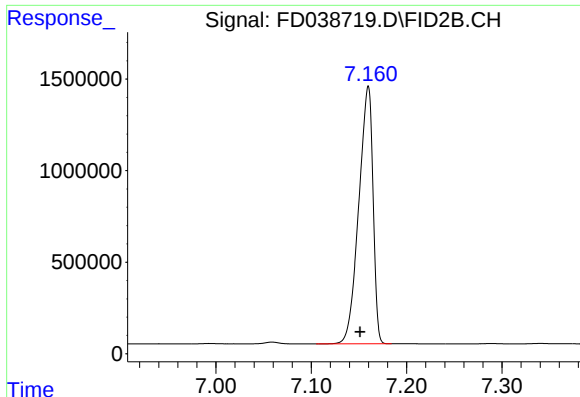
#3 A~Naphthalene (C11.7)

R.T.: 6.104 min
Delta R.T.: 0.008 min
Response: 14345081
Conc: 97.90 ug/ml



#4 n-Dodecane (C12)

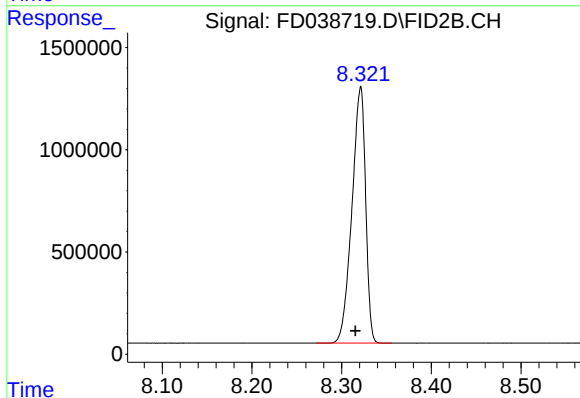
R.T.: 6.529 min
Delta R.T.: 0.007 min
Response: 12933104
Conc: 97.93 ug/ml



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

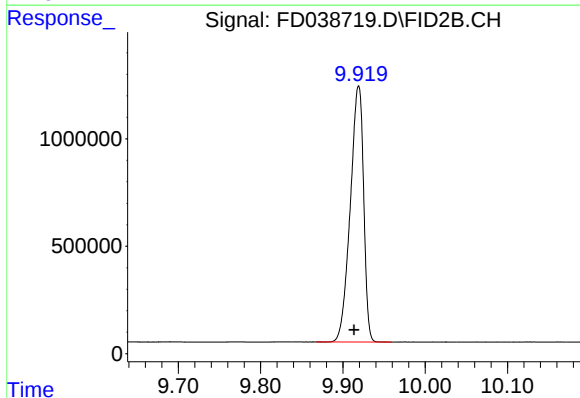
R.T.: 7.160 min
Delta R.T.: 0.009 min
Response: 14557010
Conc: 97.83 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



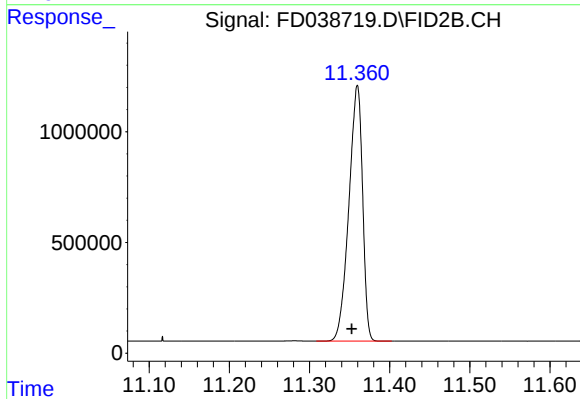
#6 n-Tetradecane (C14)

R.T.: 8.322 min
Delta R.T.: 0.006 min
Response: 13268776
Conc: 97.73 ug/ml



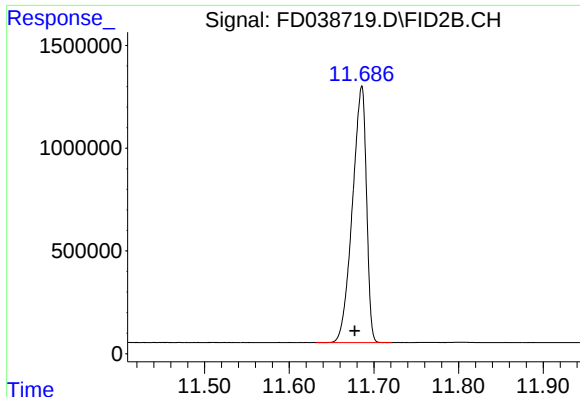
#7 n-Hexadecane (C16)

R.T.: 9.919 min
Delta R.T.: 0.005 min
Response: 13428872
Conc: 97.43 ug/ml



#8 n-Octadecane (C18)

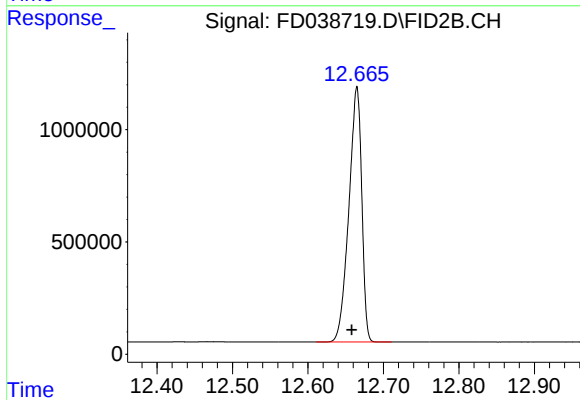
R.T.: 11.360 min
Delta R.T.: 0.007 min
Response: 13692451
Conc: 97.36 ug/ml



#9 ortho-Terphenyl (SURR)

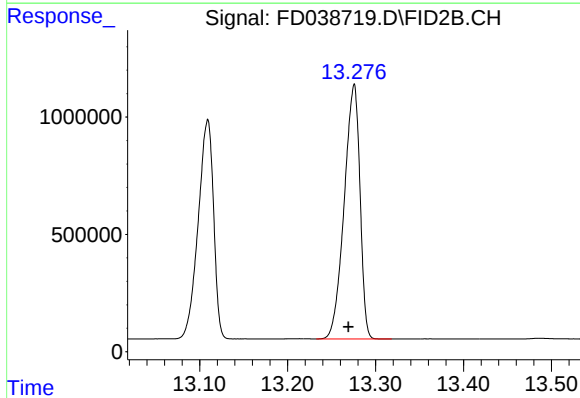
R.T.: 11.686 min
Delta R.T.: 0.009 min
Response: 14374607
Conc: 97.30 ug/ml

Instrument :
FID_D
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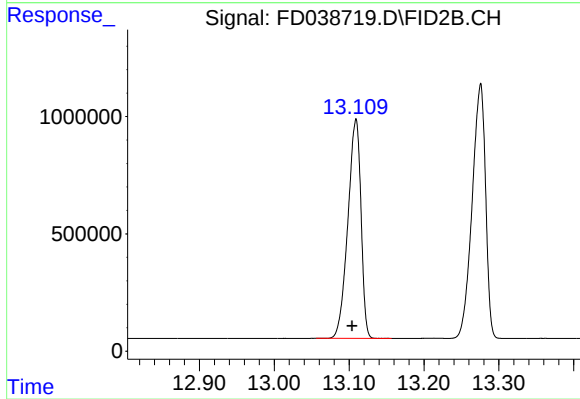
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: 0.007 min
Response: 13456126
Conc: 96.96 ug/ml



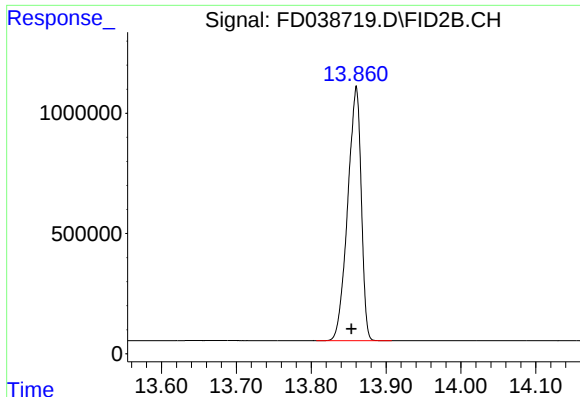
#11 n-Heneicosane (C21)

R.T.: 13.276 min
Delta R.T.: 0.007 min
Response: 13514255
Conc: 96.83 ug/ml



#12 1-chlorooctadecane (SURR)

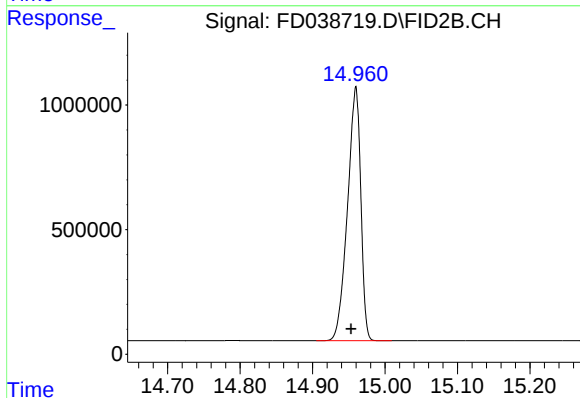
R.T.: 13.109 min
Delta R.T.: 0.005 min
Response: 11351568
Conc: 97.16 ug/ml



#13 n-Docosane (C22)

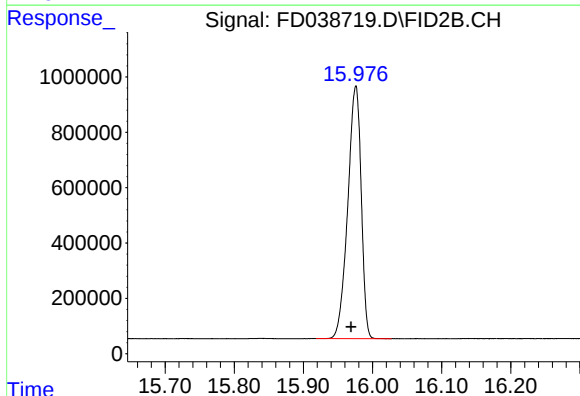
R.T.: 13.860 min
Delta R.T.: 0.007 min
Response: 13268294
Conc: 96.80 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



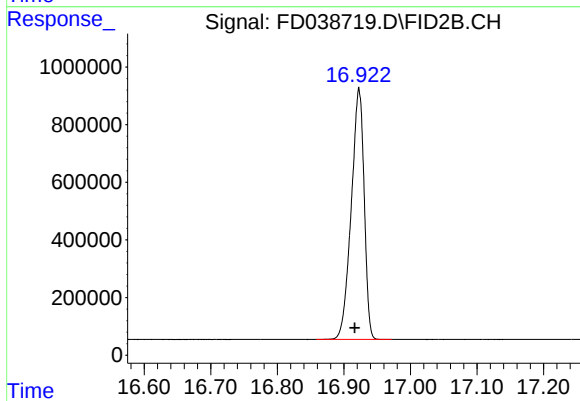
#14 n-Tetracosane (C24)

R.T.: 14.960 min
Delta R.T.: 0.006 min
Response: 12976880
Conc: 96.62 ug/ml



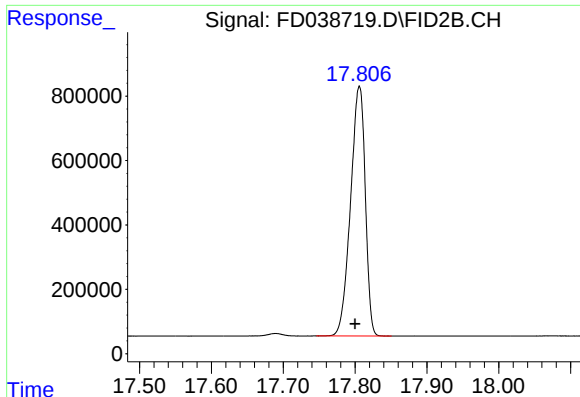
#15 n-Hexacosane (C26)

R.T.: 15.976 min
Delta R.T.: 0.007 min
Response: 12307820
Conc: 96.55 ug/ml



#16 n-Octacosane (C28)

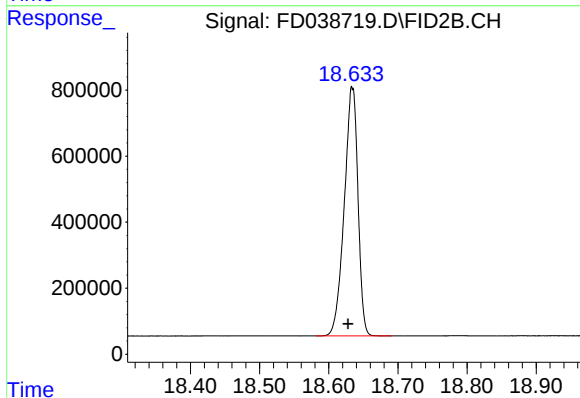
R.T.: 16.923 min
Delta R.T.: 0.006 min
Response: 11731828
Conc: 96.71 ug/ml



#17 n-Tricontane (C30)

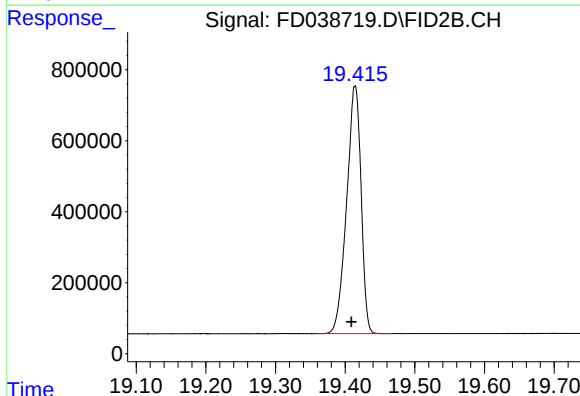
R.T.: 17.806 min
Delta R.T.: 0.006 min
Response: 11059887
Conc: 96.26 ug/ml

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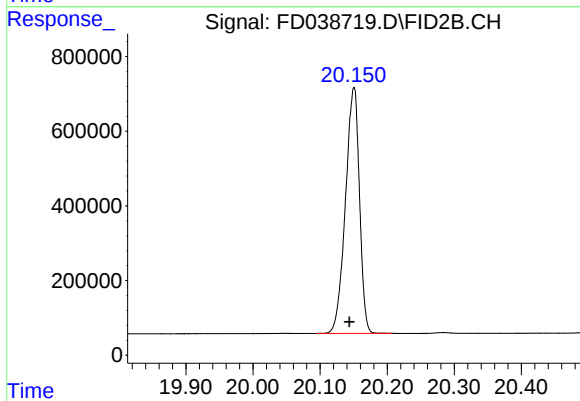
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: 0.006 min
Response: 10379134
Conc: 96.38 ug/ml



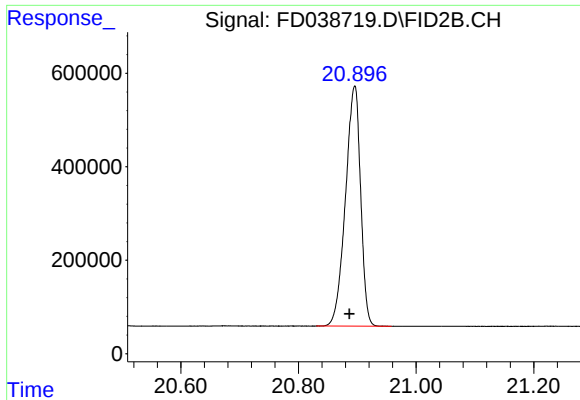
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: 0.005 min
Response: 10066001
Conc: 96.57 ug/ml



#20 n-Hexatriacontane (C36)

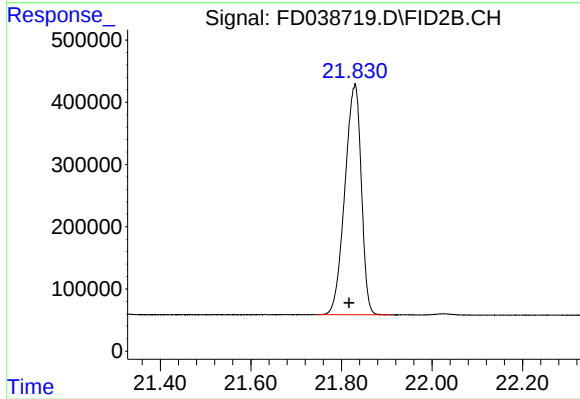
R.T.: 20.151 min
Delta R.T.: 0.007 min
Response: 9567335
Conc: 97.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.896 min
Delta R.T.: 0.009 min
Response: 9186187
Conc: 97.31 ug/ml

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100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.830 min
Delta R.T.: 0.013 min
Response: 9314399
Conc: 98.05 ug/ml