

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012020AL\
 Data File : FD032046.D
 Signal(s) : FID2B.CH
 Acq On : 20 Jan 2020 11:58
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jan 21 01:05:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 01:05:13 2020
 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)	11.538	2628685	19.028 ug/ml
Spiked Amount 50.000		Recovery =	38.06%
12) S 1-chlorooctadecane (S...	12.968	1999773	18.358 ug/ml
Spiked Amount 50.000		Recovery =	36.72%
Target Compounds			
1) T n-Nonane (C9)	3.334	2453222	20.872 ug/ml
2) T n-Decane (C10)	4.399	2475541	21.013 ug/ml
3) T A~Naphthalene (C11.7)	5.977	2775326	20.978 ug/ml
4) T n-Dodecane (C12)	6.408	2500191	21.007 ug/ml
5) T A~2-methylnaphthalene...	7.029	2785098	20.778 ug/ml
6) T n-Tetradecane (C14)	8.194	2489545	20.512 ug/ml
7) T n-Hexadecane (C16)	9.787	2476691	19.982 ug/ml
8) T n-Octadecane (C18)	11.223	2448108	19.386 ug/ml
10) T n-Eicosane (C20)	12.526	2405554	18.852 ug/ml
11) T n-Heneicosane (C21)	13.135	2387230	18.533 ug/ml
13) T n-Docosane (C22)	13.718	2381430	18.511 ug/ml
14) T n-Tetracosane (C24)	14.815	2397129	18.459 ug/ml
15) T n-Hexacosane (C26)	15.832	2476746	19.216 ug/ml
16) T n-Octacosane (C28)	16.776	2517562	19.751 ug/ml
17) T n-Tricontane (C30)	17.660	2379248	19.408 ug/ml
18) T n-Dotriacontane (C32)	18.488	1989787	19.007 ug/ml
19) T n-Tetratriacontane (C34)	19.266	1605860	18.158 ug/ml
20) T n-Hexatriacontane (C36)	20.002	1411157	17.906 ug/ml
21) T n-Octatriacontane (C38)	20.720	1328349	18.015 ug/ml
22) T n-Tetracontane (C40)	21.591	1495788	19.763 ug/ml

(f)=RT Delta > 1/2 Window

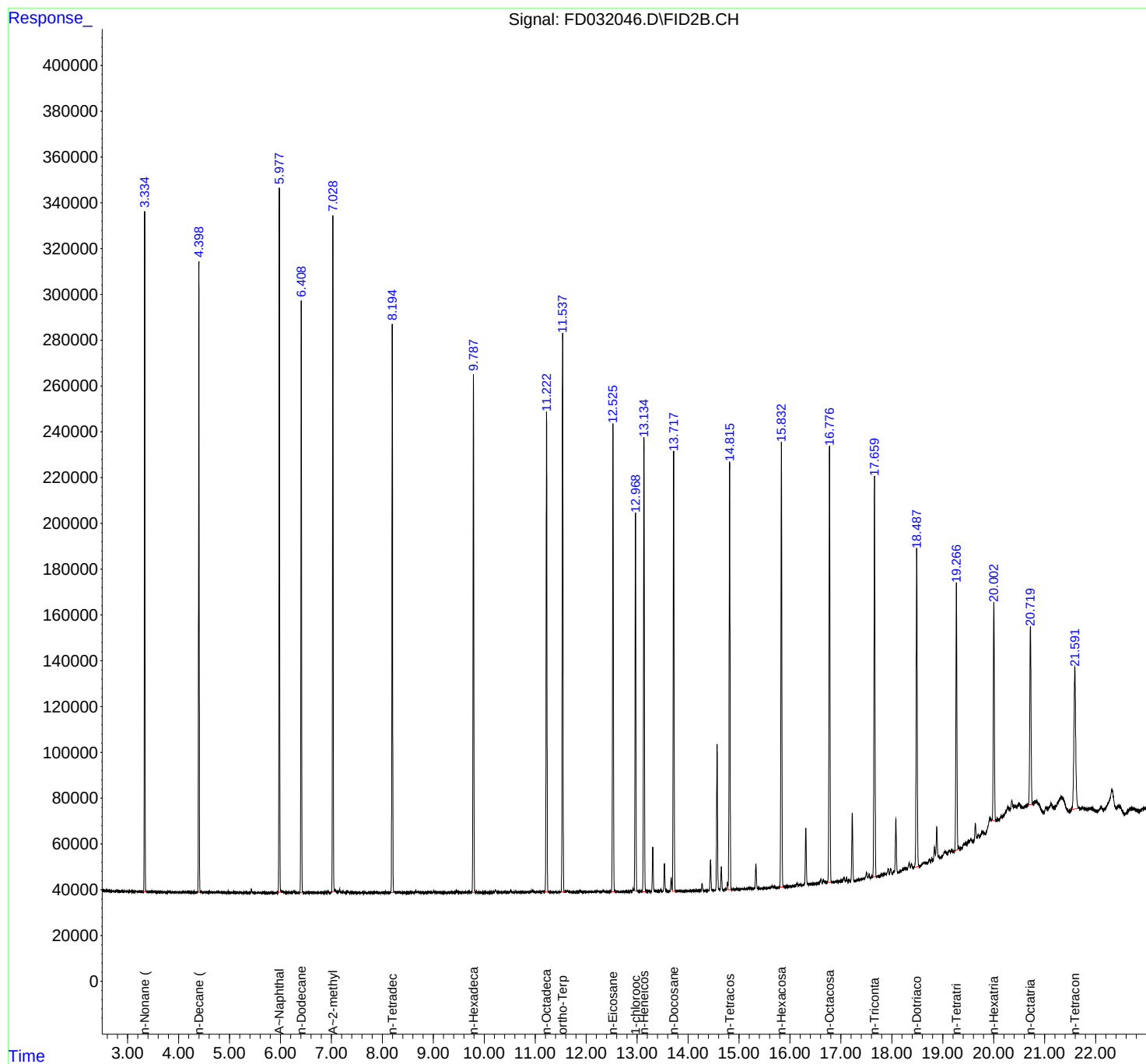
(m)=manual int.

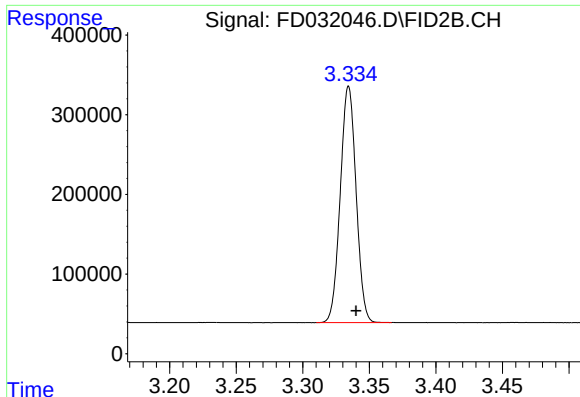
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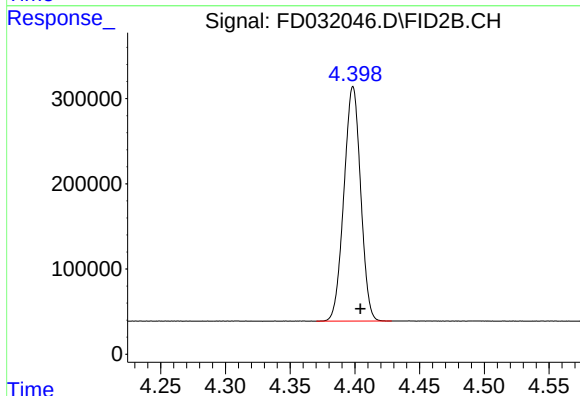




#1 n-Nonane (C9)

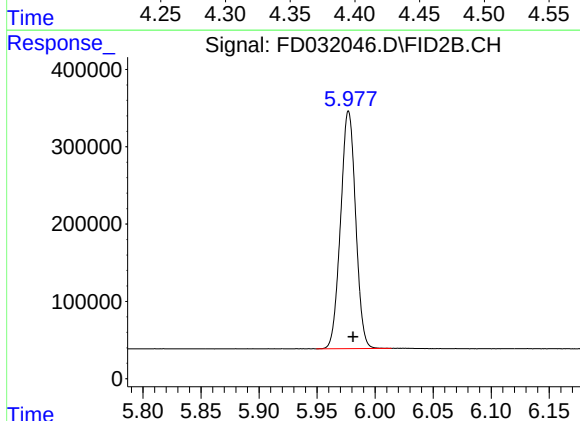
R.T.: 3.334 min
Delta R.T.: -0.006 min
Response: 2453222
Conc: 20.87 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



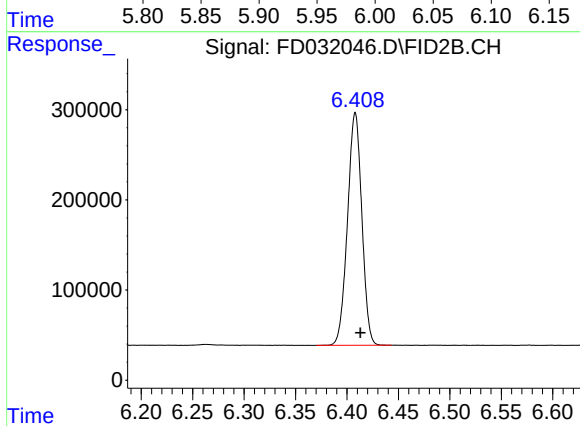
#2 n-Decane (C10)

R.T.: 4.399 min
Delta R.T.: -0.006 min
Response: 2475541
Conc: 21.01 ug/ml



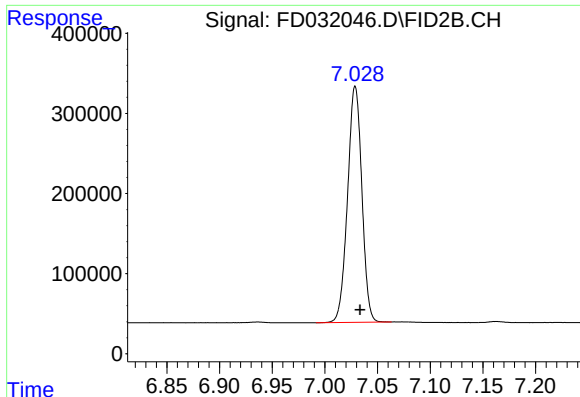
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: -0.004 min
Response: 2775326
Conc: 20.98 ug/ml



#4 n-Dodecane (C12)

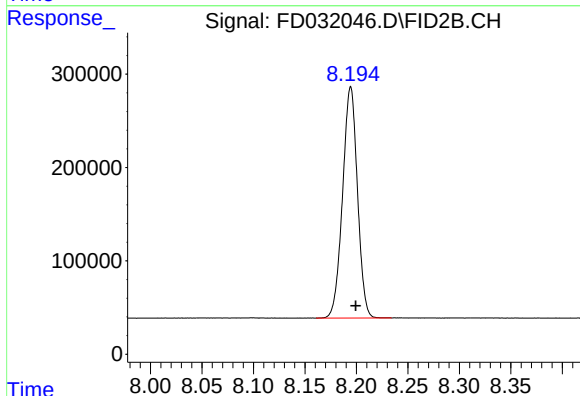
R.T.: 6.408 min
Delta R.T.: -0.005 min
Response: 2500191
Conc: 21.01 ug/ml



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

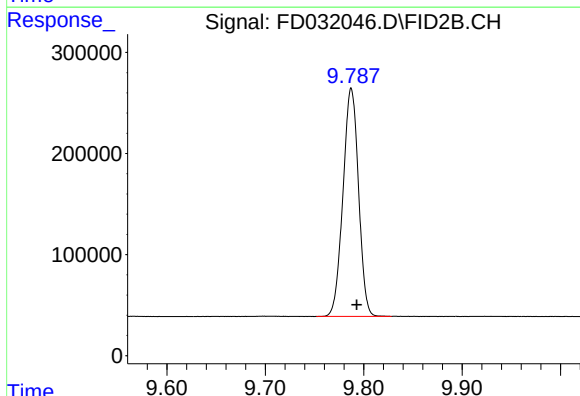
R.T.: 7.029 min
Delta R.T.: -0.005 min
Response: 2785098
Conc: 20.78 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



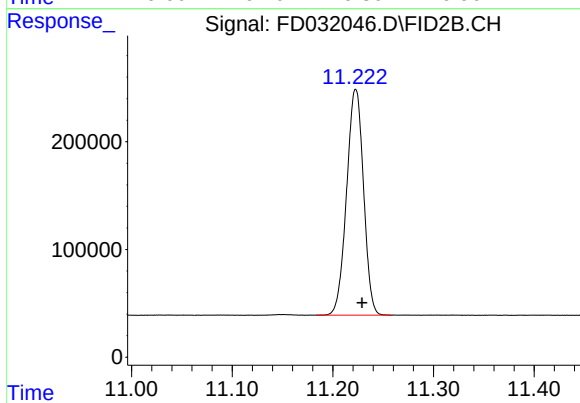
#6 n-Tetradecane (C14)

R.T.: 8.194 min
Delta R.T.: -0.005 min
Response: 2489545
Conc: 20.51 ug/ml



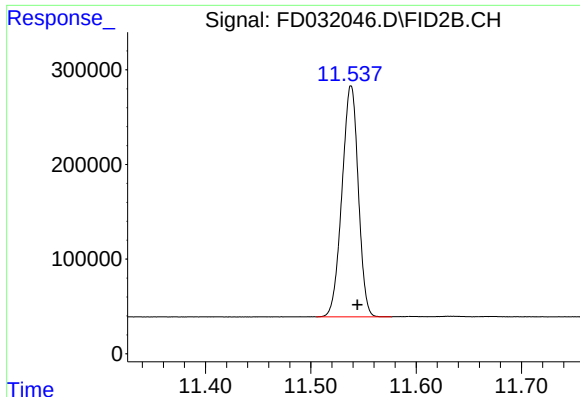
#7 n-Hexadecane (C16)

R.T.: 9.787 min
Delta R.T.: -0.005 min
Response: 2476691
Conc: 19.98 ug/ml



#8 n-Octadecane (C18)

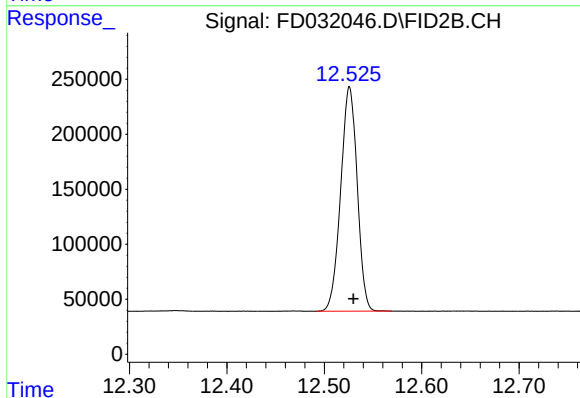
R.T.: 11.223 min
Delta R.T.: -0.006 min
Response: 2448108
Conc: 19.39 ug/ml



#9 ortho-Terphenyl (SURR)

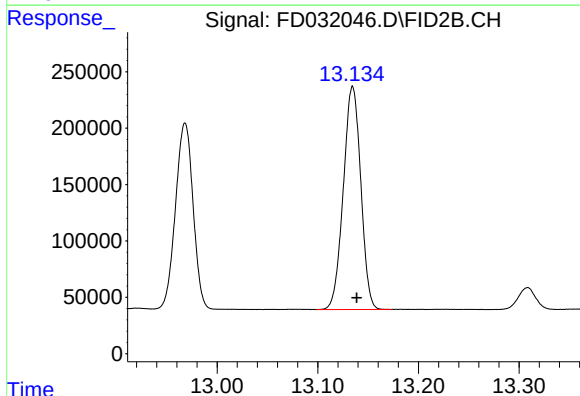
R.T.: 11.538 min
Delta R.T.: -0.006 min
Response: 2628685
Conc: 19.03 ug/ml

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20 PPM ALIPHATIC HC STD



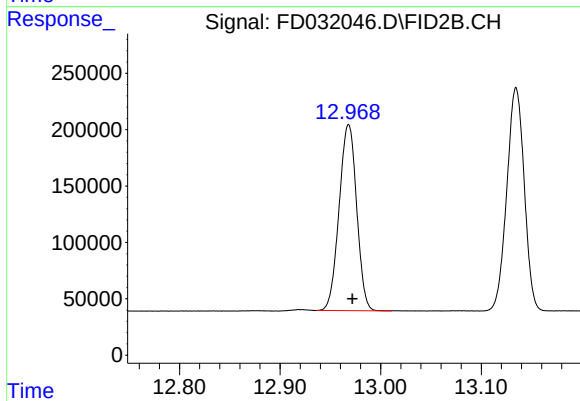
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: -0.004 min
Response: 2405554
Conc: 18.85 ug/ml



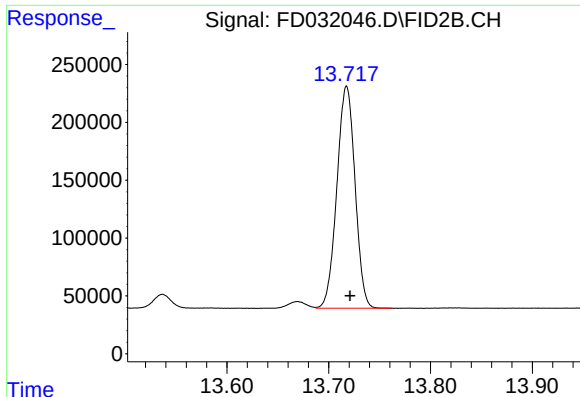
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: -0.004 min
Response: 2387230
Conc: 18.53 ug/ml



#12 1-chlorooctadecane (SURR)

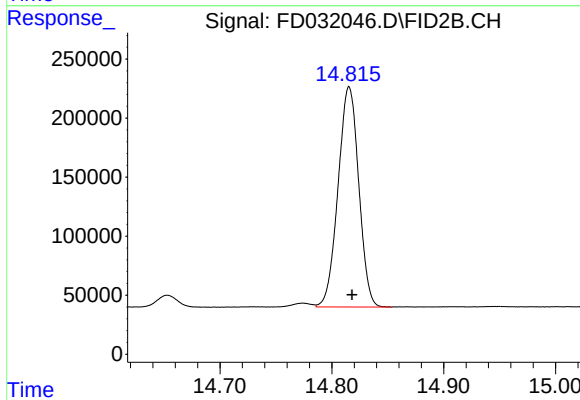
R.T.: 12.968 min
Delta R.T.: -0.004 min
Response: 1999773
Conc: 18.36 ug/ml



#13 n-Docosane (C22)

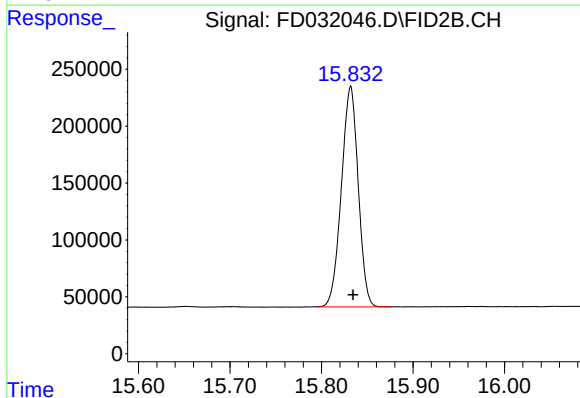
R.T.: 13.718 min
Delta R.T.: -0.003 min
Response: 2381430
Conc: 18.51 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



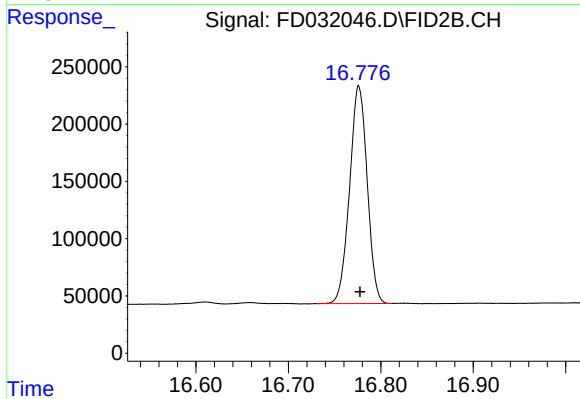
#14 n-Tetracosane (C24)

R.T.: 14.815 min
Delta R.T.: -0.003 min
Response: 2397129
Conc: 18.46 ug/ml



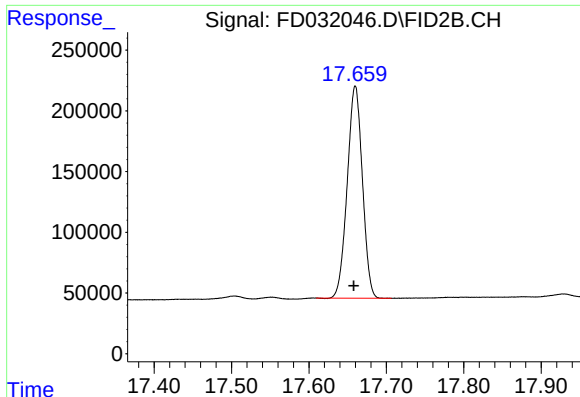
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: -0.002 min
Response: 2476746
Conc: 19.22 ug/ml



#16 n-Octacosane (C28)

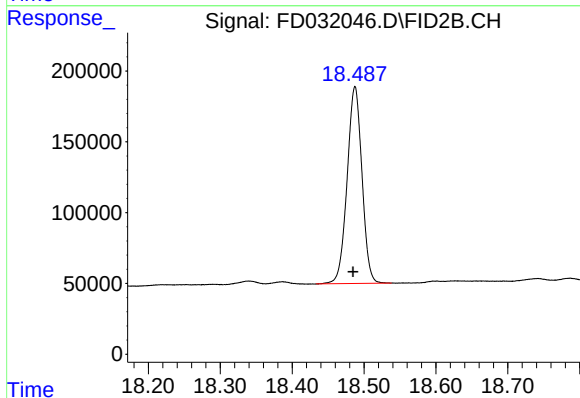
R.T.: 16.776 min
Delta R.T.: -0.001 min
Response: 2517562
Conc: 19.75 ug/ml



#17 n-Tricontane (C30)

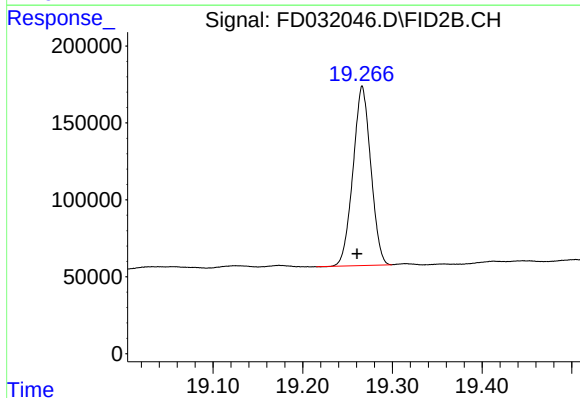
R.T.: 17.660 min
Delta R.T.: 0.002 min
Response: 2379248
Conc: 19.41 ug/ml

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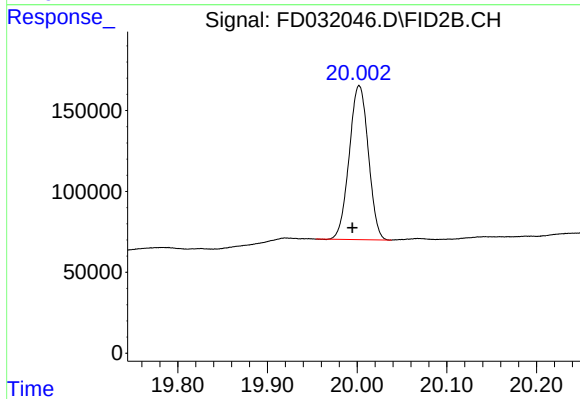
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: 0.003 min
Response: 1989787
Conc: 19.01 ug/ml



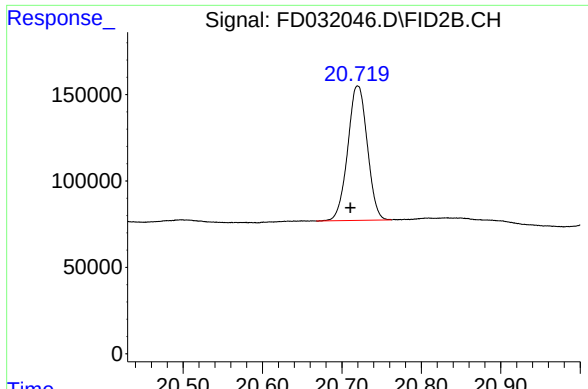
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: 0.006 min
Response: 1605860
Conc: 18.16 ug/ml



#20 n-Hexatriacontane (C36)

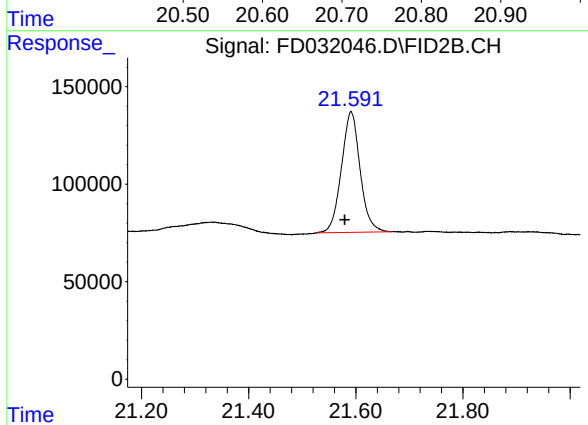
R.T.: 20.002 min
Delta R.T.: 0.008 min
Response: 1411157
Conc: 17.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.720 min
Delta R.T.: 0.009 min
Response: 1328349
Conc: 18.01 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: 0.012 min
Response: 1495788
Conc: 19.76 ug/ml