

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062521AL\
 Data File : FD038003.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jun 2021 2:26
 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: Jun 26 04:19:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 05:11:15 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)	11.428	2567857	18.094 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
12) S 1-chlorooctadecane (S...	12.863	1949653	17.487 ug/ml
Spiked Amount 50.000		Recovery =	34.97%
Target Compounds			
1) T n-Nonane (C9)	3.242	2424774	20.055 ug/ml
2) T n-Decane (C10)	4.298	2460739	20.075 ug/ml
3) T A~Naphthalene (C11.7)	5.868	2699965	20.021 ug/ml
4) T n-Dodecane (C12)	6.305	2497407	20.343 ug/ml
5) T A~2-methylnaphthalene...	6.919	2693066	19.888 ug/ml
6) T n-Tetradecane (C14)	8.091	2521123	20.090 ug/ml
7) T n-Hexadecane (C16)	9.684	2479851	19.376 ug/ml
8) T n-Octadecane (C18)	11.119	2473130	18.716 ug/ml
10) T n-Eicosane (C20)	12.422	2376235	18.004 ug/ml
11) T n-Heneicosane (C21)	13.030	2353119	17.733 ug/ml
13) T n-Docosane (C22)	13.614	2295717	17.510 ug/ml
14) T n-Tetracosane (C24)	14.711	2247217	17.221 ug/ml
15) T n-Hexacosane (C26)	15.726	2112854	16.647 ug/ml
16) T n-Octacosane (C28)	16.670	2043698	16.470 ug/ml
17) T n-Tricontane (C30)	17.553	2005480	16.667 ug/ml
18) T n-Dotriacontane (C32)	18.382	1957338	17.101 ug/ml
19) T n-Tetratriacontane (C34)	19.162	1912492	17.694 ug/ml
20) T n-Hexatriacontane (C36)	19.897	1833382	18.359 ug/ml
21) T n-Octatriacontane (C38)	20.602	1781131	19.391 ug/ml
22) T n-Tetracontane (C40)	21.434	1884980	19.817 ug/ml

(f)=RT Delta > 1/2 Window

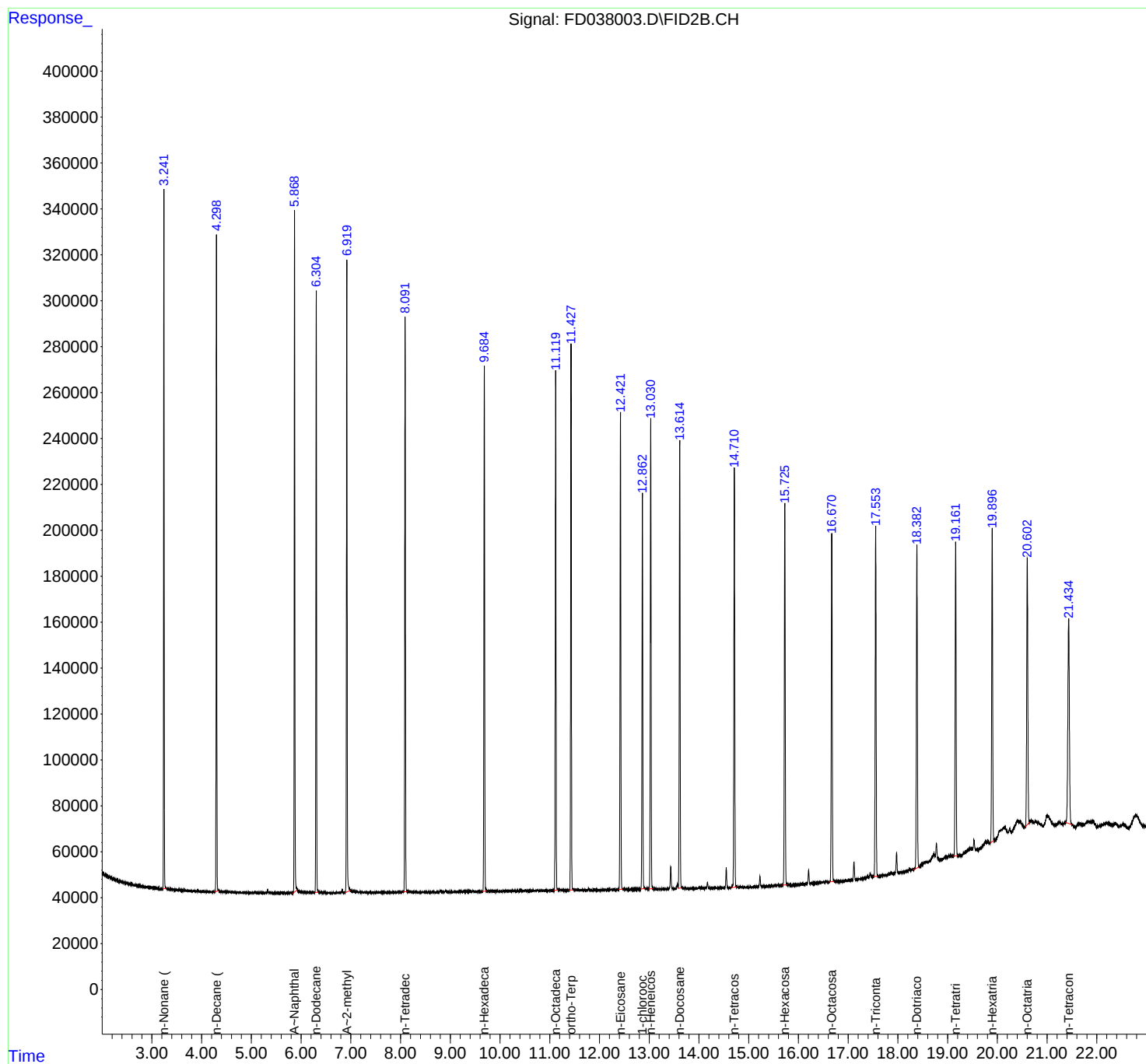
(m)=manual int.

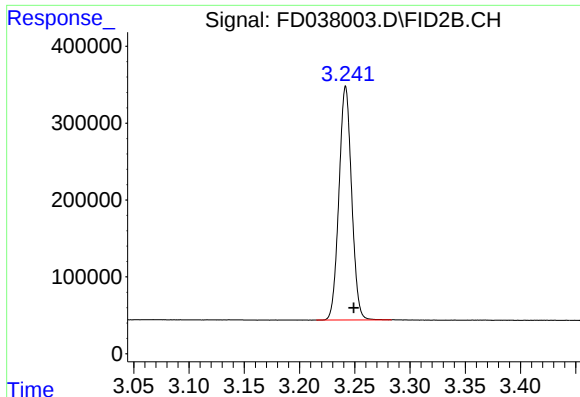
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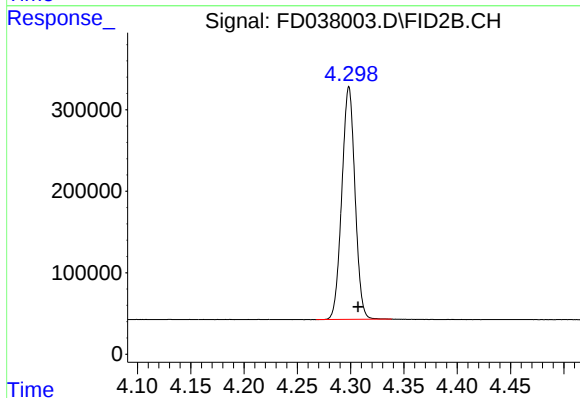




#1 n-Nonane (C9)

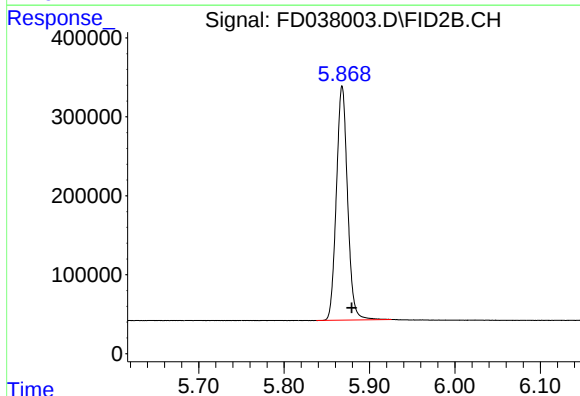
R.T.: 3.242 min
Delta R.T.: -0.007 min
Response: 2424774
Conc: 20.06 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



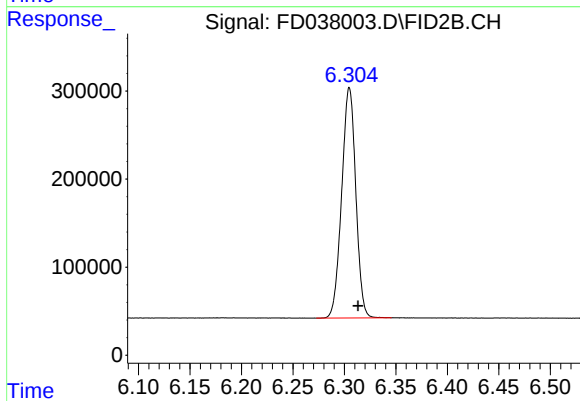
#2 n-Decane (C10)

R.T.: 4.298 min
Delta R.T.: -0.008 min
Response: 2460739
Conc: 20.08 ug/ml



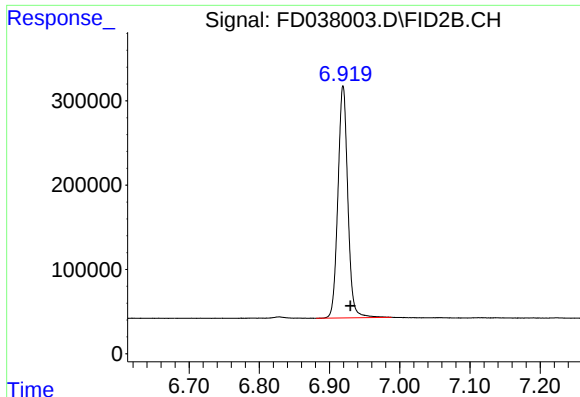
#3 A~Naphthalene (C11.7)

R.T.: 5.868 min
Delta R.T.: -0.011 min
Response: 2699965
Conc: 20.02 ug/ml



#4 n-Dodecane (C12)

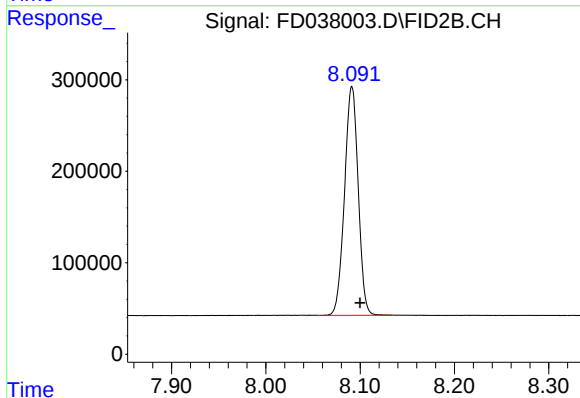
R.T.: 6.305 min
Delta R.T.: -0.008 min
Response: 2497407
Conc: 20.34 ug/ml



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

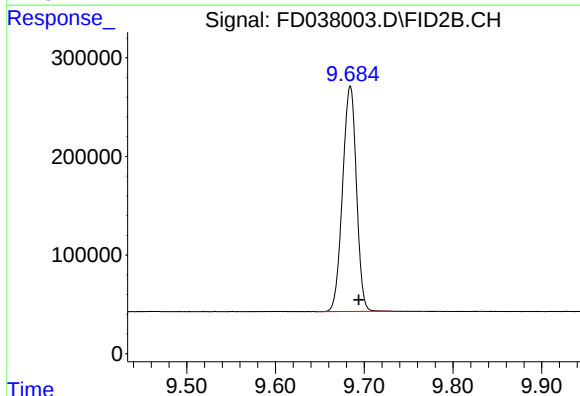
R.T.: 6.919 min
Delta R.T.: -0.010 min
Response: 2693066
Conc: 19.89 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



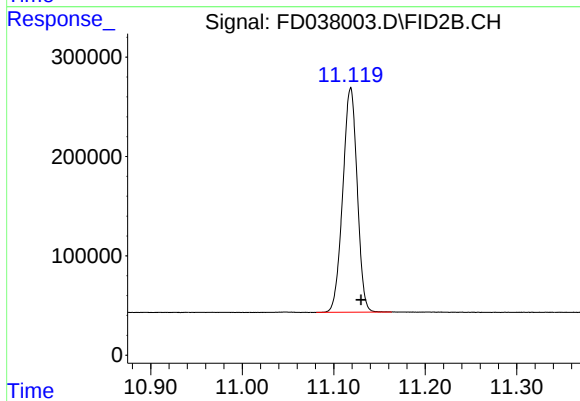
#6 n-Tetradecane (C14)

R.T.: 8.091 min
Delta R.T.: -0.009 min
Response: 2521123
Conc: 20.09 ug/ml



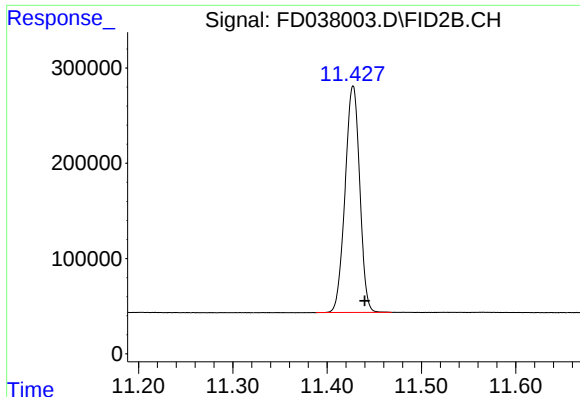
#7 n-Hexadecane (C16)

R.T.: 9.684 min
Delta R.T.: -0.009 min
Response: 2479851
Conc: 19.38 ug/ml



#8 n-Octadecane (C18)

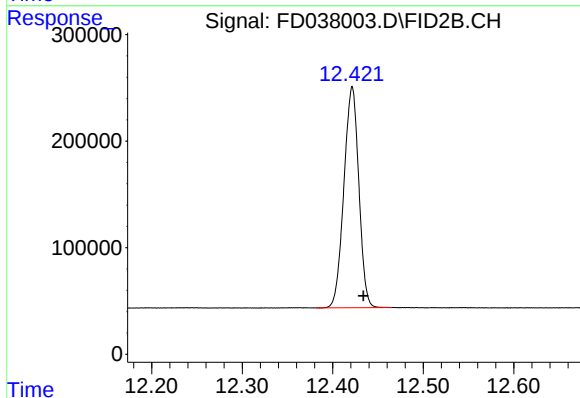
R.T.: 11.119 min
Delta R.T.: -0.011 min
Response: 2473130
Conc: 18.72 ug/ml



#9 ortho-Terphenyl (SURR)

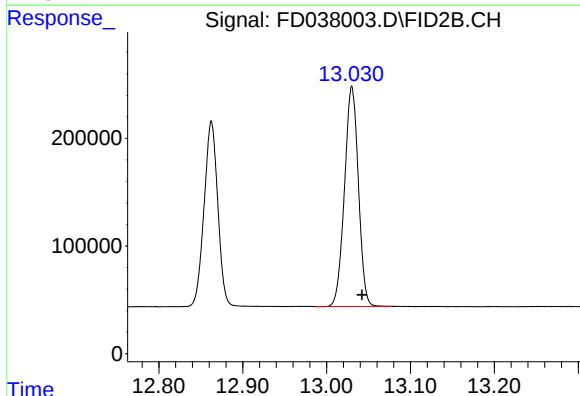
R.T.: 11.428 min
Delta R.T.: -0.012 min
Response: 2567857
Conc: 18.09 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



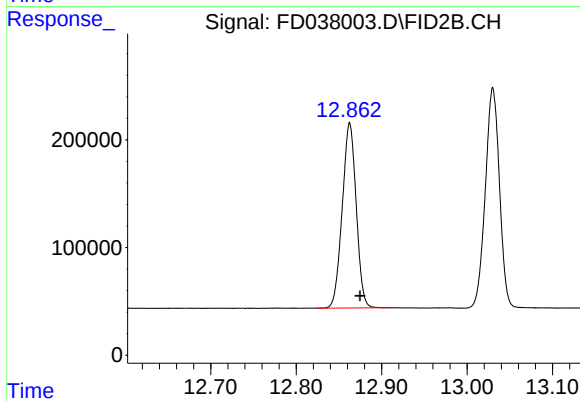
#10 n-Eicosane (C20)

R.T.: 12.422 min
Delta R.T.: -0.012 min
Response: 2376235
Conc: 18.00 ug/ml



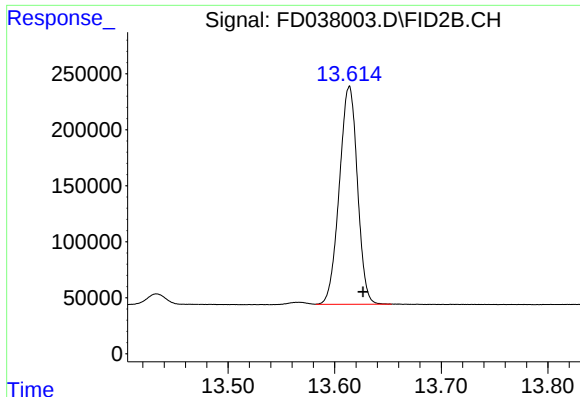
#11 n-Heneicosane (C21)

R.T.: 13.030 min
Delta R.T.: -0.012 min
Response: 2353119
Conc: 17.73 ug/ml



#12 1-chlorooctadecane (SURR)

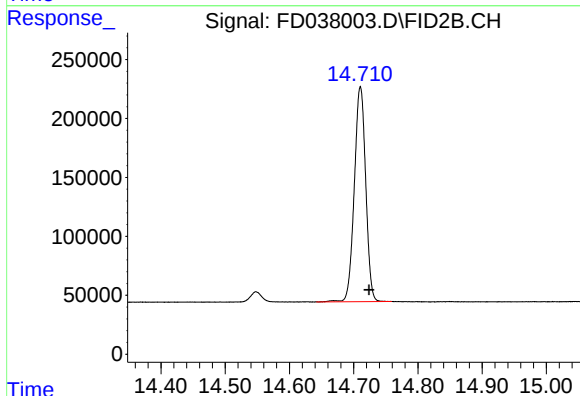
R.T.: 12.863 min
Delta R.T.: -0.012 min
Response: 1949653
Conc: 17.49 ug/ml



#13 n-Docosane (C22)

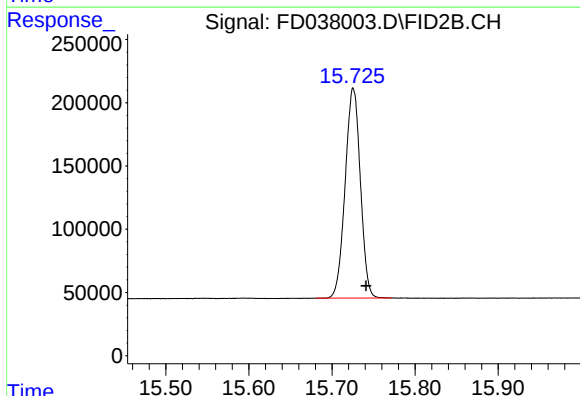
R.T.: 13.614 min
Delta R.T.: -0.013 min
Response: 2295717
Conc: 17.51 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



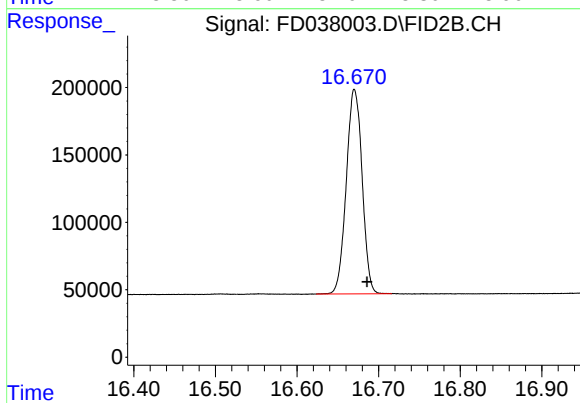
#14 n-Tetracosane (C24)

R.T.: 14.711 min
Delta R.T.: -0.013 min
Response: 2247217
Conc: 17.22 ug/ml



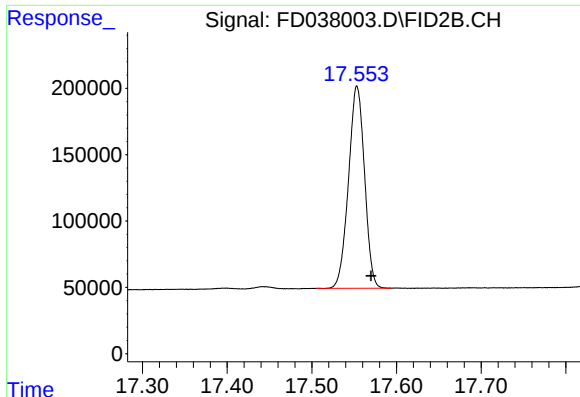
#15 n-Hexacosane (C26)

R.T.: 15.726 min
Delta R.T.: -0.015 min
Response: 2112854
Conc: 16.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.670 min
Delta R.T.: -0.016 min
Response: 2043698
Conc: 16.47 ug/ml



#17 n-Tricontane (C30)

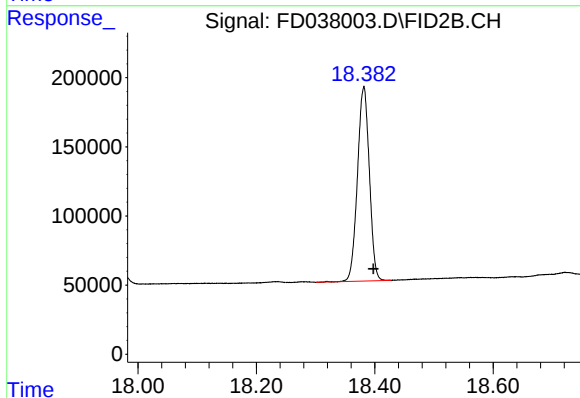
R.T.: 17.553 min

Delta R.T.: -0.017 min

Response: 2005480

Conc: 16.67 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



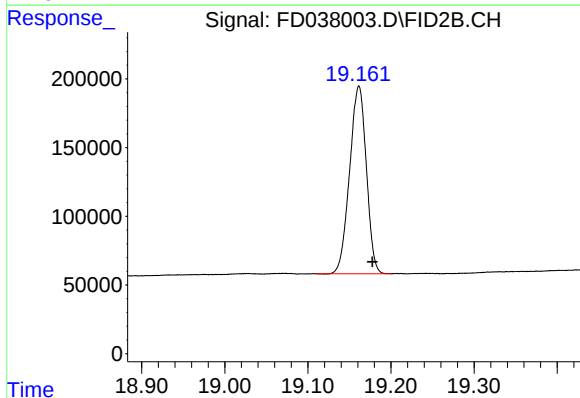
#18 n-Dotriacontane (C32)

R.T.: 18.382 min

Delta R.T.: -0.016 min

Response: 1957338

Conc: 17.10 ug/ml



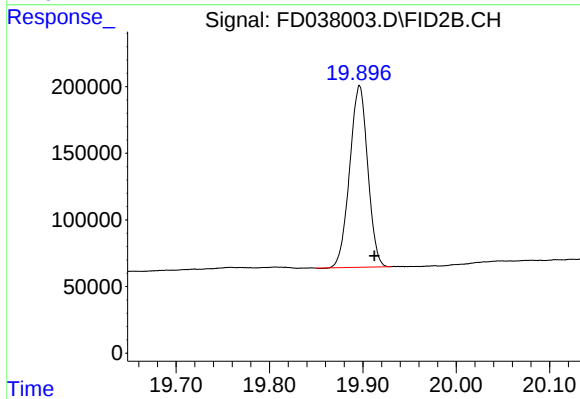
#19 n-Tetratriacontane (C34)

R.T.: 19.162 min

Delta R.T.: -0.016 min

Response: 1912492

Conc: 17.69 ug/ml



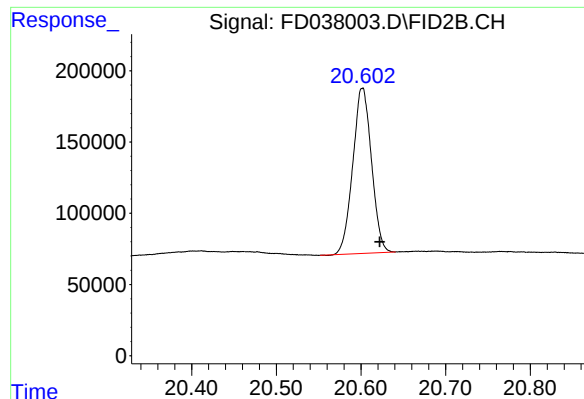
#20 n-Hexatriacontane (C36)

R.T.: 19.897 min

Delta R.T.: -0.016 min

Response: 1833382

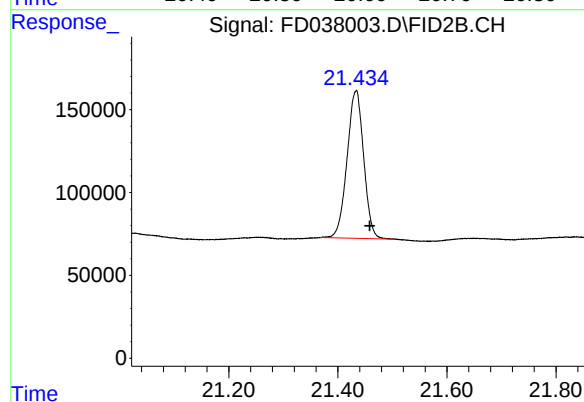
Conc: 18.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.602 min
Delta R.T.: -0.020 min
Response: 1781131
Conc: 19.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.434 min
Delta R.T.: -0.025 min
Response: 1884980
Conc: 19.82 ug/ml