

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031021AL\
 Data File : FD036338.D
 Signal(s) : FID2B.CH
 Acq On : 10 Mar 2021 11:21
 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: autoint1.e
 Quant Time: Mar 11 00:43:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 02:25:05 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)	11.501	2627369	18.570 ug/ml
Spiked Amount 50.000		Recovery =	37.14%
12) S 1-chlorooctadecane (S...	12.932	2052482	17.961 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
Target Compounds			
1) T n-Nonane (C9)	3.298	2307936	19.265 ug/ml
2) T n-Decane (C10)	4.360	2336821	19.302 ug/ml
3) T A~Naphthalene (C11.7)	5.936	2623765	19.260 ug/ml
4) T n-Dodecane (C12)	6.371	2387925	19.302 ug/ml
5) T A~2-methylnaphthalene...	6.987	2673006	19.160 ug/ml
6) T n-Tetradecane (C14)	8.159	2406225	19.158 ug/ml
7) T n-Hexadecane (C16)	9.752	2366287	18.803 ug/ml
8) T n-Octadecane (C18)	11.188	2451630	18.500 ug/ml
10) T n-Eicosane (C20)	12.491	2446689	18.186 ug/ml
11) T n-Heneicosane (C21)	13.100	2437798	18.081 ug/ml
13) T n-Docosane (C22)	13.682	2413104	17.903 ug/ml
14) T n-Tetracosane (C24)	14.779	2369177	17.595 ug/ml
15) T n-Hexacosane (C26)	15.795	2297202	17.368 ug/ml
16) T n-Octacosane (C28)	16.738	2239505	17.201 ug/ml
17) T n-Tricontane (C30)	17.621	2174862	17.164 ug/ml
18) T n-Dotriacontane (C32)	18.446	2071557	17.309 ug/ml
19) T n-Tetratriacontane (C34)	19.224	1989371	17.717 ug/ml
20) T n-Hexatriacontane (C36)	19.959	1875682	18.322 ug/ml
21) T n-Octatriacontane (C38)	20.669	1778717	18.856 ug/ml
22) T n-Tetracontane (C40)	21.522	1824935	19.295 ug/ml

(f)=RT Delta > 1/2 Window

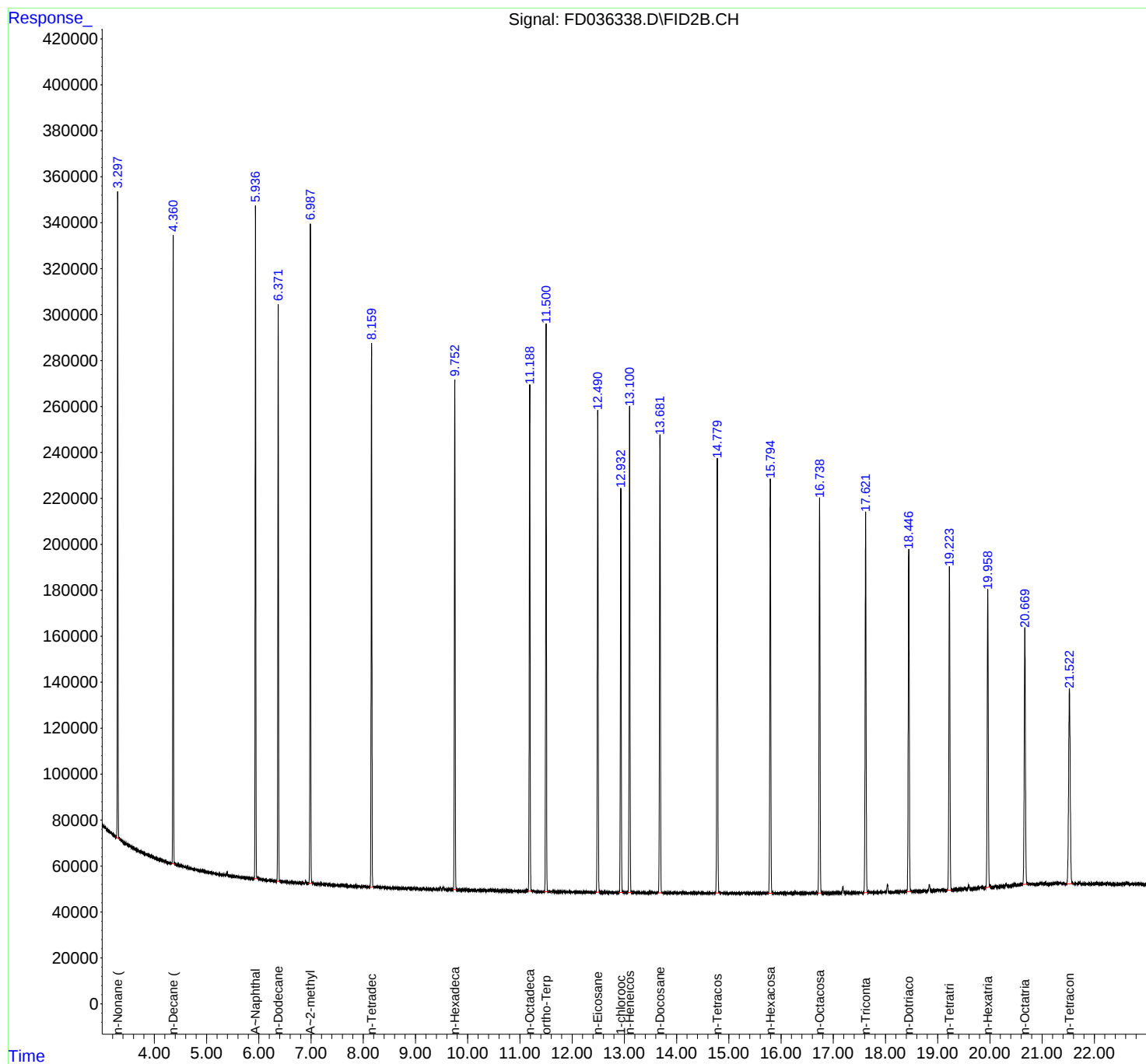
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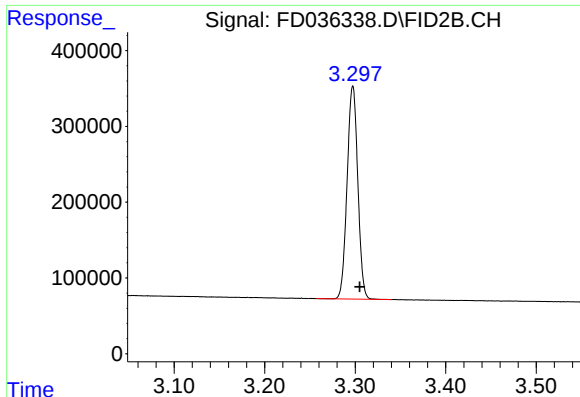
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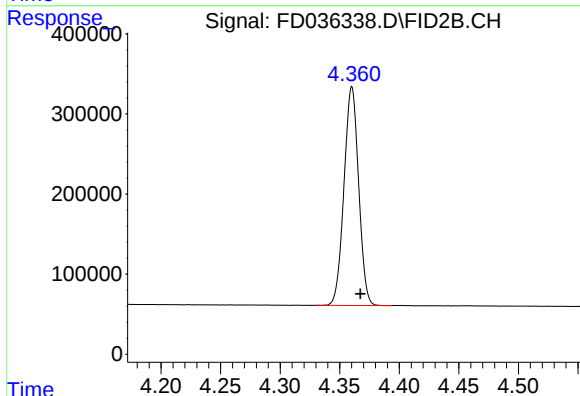




#1 n-Nonane (C9)

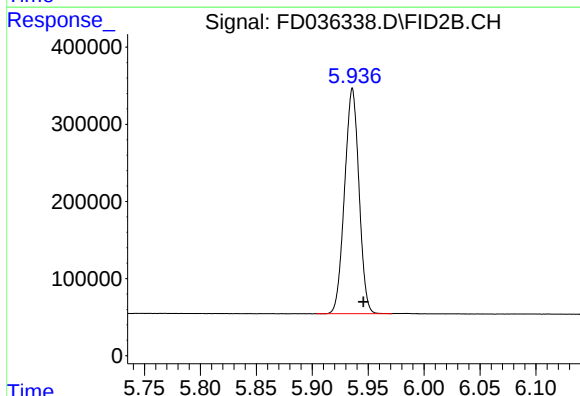
R.T.: 3.298 min
Delta R.T.: -0.007 min
Response: 2307936
Conc: 19.27 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



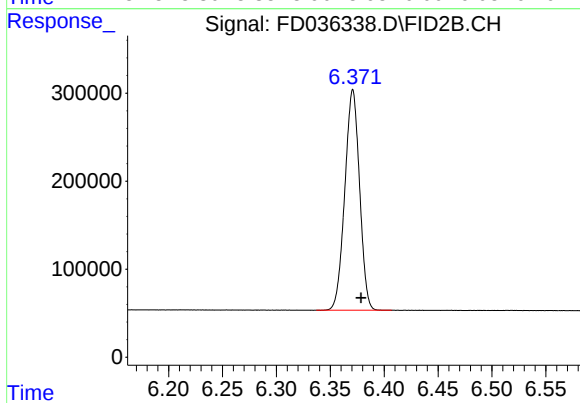
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.007 min
Response: 2336821
Conc: 19.30 ug/ml



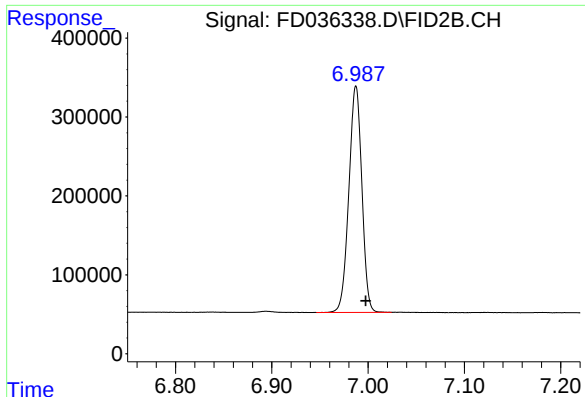
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.010 min
Response: 2623765
Conc: 19.26 ug/ml



#4 n-Dodecane (C12)

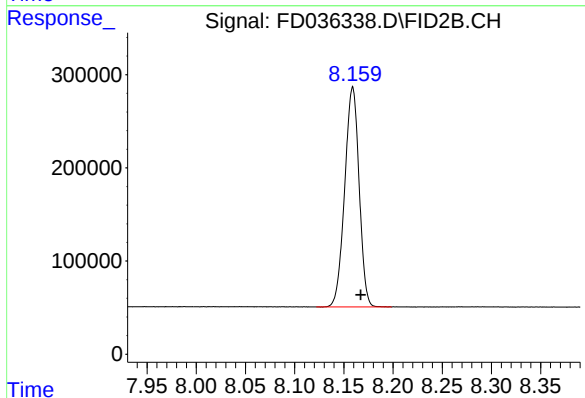
R.T.: 6.371 min
Delta R.T.: -0.007 min
Response: 2387925
Conc: 19.30 ug/ml



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

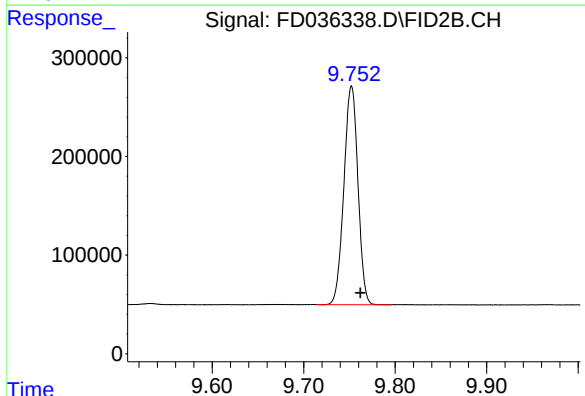
R.T.: 6.987 min
Delta R.T.: -0.010 min
Response: 2673006
Conc: 19.16 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



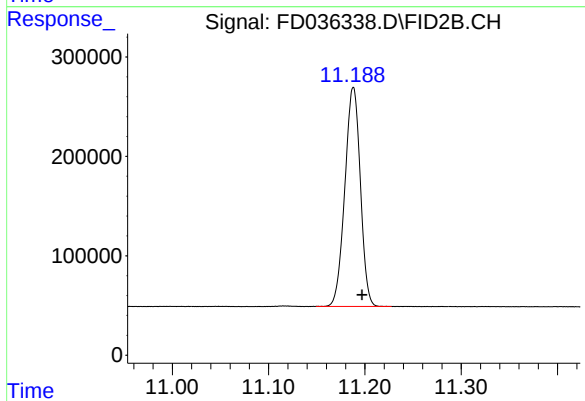
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: -0.008 min
Response: 2406225
Conc: 19.16 ug/ml



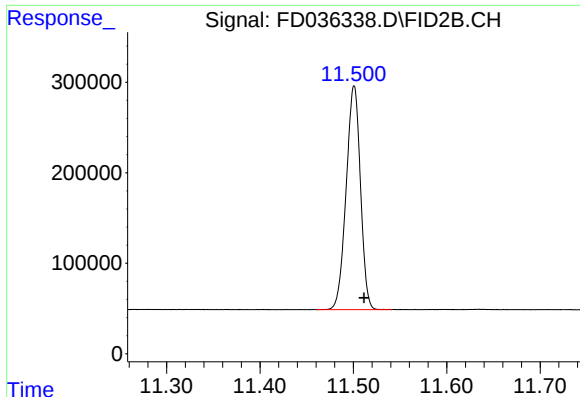
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: -0.009 min
Response: 2366287
Conc: 18.80 ug/ml



#8 n-Octadecane (C18)

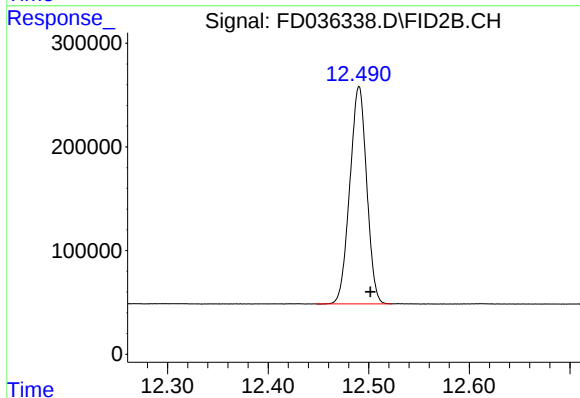
R.T.: 11.188 min
Delta R.T.: -0.009 min
Response: 2451630
Conc: 18.50 ug/ml



#9 ortho-Terphenyl (SURR)

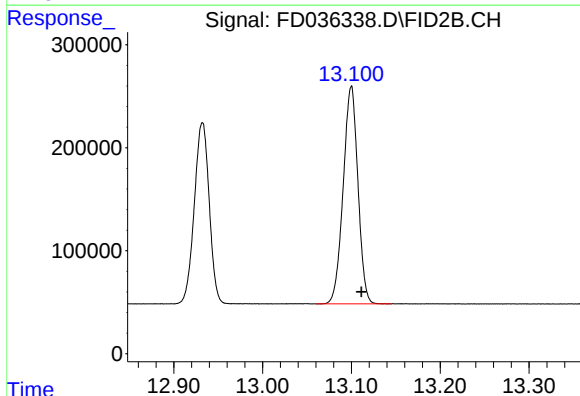
R.T.: 11.501 min
Delta R.T.: -0.010 min
Response: 2627369
Conc: 18.57 ug/ml

Instrument :
FID_D
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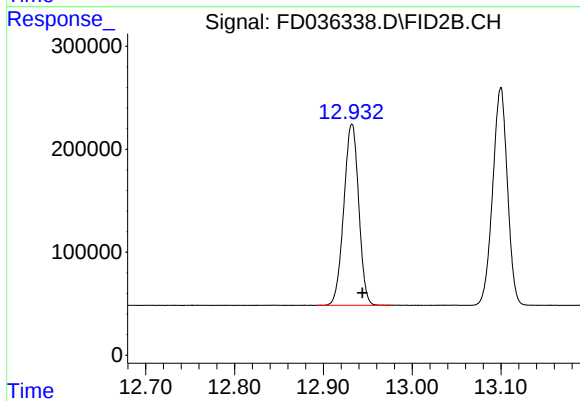
#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: -0.011 min
Response: 2446689
Conc: 18.19 ug/ml



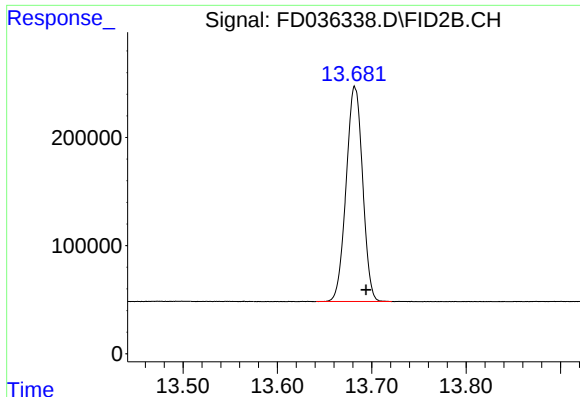
#11 n-Heneicosane (C21)

R.T.: 13.100 min
Delta R.T.: -0.011 min
Response: 2437798
Conc: 18.08 ug/ml



#12 1-chlorooctadecane (SURR)

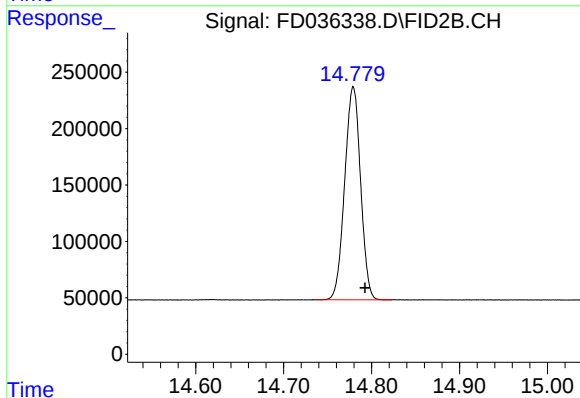
R.T.: 12.932 min
Delta R.T.: -0.012 min
Response: 2052482
Conc: 17.96 ug/ml



#13 n-Docosane (C22)

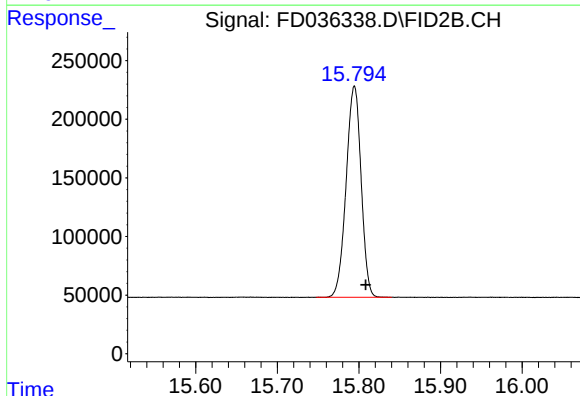
R.T.: 13.682 min
Delta R.T.: -0.012 min
Response: 2413104
Conc: 17.90 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



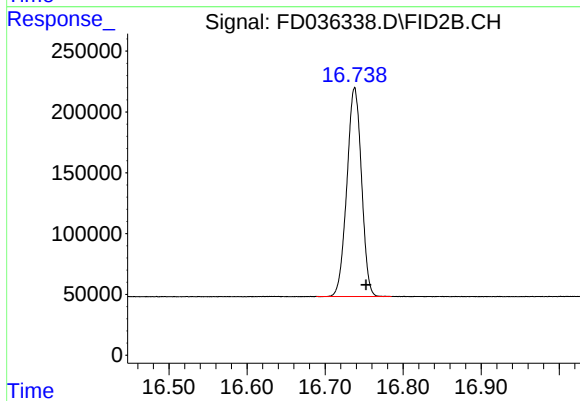
#14 n-Tetracosane (C24)

R.T.: 14.779 min
Delta R.T.: -0.013 min
Response: 2369177
Conc: 17.59 ug/ml



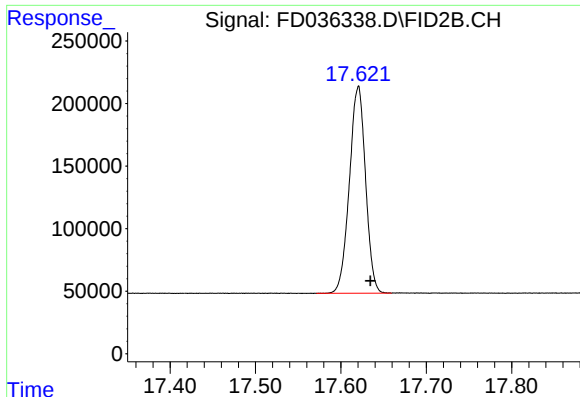
#15 n-Hexacosane (C26)

R.T.: 15.795 min
Delta R.T.: -0.014 min
Response: 2297202
Conc: 17.37 ug/ml



#16 n-Octacosane (C28)

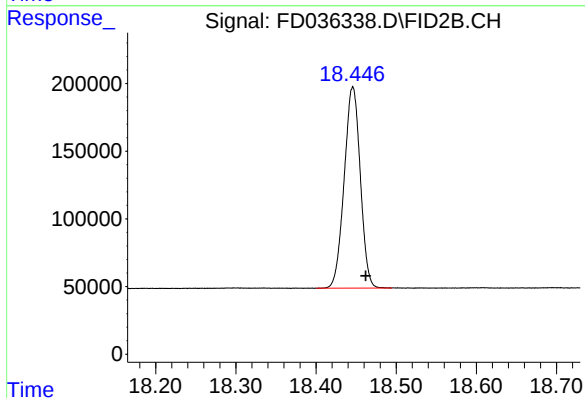
R.T.: 16.738 min
Delta R.T.: -0.015 min
Response: 2239505
Conc: 17.20 ug/ml



#17 n-Tricontane (C30)

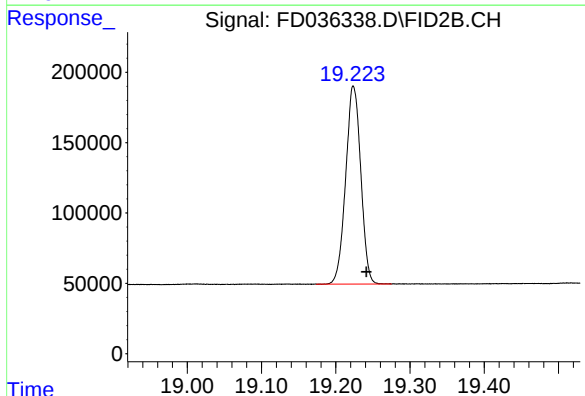
R.T.: 17.621 min
Delta R.T.: -0.014 min
Response: 2174862
Conc: 17.16 ug/ml

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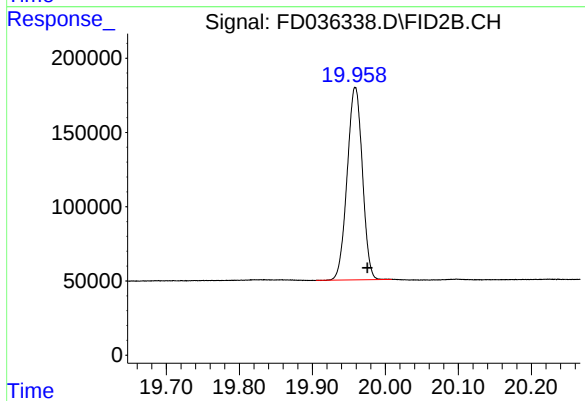
#18 n-Dotriacontane (C32)

R.T.: 18.446 min
Delta R.T.: -0.016 min
Response: 2071557
Conc: 17.31 ug/ml



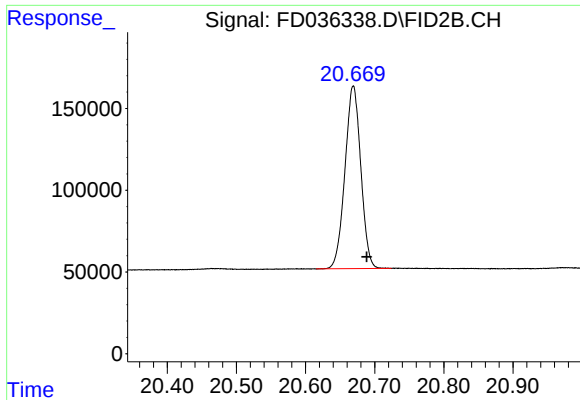
#19 n-Tetratriacontane (C34)

R.T.: 19.224 min
Delta R.T.: -0.017 min
Response: 1989371
Conc: 17.72 ug/ml



#20 n-Hexatriacontane (C36)

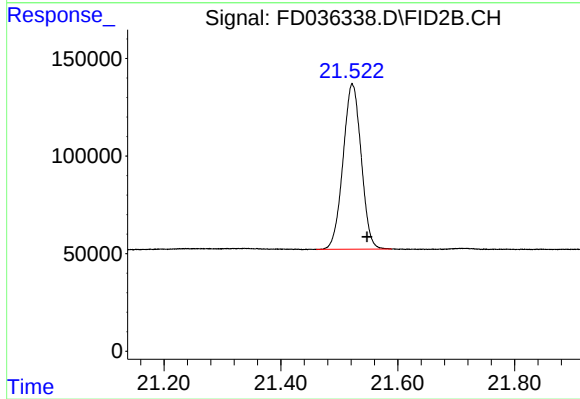
R.T.: 19.959 min
Delta R.T.: -0.017 min
Response: 1875682
Conc: 18.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.669 min
Delta R.T.: -0.020 min
Response: 1778717
Conc: 18.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.522 min
Delta R.T.: -0.025 min
Response: 1824935
Conc: 19.29 ug/ml