

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051021AL\
 Data File : FD037440.D
 Signal(s) : FID2B.CH
 Acq On : 10 May 2021 20:11
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 11 04:25:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 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)	11.465	2285004	19.569 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
12) S 1-chlorooctadecane (S...	12.899	1678672	19.842 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
Target Compounds			
1) T n-Nonane (C9)	3.264	2377617	20.179 ug/ml
2) T n-Decane (C10)	4.325	2402316	20.257 ug/ml
3) T A~Naphthalene (C11.7)	5.899	2621843	19.979 ug/ml
4) T n-Dodecane (C12)	6.336	2414704	20.334 ug/ml
5) T A~2-methylnaphthalene...	6.952	2594878	19.789 ug/ml
6) T n-Tetradecane (C14)	8.124	2357431	20.365 ug/ml
7) T n-Hexadecane (C16)	9.718	2224908	20.237 ug/ml
8) T n-Octadecane (C18)	11.154	2203665	20.098 ug/ml
10) T n-Eicosane (C20)	12.458	2108694	19.879 ug/ml
11) T n-Heneicosane (C21)	13.067	2062950	19.636 ug/ml
13) T n-Docosane (C22)	13.650	2034317	19.789 ug/ml
14) T n-Tetracosane (C24)	14.748	2002731	19.772 ug/ml
15) T n-Hexacosane (C26)	15.763	2002636	20.504 ug/ml
16) T n-Octacosane (C28)	16.708	2021706	21.032 ug/ml
17) T n-Tricontane (C30)	17.591	2059099	21.411 ug/ml
18) T n-Dotriacontane (C32)	18.419	2046986	20.813 ug/ml
19) T n-Tetratriacontane (C34)	19.198	2007148	21.146 ug/ml
20) T n-Hexatriacontane (C36)	19.934	1916636	20.352 ug/ml
21) T n-Octatriacontane (C38)	20.643	1814285	21.073 ug/ml
22) T n-Tetracontane (C40)	21.489	1827245	19.044 ug/ml

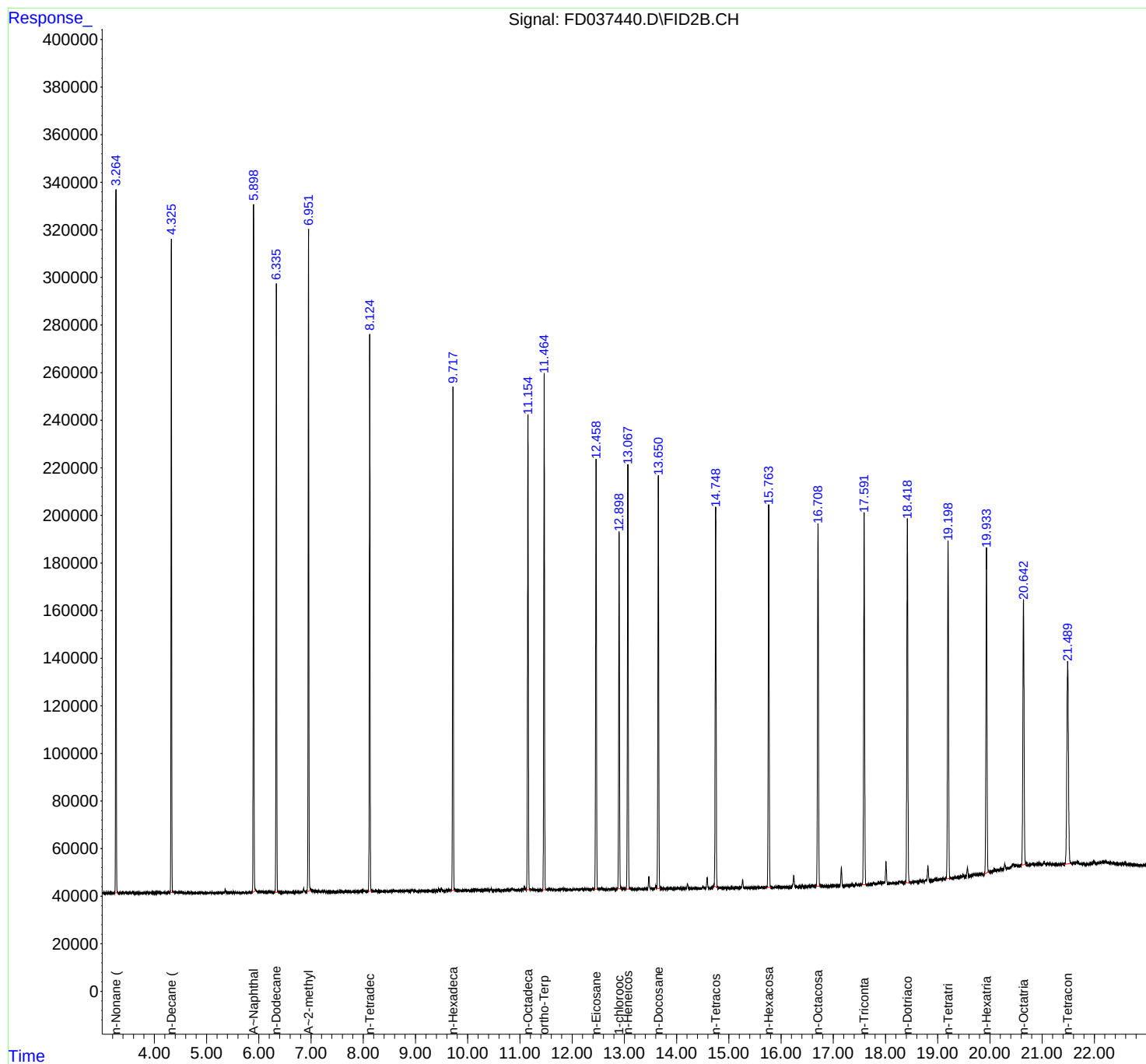
(f)=RT Delta > 1/2 Window

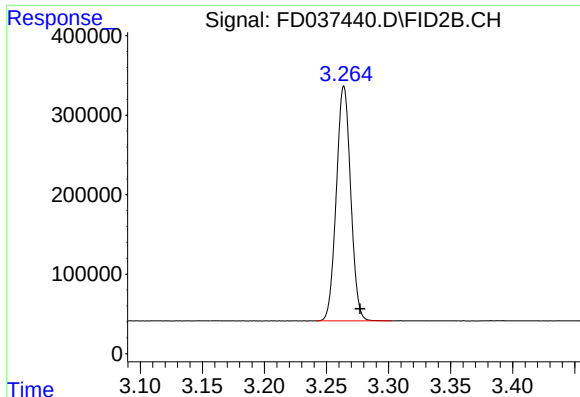
(m)=manual int.

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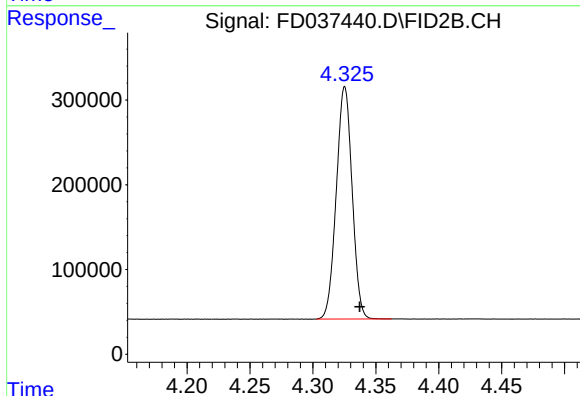
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Signal Info : 20M x 0.18mm x 0.18um





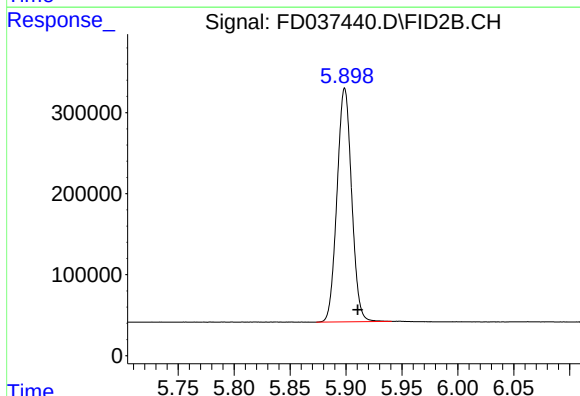
#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: -0.013 min
Response: 2377617
Conc: 20.18 ug/ml



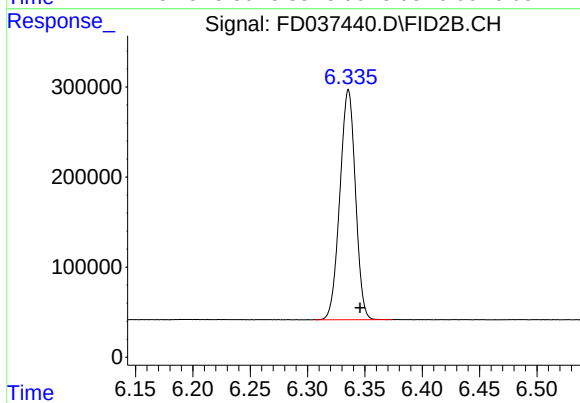
#2 n-Decane (C10)

R.T.: 4.325 min
Delta R.T.: -0.012 min
Response: 2402316
Conc: 20.26 ug/ml



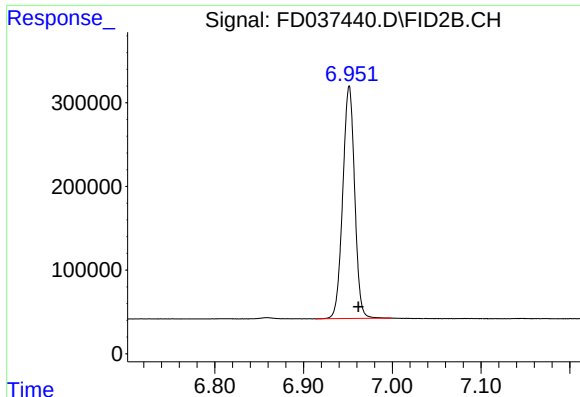
#3 A~Naphthalene (C11.7)

R.T.: 5.899 min
Delta R.T.: -0.012 min
Response: 2621843
Conc: 19.98 ug/ml



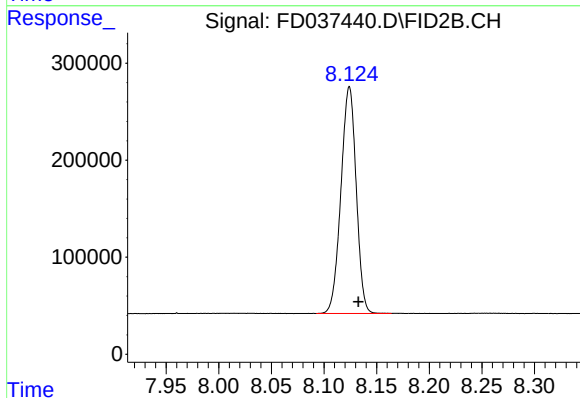
#4 n-Dodecane (C12)

R.T.: 6.336 min
Delta R.T.: -0.010 min
Response: 2414704
Conc: 20.33 ug/ml



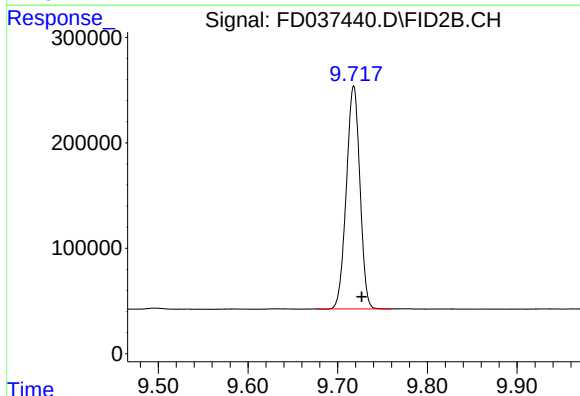
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.952 min
Delta R.T.: -0.010 min
Response: 2594878
Conc: 19.79 ug/ml



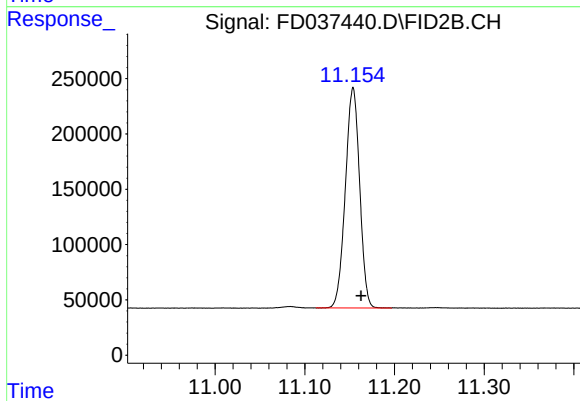
#6 n-Tetradecane (C14)

R.T.: 8.124 min
Delta R.T.: -0.009 min
Response: 2357431
Conc: 20.37 ug/ml



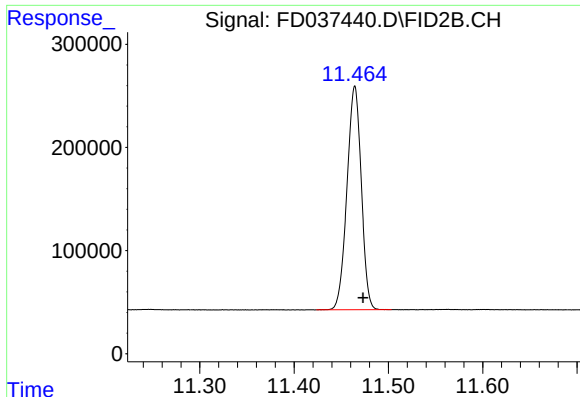
#7 n-Hexadecane (C16)

R.T.: 9.718 min
Delta R.T.: -0.009 min
Response: 2224908
Conc: 20.24 ug/ml



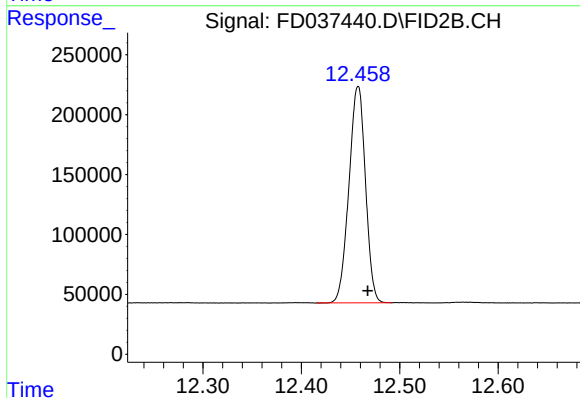
#8 n-Octadecane (C18)

R.T.: 11.154 min
Delta R.T.: -0.009 min
Response: 2203665
Conc: 20.10 ug/ml



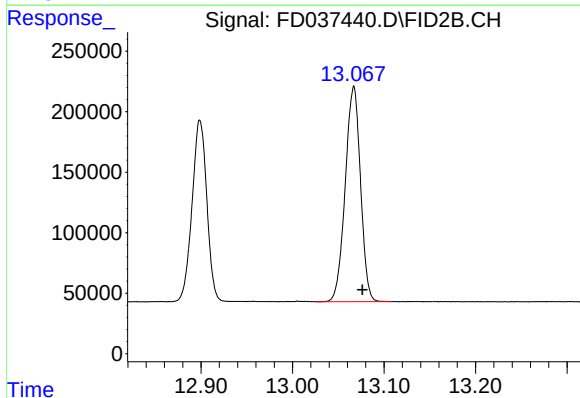
#9 ortho-Terphenyl (SURR)

R.T.: 11.465 min
Delta R.T.: -0.009 min
Response: 2285004
Conc: 19.57 ug/ml



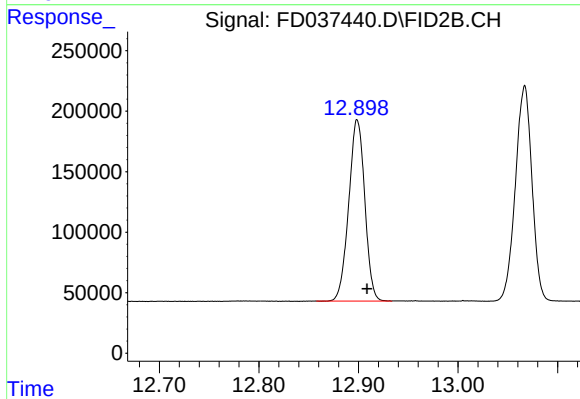
#10 n-Eicosane (C20)

R.T.: 12.458 min
Delta R.T.: -0.010 min
Response: 2108694
Conc: 19.88 ug/ml



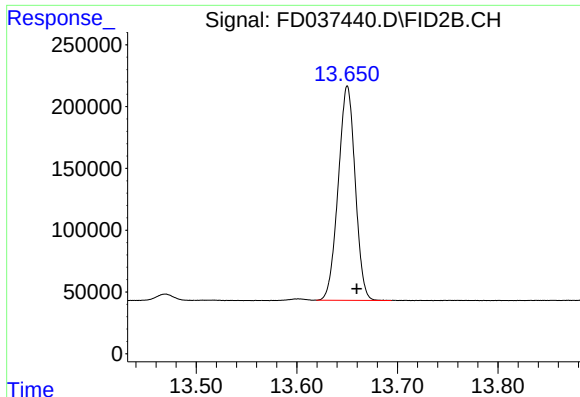
#11 n-Heneicosane (C21)

R.T.: 13.067 min
Delta R.T.: -0.009 min
Response: 2062950
Conc: 19.64 ug/ml



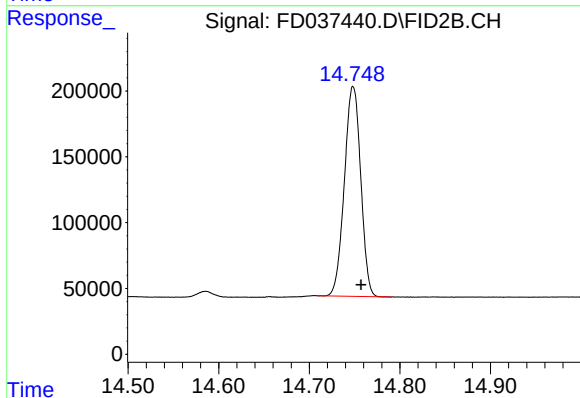
#12 1-chlorooctadecane (SURR)

R.T.: 12.899 min
Delta R.T.: -0.010 min
Response: 1678672
Conc: 19.84 ug/ml



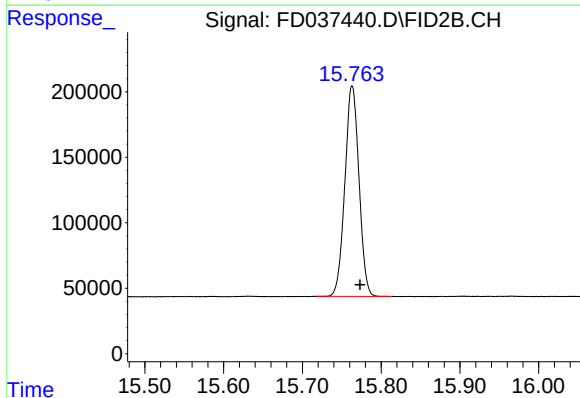
#13 n-Docosane (C22)

R.T.: 13.650 min
Delta R.T.: -0.009 min
Response: 2034317
Conc: 19.79 ug/ml



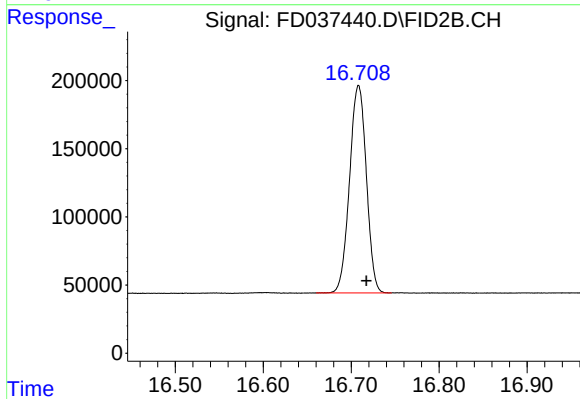
#14 n-Tetracosane (C24)

R.T.: 14.748 min
Delta R.T.: -0.009 min
Response: 2002731
Conc: 19.77 ug/ml



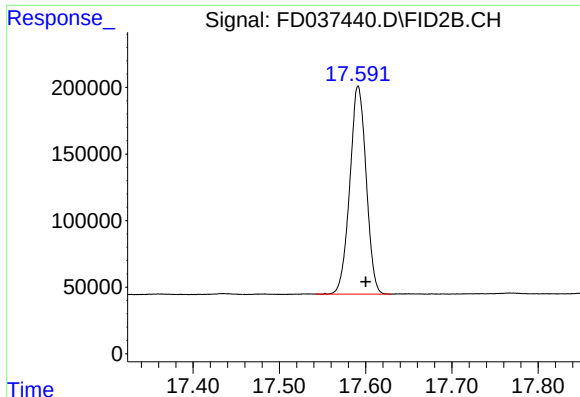
#15 n-Hexacosane (C26)

R.T.: 15.763 min
Delta R.T.: -0.010 min
Response: 2002636
Conc: 20.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.708 min
Delta R.T.: -0.009 min
Response: 2021706
Conc: 21.03 ug/ml



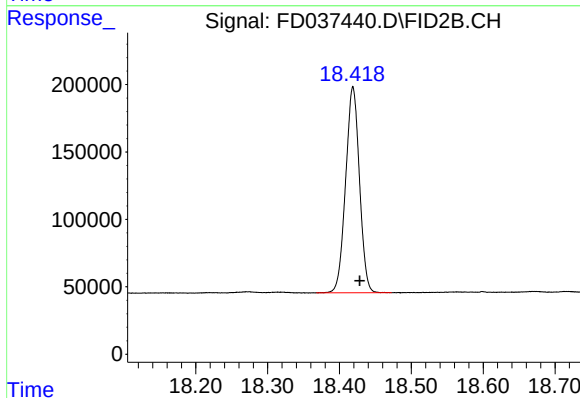
#17 n-Tricontane (C30)

R.T.: 17.591 min

Delta R.T.: -0.009 min

Response: 2059099

Conc: 21.41 ug/ml



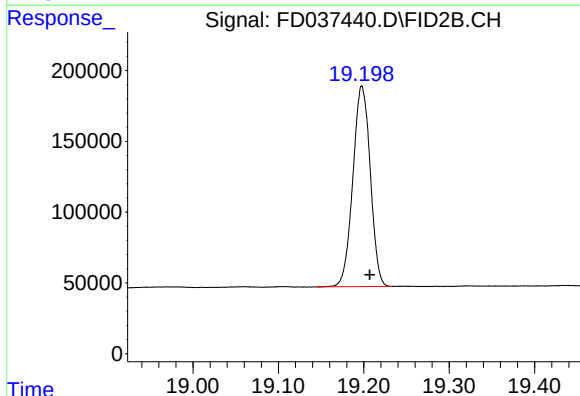
#18 n-Dotriacontane (C32)

R.T.: 18.419 min

Delta R.T.: -0.009 min

Response: 2046986

Conc: 20.81 ug/ml



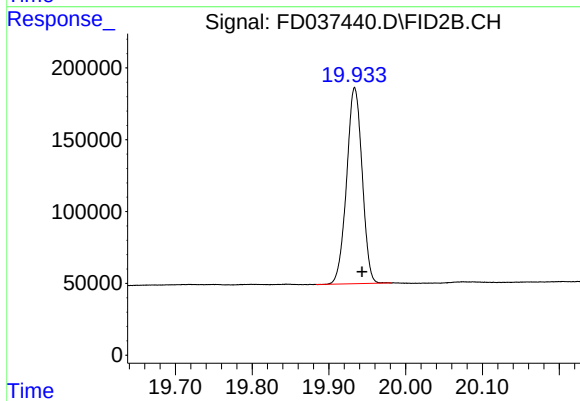
#19 n-Tetratriacontane (C34)

R.T.: 19.198 min

Delta R.T.: -0.009 min

Response: 2007148

Conc: 21.15 ug/ml



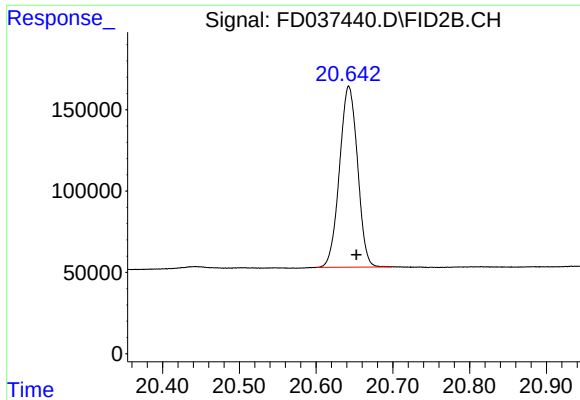
#20 n-Hexatriacontane (C36)

R.T.: 19.934 min

Delta R.T.: -0.010 min

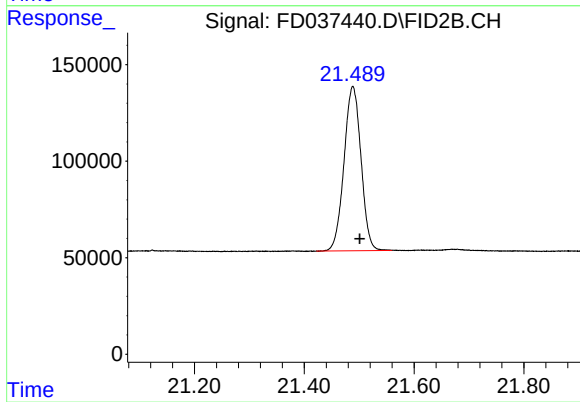
Response: 1916636

Conc: 20.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.643 min
Delta R.T.: -0.010 min
Response: 1814285
Conc: 21.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.489 min
Delta R.T.: -0.012 min
Response: 1827245
Conc: 19.04 ug/ml