

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071921AL\
 Data File : FD038280.D
 Signal(s) : FID2B.CH
 Acq On : 20 Jul 2021 1:35
 Operator : AJ\MA
 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: Jul 20 03:16:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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)	11.414	2914248	20.161 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
12) S 1-chlorooctadecane (S...	12.849	2230544	19.564 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T n-Nonane (C9)	3.227	2776353	22.848 ug/ml
2) T n-Decane (C10)	4.283	2801336	22.903 ug/ml
3) T A~Naphthalene (C11.7)	5.854	3079099	22.524 ug/ml
4) T n-Dodecane (C12)	6.289	2833919	22.753 ug/ml
5) T A~2-methylnaphthalene...	6.905	3080417	22.364 ug/ml
6) T n-Tetradecane (C14)	8.076	2873518	22.357 ug/ml
7) T n-Hexadecane (C16)	9.670	2855312	22.034 ug/ml
8) T n-Octadecane (C18)	11.105	2861297	21.246 ug/ml
10) T n-Eicosane (C20)	12.408	2724017	20.280 ug/ml
11) T n-Heneicosane (C21)	13.017	2697420	19.854 ug/ml
13) T n-Docosane (C22)	13.600	2621298	19.482 ug/ml
14) T n-Tetracosane (C24)	14.697	2534742	18.772 ug/ml
15) T n-Hexacosane (C26)	15.713	2381721	18.077 ug/ml
16) T n-Octacosane (C28)	16.658	2314942	17.754 ug/ml
17) T n-Tricontane (C30)	17.542	2275853	17.809 ug/ml
18) T n-Dotriacontane (C32)	18.370	2238162	18.190 ug/ml
19) T n-Tetratriacontane (C34)	19.150	2256640	19.270 ug/ml
20) T n-Hexatriacontane (C36)	19.887	2227946	20.401 ug/ml
21) T n-Octatriacontane (C38)	20.592	2170728	21.553 ug/ml
22) T n-Tetracontane (C40)	21.420	2257172	23.078 ug/ml

(f)=RT Delta > 1/2 Window

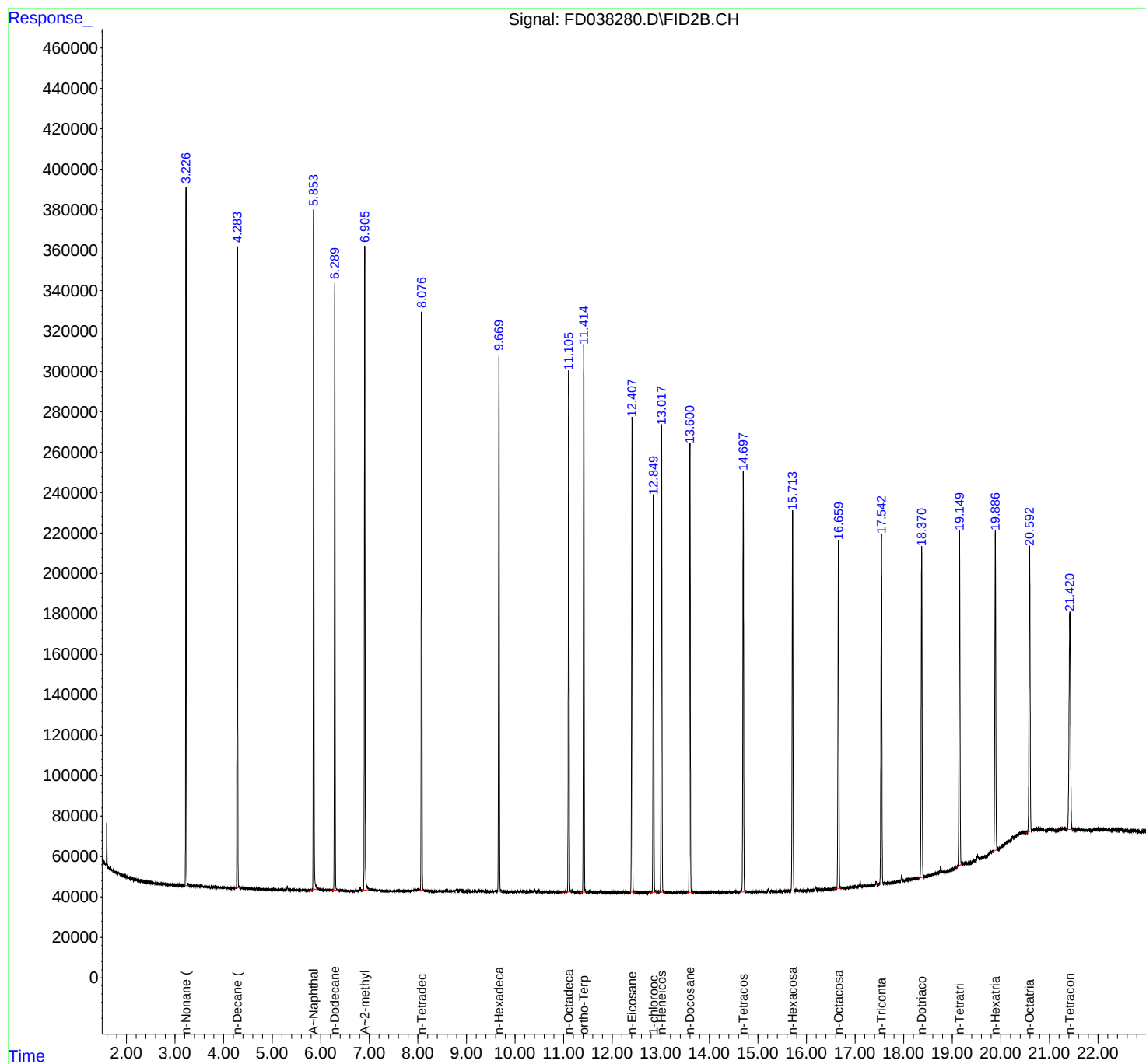
(m)=manual int.

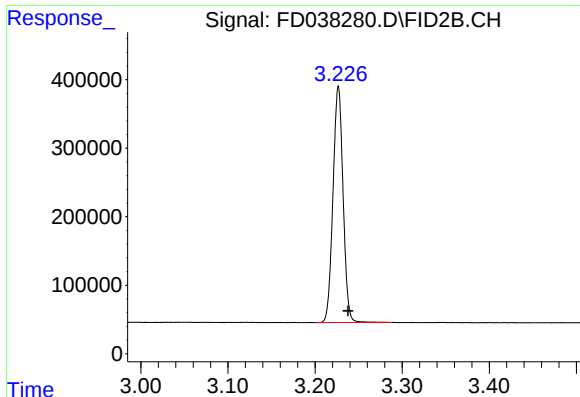
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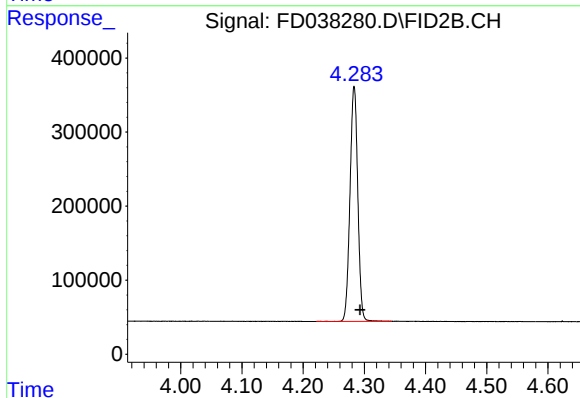




#1 n-Nonane (C9)

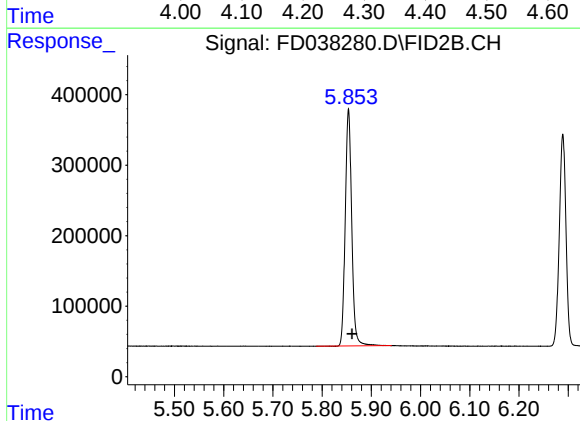
R.T.: 3.227 min
Delta R.T.: -0.011 min
Response: 2776353
Conc: 22.85 ug/ml

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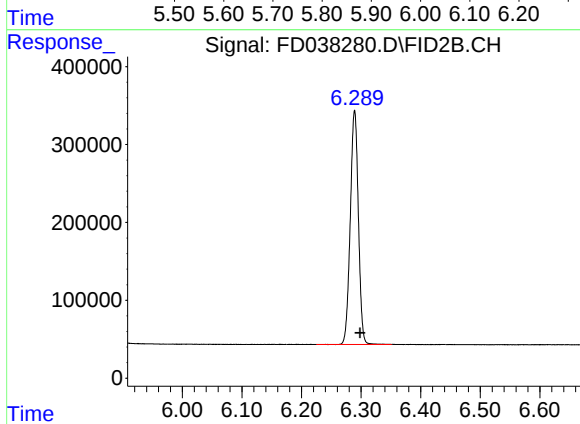
#2 n-Decane (C10)

R.T.: 4.283 min
Delta R.T.: -0.009 min
Response: 2801336
Conc: 22.90 ug/ml



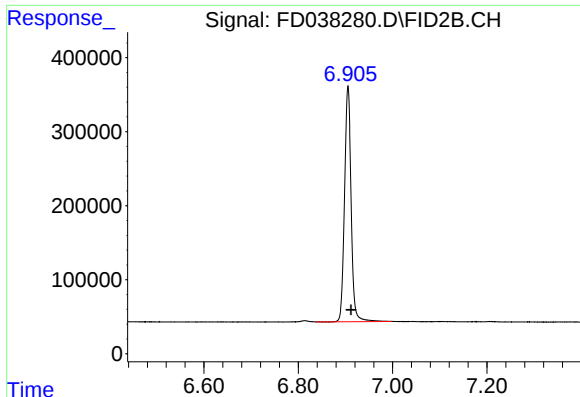
#3 A~Naphthalene (C11.7)

R.T.: 5.854 min
Delta R.T.: -0.007 min
Response: 3079099
Conc: 22.52 ug/ml



#4 n-Dodecane (C12)

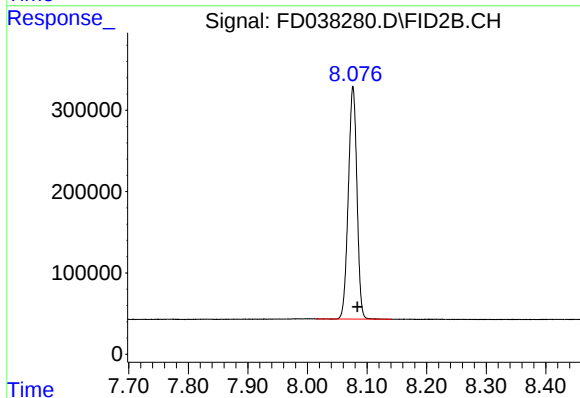
R.T.: 6.289 min
Delta R.T.: -0.009 min
Response: 2833919
Conc: 22.75 ug/ml



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

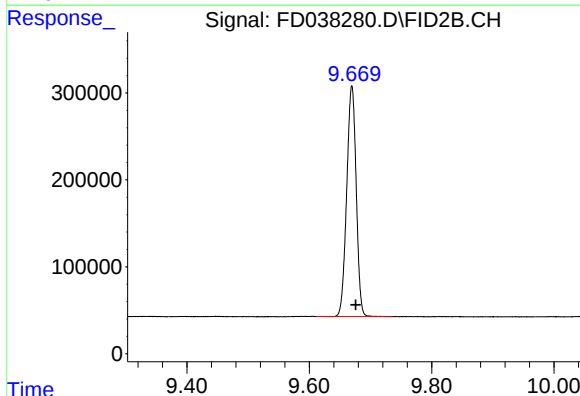
R.T.: 6.905 min
Delta R.T.: -0.007 min
Response: 3080417
Conc: 22.36 ug/ml

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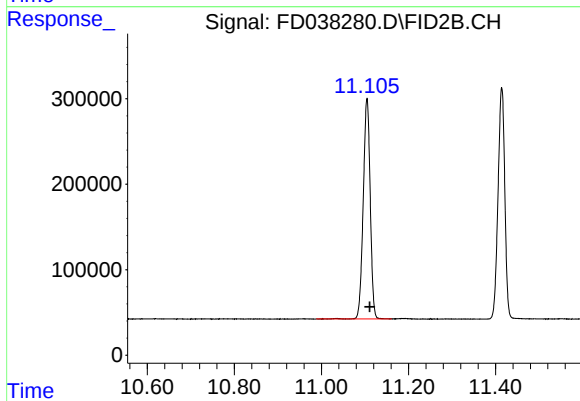
#6 n-Tetradecane (C14)

R.T.: 8.076 min
Delta R.T.: -0.007 min
Response: 2873518
Conc: 22.36 ug/ml



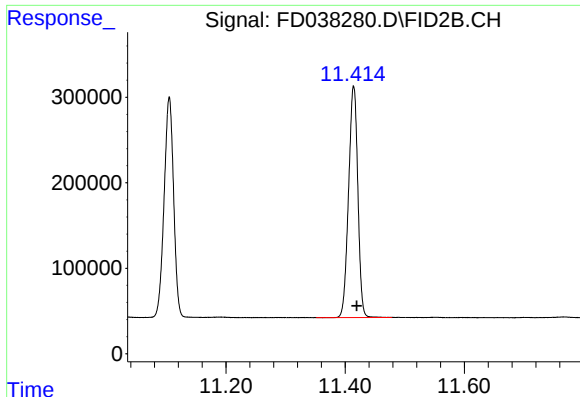
#7 n-Hexadecane (C16)

R.T.: 9.670 min
Delta R.T.: -0.007 min
Response: 2855312
Conc: 22.03 ug/ml



#8 n-Octadecane (C18)

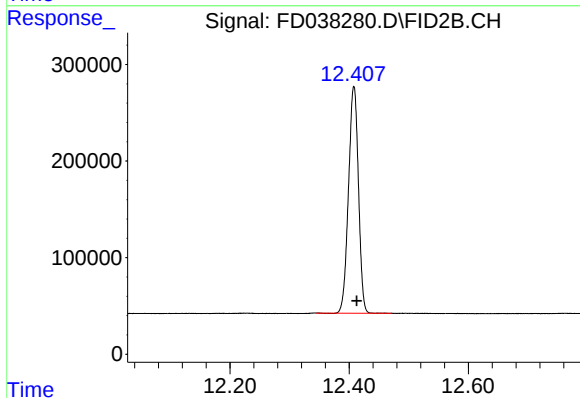
R.T.: 11.105 min
Delta R.T.: -0.006 min
Response: 2861297
Conc: 21.25 ug/ml



#9 ortho-Terphenyl (SURR)

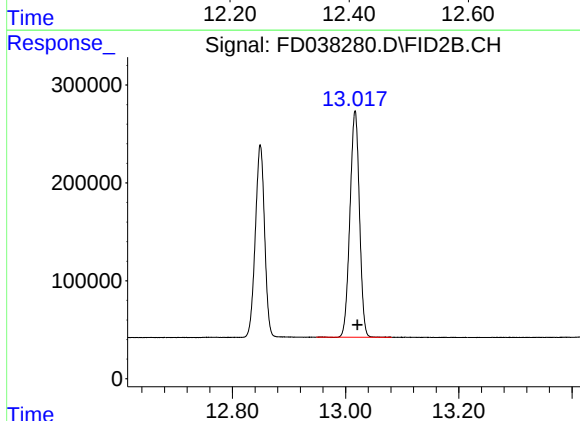
R.T.: 11.414 min
Delta R.T.: -0.005 min
Response: 2914248
Conc: 20.16 ug/ml

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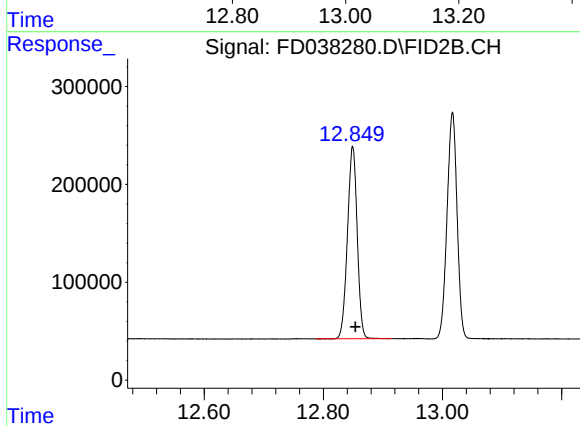
#10 n-Eicosane (C20)

R.T.: 12.408 min
Delta R.T.: -0.005 min
Response: 2724017
Conc: 20.28 ug/ml



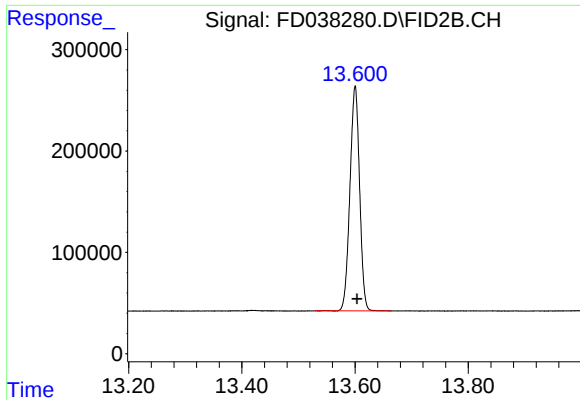
#11 n-Heneicosane (C21)

R.T.: 13.017 min
Delta R.T.: -0.004 min
Response: 2697420
Conc: 19.85 ug/ml



#12 1-chlorooctadecane (SURR)

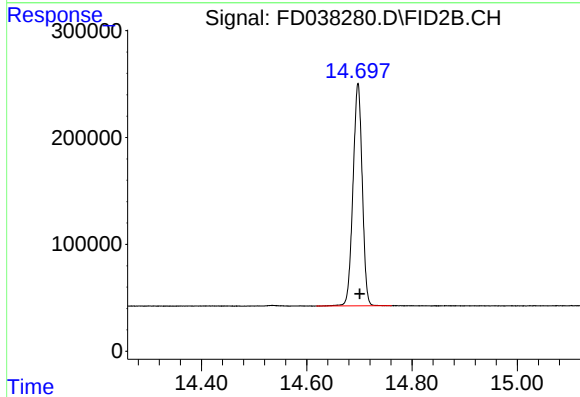
R.T.: 12.849 min
Delta R.T.: -0.004 min
Response: 2230544
Conc: 19.56 ug/ml



#13 n-Docosane (C22)

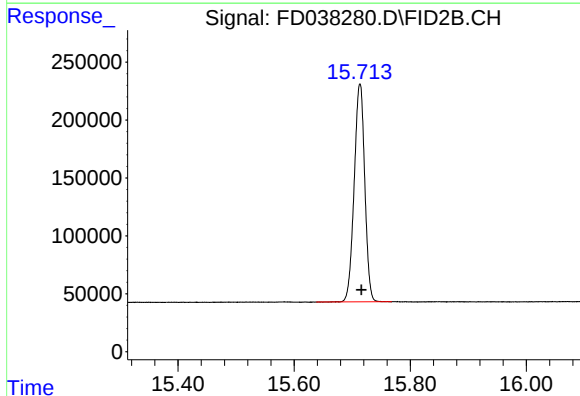
R.T.: 13.600 min
Delta R.T.: -0.003 min
Response: 2621298
Conc: 19.48 ug/ml

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20 PPM ALIPHATIC HC STD



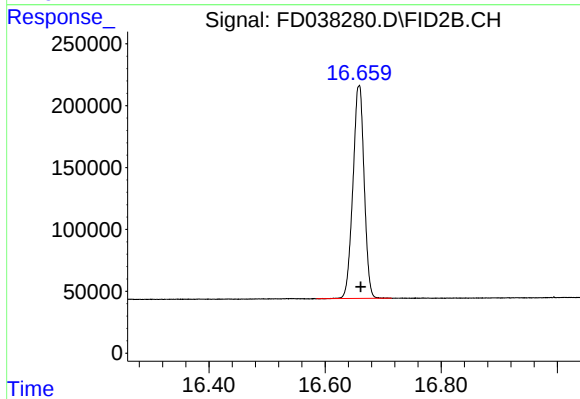
#14 n-Tetracosane (C24)

R.T.: 14.697 min
Delta R.T.: -0.004 min
Response: 2534742
Conc: 18.77 ug/ml



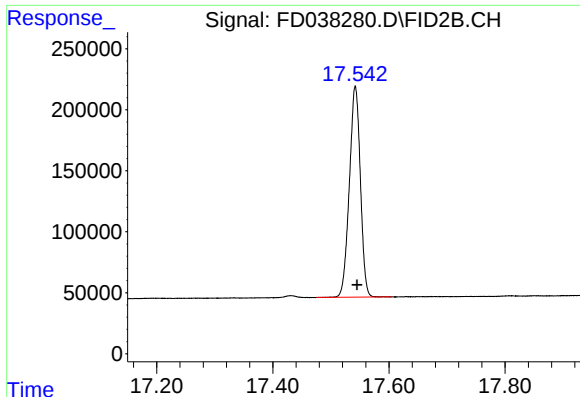
#15 n-Hexacosane (C26)

R.T.: 15.713 min
Delta R.T.: -0.003 min
Response: 2381721
Conc: 18.08 ug/ml



#16 n-Octacosane (C28)

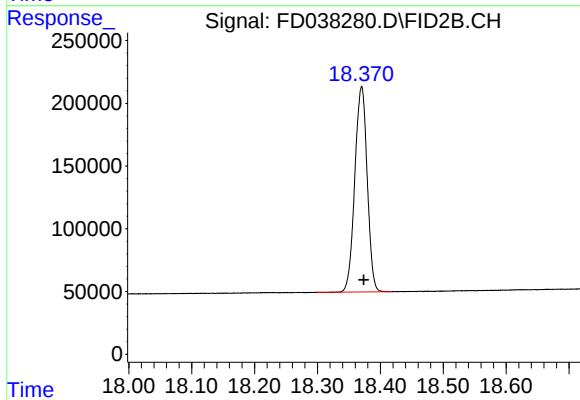
R.T.: 16.658 min
Delta R.T.: -0.003 min
Response: 2314942
Conc: 17.75 ug/ml



#17 n-Tricontane (C30)

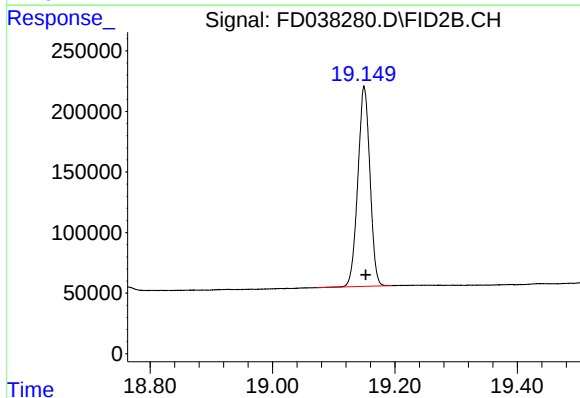
R.T.: 17.542 min
Delta R.T.: -0.003 min
Response: 2275853
Conc: 17.81 ug/ml

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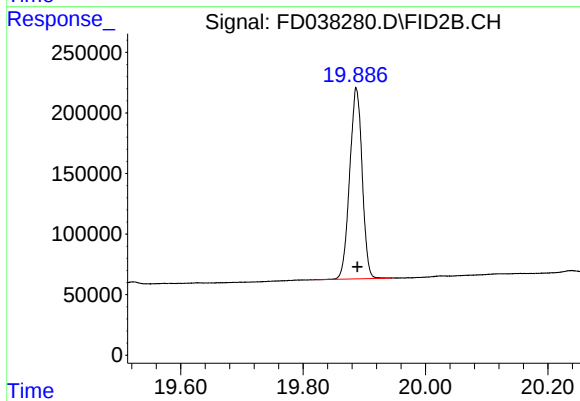
#18 n-Dotriacontane (C32)

R.T.: 18.370 min
Delta R.T.: -0.003 min
Response: 2238162
Conc: 18.19 ug/ml



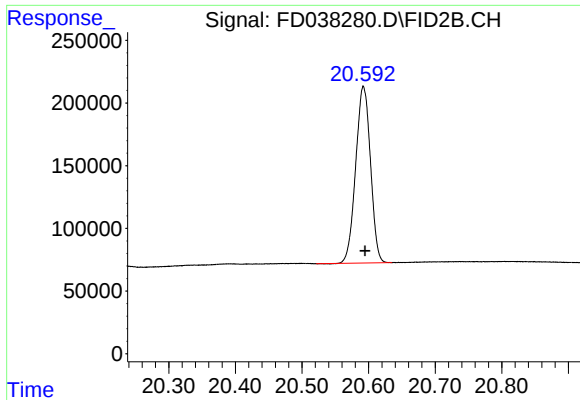
#19 n-Tetratriacontane (C34)

R.T.: 19.150 min
Delta R.T.: -0.002 min
Response: 2256640
Conc: 19.27 ug/ml



#20 n-Hexatriacontane (C36)

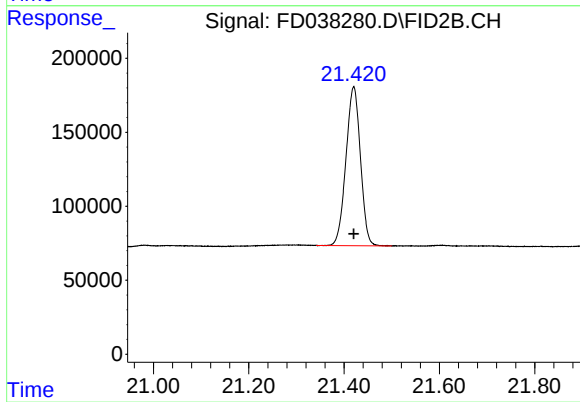
R.T.: 19.887 min
Delta R.T.: -0.001 min
Response: 2227946
Conc: 20.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.592 min
Delta R.T.: -0.002 min
Response: 2170728
Conc: 21.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.420 min
Delta R.T.: 0.000 min
Response: 2257172
Conc: 23.08 ug/ml