

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122321AL\
 Data File : FD040174.D
 Signal(s) : FID2B.CH
 Acq On : 24 Dec 2021 16:32
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 24 21:38:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122321.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 13:40:18 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)	10.726	3255567	21.601 ug/ml
Spiked Amount 50.000		Recovery =	43.20%
12) S 1-chlorooctadecane (S...	12.161	2548370	21.583 ug/ml
Spiked Amount 50.000		Recovery =	43.17%
Target Compounds			
1) T n-Nonane (C9)	2.642	2769220	21.080 ug/ml
2) T n-Decane (C10)	3.639	2801632	21.169 ug/ml
3) T A~Naphthalene (C11.7)	5.181	3195777	21.483 ug/ml
4) T n-Dodecane (C12)	5.615	2816916	21.425 ug/ml
5) T A~2-methylnaphthalene...	6.224	3231445	21.691 ug/ml
6) T n-Tetradecane (C14)	7.396	2874057	21.815 ug/ml
7) T n-Hexadecane (C16)	8.986	2940320	22.068 ug/ml
8) T n-Octadecane (C18)	10.420	3053325	21.935 ug/ml
10) T n-Eicosane (C20)	11.722	3052780	21.789 ug/ml
11) T n-Heneicosane (C21)	12.330	3044095	21.425 ug/ml
13) T n-Docosane (C22)	12.914	3066296	21.648 ug/ml
14) T n-Tetracosane (C24)	14.010	3129926	21.948 ug/ml
15) T n-Hexacosane (C26)	15.028	3035340	22.347 ug/ml
16) T n-Octacosane (C28)	15.972	2918398	22.731 ug/ml
17) T n-Tricontane (C30)	16.856	2785688	23.196 ug/ml
18) T n-Dotriacontane (C32)	17.685	2578025	22.876 ug/ml
19) T n-Tetratriacontane (C34)	18.467	2497793	22.851 ug/ml
20) T n-Hexatriacontane (C36)	19.203	2272812	22.185 ug/mlm
21) T n-Octatriacontane (C38)	19.912	2235738	23.315 ug/mlm
22) T n-Tetracontane (C40)	20.749	2085897	26.831 ug/ml

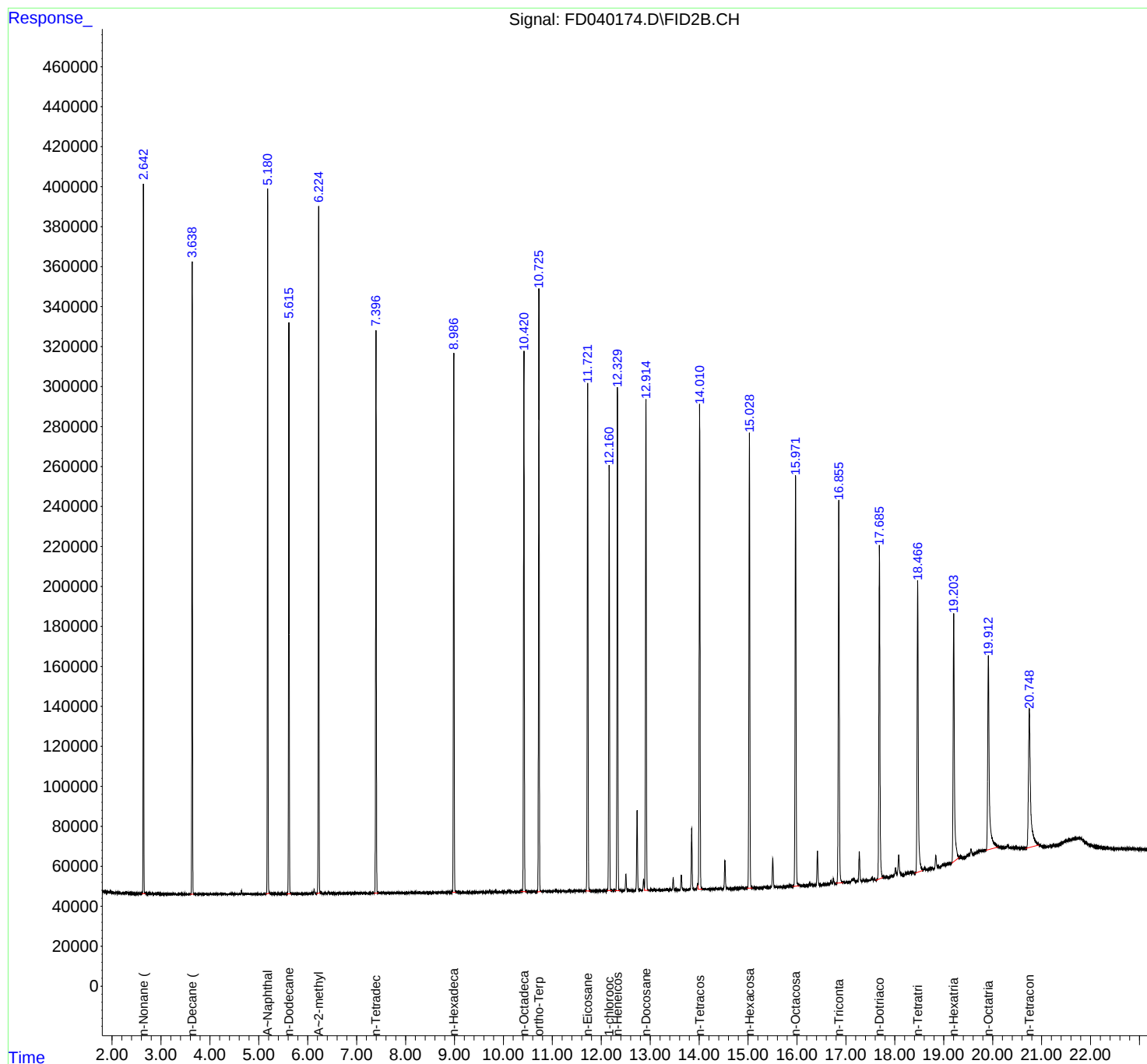
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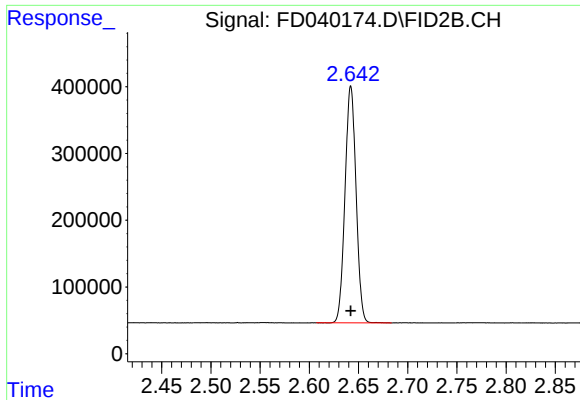
(m)=manual int.

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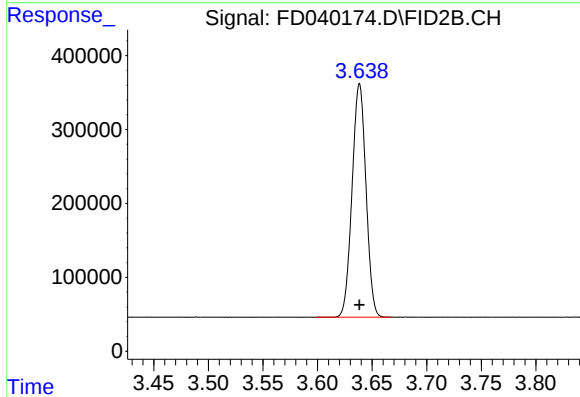
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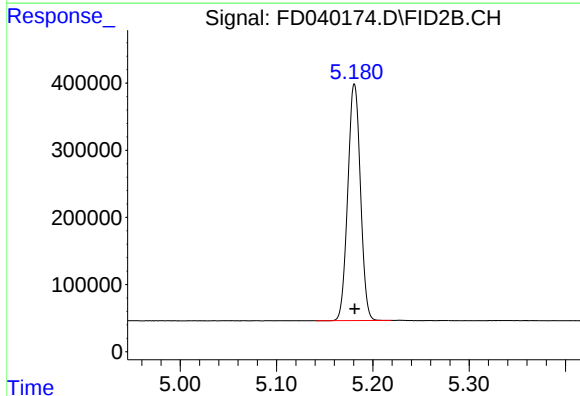
#1 n-Nonane (C9)

R.T.: 2.642 min
Delta R.T.: 0.000 min
Response: 2769220
Conc: 21.08 ug/ml



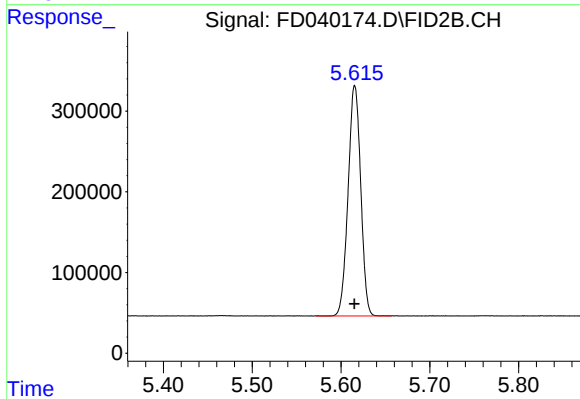
#2 n-Decane (C10)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 2801632
Conc: 21.17 ug/ml



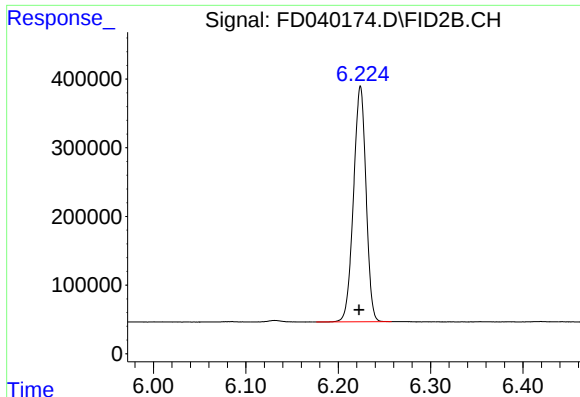
#3 A~Naphthalene (C11.7)

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 3195777
Conc: 21.48 ug/ml



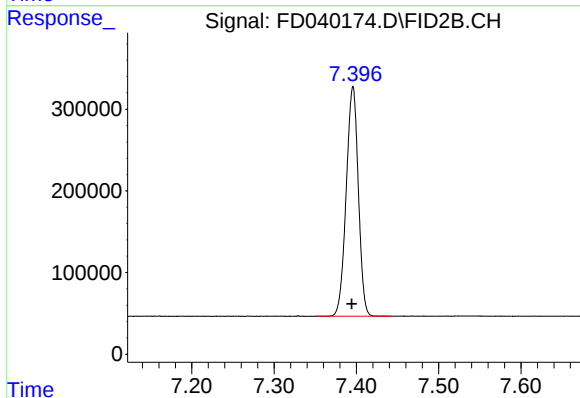
#4 n-Dodecane (C12)

R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 2816916
Conc: 21.42 ug/ml



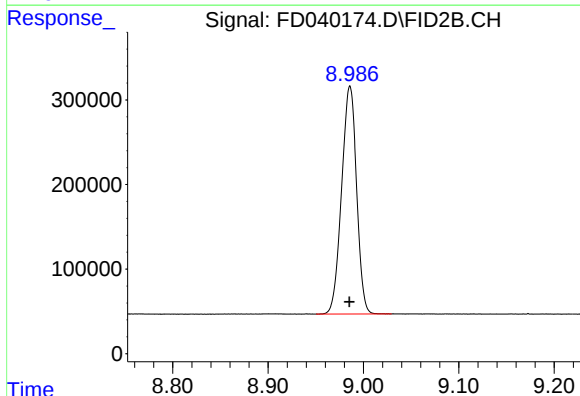
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.224 min
Delta R.T.: 0.002 min
Response: 3231445
Conc: 21.69 ug/ml



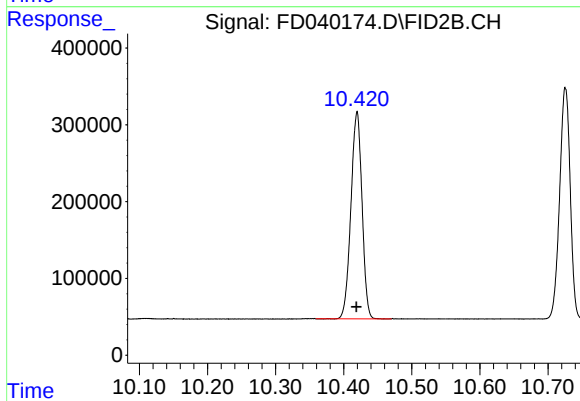
#6 n-Tetradecane (C14)

R.T.: 7.396 min
Delta R.T.: 0.002 min
Response: 2874057
Conc: 21.81 ug/ml



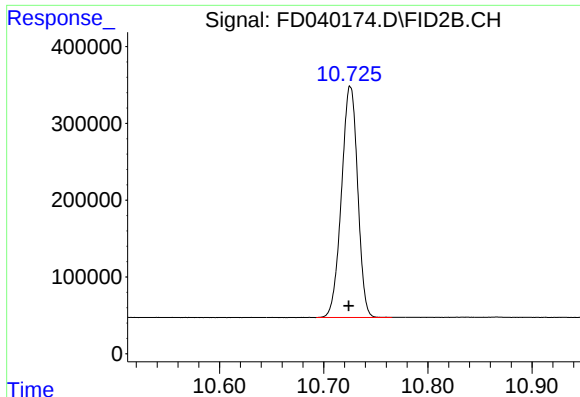
#7 n-Hexadecane (C16)

R.T.: 8.986 min
Delta R.T.: 0.000 min
Response: 2940320
Conc: 22.07 ug/ml



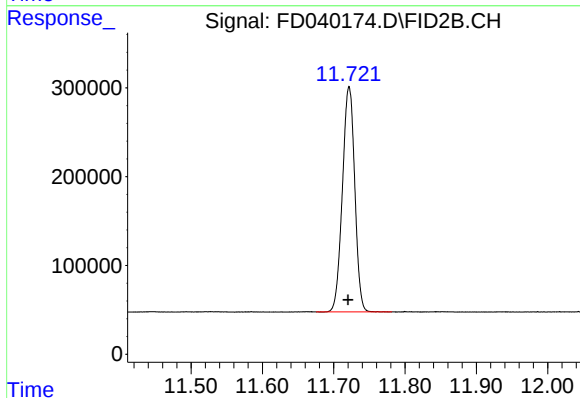
#8 n-Octadecane (C18)

R.T.: 10.420 min
Delta R.T.: 0.001 min
Response: 3053325
Conc: 21.94 ug/ml



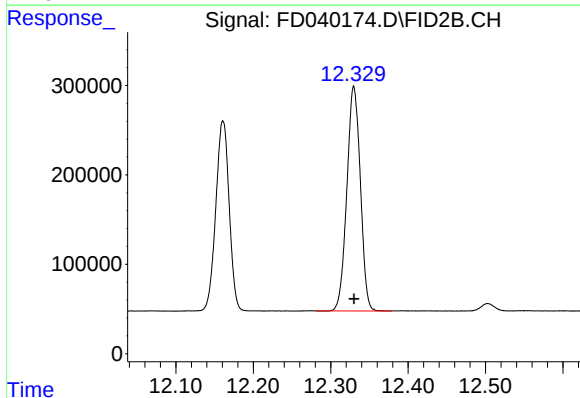
#9 ortho-Terphenyl (SURR)

R.T.: 10.726 min
Delta R.T.: 0.002 min
Response: 3255567
Conc: 21.60 ug/ml



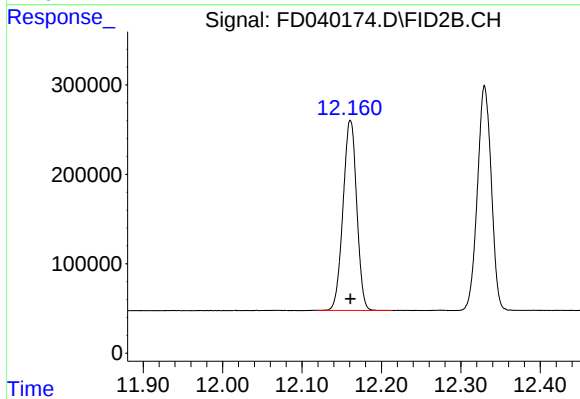
#10 n-Eicosane (C20)

R.T.: 11.722 min
Delta R.T.: 0.001 min
Response: 3052780
Conc: 21.79 ug/ml



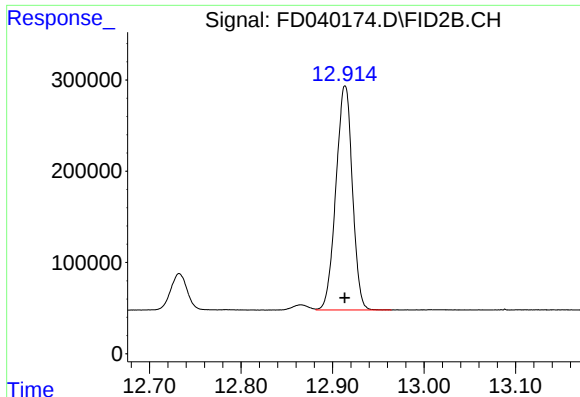
#11 n-Heneicosane (C21)

R.T.: 12.330 min
Delta R.T.: 0.000 min
Response: 3044095
Conc: 21.43 ug/ml



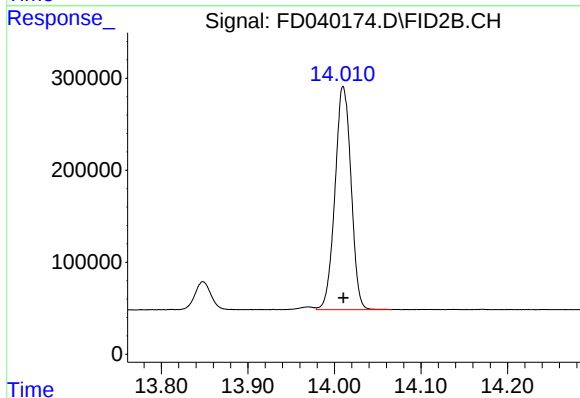
#12 1-chlorooctadecane (SURR)

R.T.: 12.161 min
Delta R.T.: 0.000 min
Response: 2548370
Conc: 21.58 ug/ml



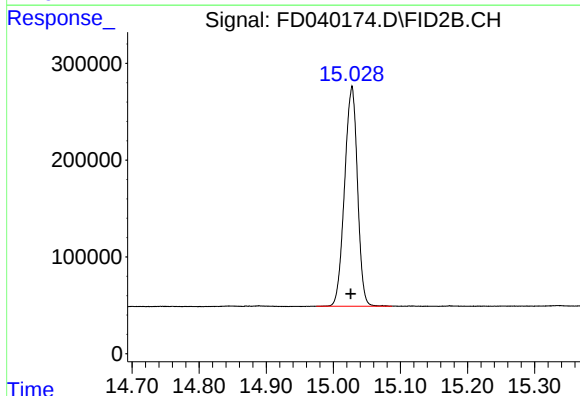
#13 n-Docosane (C22)

R.T.: 12.914 min
Delta R.T.: 0.000 min
Response: 3066296
Conc: 21.65 ug/ml



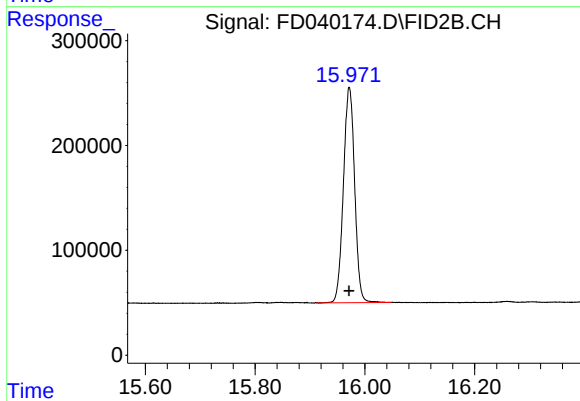
#14 n-Tetracosane (C24)

R.T.: 14.010 min
Delta R.T.: 0.000 min
Response: 3129926
Conc: 21.95 ug/ml



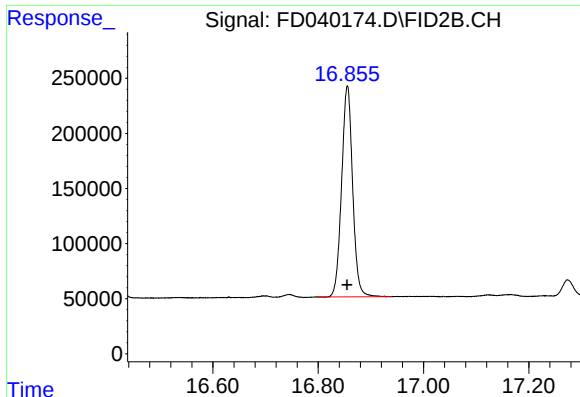
#15 n-Hexacosane (C26)

R.T.: 15.028 min
Delta R.T.: 0.002 min
Response: 3035340
Conc: 22.35 ug/ml



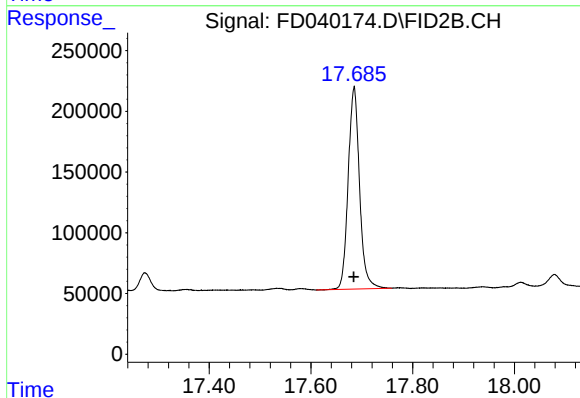
#16 n-Octacosane (C28)

R.T.: 15.972 min
Delta R.T.: 0.000 min
Response: 2918398
Conc: 22.73 ug/ml



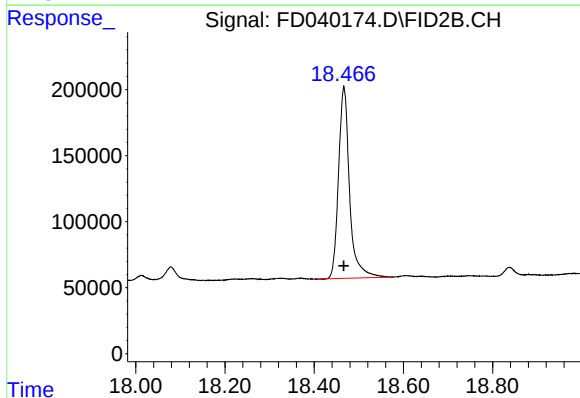
#17 n-Tricontane (C30)

R.T.: 16.856 min
Delta R.T.: 0.000 min
Response: 2785688
Conc: 23.20 ug/ml



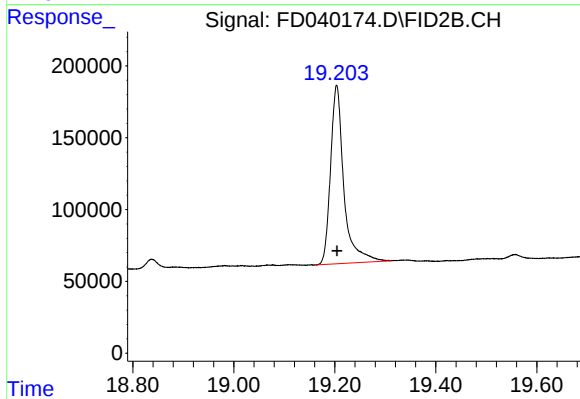
#18 n-Dotriacontane (C32)

R.T.: 17.685 min
Delta R.T.: 0.000 min
Response: 2578025
Conc: 22.88 ug/ml



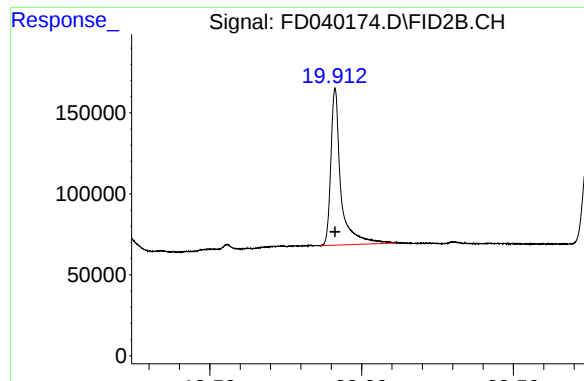
#19 n-Tetratriacontane (C34)

R.T.: 18.467 min
Delta R.T.: 0.000 min
Response: 2497793
Conc: 22.85 ug/ml



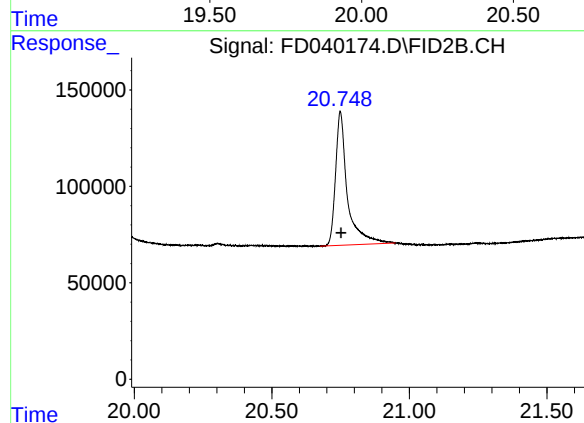
#20 n-Hexatriacontane (C36)

R.T.: 19.203 min
Delta R.T.: -0.001 min
Response: 2272812
Conc: 22.18 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.912 min
Delta R.T.: 0.000 min
Response: 2235738
Conc: 23.32 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.749 min
Delta R.T.: -0.003 min
Response: 2085897
Conc: 26.83 ug/ml