

Data Path : P:\HPCHEM1\FID_D\Data\FD020818AL\
 Data File : FD019938.D
 Signal(s) : FID2B.CH
 Acq On : 09 Feb 2018 6:00
 Operator : UA/AJ
 Sample : 100 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 09 15:01:29 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Alaphatic EPH 020818.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 09 07:13:17 2018
 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)	11.251	10217222	104.207 ug/ml
Spiked Amount 50.000		Recovery =	208.41%
12) S 1-chlorooctadecane (S...	12.689	7797342	106.988 ug/ml
Spiked Amount 50.000		Recovery =	213.98%
Target Compounds			
1) T n-Nonane (C9)	3.076	9309556	107.836 ug/ml
2) T n-Decane (C10)	4.133	9568829	110.889 ug/ml
3) T A-Naphthalene (C11.7)	5.696	10945945	124.828 ug/ml
4) T n-Dodecane (C12)	6.139	9841255	110.456 ug/ml
5) T A-2-methylnaphthalene...	6.748	10958382	122.004 ug/ml
6) T n-Tetradecane (C14)	7.924	9914850	108.378 ug/ml
7) T n-Hexadecane (C16)	9.514	9761199	105.010 ug/ml
8) T n-Octadecane (C18)	10.949	9416933	102.567 ug/ml
10) T n-Eicosane (C20)	12.251	9411139	102.533 ug/ml
11) T n-Heneicosane (C21)	12.859	9299492	102.906 ug/ml
13) T n-Docosane (C22)	13.442	9304918	104.038 ug/ml
14) T n-Tetracosane (C24)	14.538	9191128	105.664 ug/ml
15) T n-Hexacosane (C26)	15.554	9153414	106.282 ug/ml
16) T n-Octacosane (C28)	16.499	9248179	105.966 ug/ml
17) T n-Tricontane (C30)	17.383	8989733	104.307 ug/ml
18) T n-Dotriacontane (C32)	18.210	8686651	101.166 ug/mlm
19) T n-Tetratriacontane (C34)	18.989	8437904	101.926 ug/mlm
20) T n-Hexatriacontane (C36)	19.725	8014417	101.827 ug/mlm
21) T n-Octatriacontane (C38)	20.423	8053103	106.758 ug/mlm
22) T n-Tetracontane (C40)	21.205	7859087	112.786 ug/mlm

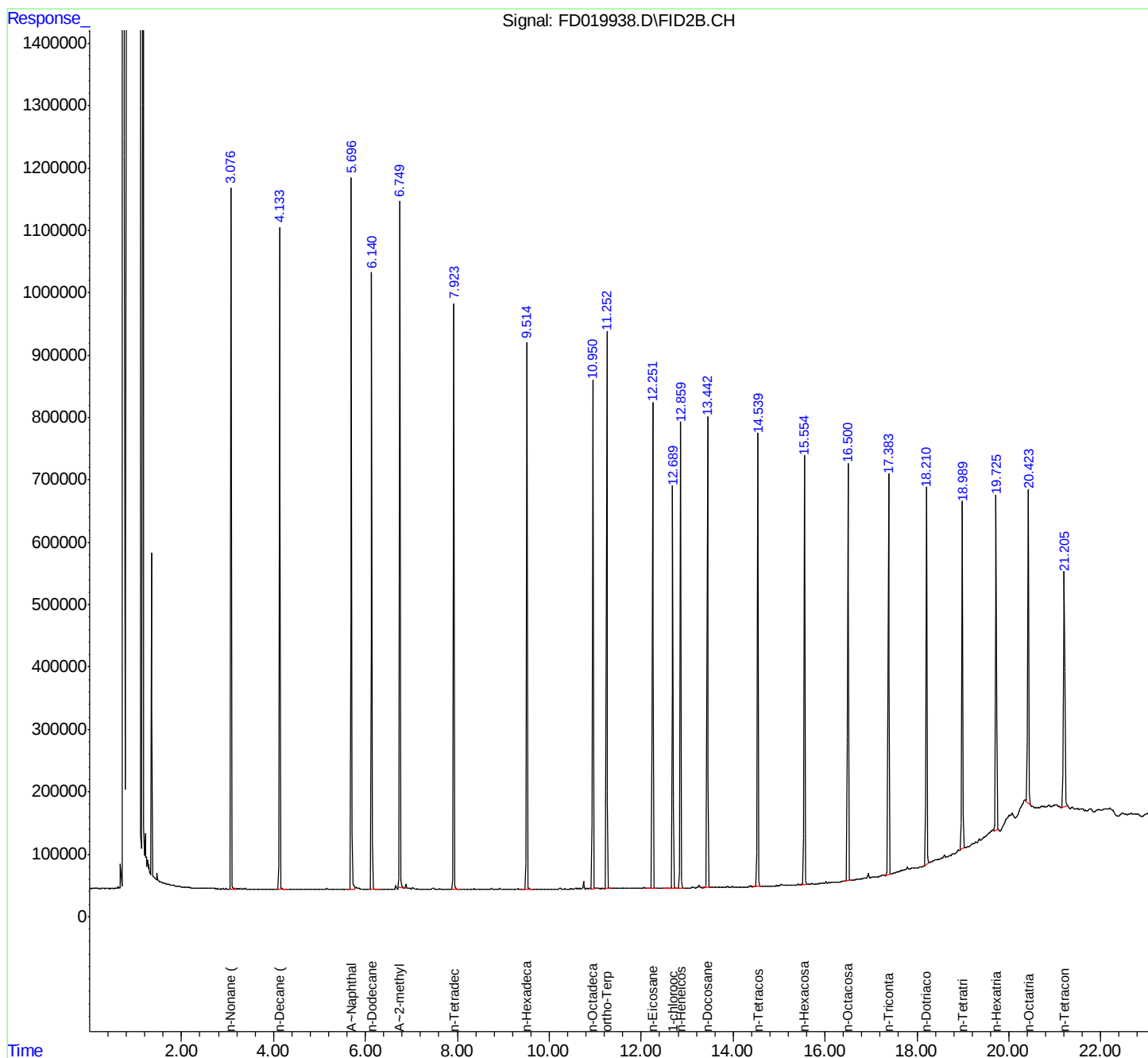
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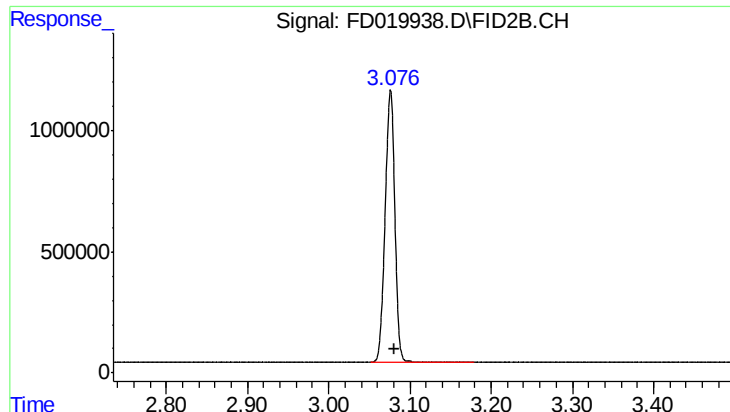
(m)=manual int.

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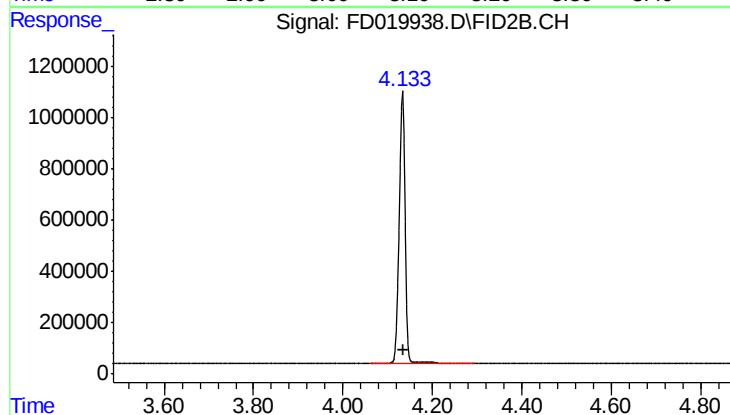
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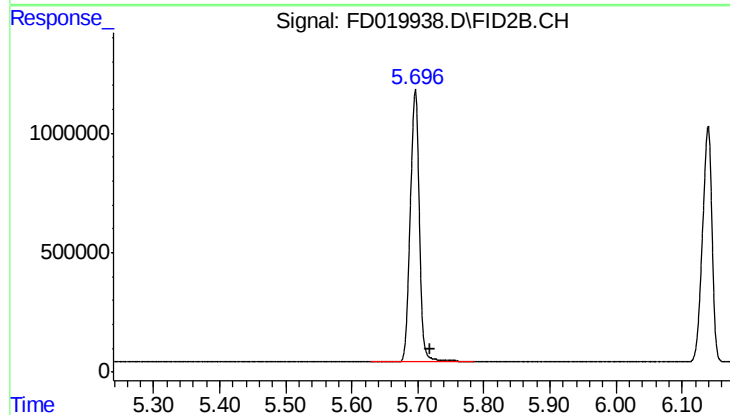
#1 n-Nonane (C9)

R.T.: 3.076 min
Delta R.T.: -0.004 min
Response: 9309556
Conc: 107.84 ug/ml



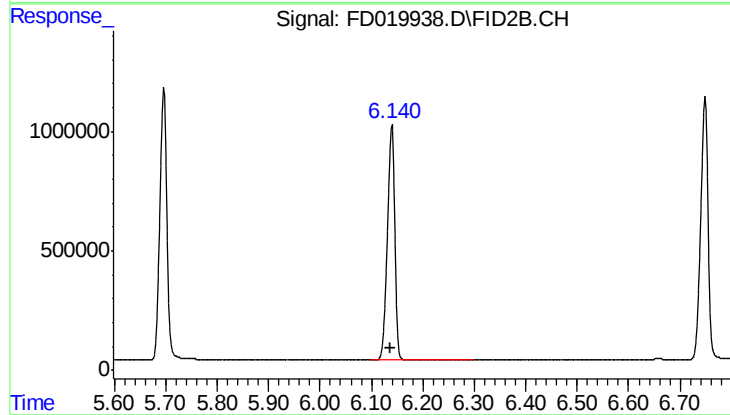
#2 n-Decane (C10)

R.T.: 4.133 min
Delta R.T.: -0.001 min
Response: 9568829
Conc: 110.89 ug/ml



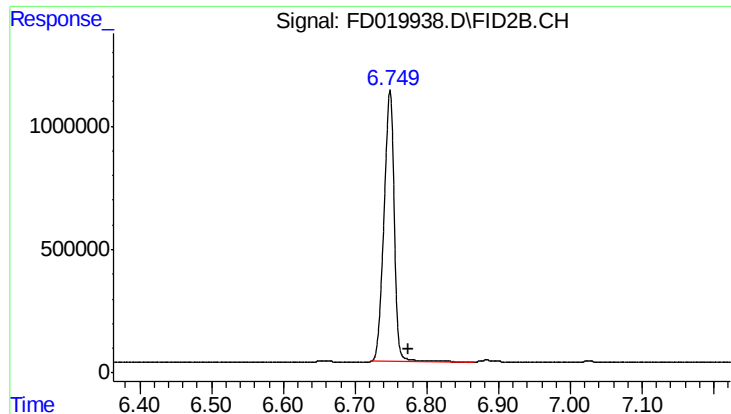
#3 A-Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: -0.022 min
Response: 10945945
Conc: 124.83 ug/ml



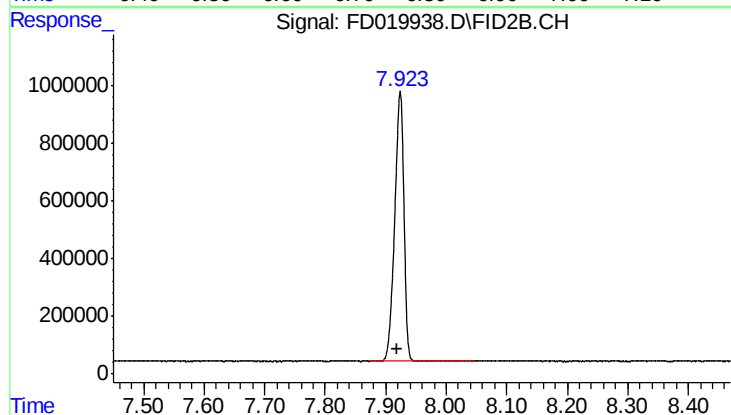
#4 n-Dodecane (C12)

R.T.: 6.139 min
Delta R.T.: 0.002 min
Response: 9841255
Conc: 110.46 ug/ml



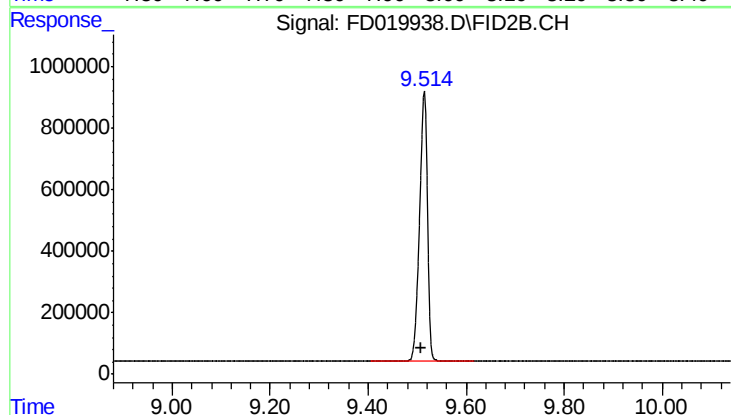
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.748 min
Delta R.T.: -0.026 min
Response: 10958382
Conc: 122.00 ug/ml



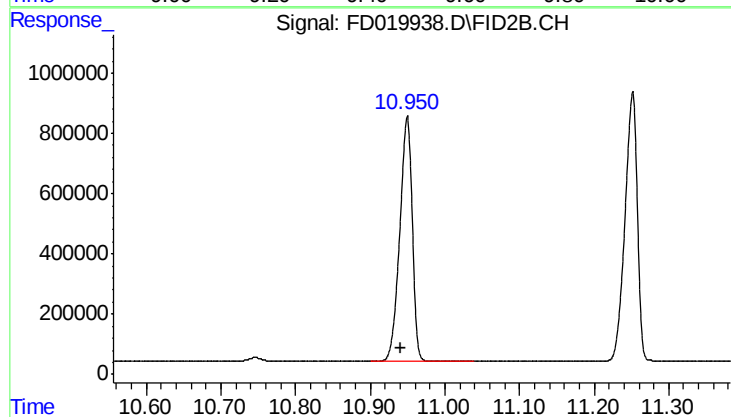
#6 n-Tetradecane (C14)

R.T.: 7.924 min
Delta R.T.: 0.005 min
Response: 9914850
Conc: 108.38 ug/ml



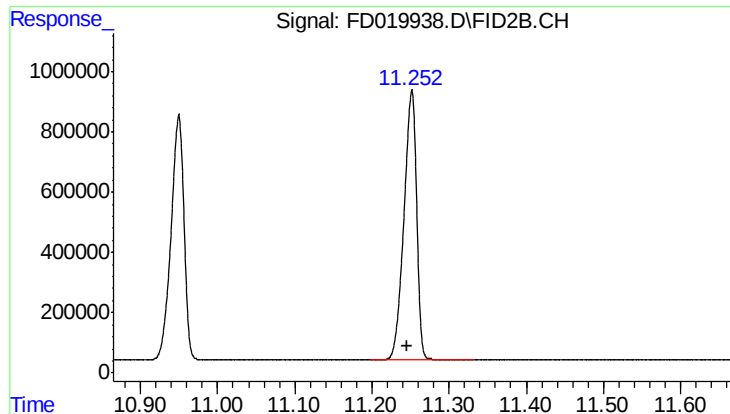
#7 n-Hexadecane (C16)

R.T.: 9.514 min
Delta R.T.: 0.006 min
Response: 9761199
Conc: 105.01 ug/ml



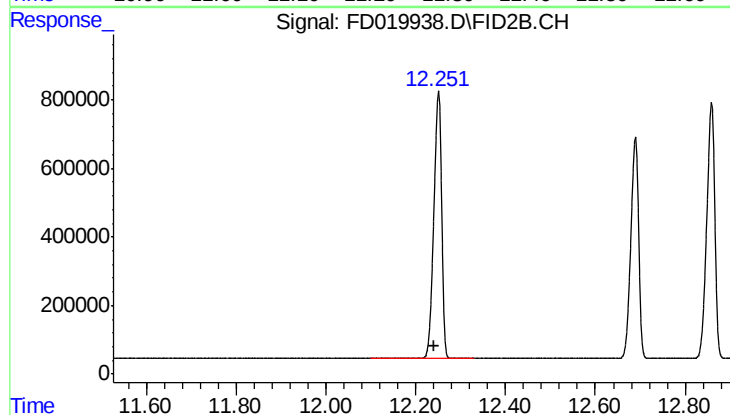
#8 n-Octadecane (C18)

R.T.: 10.949 min
Delta R.T.: 0.009 min
Response: 9416933
Conc: 102.57 ug/ml



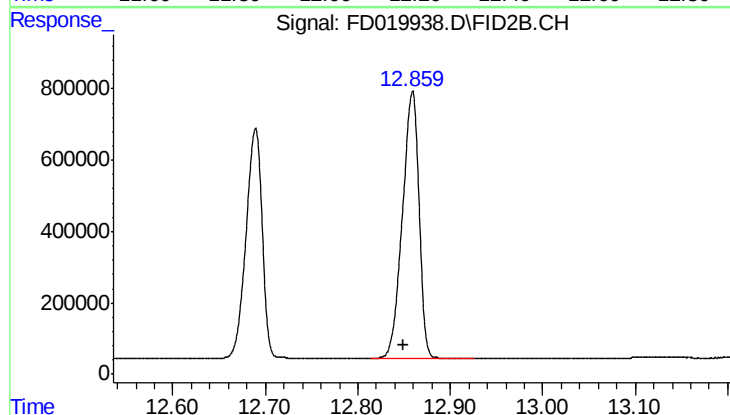
#9 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: 0.005 min
Response: 10217222
Conc: 104.21 ug/ml



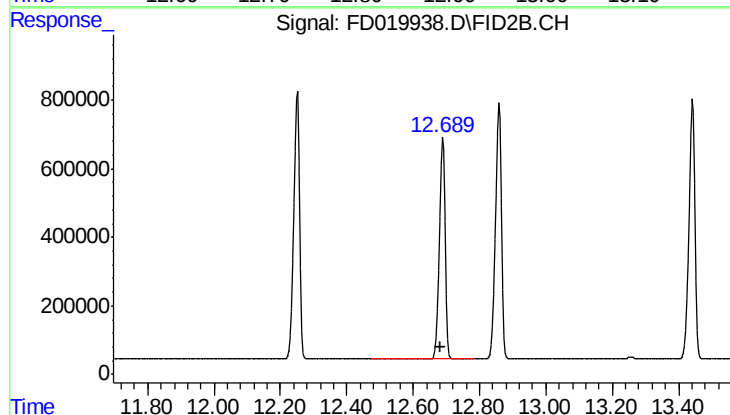
#10 n-Eicosane (C20)

R.T.: 12.251 min
Delta R.T.: 0.009 min
Response: 9411139
Conc: 102.53 ug/ml



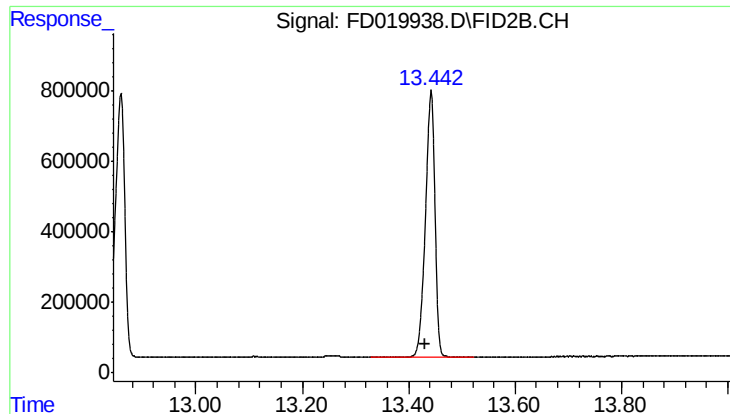
#11 n-Heneicosane (C21)

R.T.: 12.859 min
Delta R.T.: 0.010 min
Response: 9299492
Conc: 102.91 ug/ml



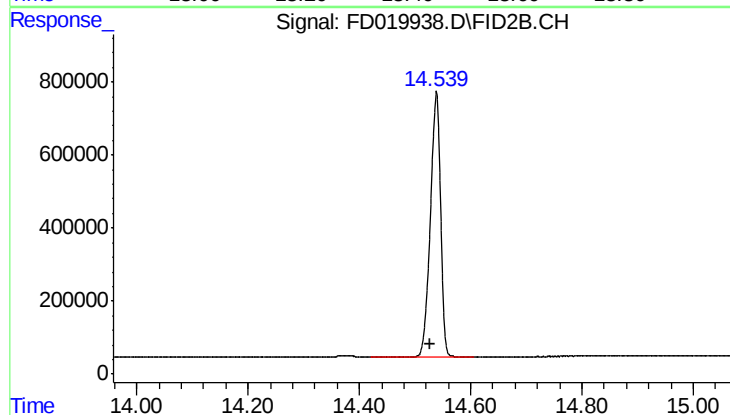
#12 1-chlorooctadecane (SURR)

R.T.: 12.689 min
Delta R.T.: 0.006 min
Response: 7797342
Conc: 106.99 ug/ml



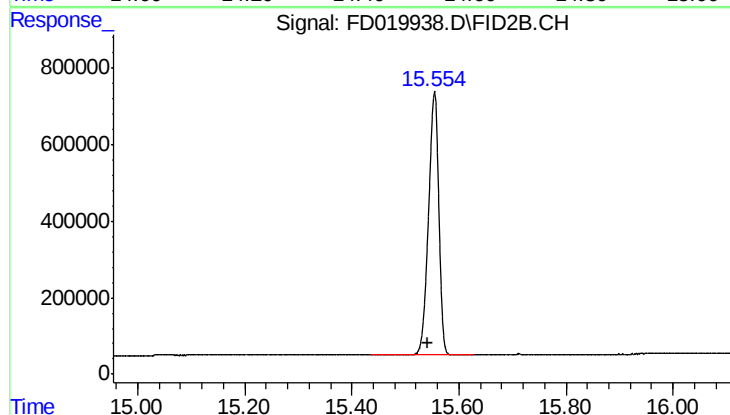
#13 n-Docosane (C22)

R.T.: 13.442 min
Delta R.T.: 0.010 min
Response: 9304918
Conc: 104.04 ug/ml



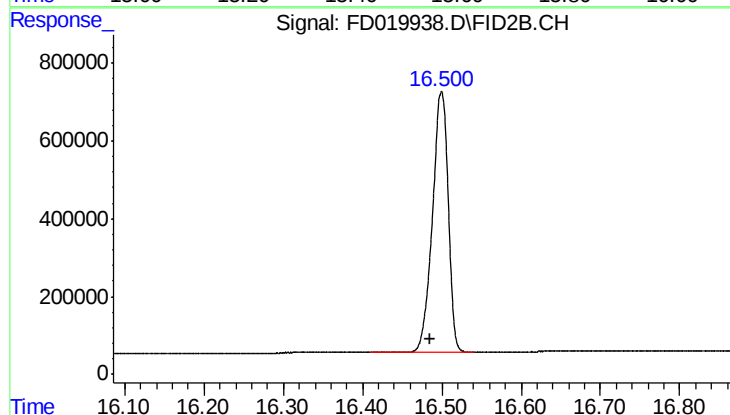
#14 n-Tetracosane (C24)

R.T.: 14.538 min
Delta R.T.: 0.011 min
Response: 9191128
Conc: 105.66 ug/ml



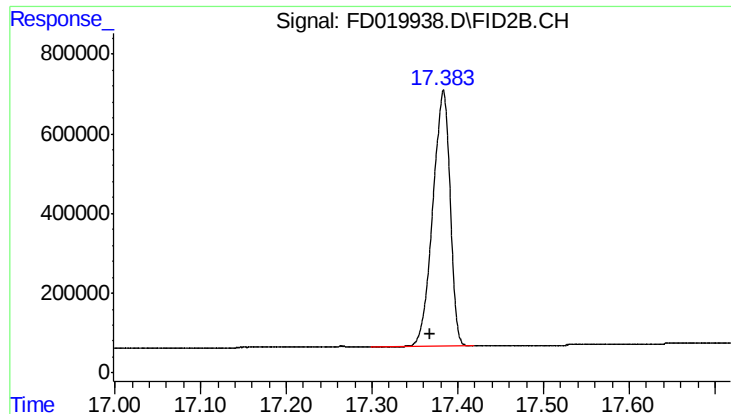
#15 n-Hexacosane (C26)

R.T.: 15.554 min
Delta R.T.: 0.012 min
Response: 9153414
Conc: 106.28 ug/ml



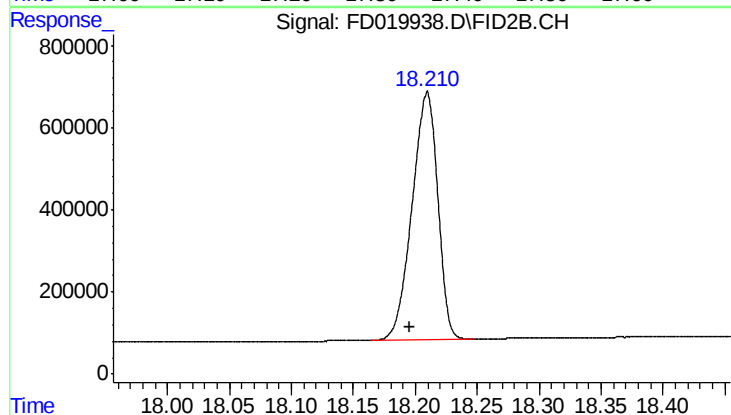
#16 n-Octacosane (C28)

R.T.: 16.499 min
Delta R.T.: 0.013 min
Response: 9248179
Conc: 105.97 ug/ml



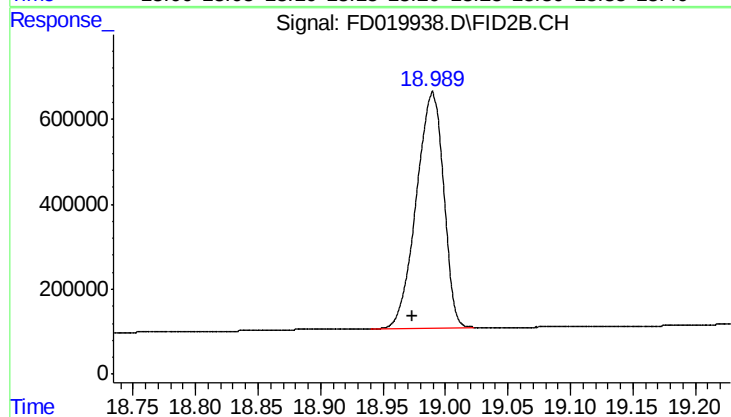
#17 n-Tricontane (C30)

R.T.: 17.383 min
Delta R.T.: 0.015 min
Response: 8989733
Conc: 104.31 ug/ml



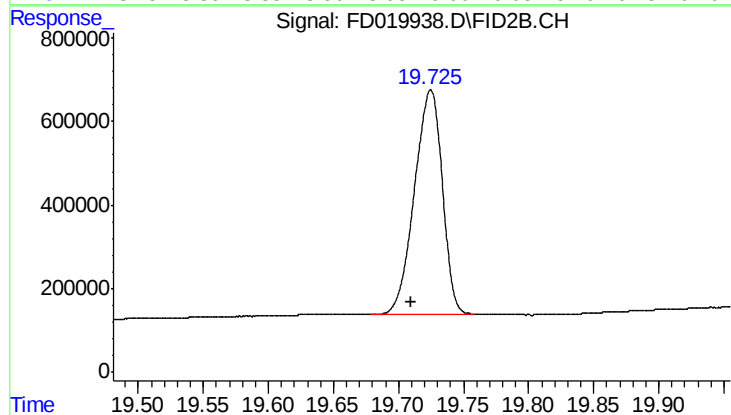
#18 n-Dotriacontane (C32)

R.T.: 18.210 min
Delta R.T.: 0.014 min
Response: 8686651
Conc: 101.17 ug/ml m



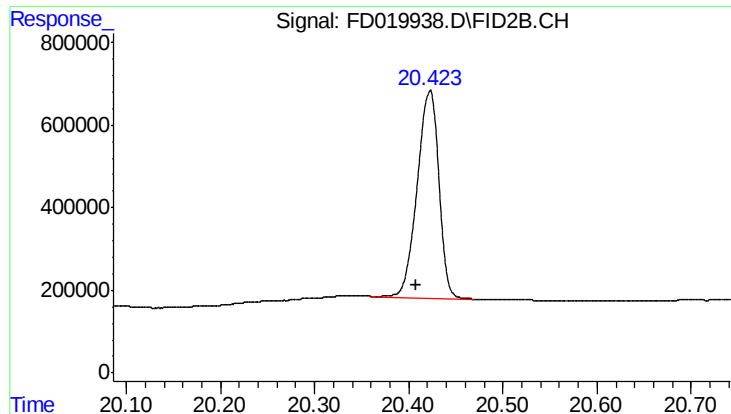
#19 n-Tetratriacontane (C34)

R.T.: 18.989 min
Delta R.T.: 0.016 min
Response: 8437904
Conc: 101.93 ug/ml m



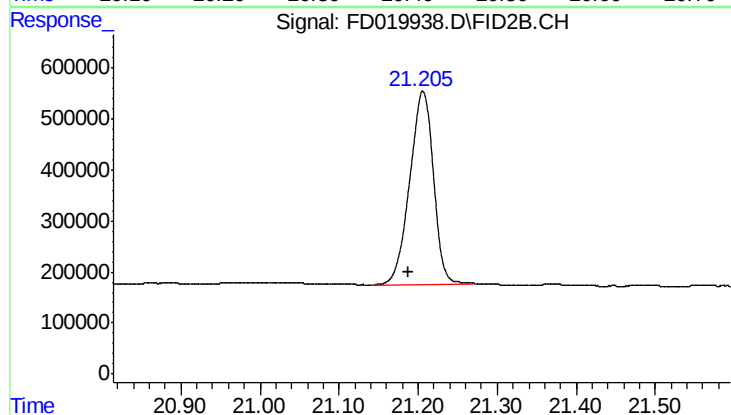
#20 n-Hexatriacontane (C36)

R.T.: 19.725 min
Delta R.T.: 0.015 min
Response: 8014417
Conc: 101.83 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.423 min
Delta R.T.: 0.015 min
Response: 8053103
Conc: 106.76 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.205 min
Delta R.T.: 0.017 min
Response: 7859087
Conc: 112.79 ug/ml m