

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072522AL\
 Data File : FD043346.D
 Signal(s) : FID2B.ch
 Acq On : 26 Jul 2022 05:13
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 26 05:39:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.526	3143103	19.856 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
12) S 1-chlorooctadecane (S...	12.962	2458482	20.059 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
Target Compounds			
1) T n-Nonane (C9)	3.311	2801315	19.986 ug/ml
2) T n-Decane (C10)	4.375	2807208	19.965 ug/ml
3) T A~Naphthalene (C11.7)	5.952	3055990	20.112 ug/ml
4) T n-Dodecane (C12)	6.388	2833736	19.910 ug/ml
5) T A~2-methylnaphthalene...	7.006	3007987	20.104 ug/ml
6) T n-Tetradecane (C14)	8.180	2826829	19.928 ug/ml
7) T n-Hexadecane (C16)	9.776	2810080	19.813 ug/ml
8) T n-Octadecane (C18)	11.214	2841776	19.874 ug/ml
10) T n-Eicosane (C20)	12.520	2883004	19.911 ug/ml
11) T n-Heneicosane (C21)	13.130	2902336	19.983 ug/ml
13) T n-Docosane (C22)	13.715	2900552	19.993 ug/ml
14) T n-Tetracosane (C24)	14.815	2911140	20.095 ug/ml
15) T n-Hexacosane (C26)	15.832	2901475	20.172 ug/ml
16) T n-Octacosane (C28)	16.779	2870841	20.294 ug/ml
17) T n-Tricontane (C30)	17.662	2869994	20.334 ug/ml
18) T n-Dotriacontane (C32)	18.491	2818123	20.379 ug/ml
19) T n-Tetratriacontane (C34)	19.272	2632964	20.461 ug/ml
20) T n-Hexatriacontane (C36)	20.008	2535178	20.553 ug/ml
21) T n-Octatriacontane (C38)	20.728	2403062	20.322 ug/ml
22) T n-Tetracontane (C40)	21.603	2280896	20.172 ug/ml

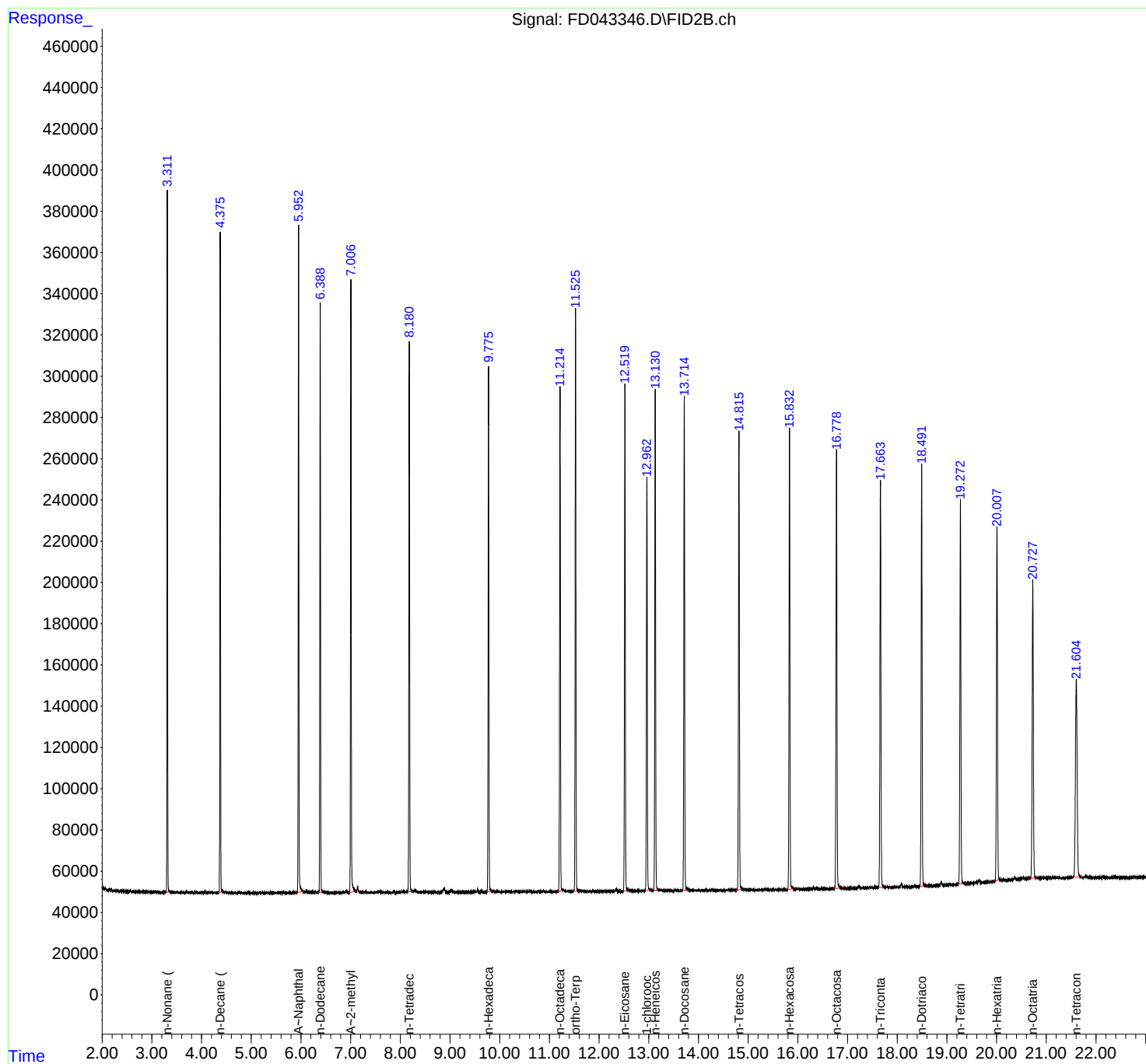
(f)=RT Delta > 1/2 Window

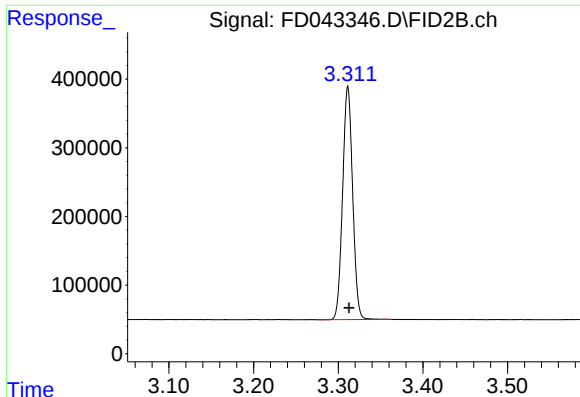
(m)=manual int.

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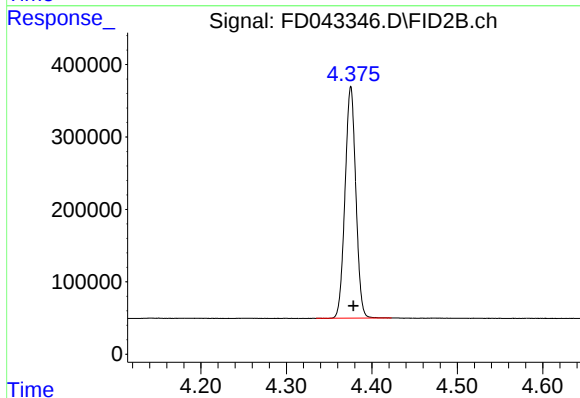
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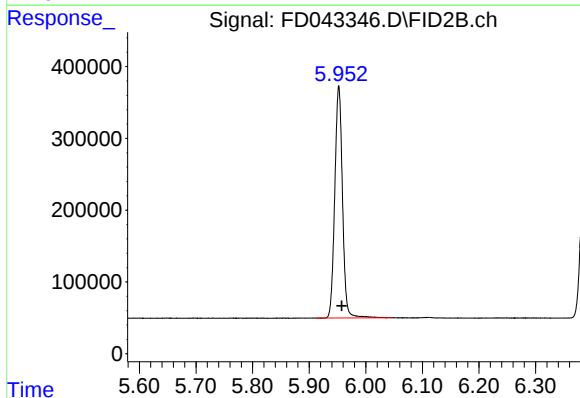
#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: -0.002 min
Response: 2801315
Conc: 19.99 ug/ml



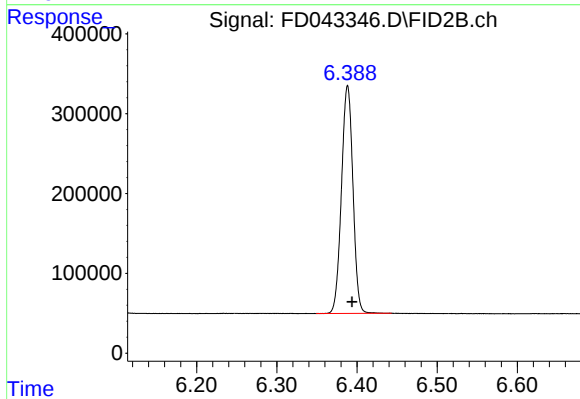
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.003 min
Response: 2807208
Conc: 19.97 ug/ml



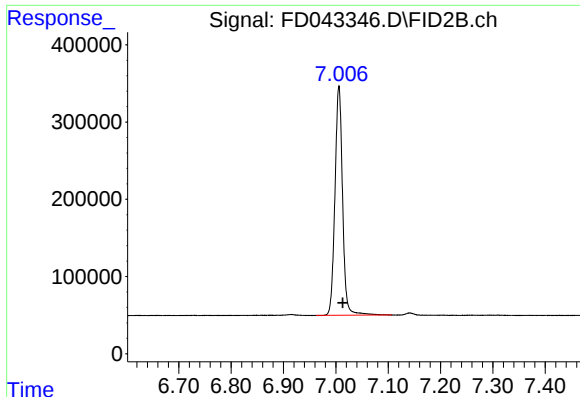
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.005 min
Response: 3055990
Conc: 20.11 ug/ml



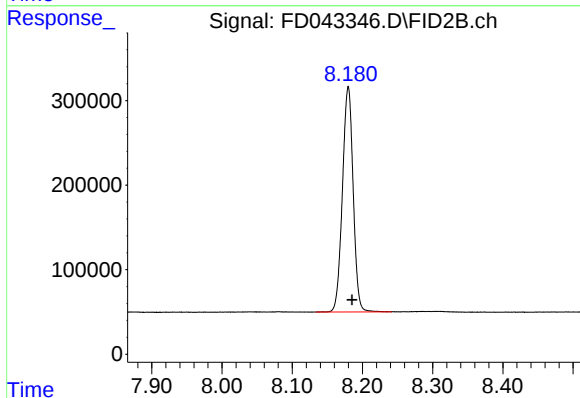
#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: -0.006 min
Response: 2833736
Conc: 19.91 ug/ml



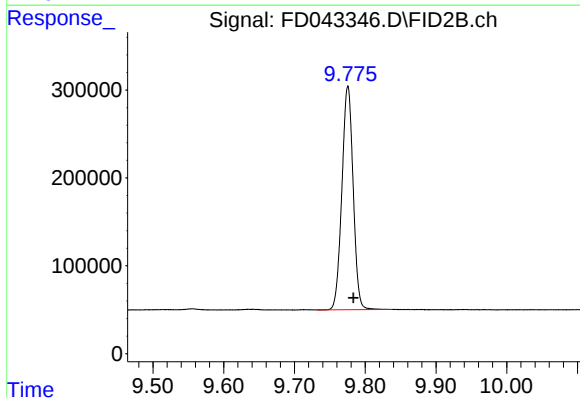
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.006 min
Delta R.T.: -0.007 min
Response: 3007987
Conc: 20.10 ug/ml



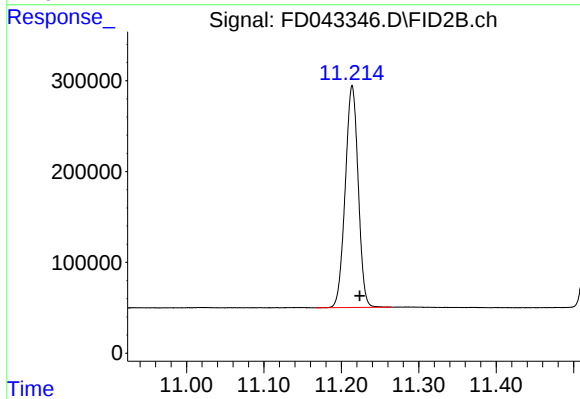
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: -0.006 min
Response: 2826829
Conc: 19.93 ug/ml



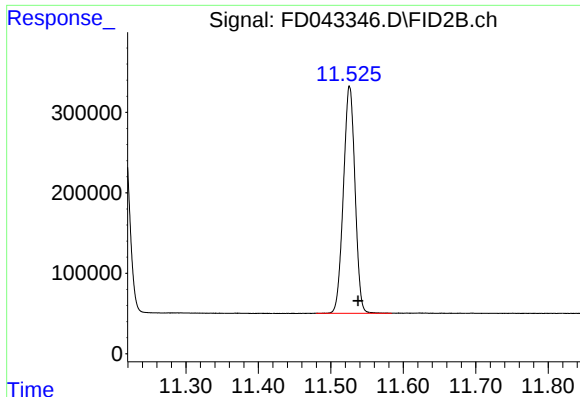
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.008 min
Response: 2810080
Conc: 19.81 ug/ml



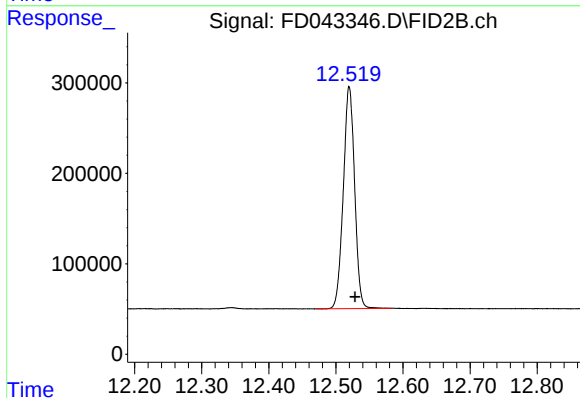
#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: -0.010 min
Response: 2841776
Conc: 19.87 ug/ml



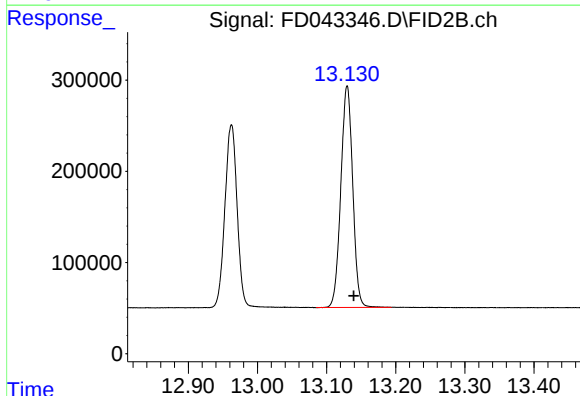
#9 ortho-Terphenyl (SURR)

R.T.: 11.526 min
Delta R.T.: -0.012 min
Response: 3143103
Conc: 19.86 ug/ml



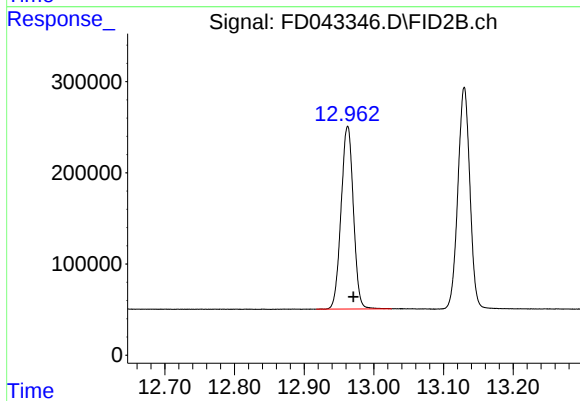
#10 n-Eicosane (C20)

R.T.: 12.520 min
Delta R.T.: -0.009 min
Response: 2883004
Conc: 19.91 ug/ml



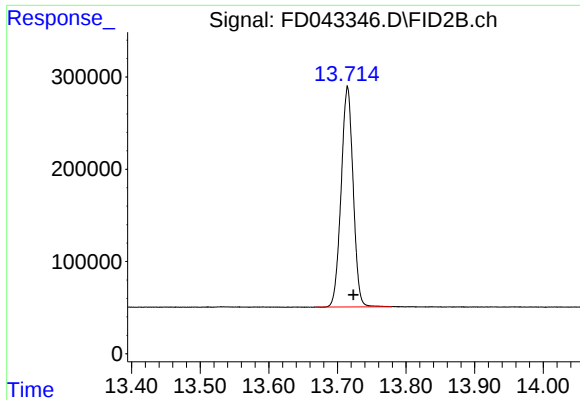
#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: -0.009 min
Response: 2902336
Conc: 19.98 ug/ml



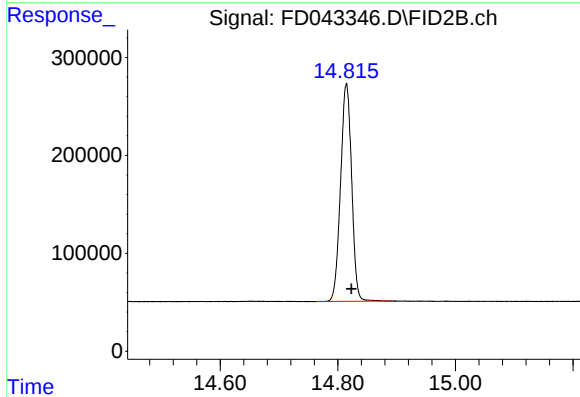
#12 1-chlorooctadecane (SURR)

R.T.: 12.962 min
Delta R.T.: -0.008 min
Response: 2458482
Conc: 20.06 ug/ml



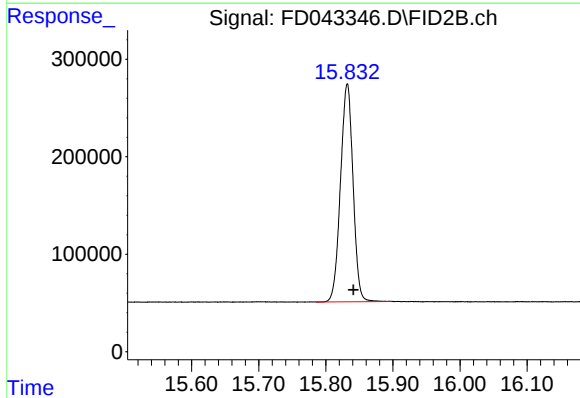
#13 n-Docosane (C22)

R.T.: 13.715 min
Delta R.T.: -0.008 min
Response: 2900552
Conc: 19.99 ug/ml



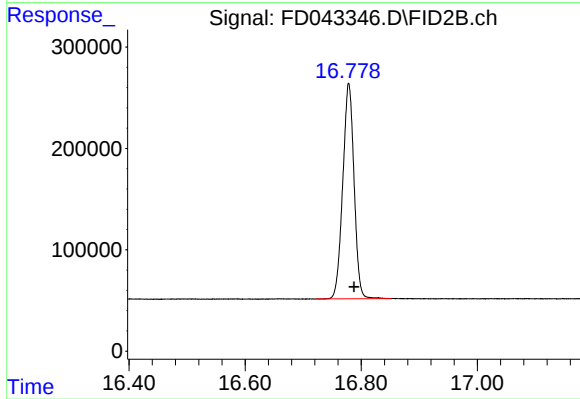
#14 n-Tetracosane (C24)

R.T.: 14.815 min
Delta R.T.: -0.008 min
Response: 2911140
Conc: 20.09 ug/ml



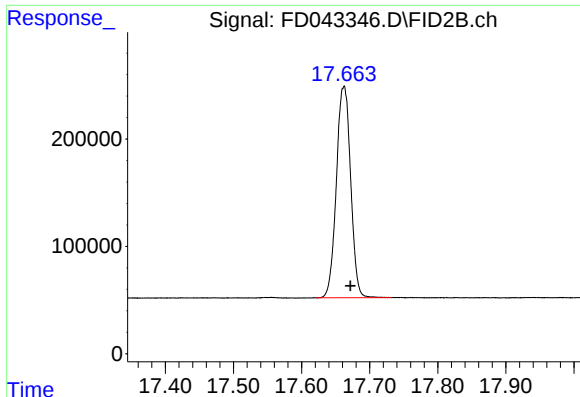
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: -0.009 min
Response: 2901475
Conc: 20.17 ug/ml



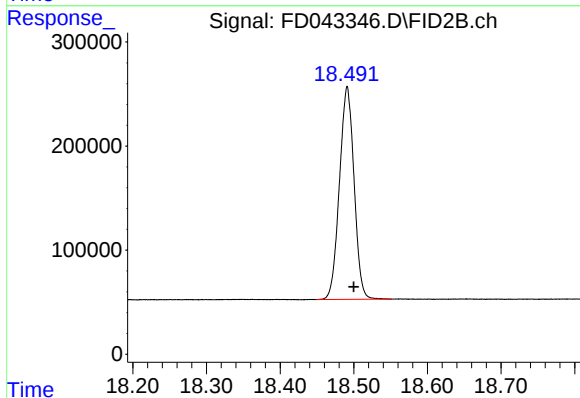
#16 n-Octacosane (C28)

R.T.: 16.779 min
Delta R.T.: -0.009 min
Response: 2870841
Conc: 20.29 ug/ml



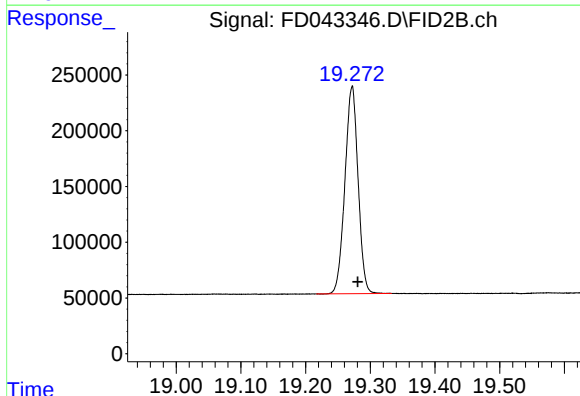
#17 n-Tricontane (C30)

R.T.: 17.662 min
Delta R.T.: -0.010 min
Response: 2869994
Conc: 20.33 ug/ml



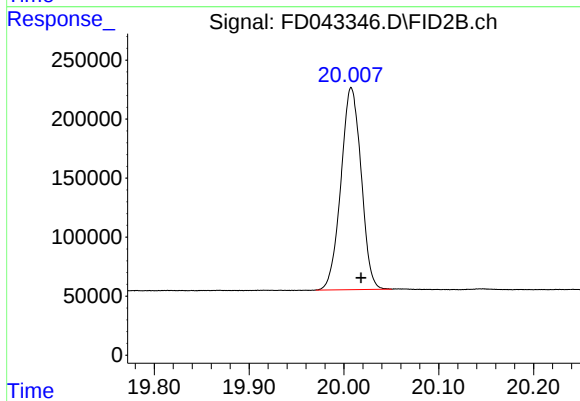
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: -0.009 min
Response: 2818123
Conc: 20.38 ug/ml



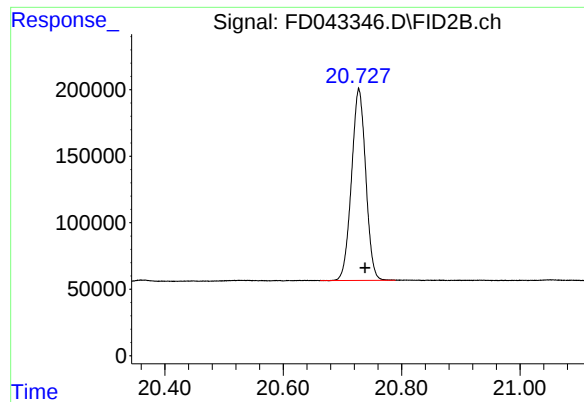
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min
Delta R.T.: -0.009 min
Response: 2632964
Conc: 20.46 ug/ml



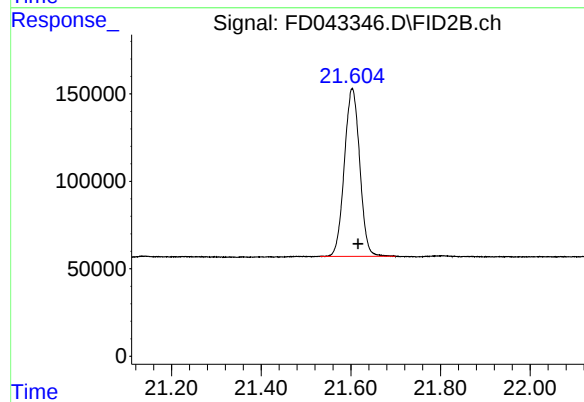
#20 n-Hexatriacontane (C36)

R.T.: 20.008 min
Delta R.T.: -0.010 min
Response: 2535178
Conc: 20.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: -0.010 min
Response: 2403062
Conc: 20.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.603 min
Delta R.T.: -0.013 min
Response: 2280896
Conc: 20.17 ug/ml