

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021424AL\
 Data File : FF014038.D
 Signal(s) : FID2B.ch
 Acq On : 14 Feb 2024 14:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 15 00:30:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 16:35:47 2024
 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)	11.855	2991633	20.565 ug/ml
Spiked Amount 50.000		Recovery =	41.13%
12) S 1-chlorooctadecane (S...	13.296	2250811	20.857 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
Target Compounds			
1) T n-Nonane (C9)	3.256	2531835	20.447 ug/ml
2) T n-Decane (C10)	4.505	2591541	20.506 ug/ml
3) T A~Naphthalene (C11.7)	6.201	2783207	20.656 ug/ml
4) T n-Dodecane (C12)	6.668	2649742	20.709 ug/ml
5) T A~2-methylnaphthalene...	7.294	2675445	20.858 ug/ml
6) T n-Tetradecane (C14)	8.494	2627048	20.739 ug/ml
7) T n-Hexadecane (C16)	10.099	2725405	20.608 ug/ml
8) T n-Octadecane (C18)	11.543	2798521	20.555 ug/ml
10) T n-Eicosane (C20)	12.853	2729153	20.618 ug/ml
11) T n-Heneicosane (C21)	13.466	2691275	20.597 ug/ml
13) T n-Docosane (C22)	14.052	2671477	20.600 ug/ml
14) T n-Tetracosane (C24)	15.156	2657460	20.695 ug/ml
15) T n-Hexacosane (C26)	16.178	2575698	20.715 ug/ml
16) T n-Octacosane (C28)	17.129	2485717	20.877 ug/ml
17) T n-Tricontane (C30)	18.017	2483335	21.129 ug/ml
18) T n-Dotriacontane (C32)	18.850	2409918	21.286 ug/ml
19) T n-Tetratriacontane (C34)	19.634	2265211	21.126 ug/ml
20) T n-Hexatriacontane (C36)	20.375	2146408	21.327 ug/ml
21) T n-Octatriacontane (C38)	21.102	2111085	20.290 ug/ml
22) T n-Tetracontane (C40)	21.989	2116769	21.034 ug/ml

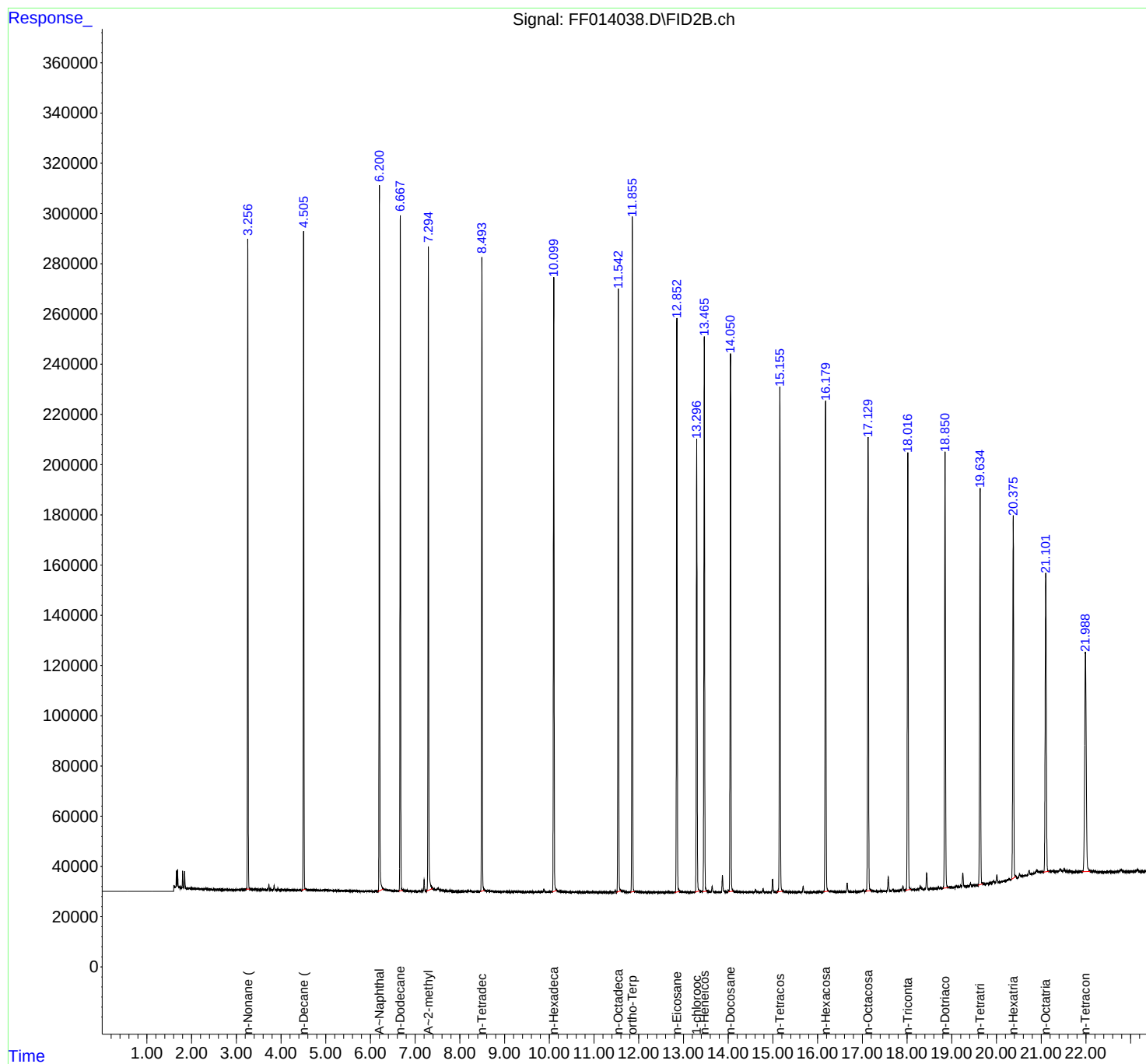
(f)=RT Delta > 1/2 Window

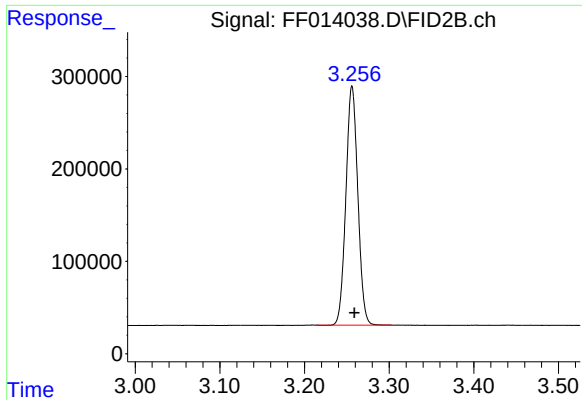
(m)=manual int.

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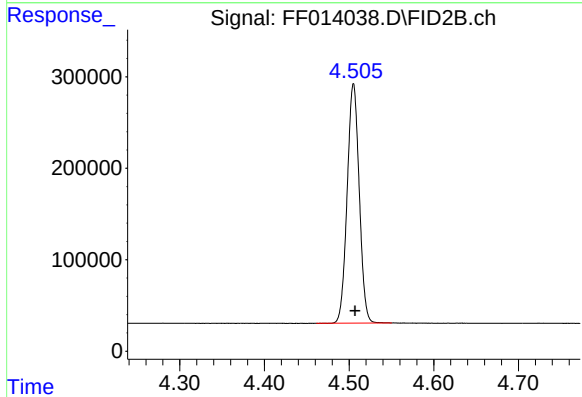
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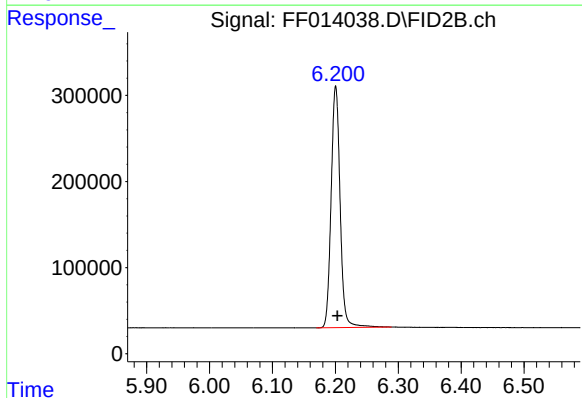
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: -0.003 min
Response: 2531835
Conc: 20.45 ug/ml



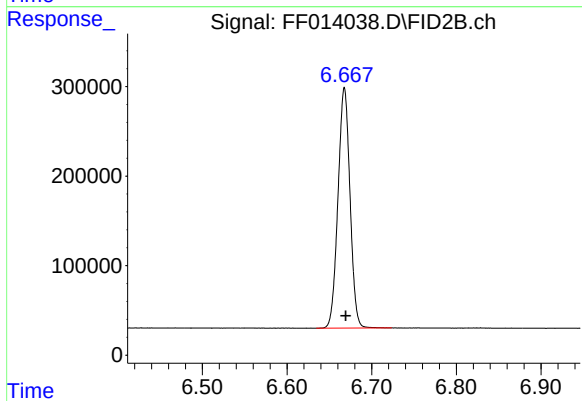
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: -0.002 min
Response: 2591541
Conc: 20.51 ug/ml



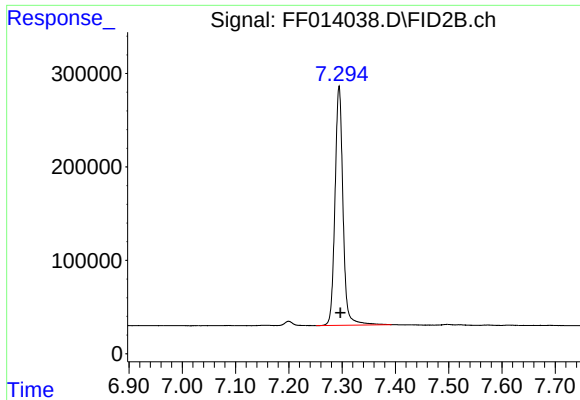
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 2783207
Conc: 20.66 ug/ml



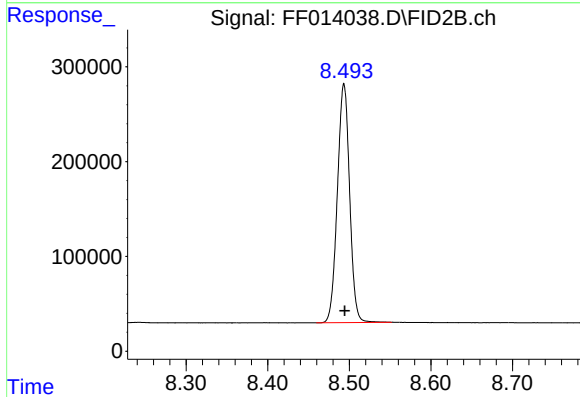
#4 n-Dodecane (C12)

R.T.: 6.668 min
Delta R.T.: -0.002 min
Response: 2649742
Conc: 20.71 ug/ml



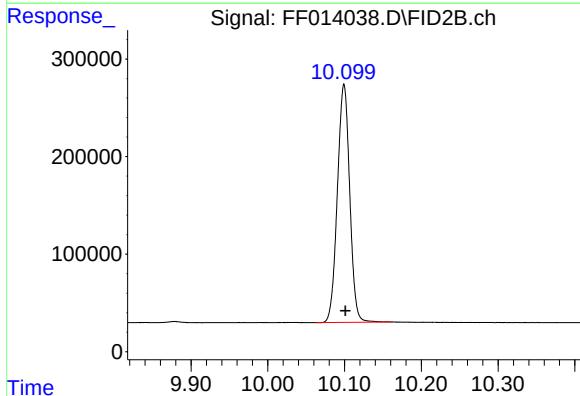
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.294 min
Delta R.T.: -0.002 min
Response: 2675445
Conc: 20.86 ug/ml



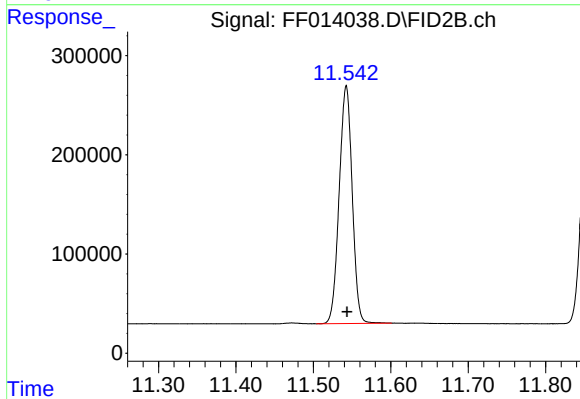
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 2627048
Conc: 20.74 ug/ml



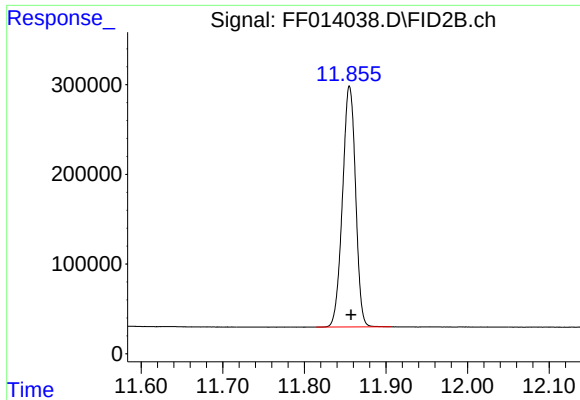
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.002 min
Response: 2725405
Conc: 20.61 ug/ml



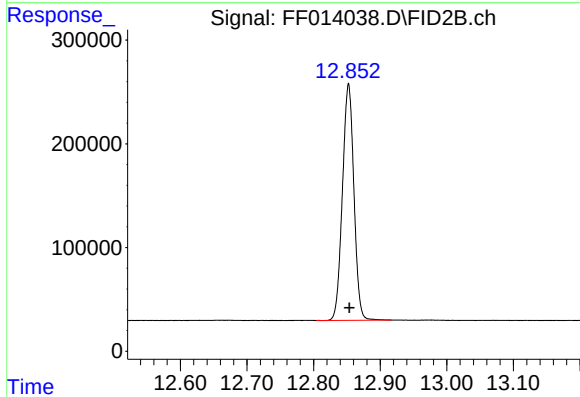
#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: -0.001 min
Response: 2798521
Conc: 20.56 ug/ml



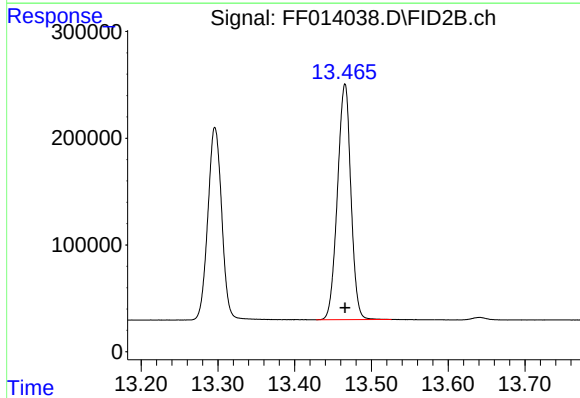
#9 ortho-Terphenyl (SURR)

R.T.: 11.855 min
Delta R.T.: -0.002 min
Response: 2991633
Conc: 20.57 ug/ml



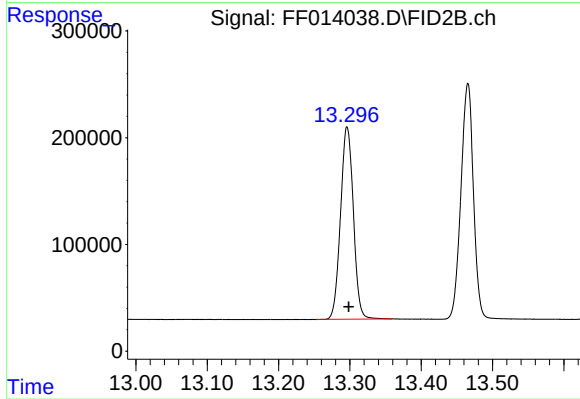
#10 n-Eicosane (C20)

R.T.: 12.853 min
Delta R.T.: -0.001 min
Response: 2729153
Conc: 20.62 ug/ml



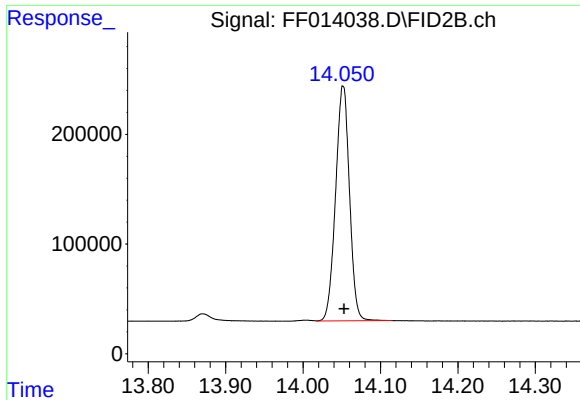
#11 n-Heneicosane (C21)

R.T.: 13.466 min
Delta R.T.: 0.000 min
Response: 2691275
Conc: 20.60 ug/ml



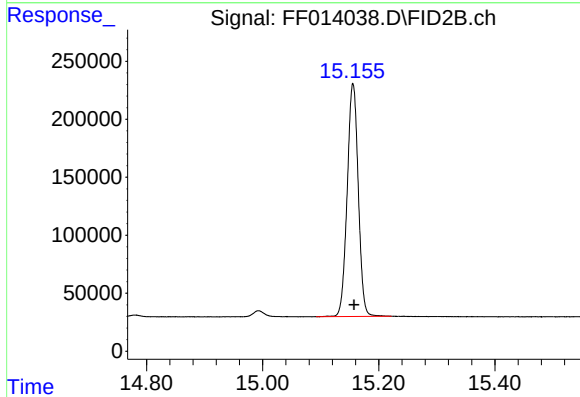
#12 1-chlorooctadecane (SURR)

R.T.: 13.296 min
Delta R.T.: -0.002 min
Response: 2250811
Conc: 20.86 ug/ml



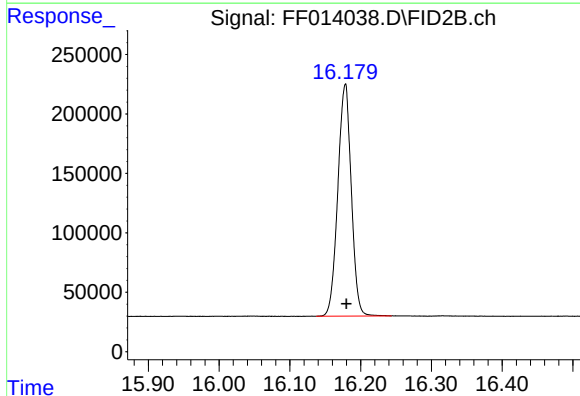
#13 n-Docosane (C22)

R.T.: 14.052 min
Delta R.T.: -0.001 min
Response: 2671477
Conc: 20.60 ug/ml



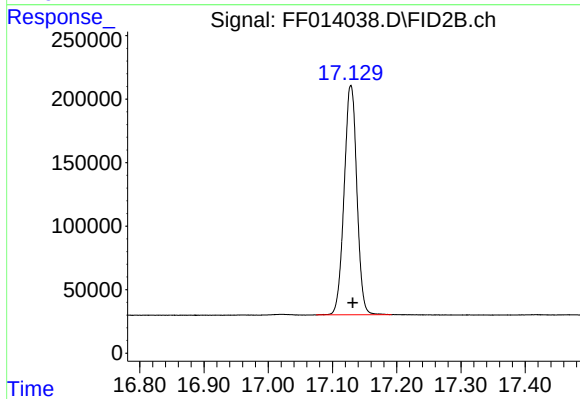
#14 n-Tetracosane (C24)

R.T.: 15.156 min
Delta R.T.: -0.002 min
Response: 2657460
Conc: 20.70 ug/ml



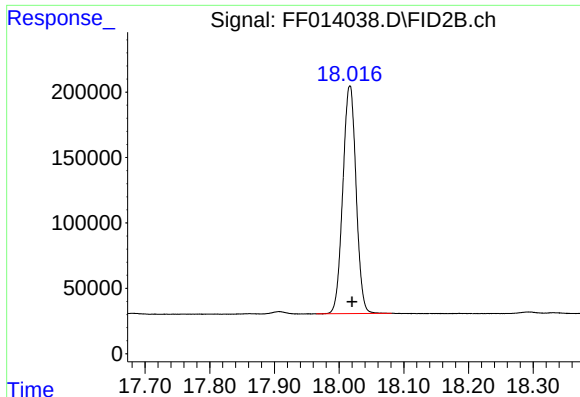
#15 n-Hexacosane (C26)

R.T.: 16.178 min
Delta R.T.: -0.002 min
Response: 2575698
Conc: 20.72 ug/ml



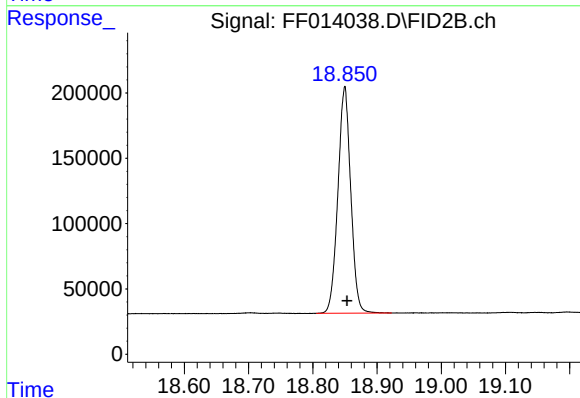
#16 n-Octacosane (C28)

R.T.: 17.129 min
Delta R.T.: -0.003 min
Response: 2485717
Conc: 20.88 ug/ml



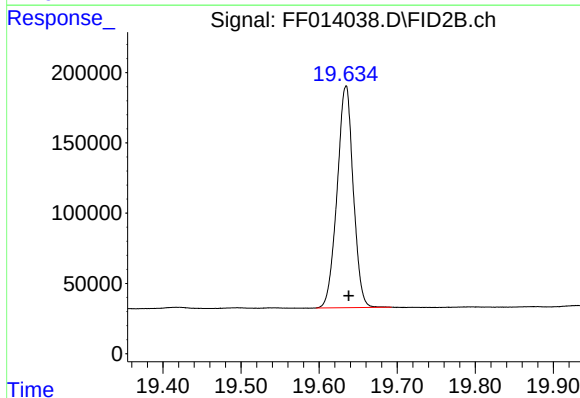
#17 n-Tricontane (C30)

R.T.: 18.017 min
Delta R.T.: -0.003 min
Response: 2483335
Conc: 21.13 ug/ml



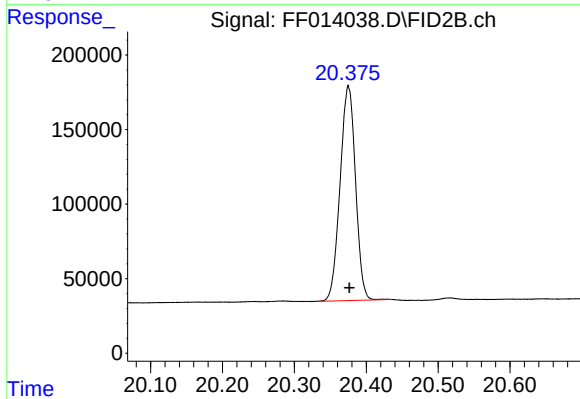
#18 n-Dotriacontane (C32)

R.T.: 18.850 min
Delta R.T.: -0.004 min
Response: 2409918
Conc: 21.29 ug/ml



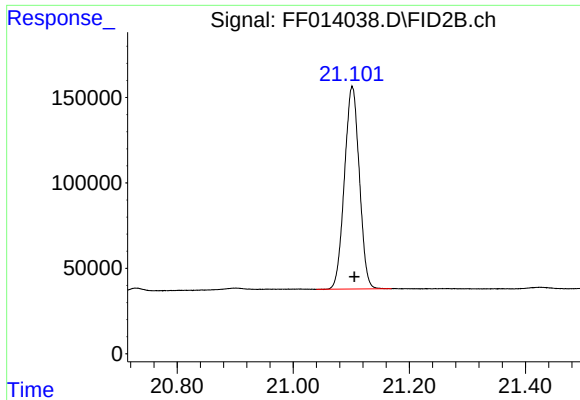
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: -0.003 min
Response: 2265211
Conc: 21.13 ug/ml



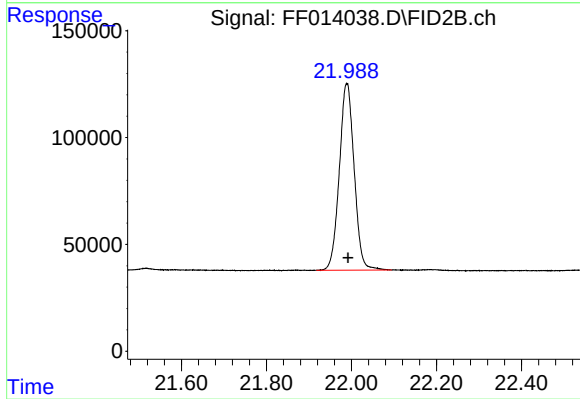
#20 n-Hexatriacontane (C36)

R.T.: 20.375 min
Delta R.T.: -0.002 min
Response: 2146408
Conc: 21.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: -0.004 min
Response: 2111085
Conc: 20.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.989 min
Delta R.T.: -0.003 min
Response: 2116769
Conc: 21.03 ug/ml