

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062122AL\
 Data File : FD043005.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jun 2022 23:06
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 22 01:18:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 2022
 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)	11.571	3045892	18.340 ug/ml
Spiked Amount 50.000		Recovery =	36.68%
12) S 1-chlorooctadecane (S...	13.007	2345362	17.958 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
Target Compounds			
1) T n-Nonane (C9)	3.337	2806556	20.259 ug/ml
2) T n-Decane (C10)	4.406	2791915	20.219 ug/ml
3) T A~Naphthalene (C11.7)	5.990	3191406	20.287 ug/ml
4) T n-Dodecane (C12)	6.422	2875637	20.293 ug/ml
5) T A~2-methylnaphthalene...	7.045	3235488	20.209 ug/ml
6) T n-Tetradecane (C14)	8.216	2906314	20.180 ug/ml
7) T n-Hexadecane (C16)	9.815	2928844	19.855 ug/ml
8) T n-Octadecane (C18)	11.255	2900122	19.268 ug/ml
10) T n-Eicosane (C20)	12.563	2782054	18.500 ug/ml
11) T n-Heneicosane (C21)	13.173	2734777	18.065 ug/ml
13) T n-Docosane (C22)	13.760	2678152	17.717 ug/ml
14) T n-Tetracosane (C24)	14.861	2545885	16.964 ug/ml
15) T n-Hexacosane (C26)	15.880	2445790	16.776 ug/ml
16) T n-Octacosane (C28)	16.828	2418938	17.343 ug/ml
17) T n-Tricontane (C30)	17.714	2515492	19.240 ug/ml
18) T n-Dotriacontane (C32)	18.546	2238569	18.959 ug/ml
19) T n-Tetratriacontane (C34)	19.327	2703268	25.430 ug/ml
20) T n-Hexatriacontane (C36)	20.065	3719532	38.040 ug/ml
21) T n-Octatriacontane (C38)	20.796	3450856	37.833 ug/ml
22) T n-Tetracontane (C40)	21.695	3604482	44.481 ug/ml

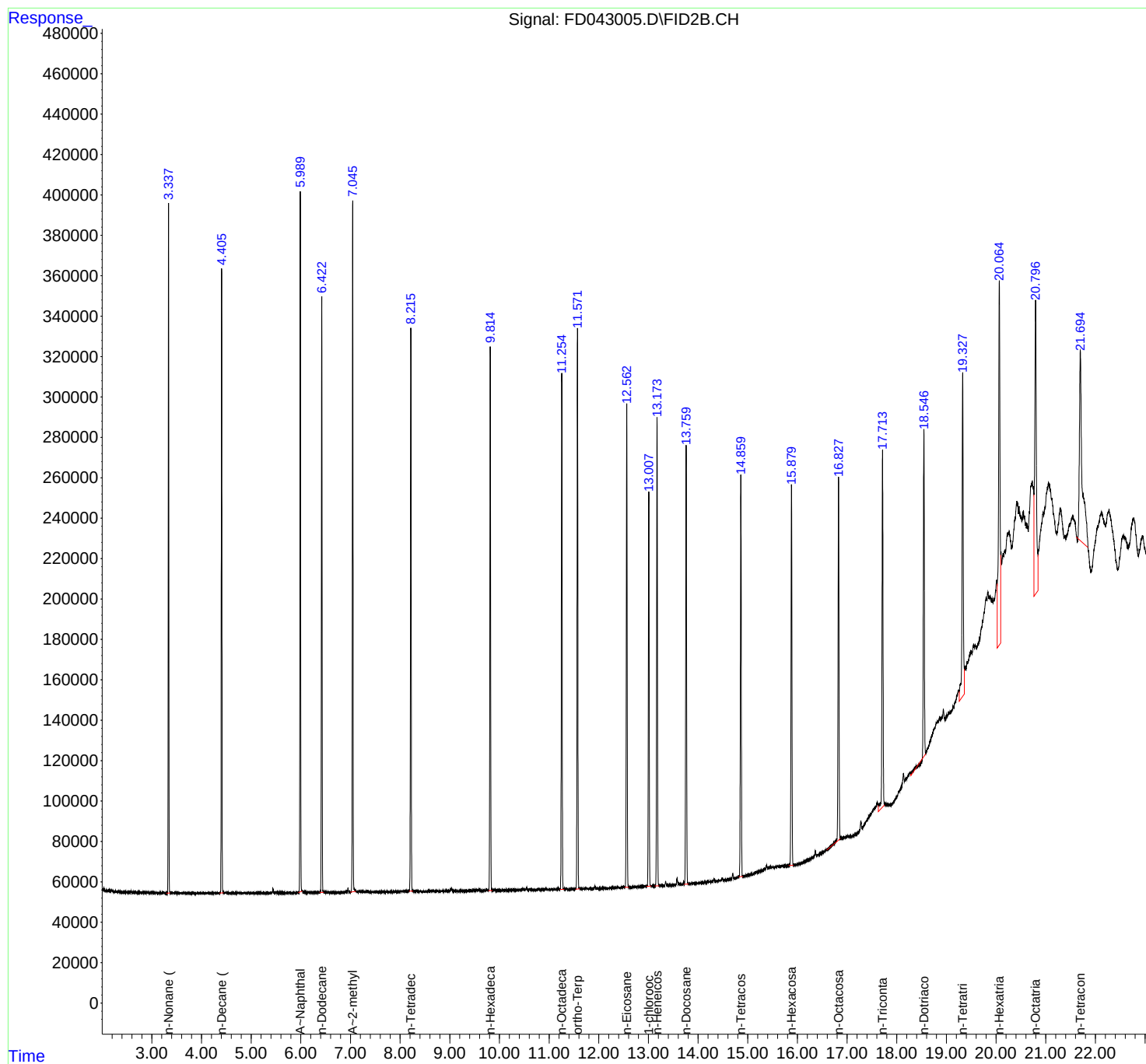
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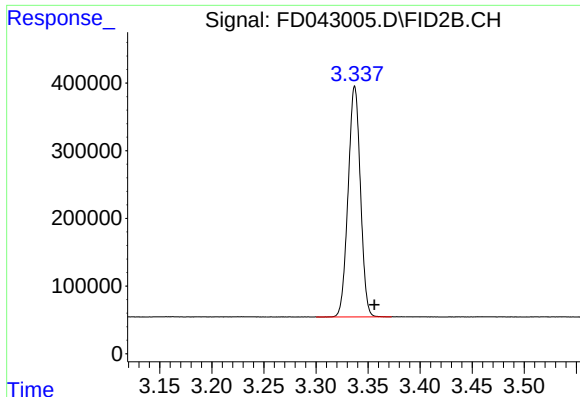
(m)=manual int.

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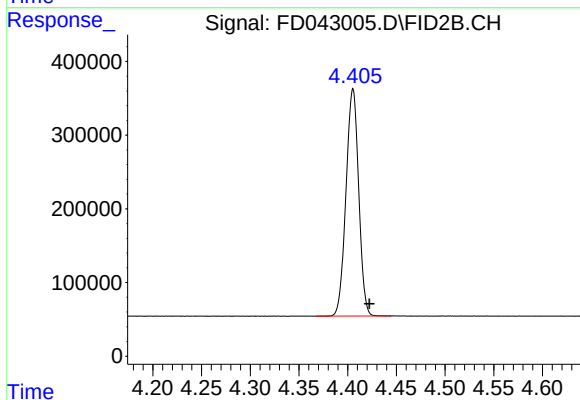
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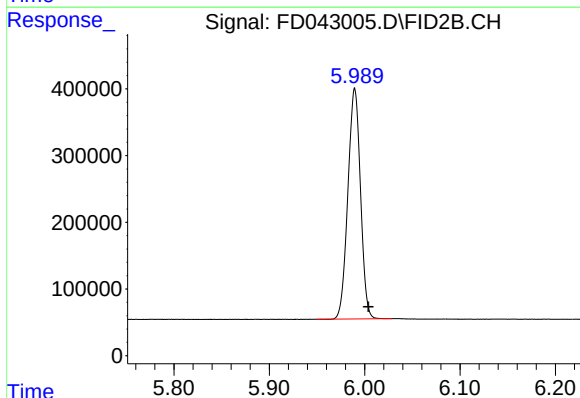
#1 n-Nonane (C9)

R.T.: 3.337 min
Delta R.T.: -0.019 min
Response: 2806556
Conc: 20.26 ug/ml



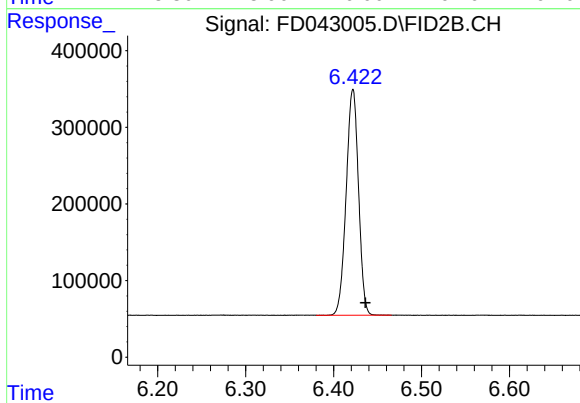
#2 n-Decane (C10)

R.T.: 4.406 min
Delta R.T.: -0.017 min
Response: 2791915
Conc: 20.22 ug/ml



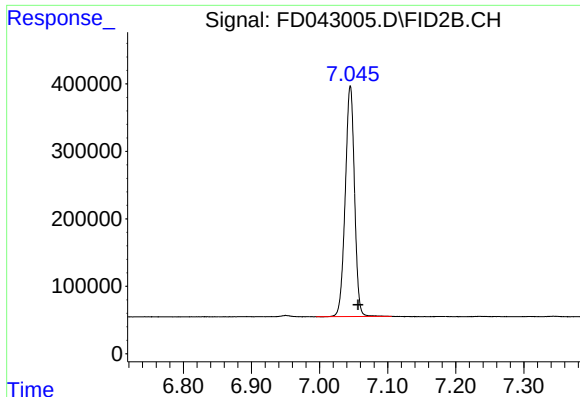
#3 A~Naphthalene (C11.7)

R.T.: 5.990 min
Delta R.T.: -0.014 min
Response: 3191406
Conc: 20.29 ug/ml



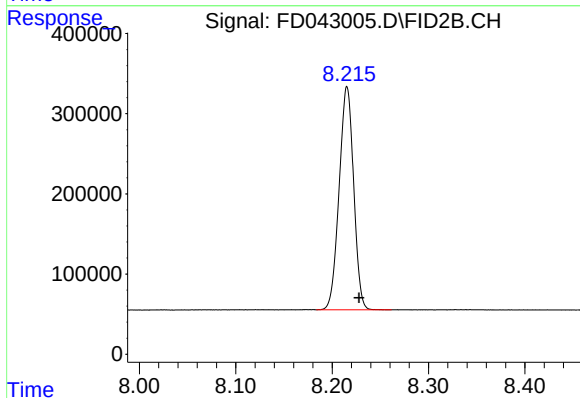
#4 n-Dodecane (C12)

R.T.: 6.422 min
Delta R.T.: -0.014 min
Response: 2875637
Conc: 20.29 ug/ml



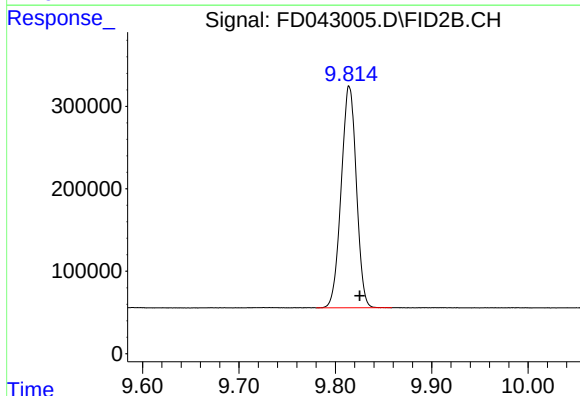
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.045 min
Delta R.T.: -0.012 min
Response: 3235488
Conc: 20.21 ug/ml



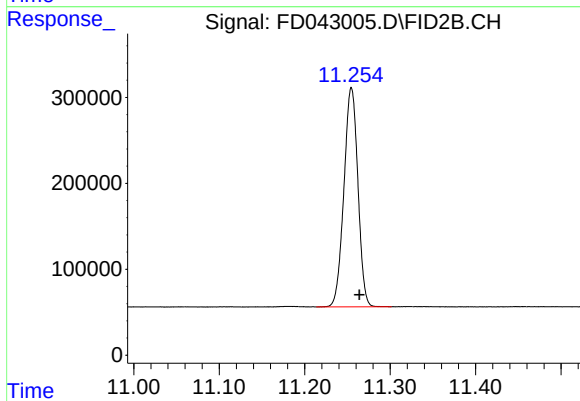
#6 n-Tetradecane (C14)

R.T.: 8.216 min
Delta R.T.: -0.012 min
Response: 2906314
Conc: 20.18 ug/ml



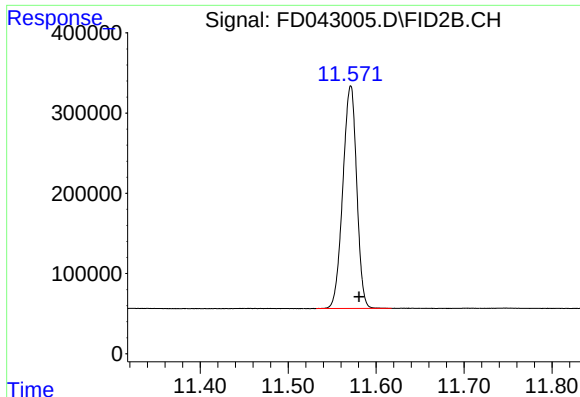
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: -0.011 min
Response: 2928844
Conc: 19.86 ug/ml



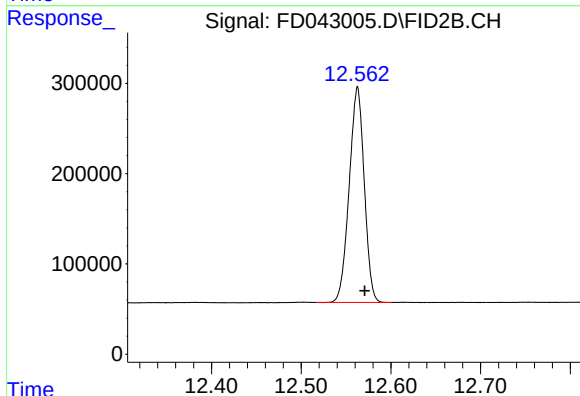
#8 n-Octadecane (C18)

R.T.: 11.255 min
Delta R.T.: -0.009 min
Response: 2900122
Conc: 19.27 ug/ml



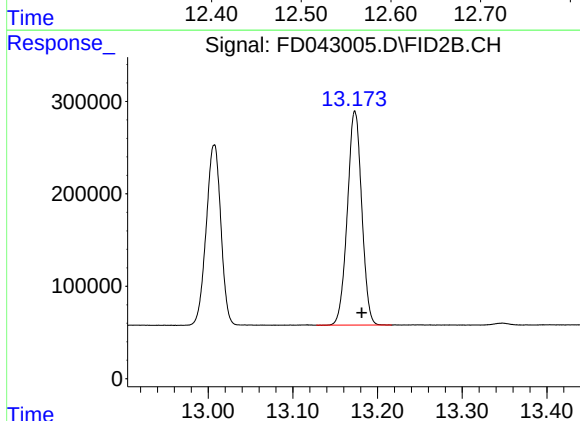
#9 ortho-Terphenyl (SURR)

R.T.: 11.571 min
Delta R.T.: -0.009 min
Response: 3045892
Conc: 18.34 ug/ml



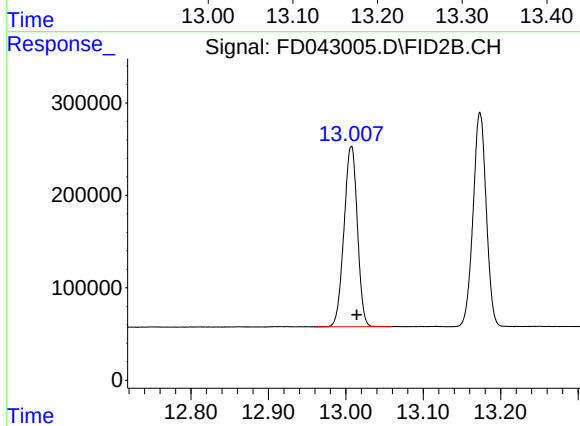
#10 n-Eicosane (C20)

R.T.: 12.563 min
Delta R.T.: -0.008 min
Response: 2782054
Conc: 18.50 ug/ml



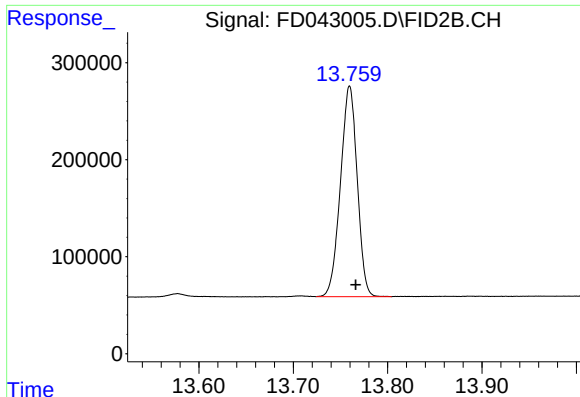
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: -0.008 min
Response: 2734777
Conc: 18.07 ug/ml



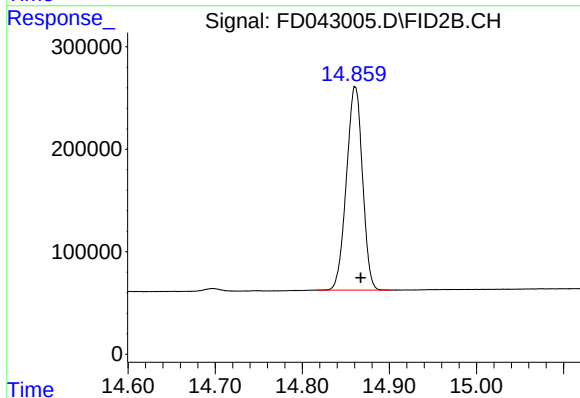
#12 1-chlorooctadecane (SURR)

R.T.: 13.007 min
Delta R.T.: -0.007 min
Response: 2345362
Conc: 17.96 ug/ml



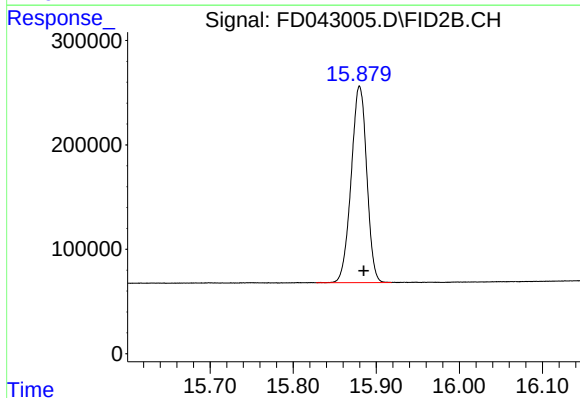
#13 n-Docosane (C22)

R.T.: 13.760 min
Delta R.T.: -0.007 min
Response: 2678152
Conc: 17.72 ug/ml



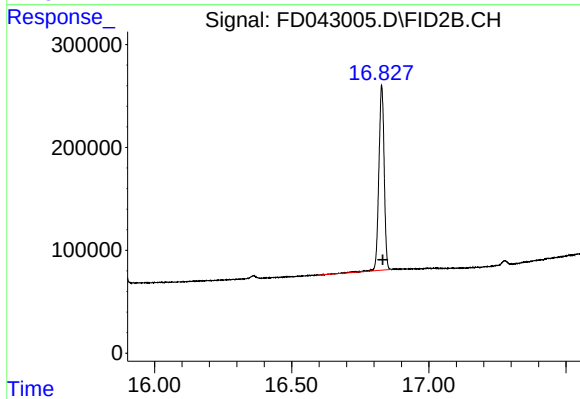
#14 n-Tetracosane (C24)

R.T.: 14.861 min
Delta R.T.: -0.006 min
Response: 2545885
Conc: 16.96 ug/ml



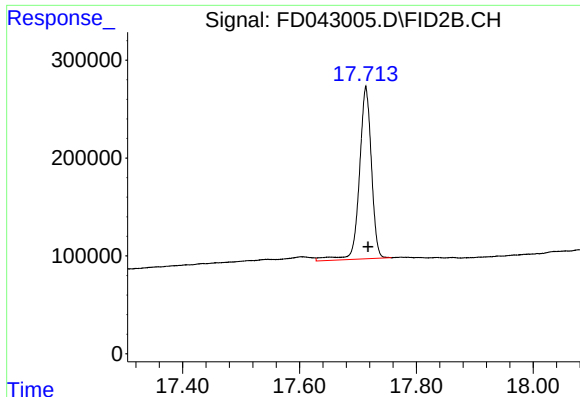
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: -0.005 min
Response: 2445790
Conc: 16.78 ug/ml



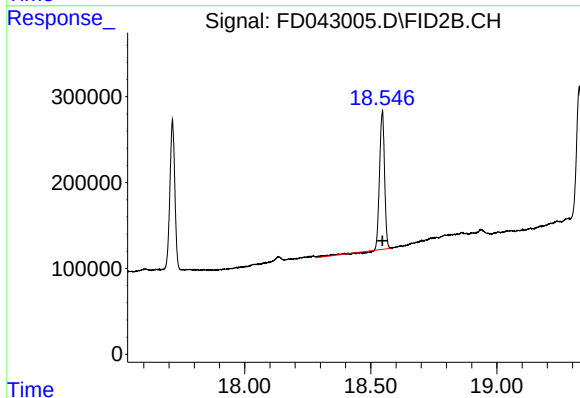
#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: -0.004 min
Response: 2418938
Conc: 17.34 ug/ml



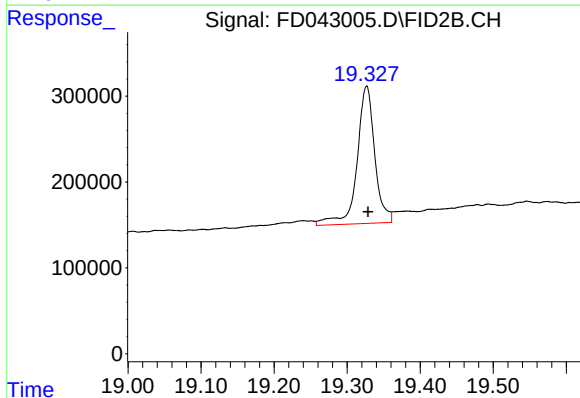
#17 n-Tricontane (C30)

R.T.: 17.714 min
Delta R.T.: -0.003 min
Response: 2515492
Conc: 19.24 ug/ml



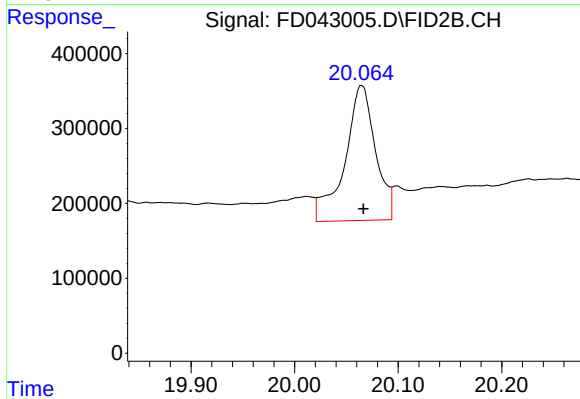
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: 0.000 min
Response: 2238569
Conc: 18.96 ug/ml



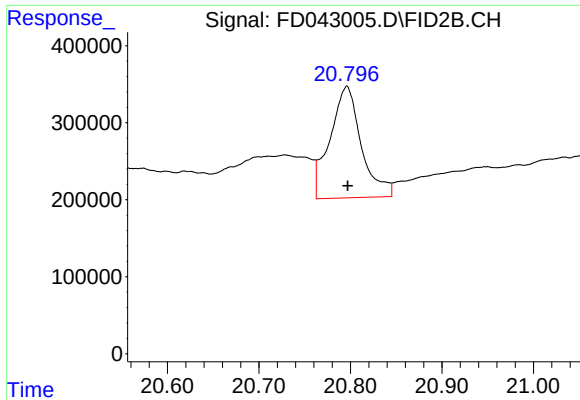
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.002 min
Response: 2703268
Conc: 25.43 ug/ml



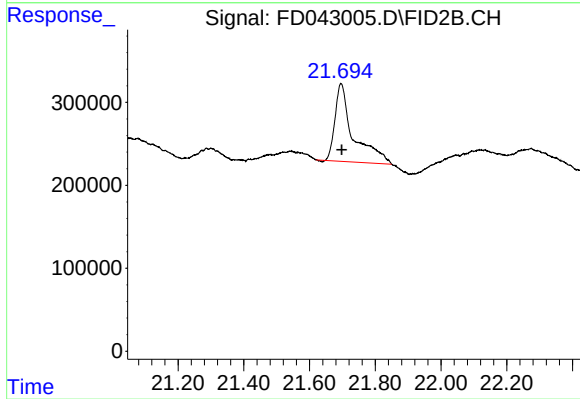
#20 n-Hexatriacontane (C36)

R.T.: 20.065 min
Delta R.T.: -0.002 min
Response: 3719532
Conc: 38.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.796 min
Delta R.T.: 0.000 min
Response: 3450856
Conc: 37.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.695 min
Delta R.T.: -0.003 min
Response: 3604482
Conc: 44.48 ug/ml