

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042922AL\
 Data File : FDCCC01.D
 Signal(s) : FID2B.CH
 Acq On : 30 Apr 2022 4:32
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 30 05:53:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 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)	11.208	3261032	19.445 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
12) S 1-chlorooctadecane (S...	12.647	2496238	18.917 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
Target Compounds			
1) T n-Nonane (C9)	3.077	2957512	21.698 ug/ml
2) T n-Decane (C10)	4.122	2974385	22.195 ug/ml
3) T A~Naphthalene (C11.7)	5.672	3142363	21.678 ug/ml
4) T n-Dodecane (C12)	6.117	3053612	21.449 ug/ml
5) T A~2-methylnaphthalene...	6.718	3146586	22.580 ug/ml
6) T n-Tetradecane (C14)	7.894	3045688	21.381 ug/ml
7) T n-Hexadecane (C16)	9.481	3036376	20.895 ug/ml
8) T n-Octadecane (C18)	10.911	3019102	20.144 ug/ml
10) T n-Eicosane (C20)	12.210	2925870	19.115 ug/ml
11) T n-Heneicosane (C21)	12.818	2898837	18.803 ug/ml
13) T n-Docosane (C22)	13.400	2872983	18.638 ug/ml
14) T n-Tetracosane (C24)	14.497	2811753	18.181 ug/ml
15) T n-Hexacosane (C26)	15.510	2721695	17.694 ug/ml
16) T n-Octacosane (C28)	16.454	2728274	17.845 ug/ml
17) T n-Tricontane (C30)	17.337	2765360	18.436 ug/ml
18) T n-Dotriacontane (C32)	18.164	2678848	18.945 ug/ml
19) T n-Tetratriacontane (C34)	18.944	2431755	18.896 ug/ml
20) T n-Hexatriacontane (C36)	19.679	2171544	19.190 ug/ml
21) T n-Octatriacontane (C38)	20.377	1958656	19.630 ug/ml
22) T n-Tetracontane (C40)	21.149	1928308	21.378 ug/ml

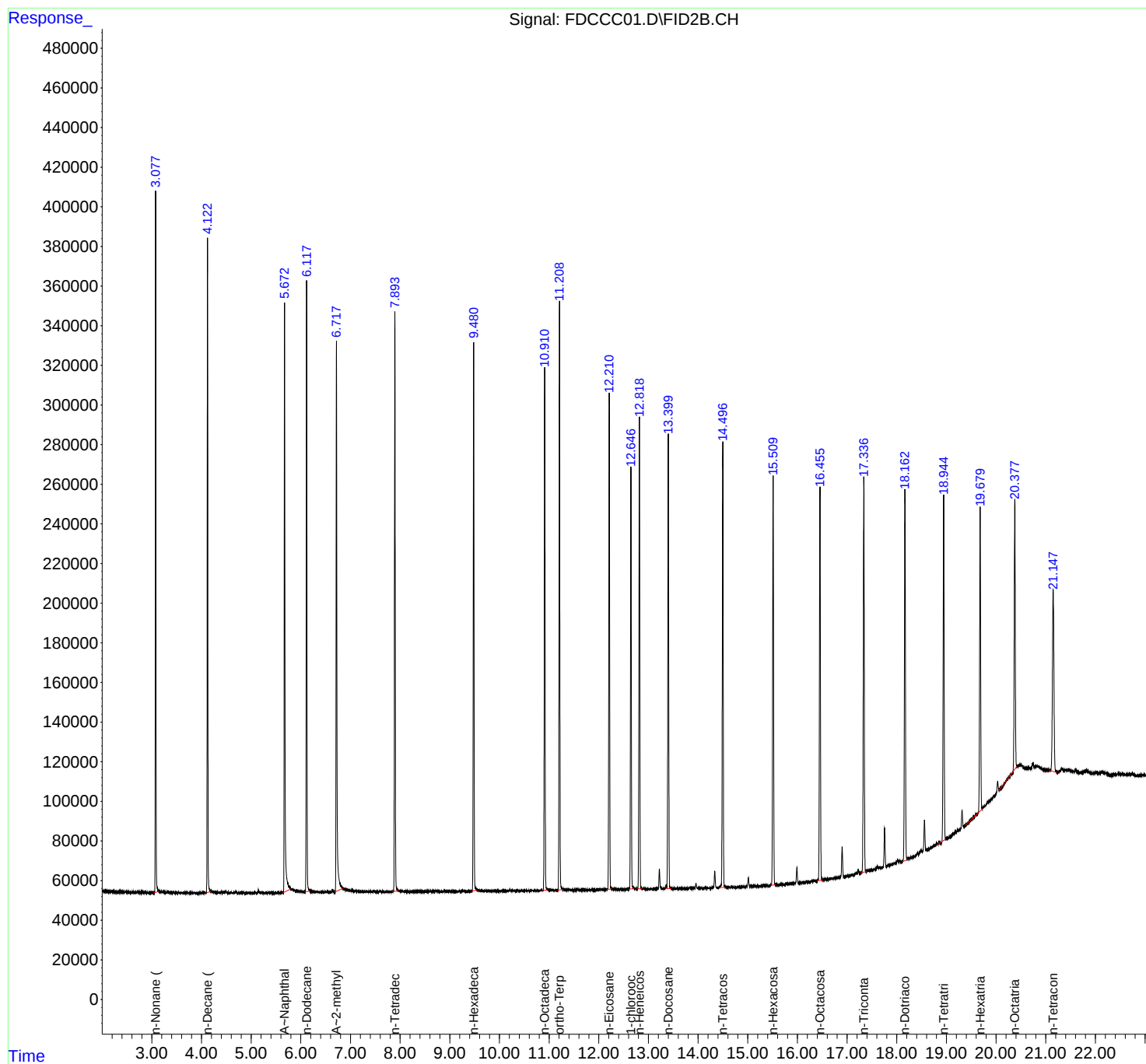
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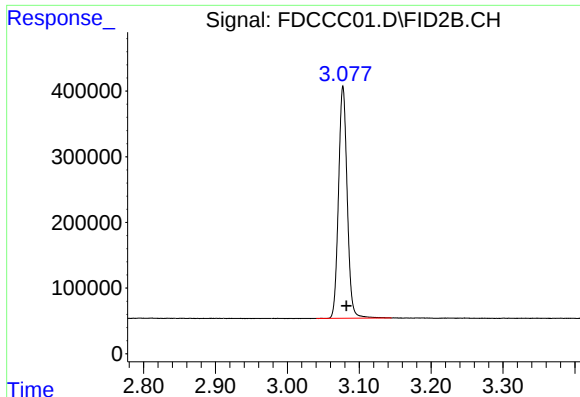
(m)=manual int.

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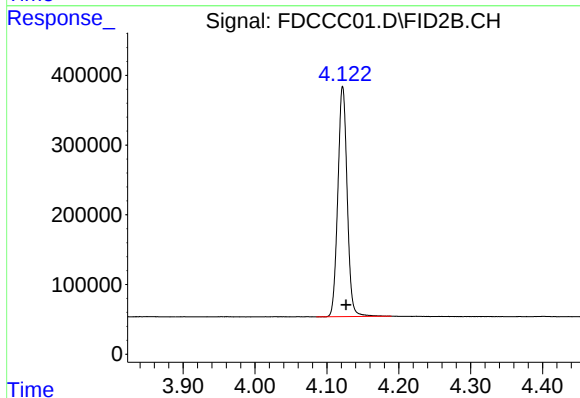
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





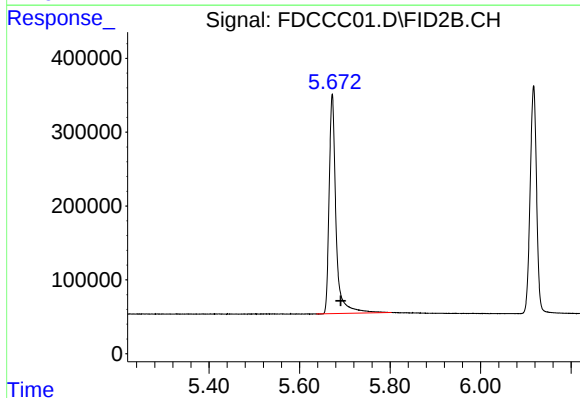
#1 n-Nonane (C9)

R.T.: 3.077 min
Delta R.T.: -0.005 min
Response: 2957512
Conc: 21.70 ug/ml



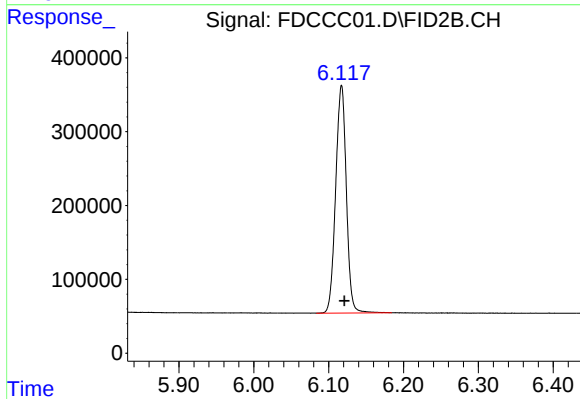
#2 n-Decane (C10)

R.T.: 4.122 min
Delta R.T.: -0.004 min
Response: 2974385
Conc: 22.19 ug/ml



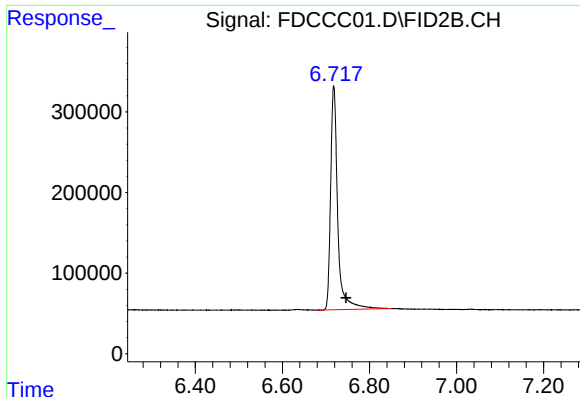
#3 A~Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.019 min
Response: 3142363
Conc: 21.68 ug/ml



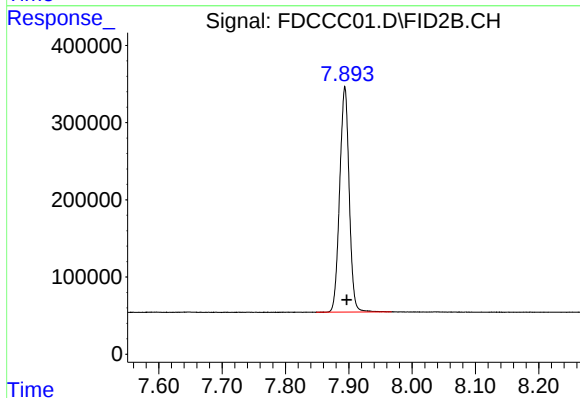
#4 n-Dodecane (C12)

R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 3053612
Conc: 21.45 ug/ml



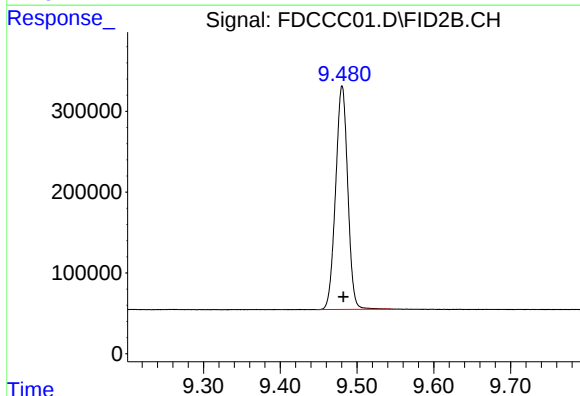
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.028 min
Response: 3146586
Conc: 22.58 ug/ml



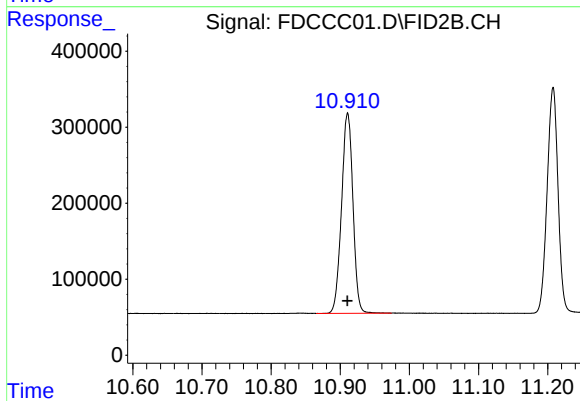
#6 n-Tetradecane (C14)

R.T.: 7.894 min
Delta R.T.: -0.003 min
Response: 3045688
Conc: 21.38 ug/ml



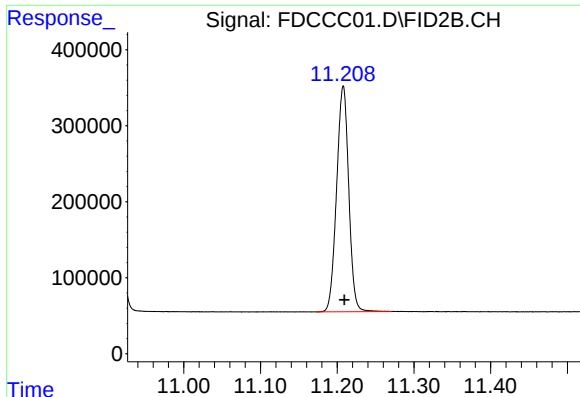
#7 n-Hexadecane (C16)

R.T.: 9.481 min
Delta R.T.: -0.002 min
Response: 3036376
Conc: 20.89 ug/ml



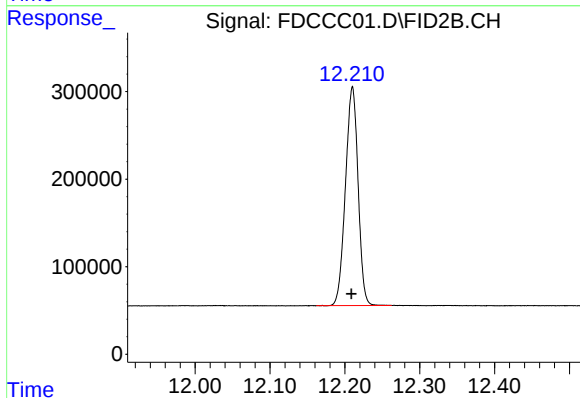
#8 n-Octadecane (C18)

R.T.: 10.911 min
Delta R.T.: 0.000 min
Response: 3019102
Conc: 20.14 ug/ml



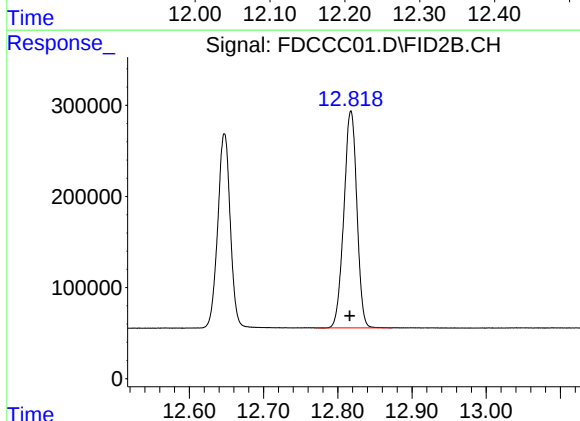
#9 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: -0.001 min
Response: 3261032
Conc: 19.44 ug/ml



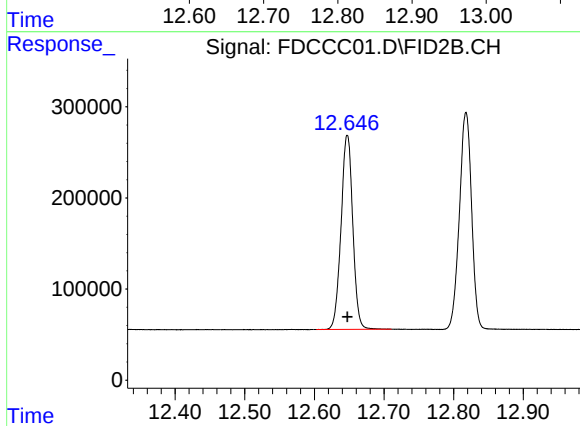
#10 n-Eicosane (C20)

R.T.: 12.210 min
Delta R.T.: 0.002 min
Response: 2925870
Conc: 19.12 ug/ml



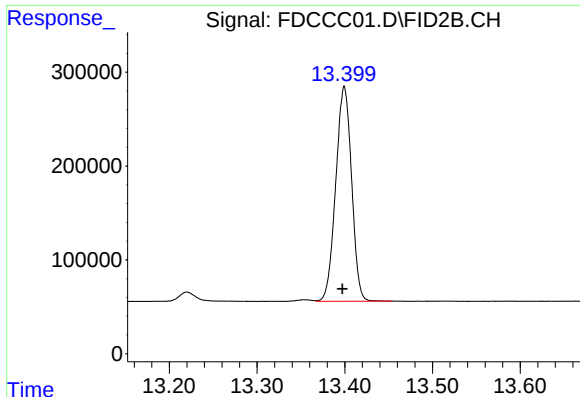
#11 n-Heneicosane (C21)

R.T.: 12.818 min
Delta R.T.: 0.002 min
Response: 2898837
Conc: 18.80 ug/ml



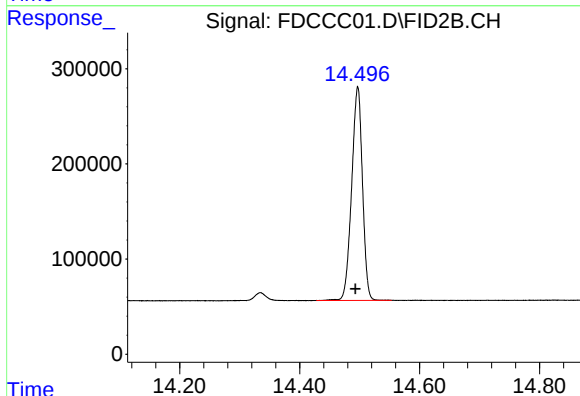
#12 1-chlorooctadecane (SURR)

R.T.: 12.647 min
Delta R.T.: 0.000 min
Response: 2496238
Conc: 18.92 ug/ml



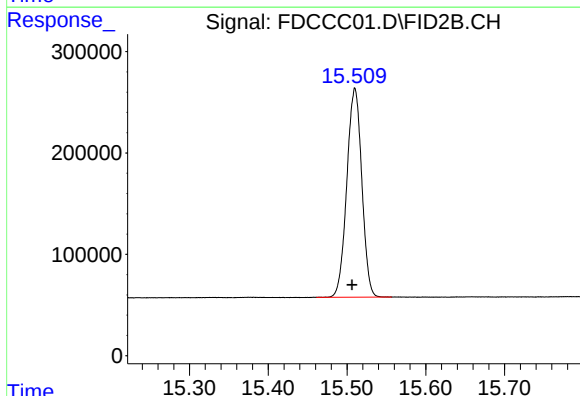
#13 n-Docosane (C22)

R.T.: 13.400 min
Delta R.T.: 0.002 min
Response: 2872983
Conc: 18.64 ug/ml



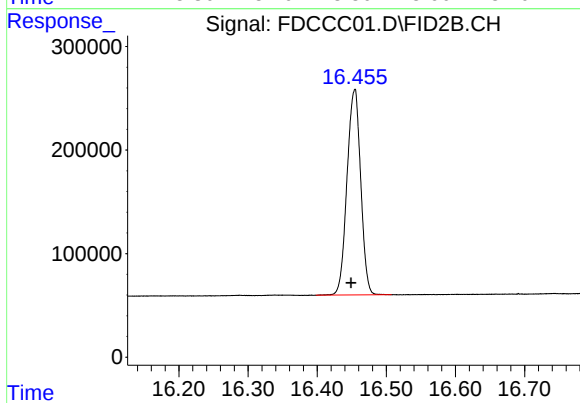
#14 n-Tetracosane (C24)

R.T.: 14.497 min
Delta R.T.: 0.004 min
Response: 2811753
Conc: 18.18 ug/ml



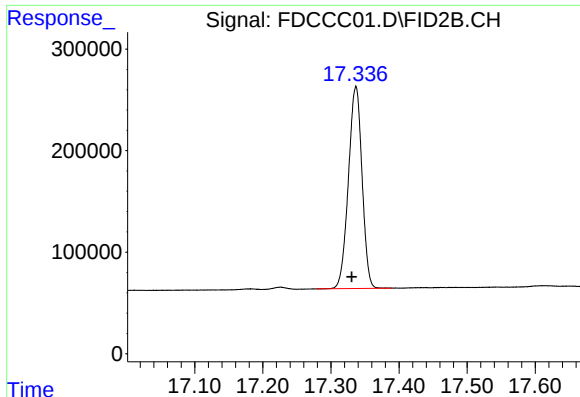
#15 n-Hexacosane (C26)

R.T.: 15.510 min
Delta R.T.: 0.004 min
Response: 2721695
Conc: 17.69 ug/ml



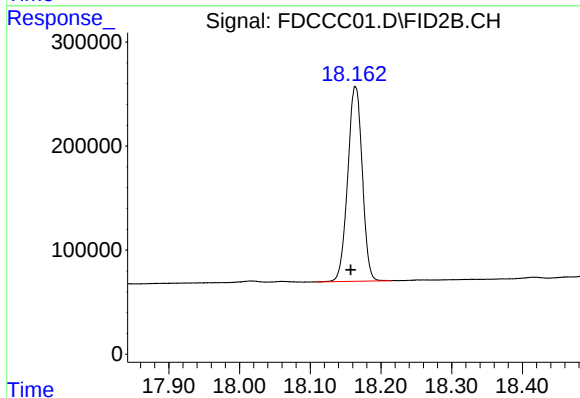
#16 n-Octacosane (C28)

R.T.: 16.454 min
Delta R.T.: 0.006 min
Response: 2728274
Conc: 17.84 ug/ml



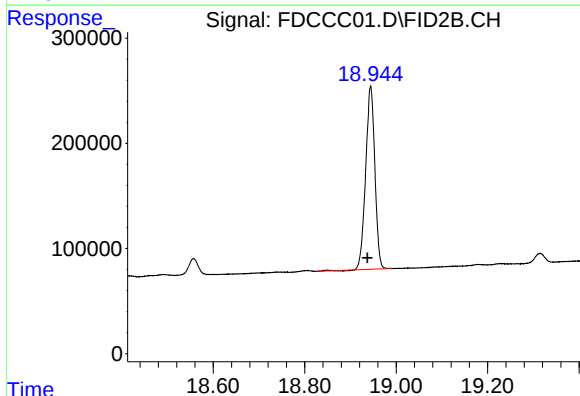
#17 n-Tricontane (C30)

R.T.: 17.337 min
Delta R.T.: 0.006 min
Response: 2765360
Conc: 18.44 ug/ml



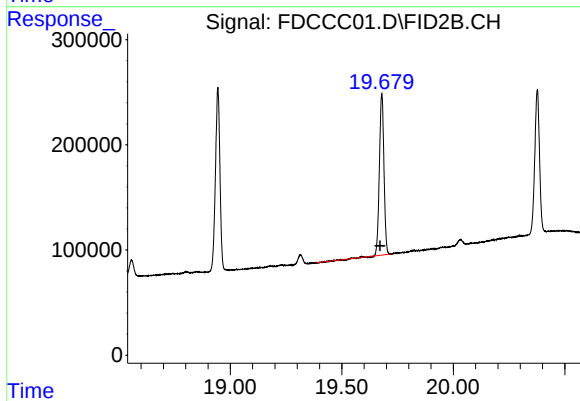
#18 n-Dotriacontane (C32)

R.T.: 18.164 min
Delta R.T.: 0.007 min
Response: 2678848
Conc: 18.95 ug/ml



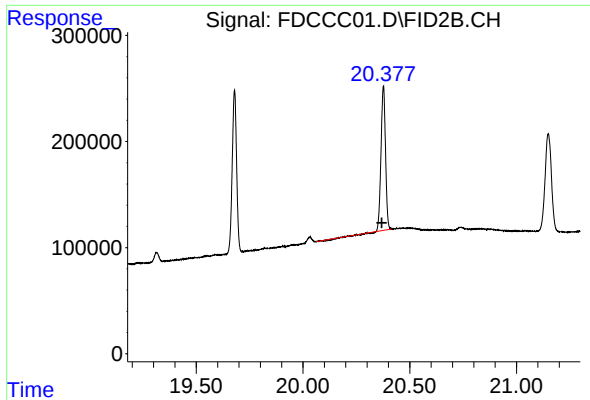
#19 n-Tetratriacontane (C34)

R.T.: 18.944 min
Delta R.T.: 0.007 min
Response: 2431755
Conc: 18.90 ug/ml



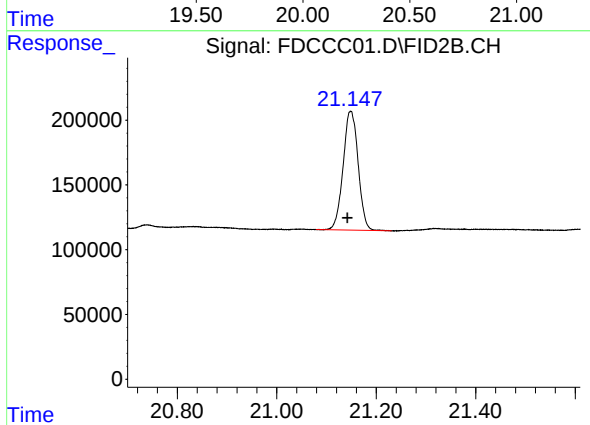
#20 n-Hexatriacontane (C36)

R.T.: 19.679 min
Delta R.T.: 0.007 min
Response: 2171544
Conc: 19.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.377 min
Delta R.T.: 0.008 min
Response: 1958656
Conc: 19.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.149 min
Delta R.T.: 0.006 min
Response: 1928308
Conc: 21.38 ug/ml