

Data Path : P:\HPCHEM1\FID_D\Data\FD041218AL\
 Data File : FD022964.D
 Signal(s) : FID2B.CH
 Acq On : 12 Apr 2018 9:34
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 13 04:18:39 2018
 Quant Title :
 QLast Update : Mon Mar 19 11:51:27 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)	11.185	1732760	16.879 ug/ml
Spiked Amount 50.000		Recovery =	33.76%
12) S 1-chlorooctadecane (S...	12.627	1409497	17.832 ug/ml
Spiked Amount 50.000		Recovery =	35.66%
Target Compounds			
1) T n-Nonane (C9)	3.027	1347511	15.322 ug/ml
2) T n-Decane (C10)	4.079	1393976	15.715 ug/ml
3) T A~Naphthalene (C11.7)	5.645	1548915	16.390 ug/ml
4) T n-Dodecane (C12)	6.082	1487204	16.163 ug/ml
5) T A~2-methylnaphthalene...	6.694	1590180	16.455 ug/ml
6) T n-Tetradecane (C14)	7.864	1535878	16.235 ug/ml
7) T n-Hexadecane (C16)	9.454	1547787	16.232 ug/ml
8) T n-Octadecane (C18)	10.886	1532902	16.266 ug/ml
10) T n-Eicosane (C20)	12.188	1574850	16.371 ug/ml
11) T n-Heneicosane (C21)	12.797	1574678	16.347 ug/ml
13) T n-Docosane (C22)	13.380	1605704	16.553 ug/ml
14) T n-Tetracosane (C24)	14.476	1648111	16.935 ug/ml
15) T n-Hexacosane (C26)	15.491	1668324	17.036 ug/ml
16) T n-Octacosane (C28)	16.437	1715002	17.239 ug/ml
17) T n-Tricontane (C30)	17.319	1681231	17.396 ug/ml
18) T n-Dotriacontane (C32)	18.148	1698767	18.092 ug/mlm
19) T n-Tetratriacontane (C34)	18.927	1684676	18.725 ug/mlm
20) T n-Hexatriacontane (C36)	19.663	1585163	18.564 ug/mlm
21) T n-Octatriacontane (C38)	20.360	1647524	19.886 ug/mlm
22) T n-Tetracontane (C40)	21.123	1133902	14.559 ug/mlm

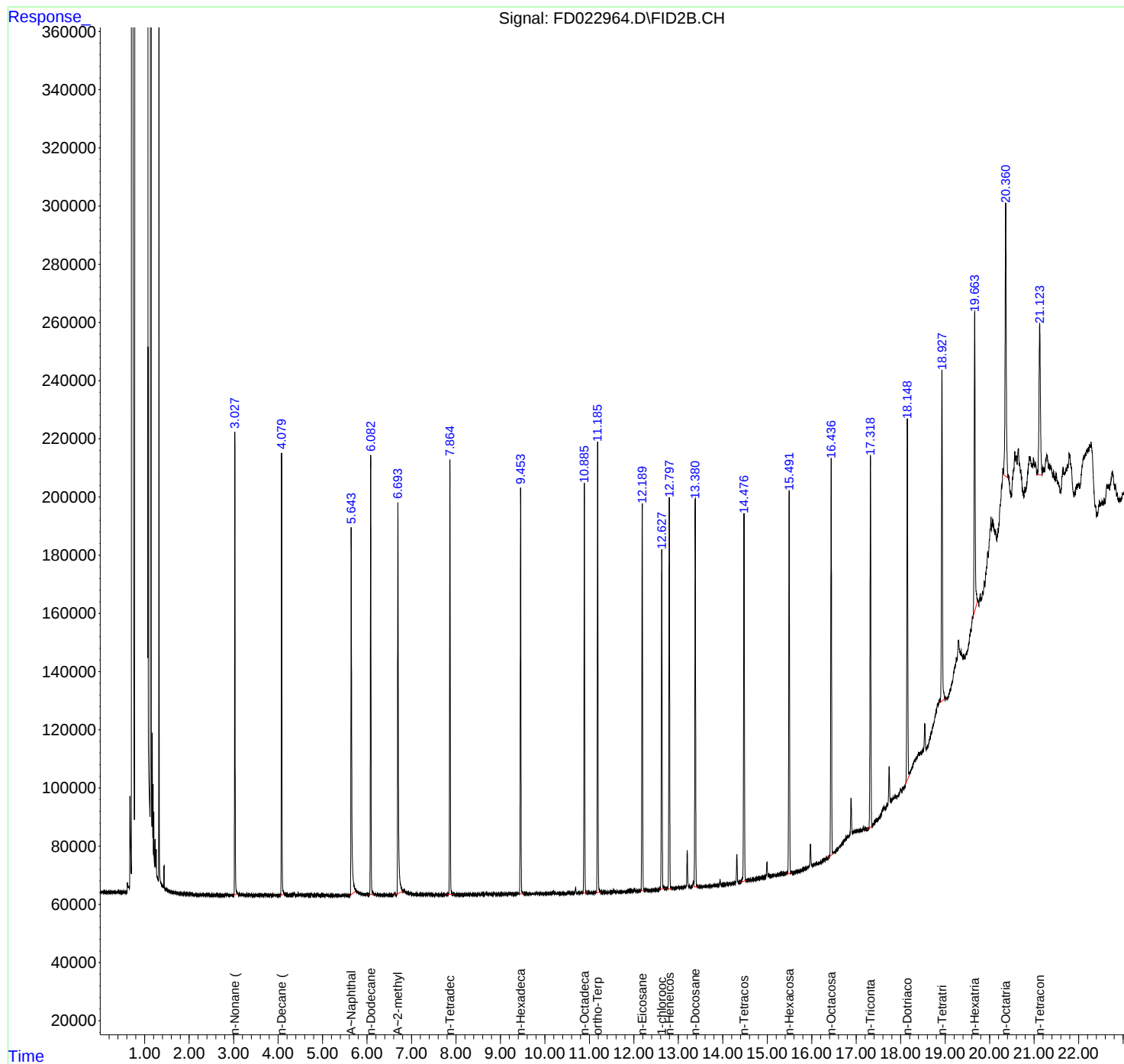
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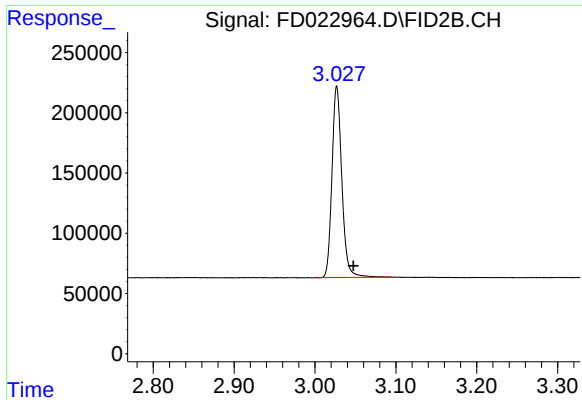
(m)=manual int.

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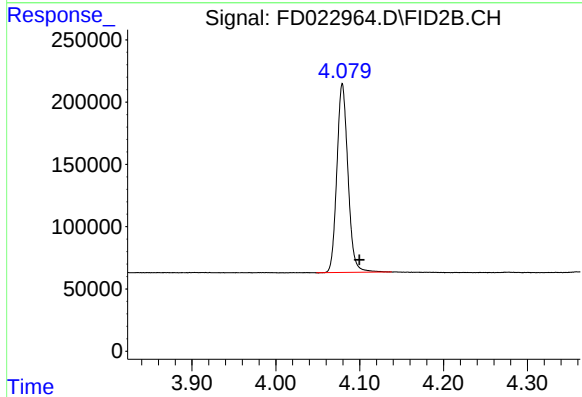
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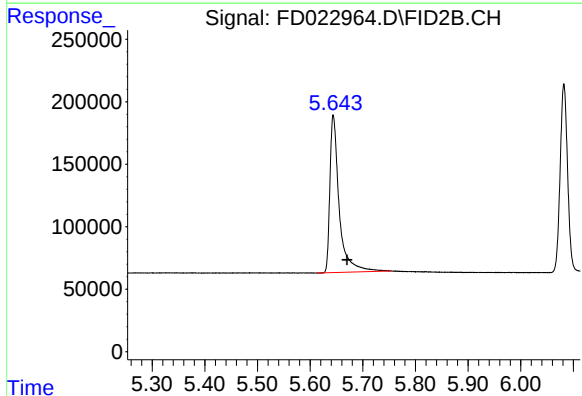
#1 n-Nonane (C9)

R.T.: 3.027 min
Delta R.T.: -0.020 min
Response: 1347511
Conc: 15.32 ug/ml



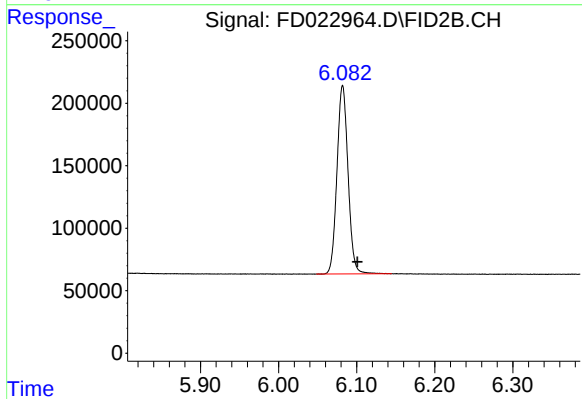
#2 n-Decane (C10)

R.T.: 4.079 min
Delta R.T.: -0.020 min
Response: 1393976
Conc: 15.71 ug/ml



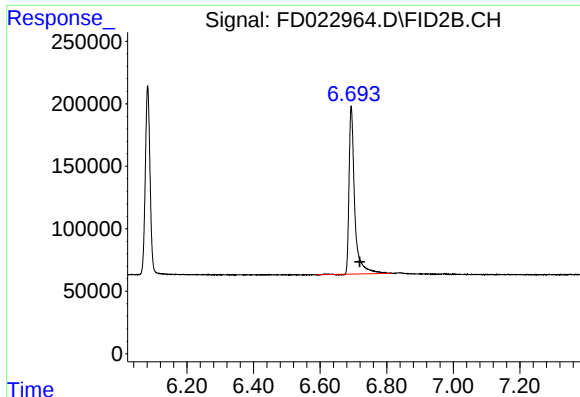
#3 A~Naphthalene (C11.7)

R.T.: 5.645 min
Delta R.T.: -0.025 min
Response: 1548915
Conc: 16.39 ug/ml



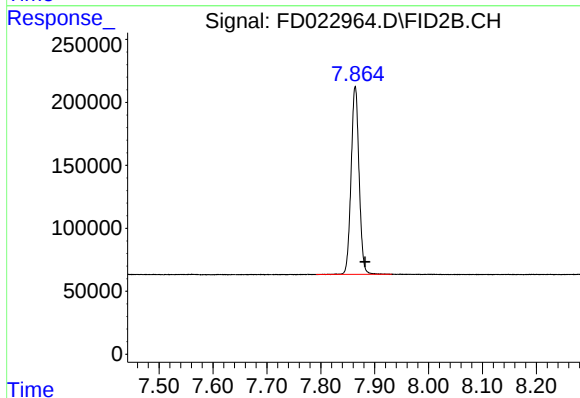
#4 n-Dodecane (C12)

R.T.: 6.082 min
Delta R.T.: -0.019 min
Response: 1487204
Conc: 16.16 ug/ml



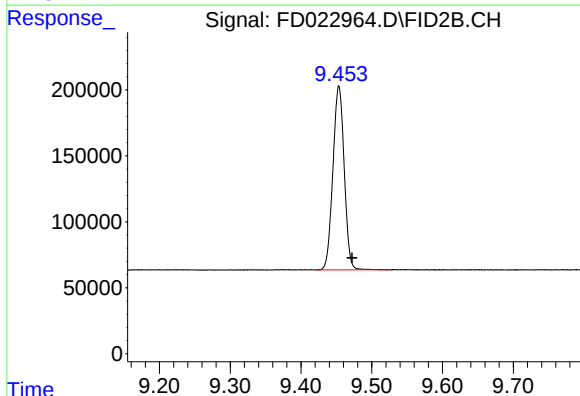
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.694 min
Delta R.T.: -0.025 min
Response: 1590180
Conc: 16.45 ug/ml



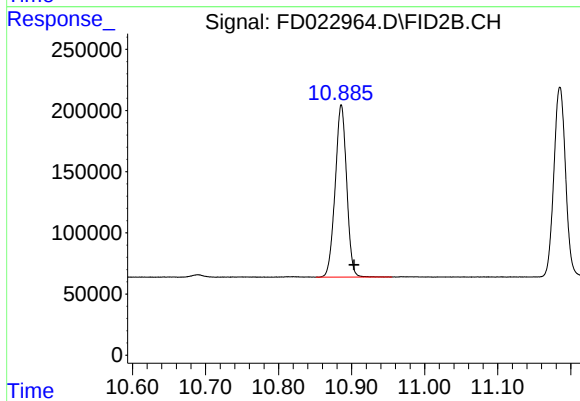
#6 n-Tetradecane (C14)

R.T.: 7.864 min
Delta R.T.: -0.018 min
Response: 1535878
Conc: 16.23 ug/ml



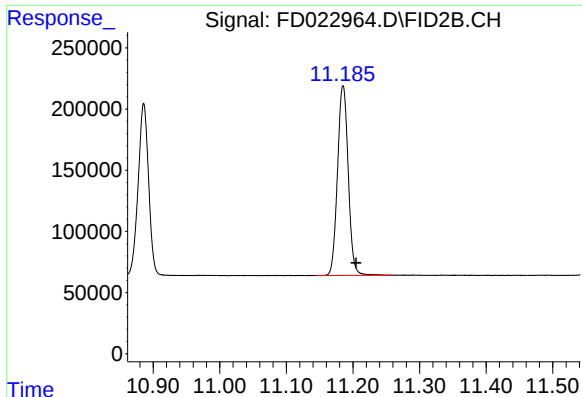
#7 n-Hexadecane (C16)

R.T.: 9.454 min
Delta R.T.: -0.019 min
Response: 1547787
Conc: 16.23 ug/ml



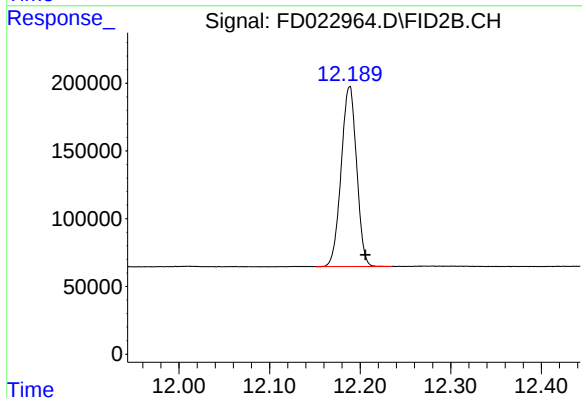
#8 n-Octadecane (C18)

R.T.: 10.886 min
Delta R.T.: -0.018 min
Response: 1532902
Conc: 16.27 ug/ml



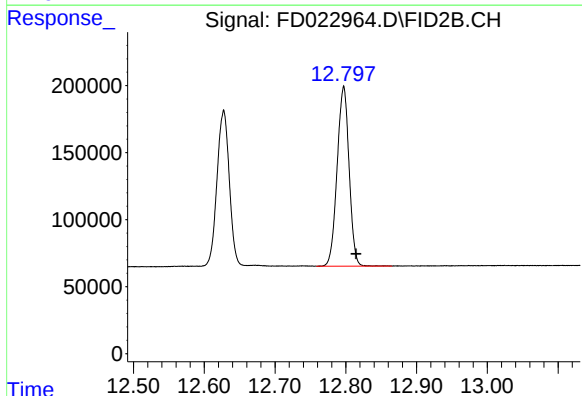
#9 ortho-Terphenyl (SURR)

R.T.: 11.185 min
Delta R.T.: -0.020 min
Response: 1732760
Conc: 16.88 ug/ml



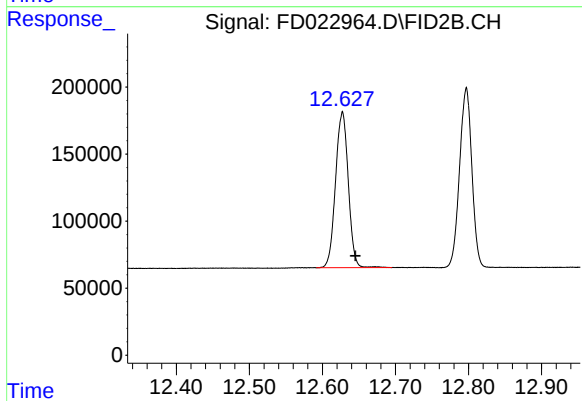
#10 n-Eicosane (C20)

R.T.: 12.188 min
Delta R.T.: -0.018 min
Response: 1574850
Conc: 16.37 ug/ml



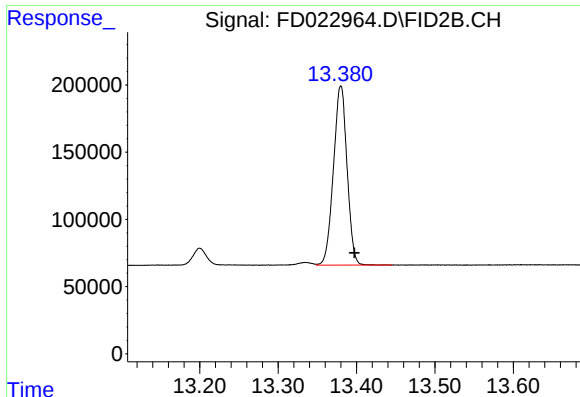
#11 n-Heneicosane (C21)

R.T.: 12.797 min
Delta R.T.: -0.018 min
Response: 1574678
Conc: 16.35 ug/ml



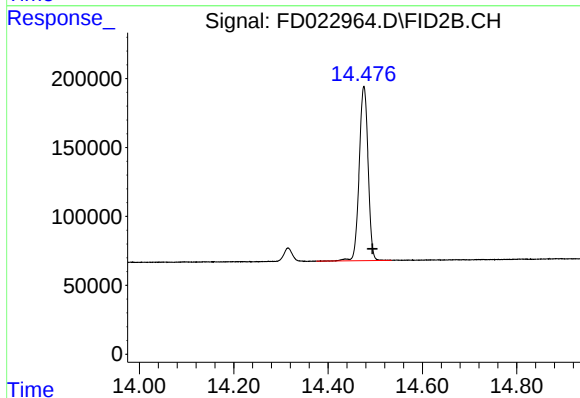
#12 1-chlorooctadecane (SURR)

R.T.: 12.627 min
Delta R.T.: -0.018 min
Response: 1409497
Conc: 17.83 ug/ml



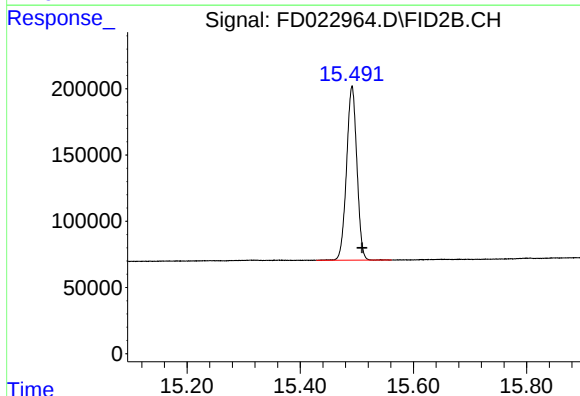
#13 n-Docosane (C22)

R.T.: 13.380 min
Delta R.T.: -0.018 min
Response: 1605704
Conc: 16.55 ug/ml



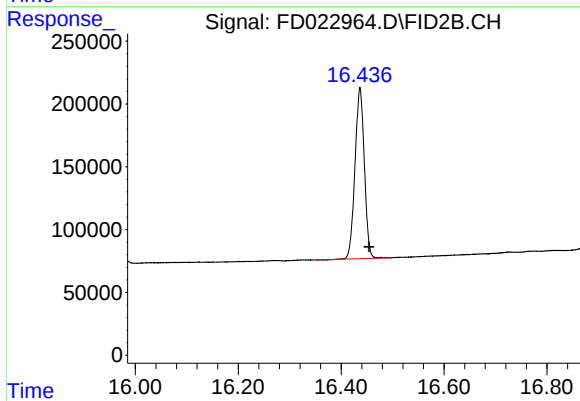
#14 n-Tetracosane (C24)

R.T.: 14.476 min
Delta R.T.: -0.018 min
Response: 1648111
Conc: 16.93 ug/ml



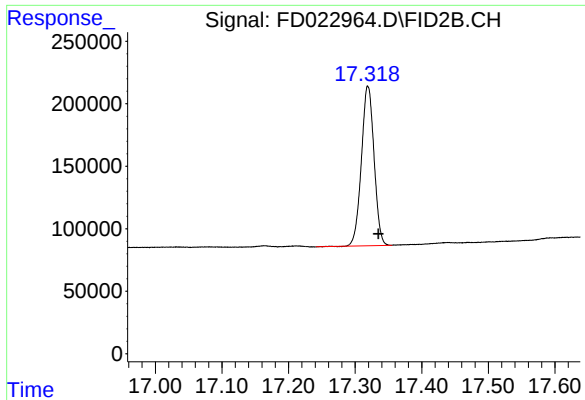
#15 n-Hexacosane (C26)

R.T.: 15.491 min
Delta R.T.: -0.018 min
Response: 1668324
Conc: 17.04 ug/ml



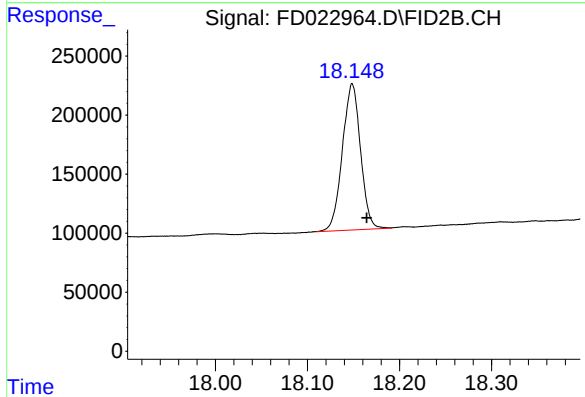
#16 n-Octacosane (C28)

R.T.: 16.437 min
Delta R.T.: -0.017 min
Response: 1715002
Conc: 17.24 ug/ml



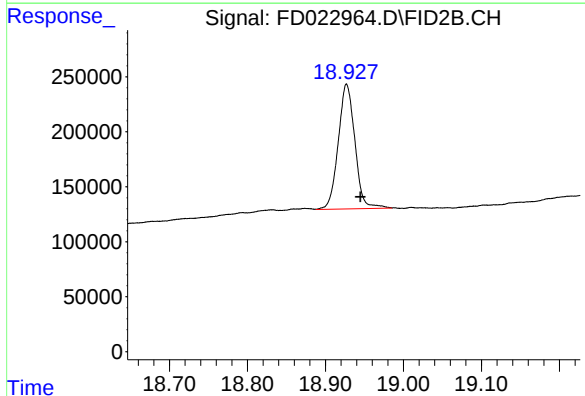
#17 n-Tricontane (C30)

R.T.: 17.319 min
Delta R.T.: -0.016 min
Response: 1681231
Conc: 17.40 ug/ml



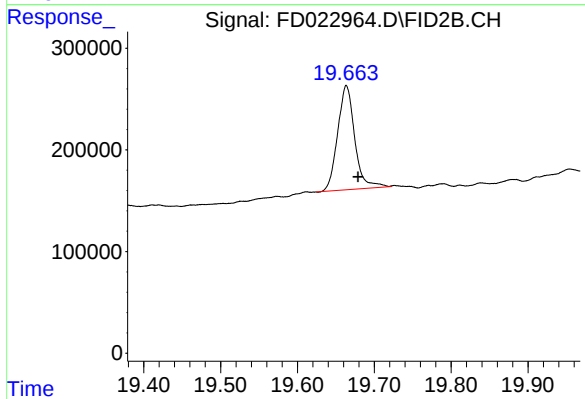
#18 n-Dotriacontane (C32)

R.T.: 18.148 min
Delta R.T.: -0.016 min
Response: 1698767
Conc: 18.09 ug/ml m



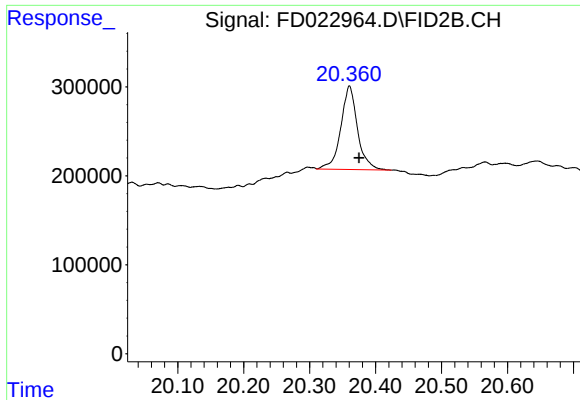
#19 n-Tetratriacontane (C34)

R.T.: 18.927 min
Delta R.T.: -0.018 min
Response: 1684676
Conc: 18.72 ug/ml m



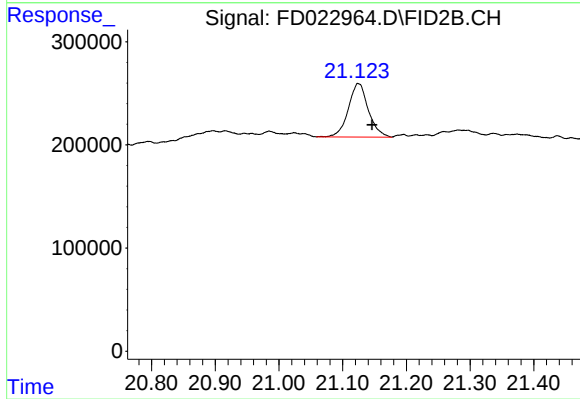
#20 n-Hexatriacontane (C36)

R.T.: 19.663 min
Delta R.T.: -0.016 min
Response: 1585163
Conc: 18.56 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.360 min
Delta R.T.: -0.015 min
Response: 1647524
Conc: 19.89 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.123 min
Delta R.T.: -0.023 min
Response: 1133902
Conc: 14.56 ug/ml m