

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112520AL\
 Data File : FD035673.D
 Signal(s) : FID2B.CH
 Acq On : 25 Nov 2020 10:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 26 01:51:06 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 11:48:08 2020
 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)	11.529	2270913	17.457 ug/ml
Spiked Amount 50.000		Recovery =	34.91%
12) S 1-chlorooctadecane (S...	12.961	1770995	16.993 ug/ml
Spiked Amount 50.000		Recovery =	33.99%
Target Compounds			
1) T n-Nonane (C9)	3.313	2058270	18.279 ug/ml
2) T n-Decane (C10)	4.379	2073332	18.347 ug/ml
3) T A~Naphthalene (C11.7)	5.964	2271007	18.570 ug/ml
4) T n-Dodecane (C12)	6.391	2120954	18.345 ug/ml
5) T A~2-methylnaphthalene...	7.017	2310201	18.463 ug/ml
6) T n-Tetradecane (C14)	8.180	2128774	18.485 ug/ml
7) T n-Hexadecane (C16)	9.776	2108941	18.457 ug/ml
8) T n-Octadecane (C18)	11.212	2189104	18.140 ug/ml
10) T n-Eicosane (C20)	12.517	2177620	17.758 ug/ml
11) T n-Heneicosane (C21)	13.128	2151460	17.499 ug/ml
13) T n-Docosane (C22)	13.712	2153416	17.464 ug/ml
14) T n-Tetracosane (C24)	14.810	2093909	16.925 ug/ml
15) T n-Hexacosane (C26)	15.827	2048393	16.642 ug/ml
16) T n-Octacosane (C28)	16.772	2032797	16.511 ug/ml
17) T n-Tricontane (C30)	17.655	2008301	16.617 ug/ml
18) T n-Dotriacontane (C32)	18.484	1902931	16.924 ug/ml
19) T n-Tetratriacontane (C34)	19.264	1807596	17.222 ug/ml
20) T n-Hexatriacontane (C36)	20.000	1755832	18.329 ug/mlm
21) T n-Octatriacontane (C38)	20.721	1651497	18.593 ug/ml
22) T n-Tetracontane (C40)	21.602	1644805	18.741 ug/ml

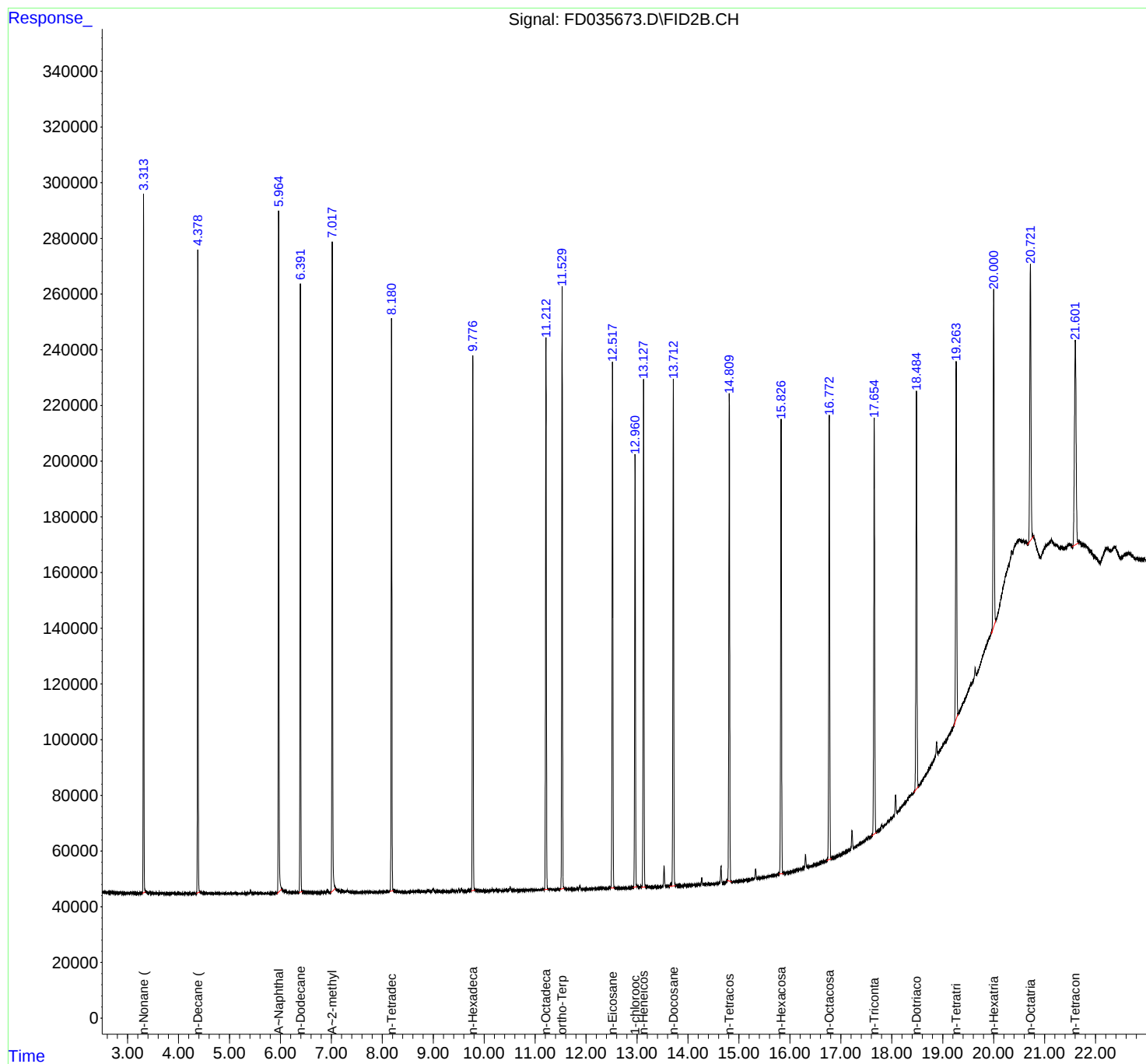
(f)=RT Delta > 1/2 Window

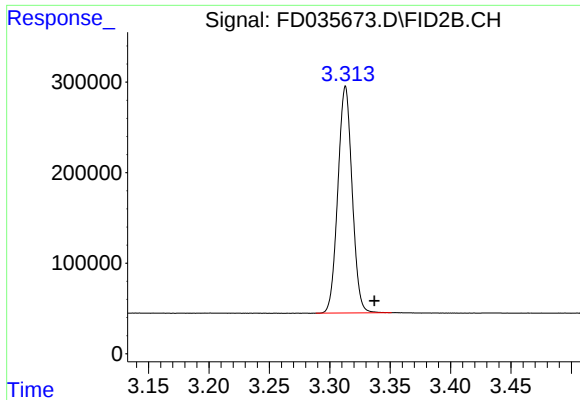
(m)=manual int.

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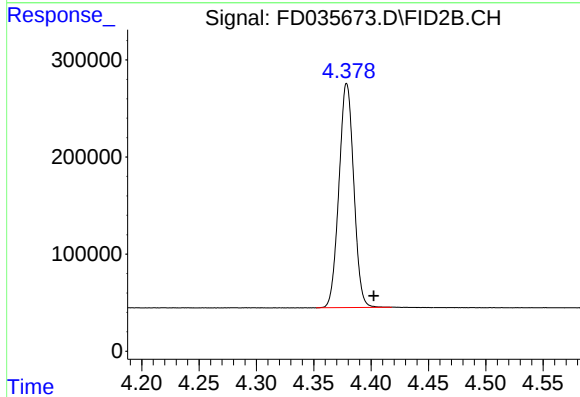
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





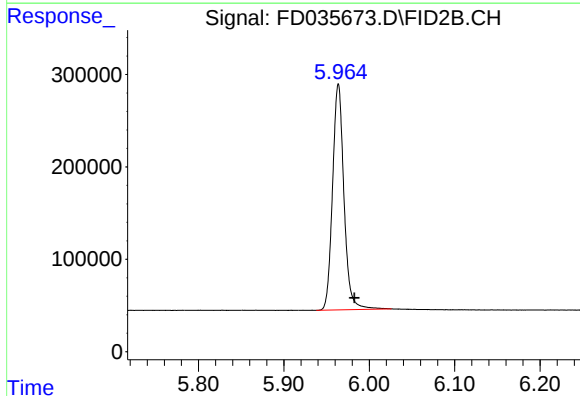
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: -0.024 min
Response: 2058270
Conc: 18.28 ug/ml



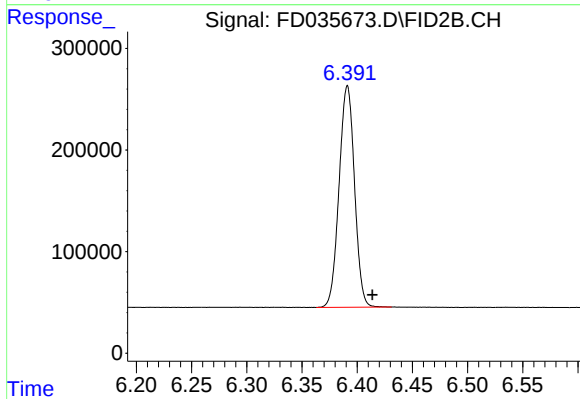
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.024 min
Response: 2073332
Conc: 18.35 ug/ml



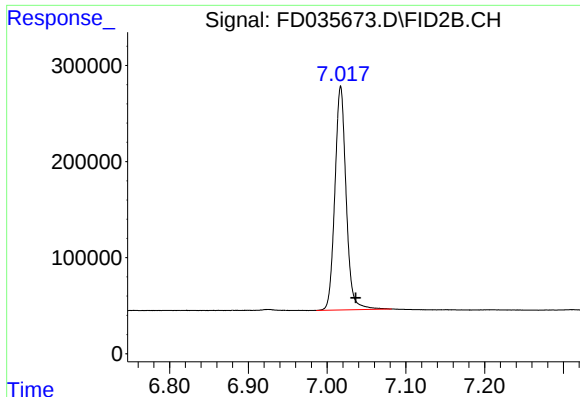
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.019 min
Response: 2271007
Conc: 18.57 ug/ml



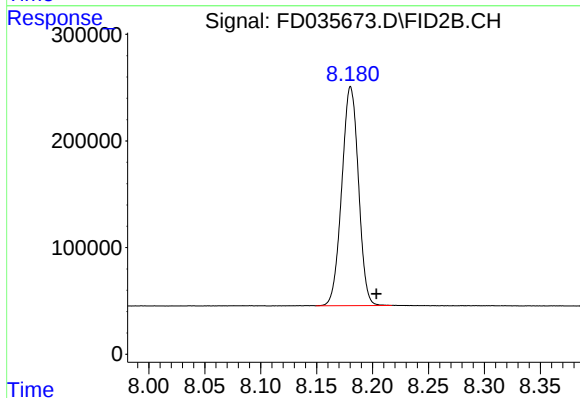
#4 n-Dodecane (C12)

R.T.: 6.391 min
Delta R.T.: -0.023 min
Response: 2120954
Conc: 18.34 ug/ml



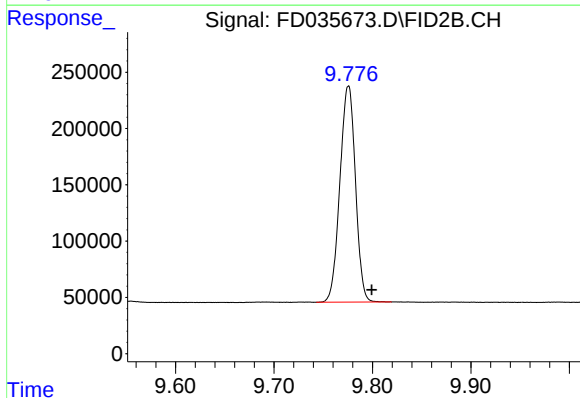
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.019 min
Response: 2310201
Conc: 18.46 ug/ml



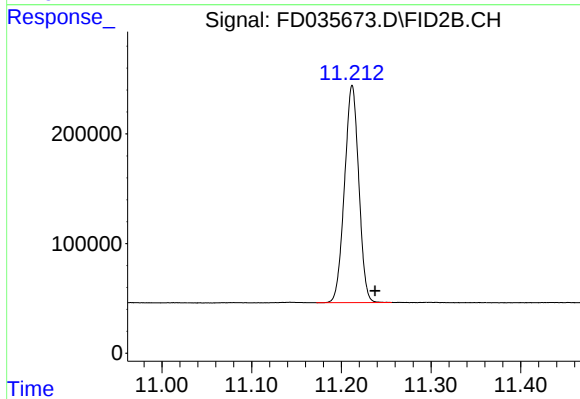
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: -0.023 min
Response: 2128774
Conc: 18.49 ug/ml



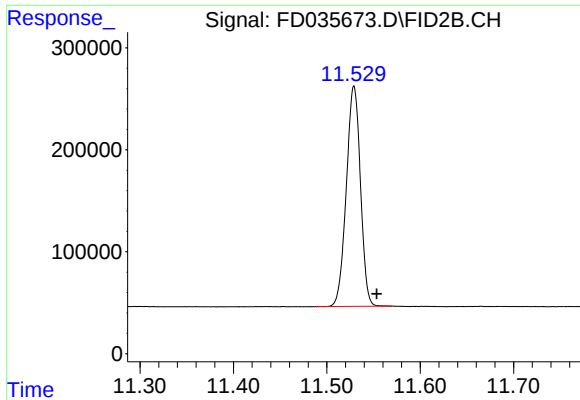
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.023 min
Response: 2108941
Conc: 18.46 ug/ml



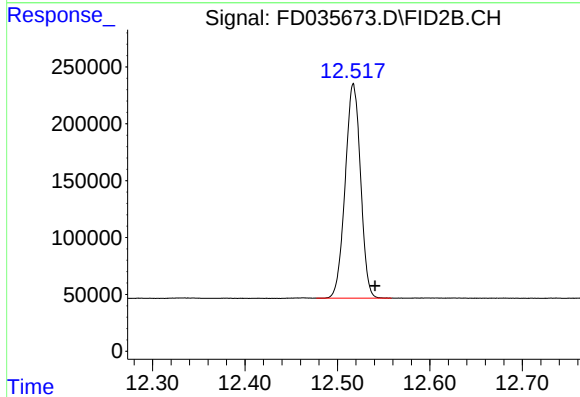
#8 n-Octadecane (C18)

R.T.: 11.212 min
Delta R.T.: -0.025 min
Response: 2189104
Conc: 18.14 ug/ml



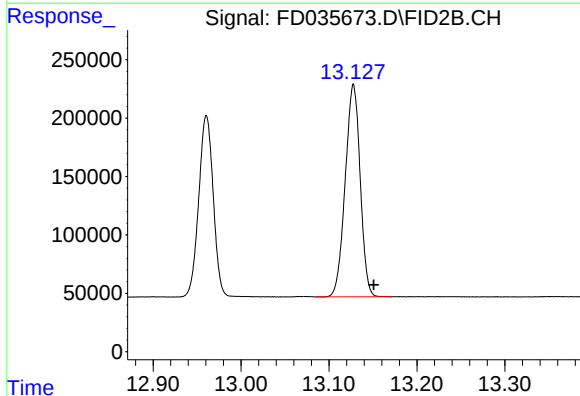
#9 ortho-Terphenyl (SURR)

R.T.: 11.529 min
Delta R.T.: -0.024 min
Response: 2270913
Conc: 17.46 ug/ml



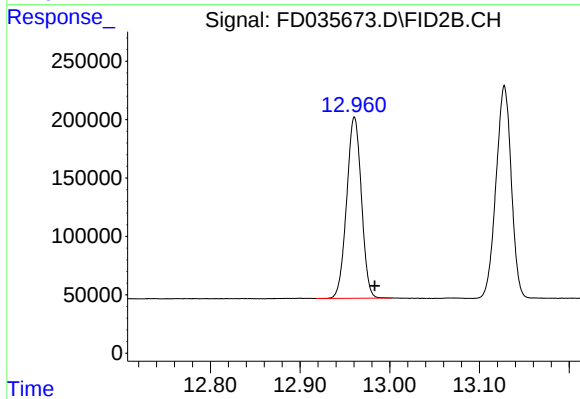
#10 n-Eicosane (C20)

R.T.: 12.517 min
Delta R.T.: -0.024 min
Response: 2177620
Conc: 17.76 ug/ml



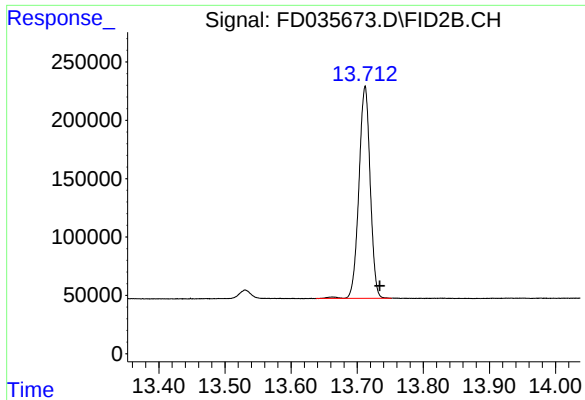
#11 n-Heneicosane (C21)

R.T.: 13.128 min
Delta R.T.: -0.023 min
Response: 2151460
Conc: 17.50 ug/ml



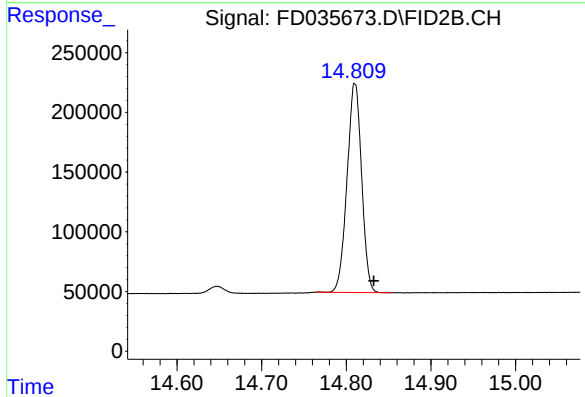
#12 1-chlorooctadecane (SURR)

R.T.: 12.961 min
Delta R.T.: -0.023 min
Response: 1770995
Conc: 16.99 ug/ml



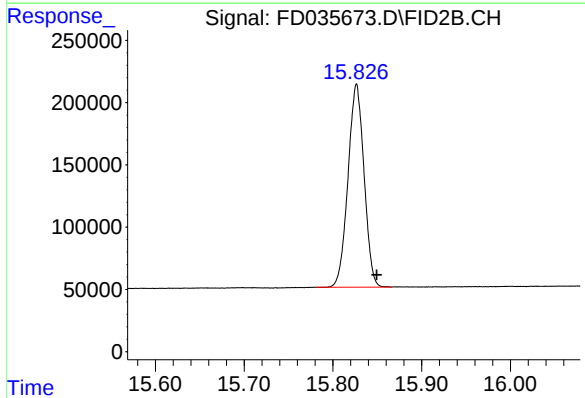
#13 n-Docosane (C22)

R.T.: 13.712 min
Delta R.T.: -0.022 min
Response: 2153416
Conc: 17.46 ug/ml



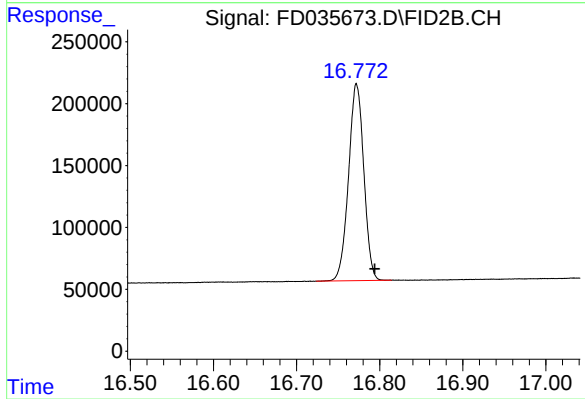
#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: -0.022 min
Response: 2093909
Conc: 16.93 ug/ml



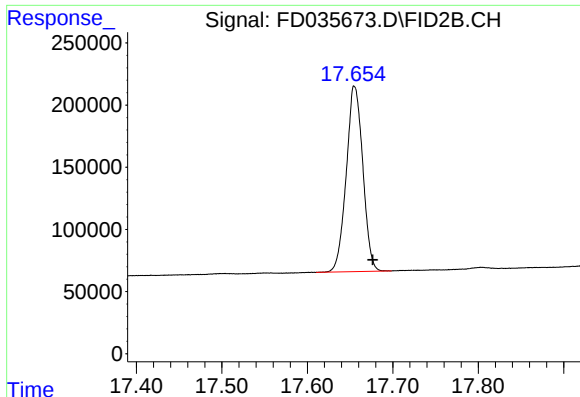
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: -0.023 min
Response: 2048393
Conc: 16.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.772 min
Delta R.T.: -0.022 min
Response: 2032797
Conc: 16.51 ug/ml



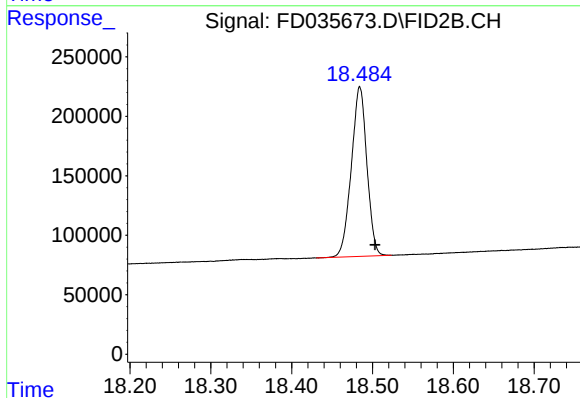
#17 n-Tricontane (C30)

R.T.: 17.655 min

Delta R.T.: -0.021 min

Response: 2008301

Conc: 16.62 ug/ml



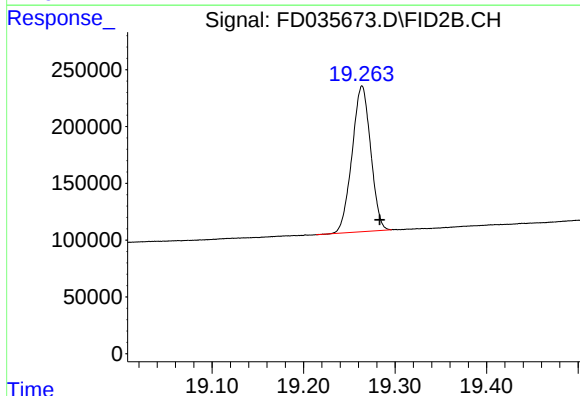
#18 n-Dotriacontane (C32)

R.T.: 18.484 min

Delta R.T.: -0.019 min

Response: 1902931

Conc: 16.92 ug/ml



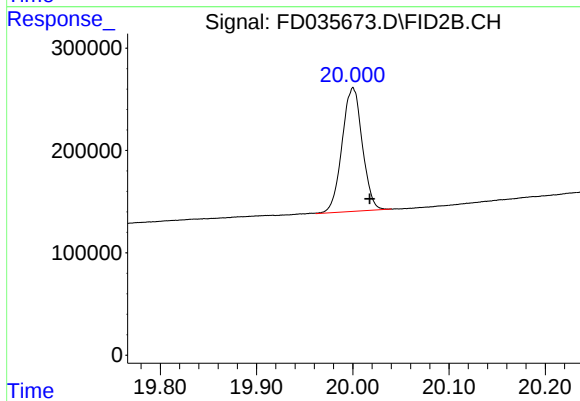
#19 n-Tetratriacontane (C34)

R.T.: 19.264 min

Delta R.T.: -0.019 min

Response: 1807596

Conc: 17.22 ug/ml



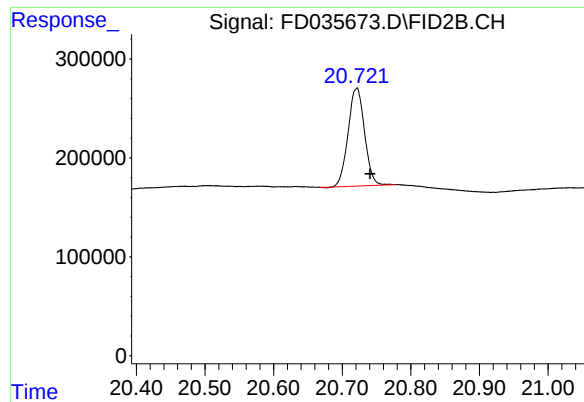
#20 n-Hexatriacontane (C36)

R.T.: 20.000 min

Delta R.T.: -0.018 min

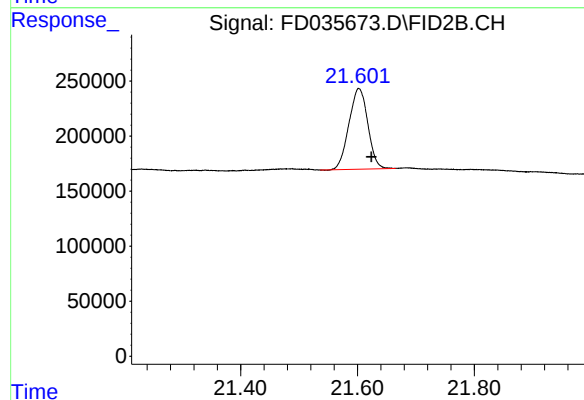
Response: 1755832

Conc: 18.33 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.721 min
Delta R.T.: -0.019 min
Response: 1651497
Conc: 18.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.602 min
Delta R.T.: -0.022 min
Response: 1644805
Conc: 18.74 ug/ml