

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112420AL\
 Data File : FD035638.D
 Signal(s) : FID2B.CH
 Acq On : 24 Nov 2020 9:53
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 25 02:44:49 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)	11.526	2237446	17.200 ug/ml
Spiked Amount 50.000		Recovery =	34.40%
12) S 1-chlorooctadecane (S...	12.958	1748500	16.777 ug/ml
Spiked Amount 50.000		Recovery =	33.55%
Target Compounds			
1) T n-Nonane (C9)	3.313	2021979	17.957 ug/ml
2) T n-Decane (C10)	4.378	2042890	18.078 ug/ml
3) T A~Naphthalene (C11.7)	5.962	2231990	18.251 ug/ml
4) T n-Dodecane (C12)	6.390	2095499	18.125 ug/ml
5) T A~2-methylnaphthalene...	7.015	2281110	18.231 ug/ml
6) T n-Tetradecane (C14)	8.178	2105313	18.281 ug/ml
7) T n-Hexadecane (C16)	9.774	2080785	18.210 ug/ml
8) T n-Octadecane (C18)	11.210	2153607	17.846 ug/ml
10) T n-Eicosane (C20)	12.515	2139267	17.445 ug/ml
11) T n-Heneicosane (C21)	13.124	2109180	17.155 ug/ml
13) T n-Docosane (C22)	13.708	2086975	16.925 ug/ml
14) T n-Tetracosane (C24)	14.806	2039253	16.483 ug/ml
15) T n-Hexacosane (C26)	15.822	1977154	16.063 ug/ml
16) T n-Octacosane (C28)	16.769	1934299	15.711 ug/ml
17) T n-Tricontane (C30)	17.651	1880705	15.562 ug/ml
18) T n-Dotriacontane (C32)	18.479	1767437	15.719 ug/ml
19) T n-Tetratriacontane (C34)	19.259	1694298	16.142 ug/ml
20) T n-Hexatriacontane (C36)	19.995	1667566	17.408 ug/ml
21) T n-Octatriacontane (C38)	20.716	1570137	17.677 ug/ml
22) T n-Tetracontane (C40)	21.592	1551720	17.681 ug/ml

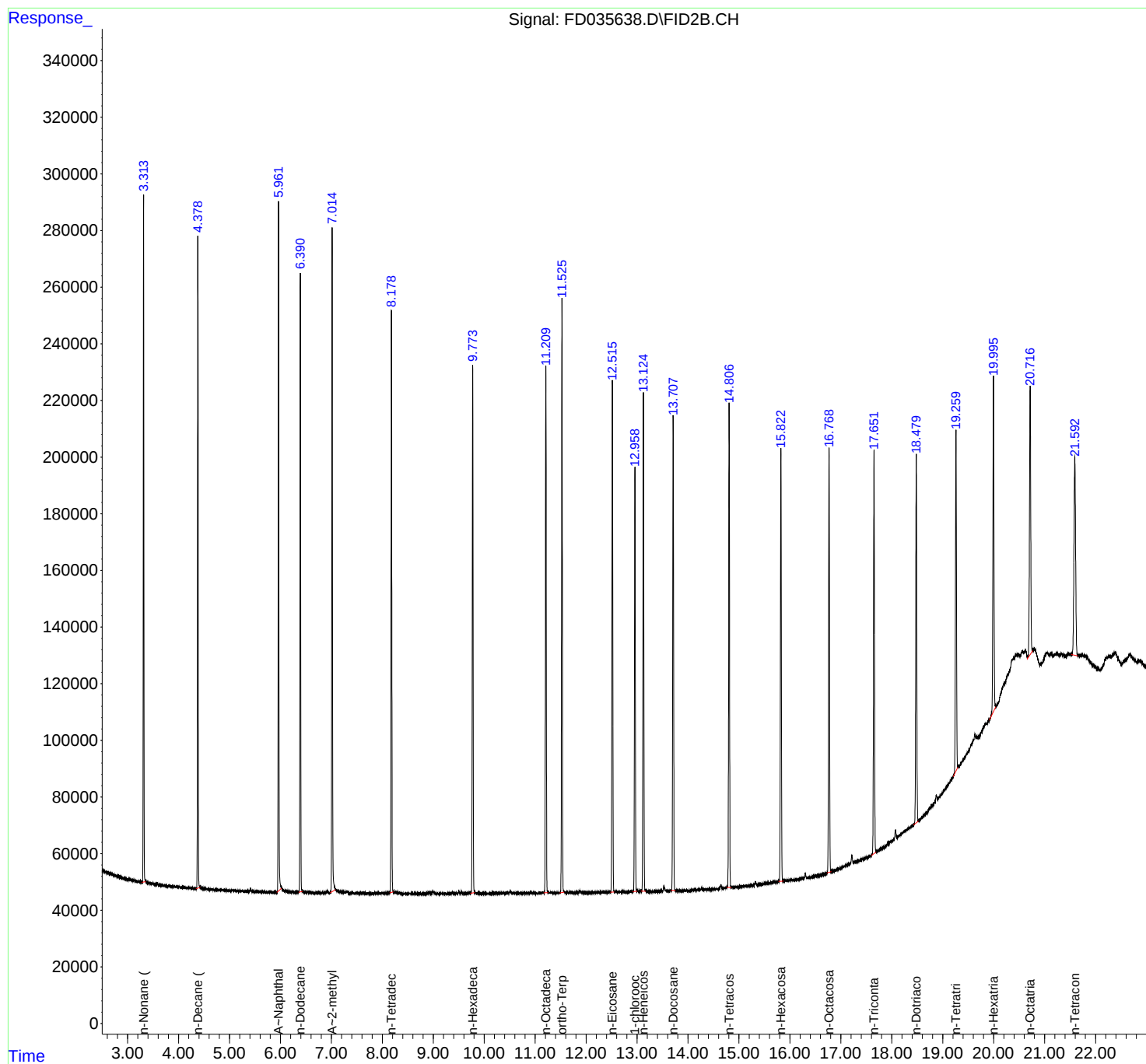
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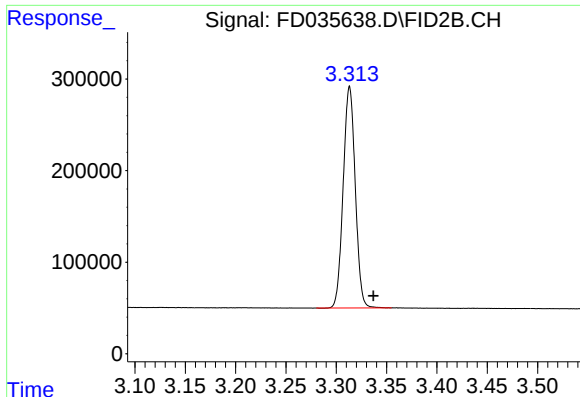
(m)=manual int.

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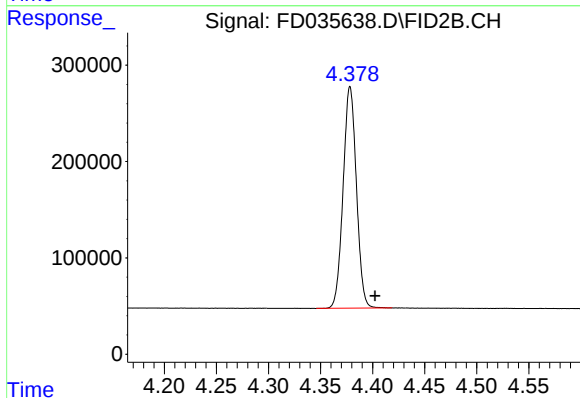
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





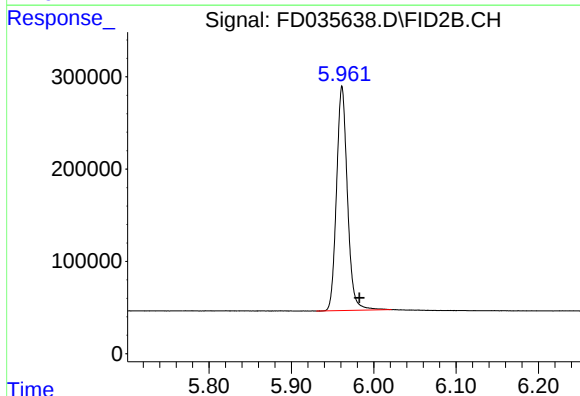
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: -0.024 min
Response: 2021979
Conc: 17.96 ug/ml



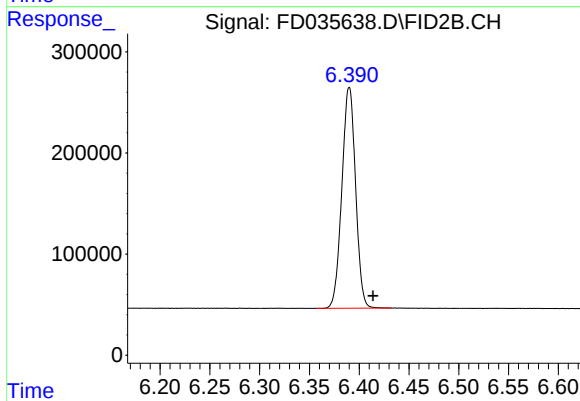
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.024 min
Response: 2042890
Conc: 18.08 ug/ml



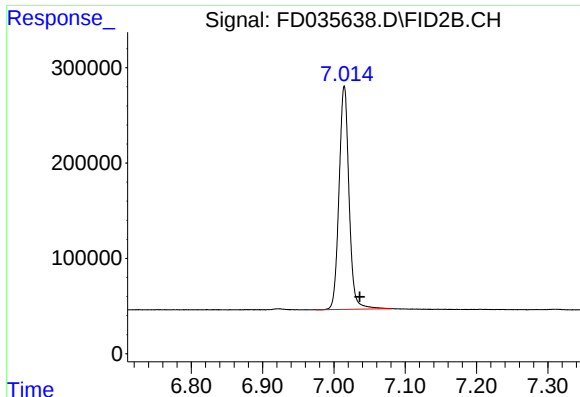
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: -0.021 min
Response: 2231990
Conc: 18.25 ug/ml



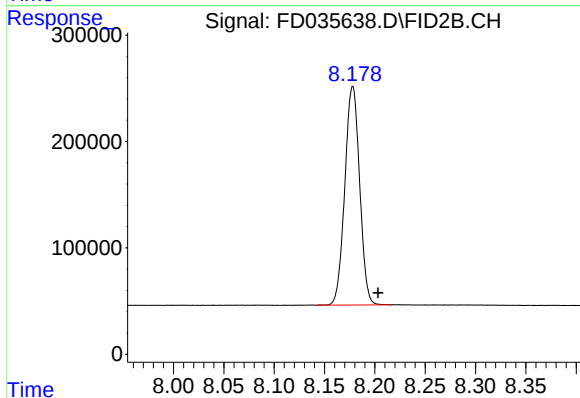
#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: -0.024 min
Response: 2095499
Conc: 18.12 ug/ml



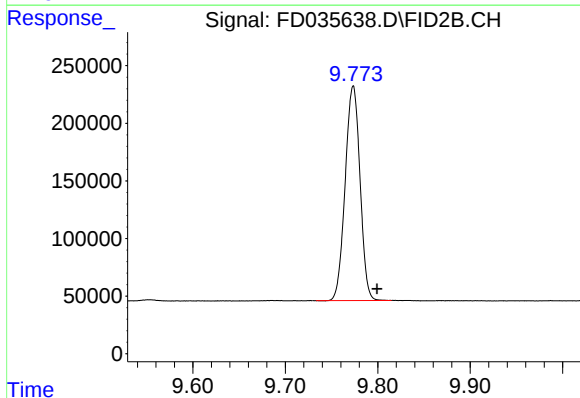
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.015 min
Delta R.T.: -0.022 min
Response: 2281110
Conc: 18.23 ug/ml



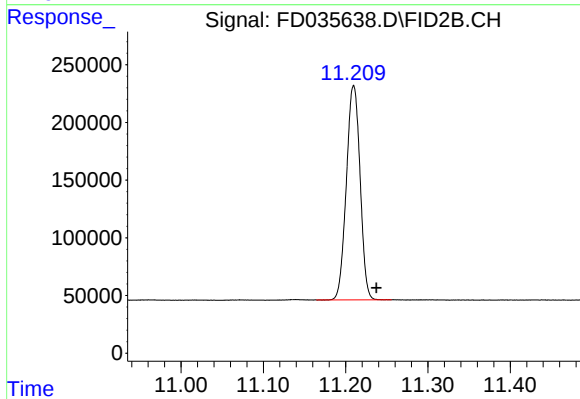
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.025 min
Response: 2105313
Conc: 18.28 ug/ml



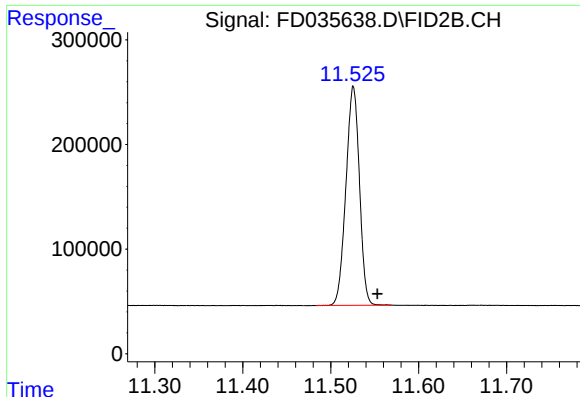
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: -0.026 min
Response: 2080785
Conc: 18.21 ug/ml



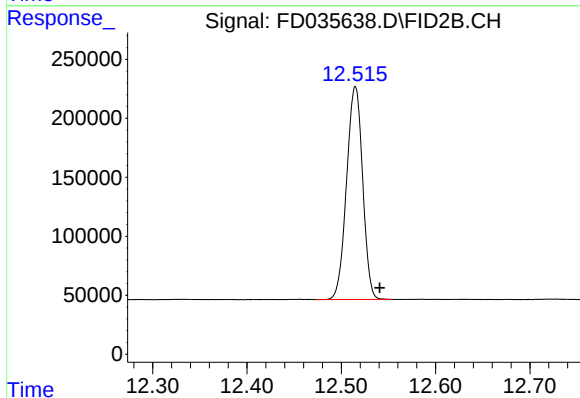
#8 n-Octadecane (C18)

R.T.: 11.210 min
Delta R.T.: -0.028 min
Response: 2153607
Conc: 17.85 ug/ml



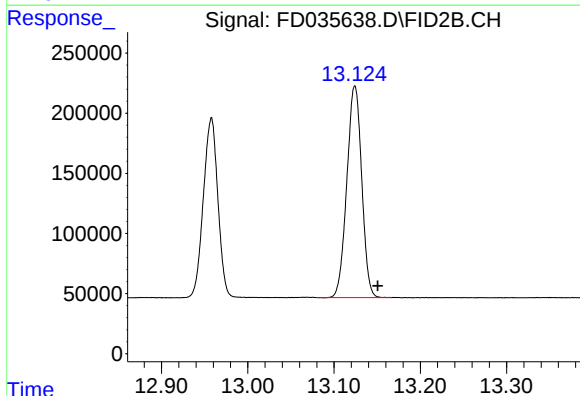
#9 ortho-Terphenyl (SURR)

R.T.: 11.526 min
Delta R.T.: -0.027 min
Response: 2237446
Conc: 17.20 ug/ml



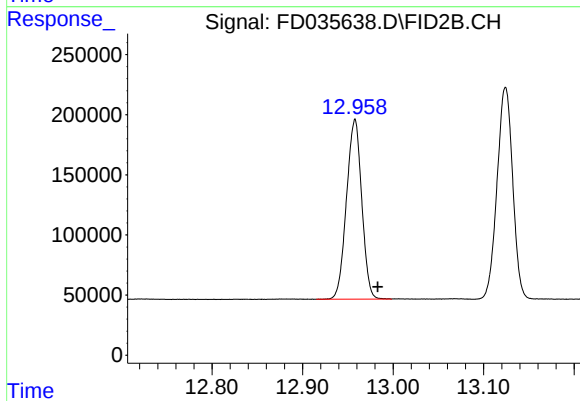
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.026 min
Response: 2139267
Conc: 17.44 ug/ml



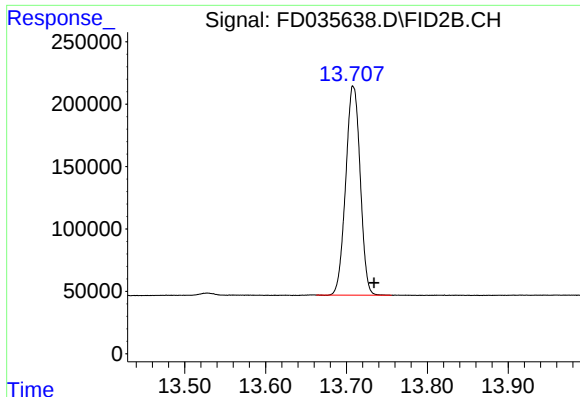
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: -0.027 min
Response: 2109180
Conc: 17.16 ug/ml



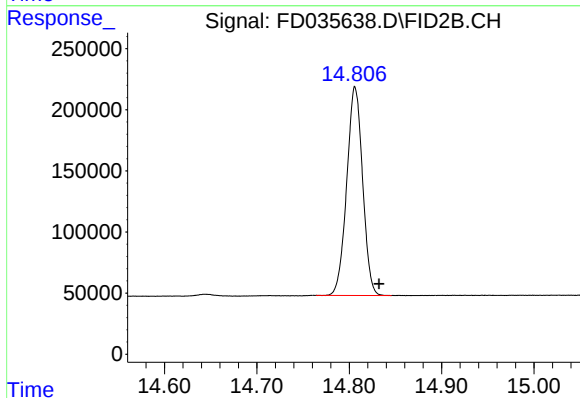
#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.025 min
Response: 1748500
Conc: 16.78 ug/ml



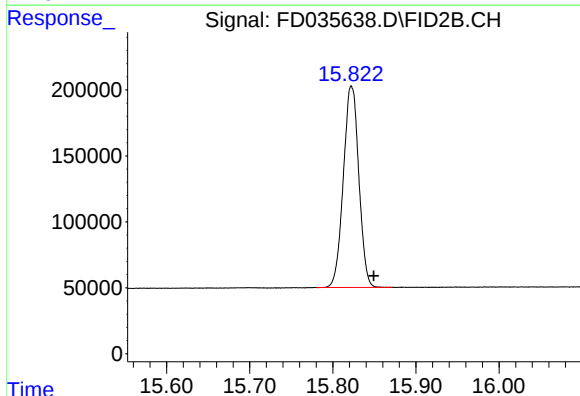
#13 n-Docosane (C22)

R.T.: 13.708 min
Delta R.T.: -0.026 min
Response: 2086975
Conc: 16.92 ug/ml



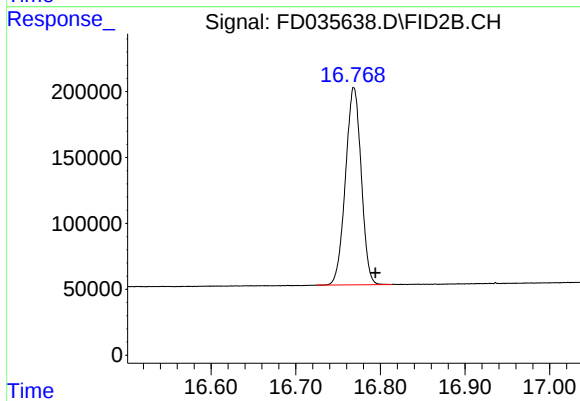
#14 n-Tetracosane (C24)

R.T.: 14.806 min
Delta R.T.: -0.026 min
Response: 2039253
Conc: 16.48 ug/ml



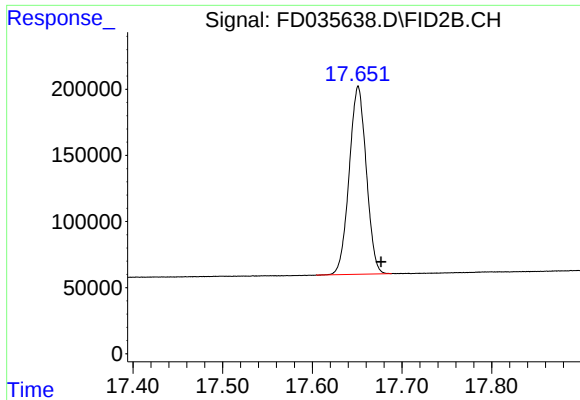
#15 n-Hexacosane (C26)

R.T.: 15.822 min
Delta R.T.: -0.027 min
Response: 1977154
Conc: 16.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.769 min
Delta R.T.: -0.025 min
Response: 1934299
Conc: 15.71 ug/ml



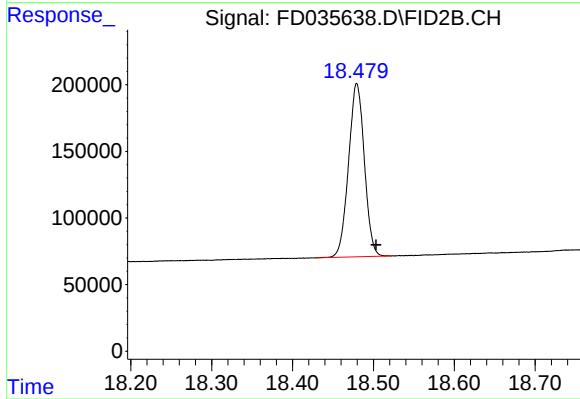
#17 n-Tricontane (C30)

R.T.: 17.651 min

Delta R.T.: -0.025 min

Response: 1880705

Conc: 15.56 ug/ml



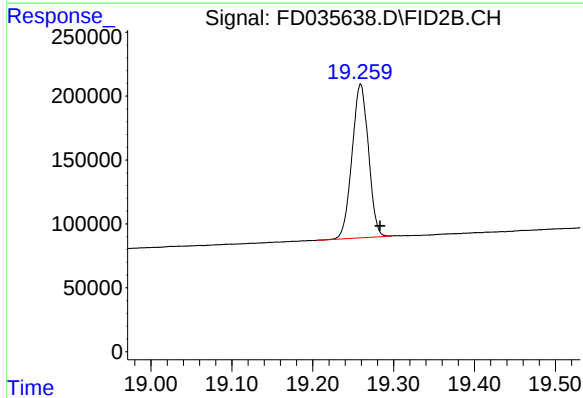
#18 n-Dotriacontane (C32)

R.T.: 18.479 min

Delta R.T.: -0.024 min

Response: 1767437

Conc: 15.72 ug/ml



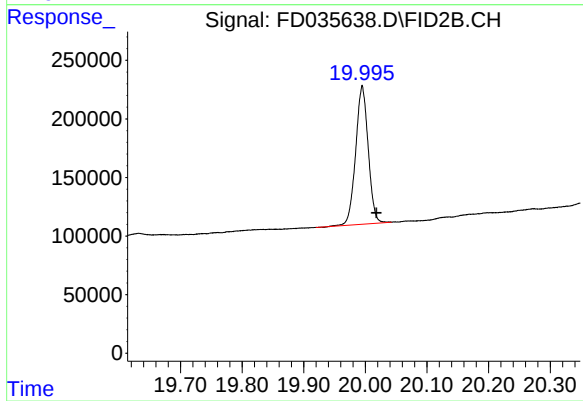
#19 n-Tetratriacontane (C34)

R.T.: 19.259 min

Delta R.T.: -0.024 min

Response: 1694298

Conc: 16.14 ug/ml



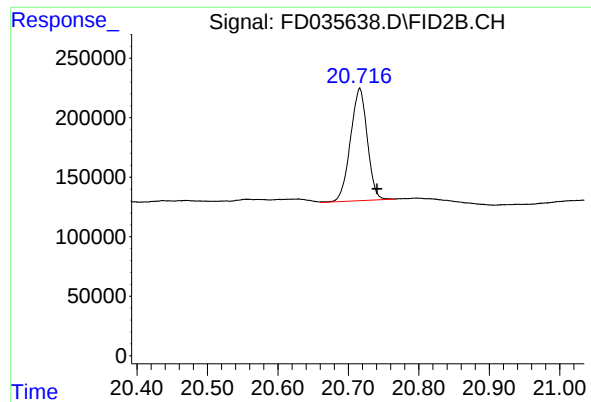
#20 n-Hexatriacontane (C36)

R.T.: 19.995 min

Delta R.T.: -0.023 min

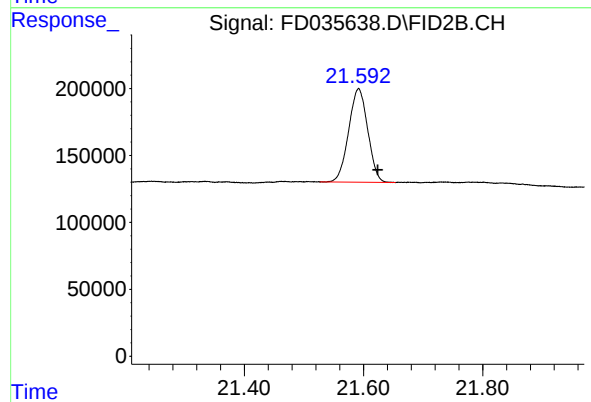
Response: 1667566

Conc: 17.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.716 min
Delta R.T.: -0.025 min
Response: 1570137
Conc: 17.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.592 min
Delta R.T.: -0.032 min
Response: 1551720
Conc: 17.68 ug/ml