

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121420AL\
 Data File : FD035782.D
 Signal(s) : FID2B.CH
 Acq On : 14 Dec 2020 18:13
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 15 03:10:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 28 05:38:14 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)	11.494	2720361	19.479 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
12) S 1-chlorooctadecane (S...	12.926	2156395	19.233 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
Target Compounds			
1) T n-Nonane (C9)	3.293	2532580	21.156 ug/ml
2) T n-Decane (C10)	4.353	2580142	21.385 ug/ml
3) T A~Naphthalene (C11.7)	5.931	2716975	20.889 ug/ml
4) T n-Dodecane (C12)	6.360	2657156	21.359 ug/ml
5) T A~2-methylnaphthalene...	6.983	2762704	20.789 ug/ml
6) T n-Tetradecane (C14)	8.148	2649556	21.139 ug/ml
7) T n-Hexadecane (C16)	9.743	2593173	20.890 ug/ml
8) T n-Octadecane (C18)	11.179	2669751	20.425 ug/ml
10) T n-Eicosane (C20)	12.484	2629991	19.840 ug/ml
11) T n-Heneicosane (C21)	13.093	2583149	19.531 ug/ml
13) T n-Docosane (C22)	13.677	2556405	19.348 ug/ml
14) T n-Tetracosane (C24)	14.774	2502088	19.062 ug/ml
15) T n-Hexacosane (C26)	15.791	2400243	18.778 ug/ml
16) T n-Octacosane (C28)	16.737	2362010	19.029 ug/ml
17) T n-Tricontane (C30)	17.619	2358503	20.044 ug/ml
18) T n-Dotriacontane (C32)	18.447	2229859	21.125 ug/ml
19) T n-Tetratriacontane (C34)	19.226	2079643	21.712 ug/ml
20) T n-Hexatriacontane (C36)	19.962	1958380	22.079 ug/ml
21) T n-Octatriacontane (C38)	20.676	1841110	22.074 ug/ml
22) T n-Tetracontane (C40)	21.542	1909851	22.685 ug/ml

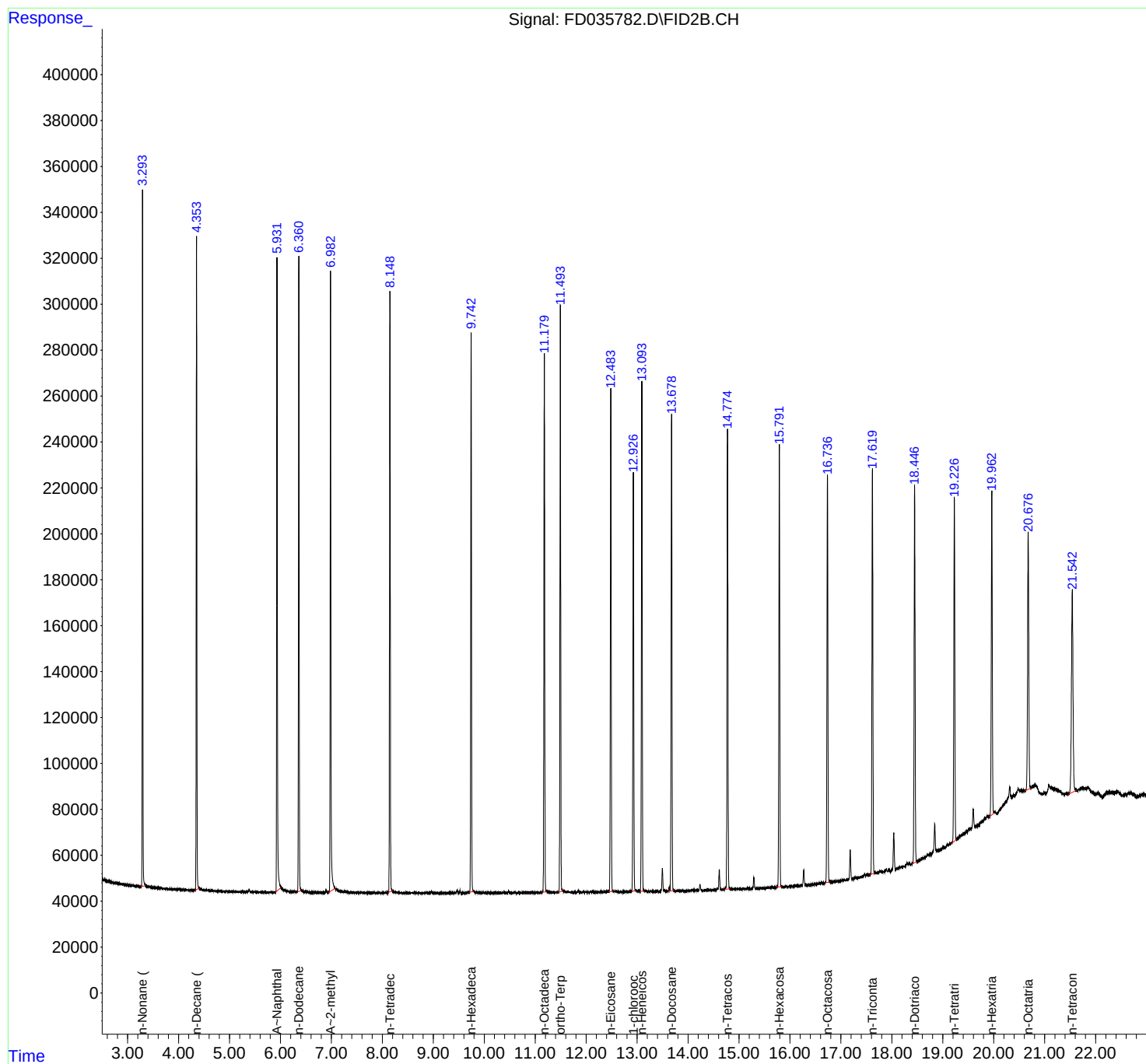
(f)=RT Delta > 1/2 Window

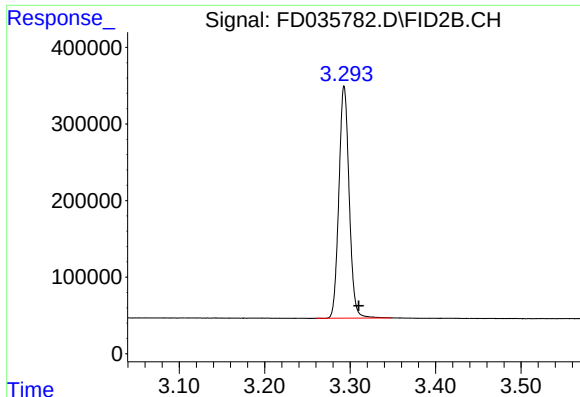
(m)=manual int.

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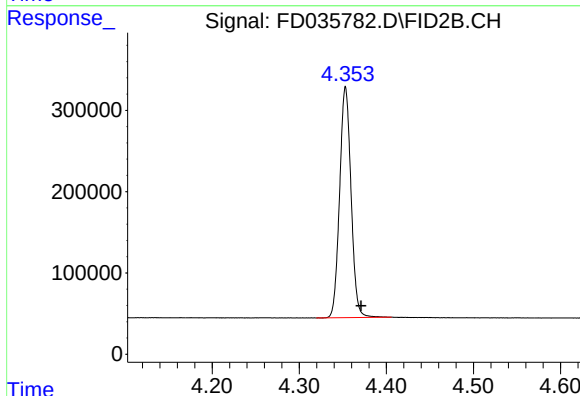
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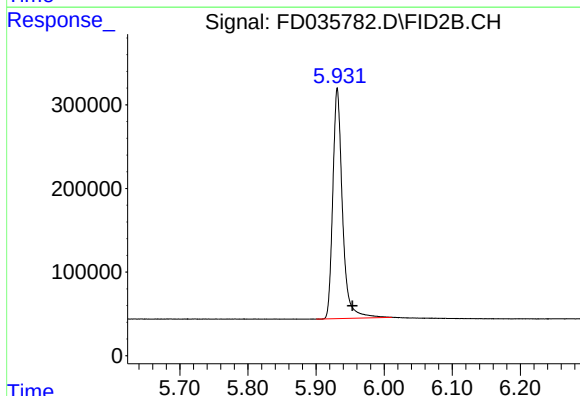
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.017 min
Response: 2532580
Conc: 21.16 ug/ml



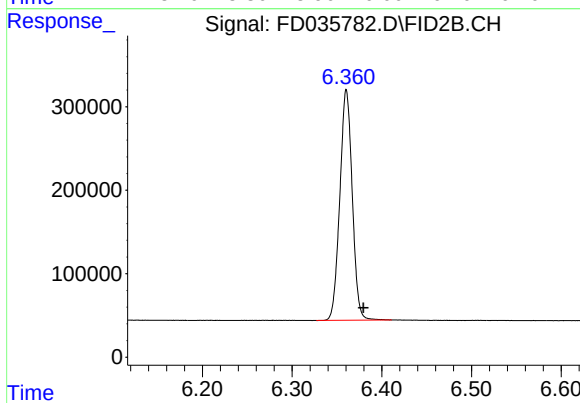
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: -0.018 min
Response: 2580142
Conc: 21.39 ug/ml



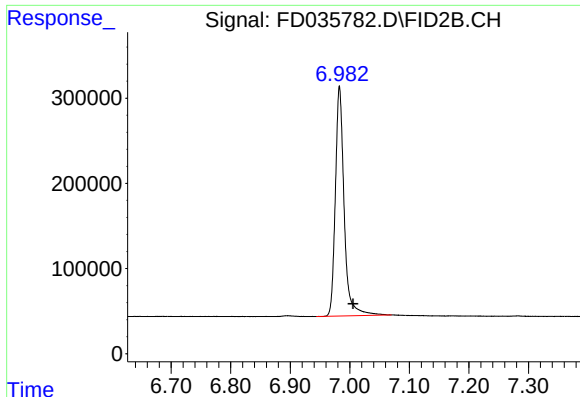
#3 A~Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: -0.022 min
Response: 2716975
Conc: 20.89 ug/ml



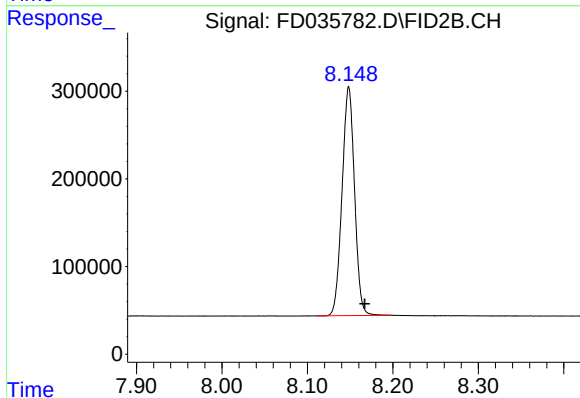
#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: -0.019 min
Response: 2657156
Conc: 21.36 ug/ml



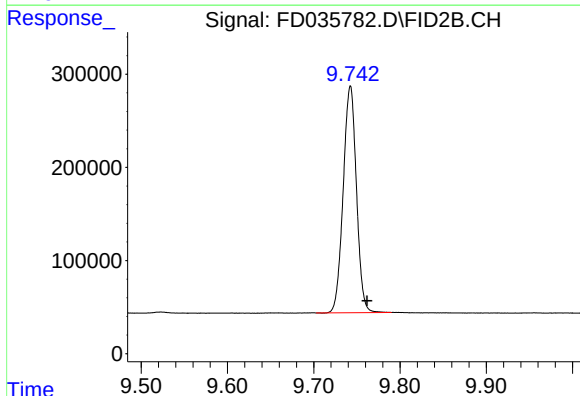
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: -0.023 min
Response: 2762704
Conc: 20.79 ug/ml



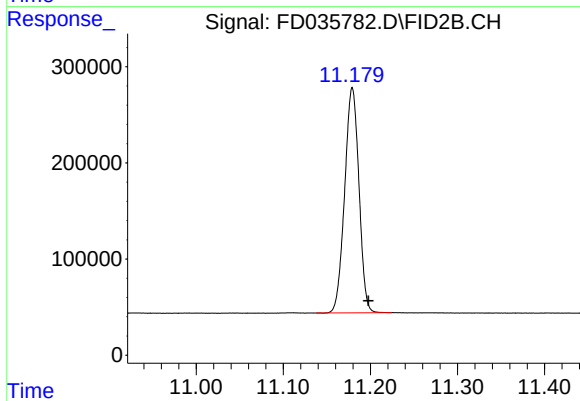
#6 n-Tetradecane (C14)

R.T.: 8.148 min
Delta R.T.: -0.019 min
Response: 2649556
Conc: 21.14 ug/ml



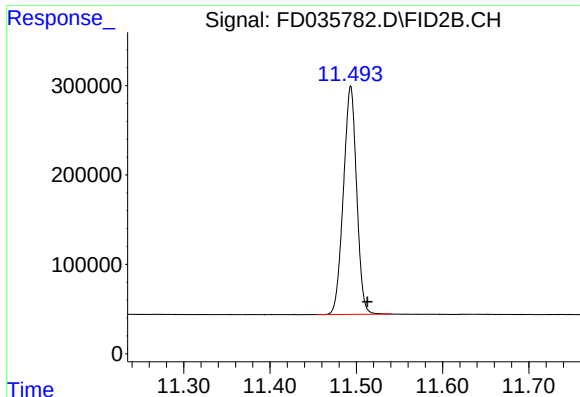
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: -0.019 min
Response: 2593173
Conc: 20.89 ug/ml



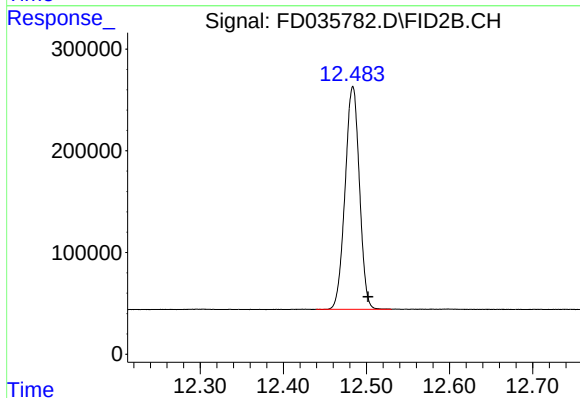
#8 n-Octadecane (C18)

R.T.: 11.179 min
Delta R.T.: -0.019 min
Response: 2669751
Conc: 20.42 ug/ml



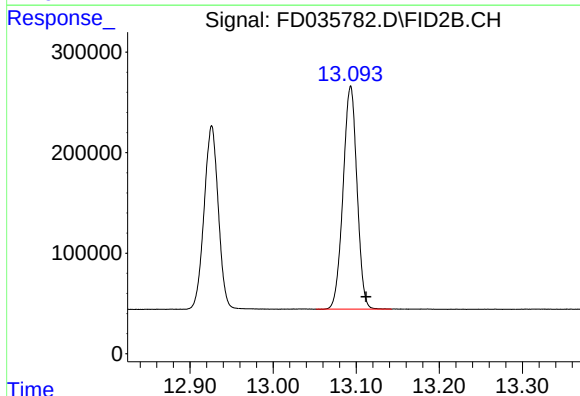
#9 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: -0.019 min
Response: 2720361
Conc: 19.48 ug/ml



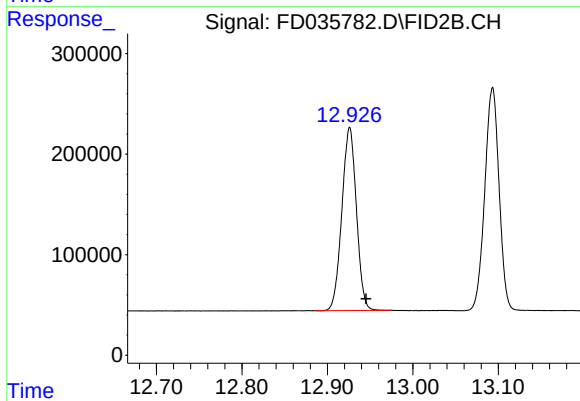
#10 n-Eicosane (C20)

R.T.: 12.484 min
Delta R.T.: -0.018 min
Response: 2629991
Conc: 19.84 ug/ml



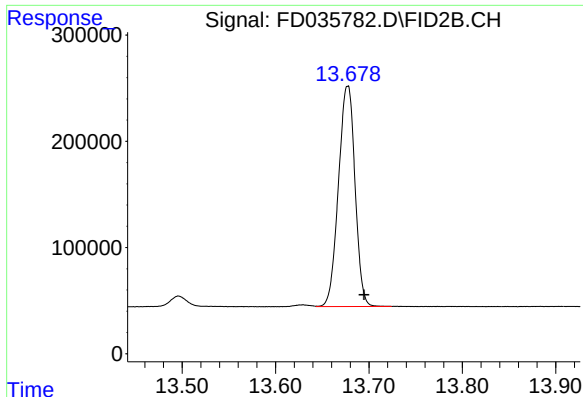
#11 n-Heneicosane (C21)

R.T.: 13.093 min
Delta R.T.: -0.019 min
Response: 2583149
Conc: 19.53 ug/ml



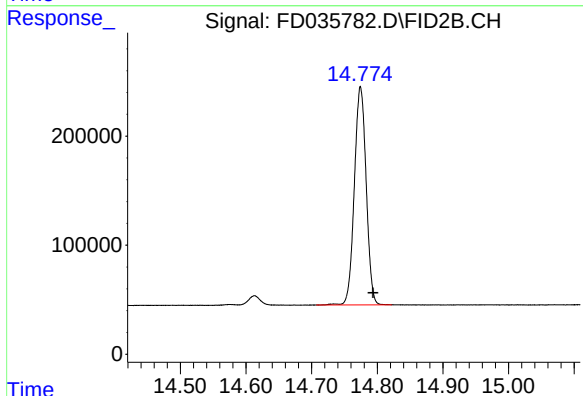
#12 1-chlorooctadecane (SURR)

R.T.: 12.926 min
Delta R.T.: -0.019 min
Response: 2156395
Conc: 19.23 ug/ml



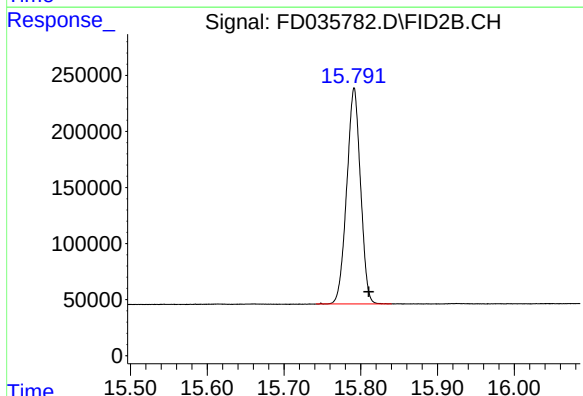
#13 n-Docosane (C22)

R.T.: 13.677 min
Delta R.T.: -0.018 min
Response: 2556405
Conc: 19.35 ug/ml



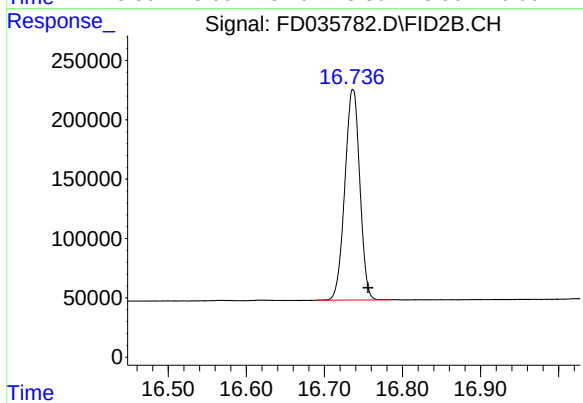
#14 n-Tetracosane (C24)

R.T.: 14.774 min
Delta R.T.: -0.019 min
Response: 2502088
Conc: 19.06 ug/ml



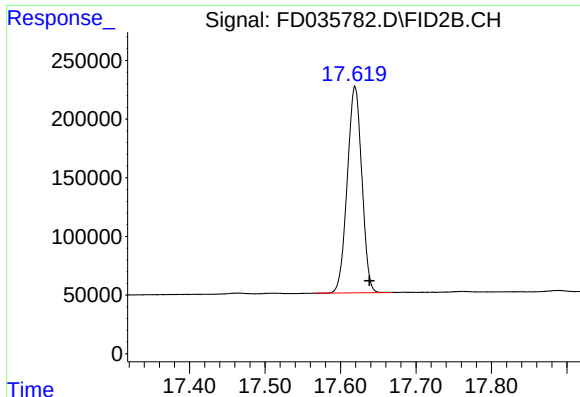
#15 n-Hexacosane (C26)

R.T.: 15.791 min
Delta R.T.: -0.019 min
Response: 2400243
Conc: 18.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.737 min
Delta R.T.: -0.019 min
Response: 2362010
Conc: 19.03 ug/ml



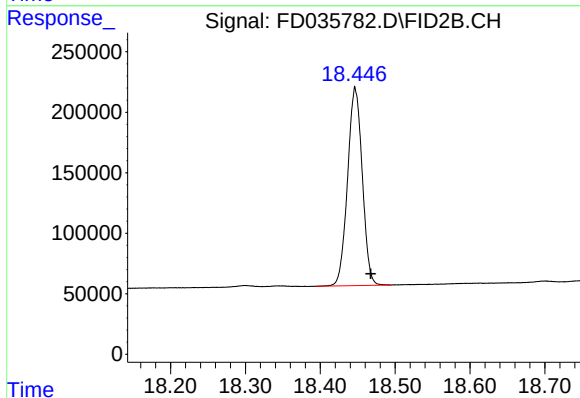
#17 n-Tricontane (C30)

R.T.: 17.619 min

Delta R.T.: -0.019 min

Response: 2358503

Conc: 20.04 ug/ml



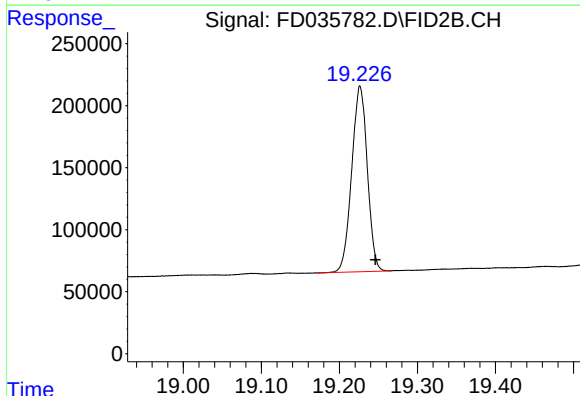
#18 n-Dotriacontane (C32)

R.T.: 18.447 min

Delta R.T.: -0.021 min

Response: 2229859

Conc: 21.13 ug/ml



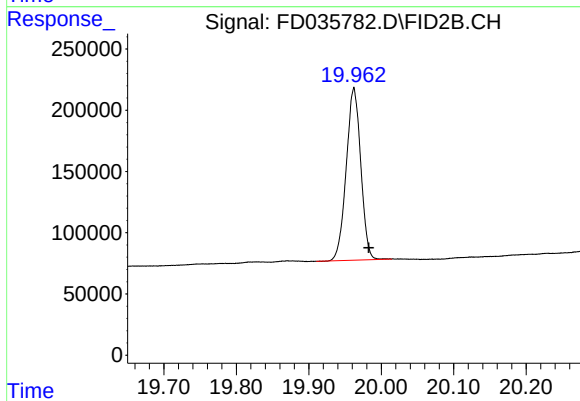
#19 n-Tetratriacontane (C34)

R.T.: 19.226 min

Delta R.T.: -0.020 min

Response: 2079643

Conc: 21.71 ug/ml



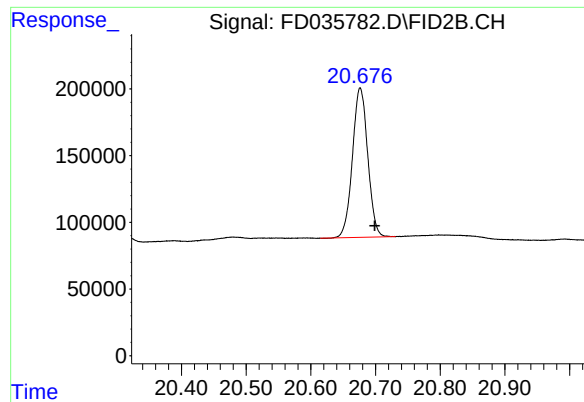
#20 n-Hexatriacontane (C36)

R.T.: 19.962 min

Delta R.T.: -0.020 min

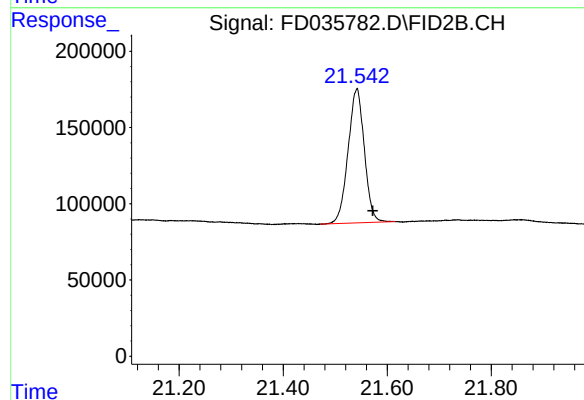
Response: 1958380

Conc: 22.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.676 min
Delta R.T.: -0.023 min
Response: 1841110
Conc: 22.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.542 min
Delta R.T.: -0.030 min
Response: 1909851
Conc: 22.68 ug/ml