

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121319AL\
 Data File : FC044935.D
 Signal(s) : FID1A.CH
 Acq On : 14 Dec 2019 7:52
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 16 00:11:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112219.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 23 03:00:37 2019
 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)	11.761	2437378	21.390 ug/ml
Spiked Amount 50.000		Recovery =	42.78%
12) S 1-chlorooctadecane (S...	13.186	1904656	21.508 ug/ml
Spiked Amount 50.000		Recovery =	43.02%
Target Compounds			
1) T n-Nonane (C9)	3.505	2291628	22.541 ug/ml
2) T n-Decane (C10)	4.580	2323451	22.879 ug/ml
3) T A~Naphthalene (C11.7)	6.181	2596917	22.730 ug/ml
4) T n-Dodecane (C12)	6.600	2347592	23.074 ug/ml
5) T A~2-methylnaphthalene...	7.238	2613000	22.788 ug/ml
6) T n-Tetradecane (C14)	8.392	2357235	23.126 ug/ml
7) T n-Hexadecane (C16)	9.991	2355672	22.958 ug/ml
8) T n-Octadecane (C18)	11.431	2335078	22.552 ug/ml
10) T n-Eicosane (C20)	12.740	2284293	21.897 ug/ml
11) T n-Heneicosane (C21)	13.350	2265297	21.475 ug/ml
13) T n-Docosane (C22)	13.936	2223580	21.078 ug/ml
14) T n-Tetracosane (C24)	15.038	2169107	20.261 ug/ml
15) T n-Hexacosane (C26)	16.058	2094369	19.679 ug/ml
16) T n-Octacosane (C28)	17.006	2028781	19.329 ug/ml
17) T n-Tricontane (C30)	17.893	1941815	19.394 ug/ml
18) T n-Dotriacontane (C32)	18.725	1680620	20.185 ug/ml
19) T n-Tetratriacontane (C34)	19.508	1582808	23.070 ug/ml
20) T n-Hexatriacontane (C36)	20.246	1448142	24.262 ug/ml
21) T n-Octatriacontane (C38)	21.018	1516803	28.215 ug/ml
22) T n-Tetracontane (C40)	21.994	1127287	21.041 ug/ml

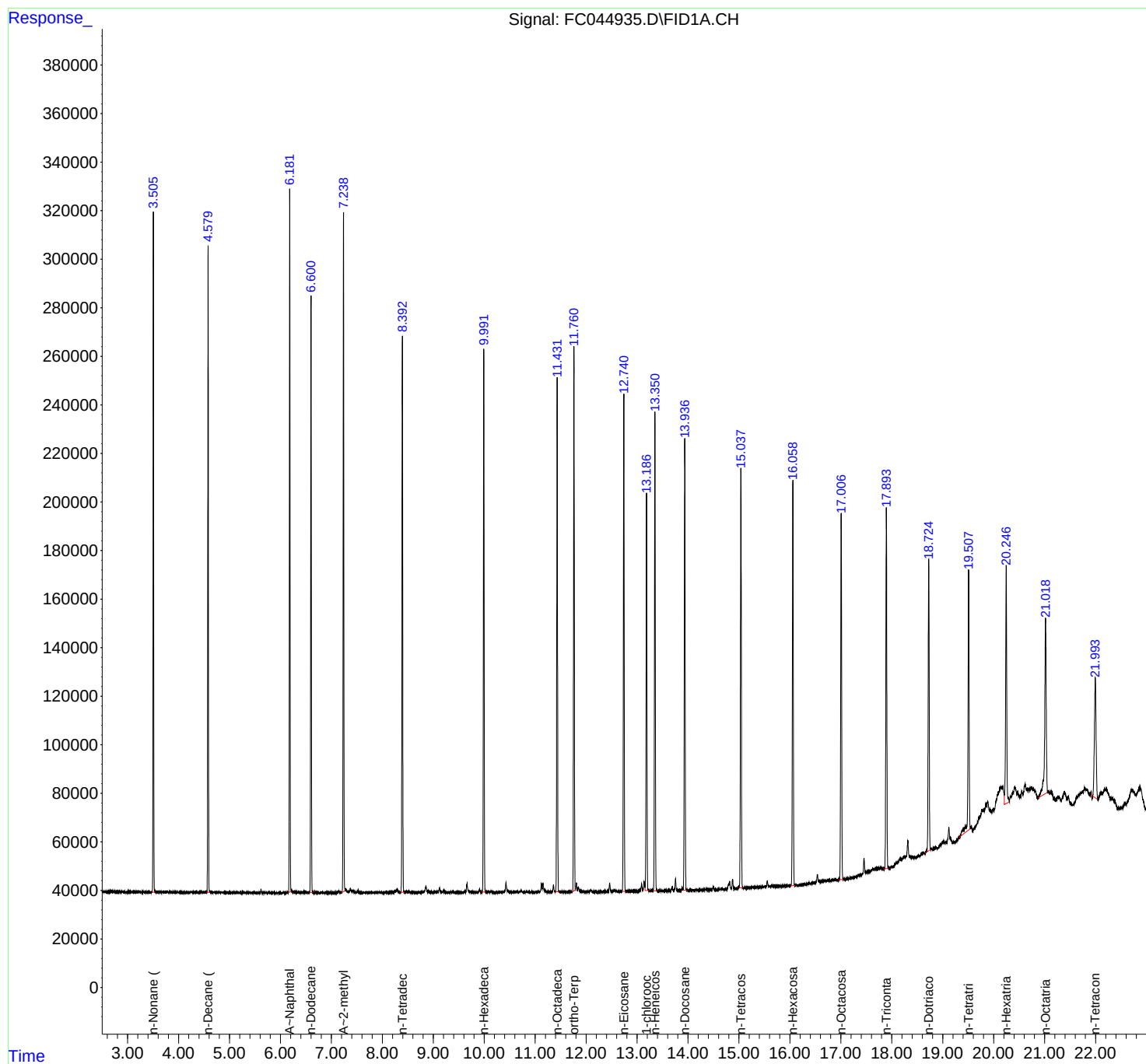
(f)=RT Delta > 1/2 Window

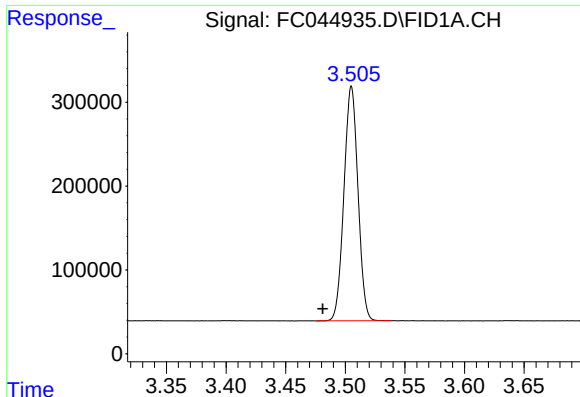
(m)=manual int.

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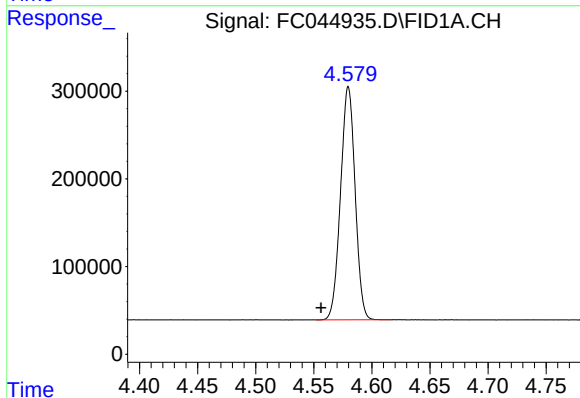
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Signal Info : 20M x 0.18mm x 0.18um





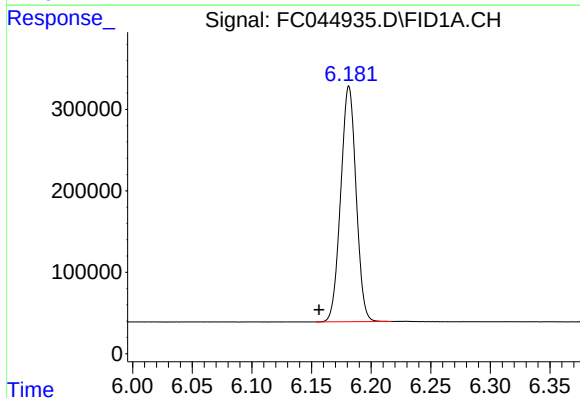
#1 n-Nonane (C9)

R.T.: 3.505 min
Delta R.T.: 0.024 min
Response: 2291628
Conc: 22.54 ug/ml



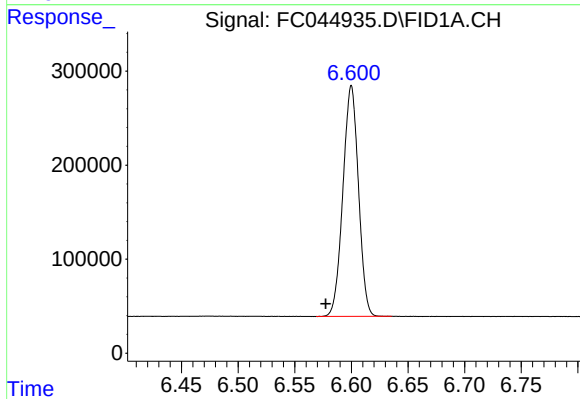
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.024 min
Response: 2323451
Conc: 22.88 ug/ml



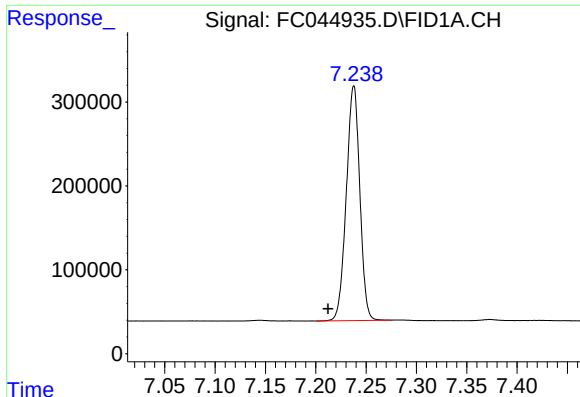
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: 0.025 min
Response: 2596917
Conc: 22.73 ug/ml



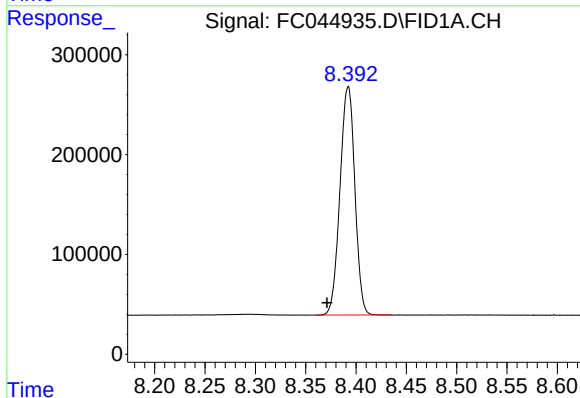
#4 n-Dodecane (C12)

R.T.: 6.600 min
Delta R.T.: 0.023 min
Response: 2347592
Conc: 23.07 ug/ml



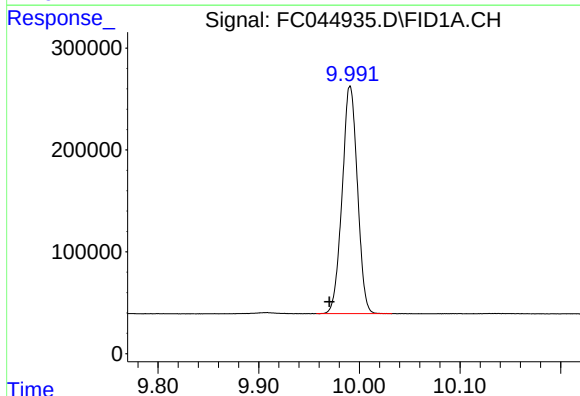
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.238 min
Delta R.T.: 0.026 min
Response: 2613000
Conc: 22.79 ug/ml



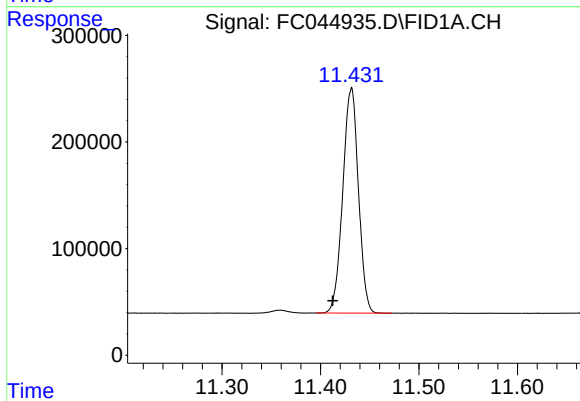
#6 n-Tetradecane (C14)

R.T.: 8.392 min
Delta R.T.: 0.021 min
Response: 2357235
Conc: 23.13 ug/ml



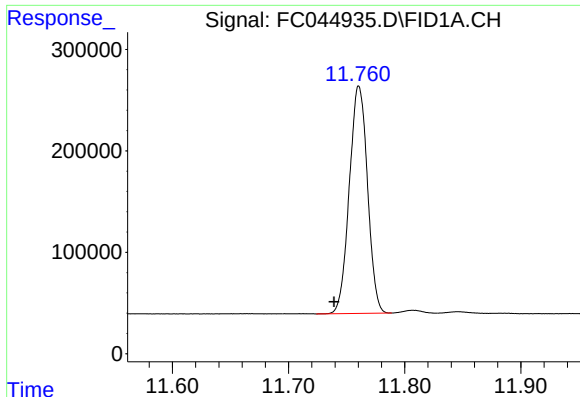
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: 0.021 min
Response: 2355672
Conc: 22.96 ug/ml



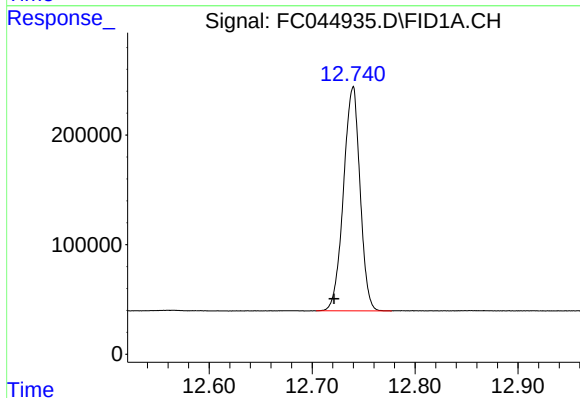
#8 n-Octadecane (C18)

R.T.: 11.431 min
Delta R.T.: 0.019 min
Response: 2335078
Conc: 22.55 ug/ml



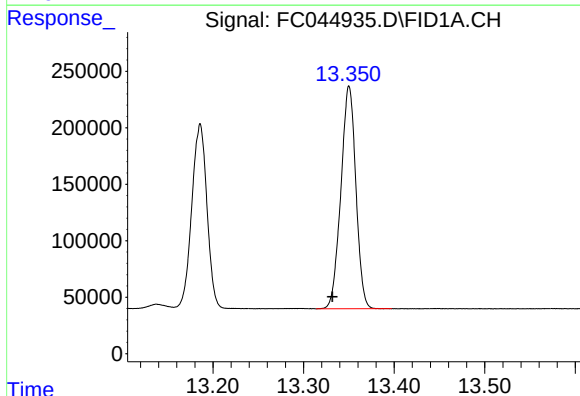
#9 ortho-Terphenyl (SURR)

R.T.: 11.761 min
Delta R.T.: 0.021 min
Response: 2437378
Conc: 21.39 ug/ml



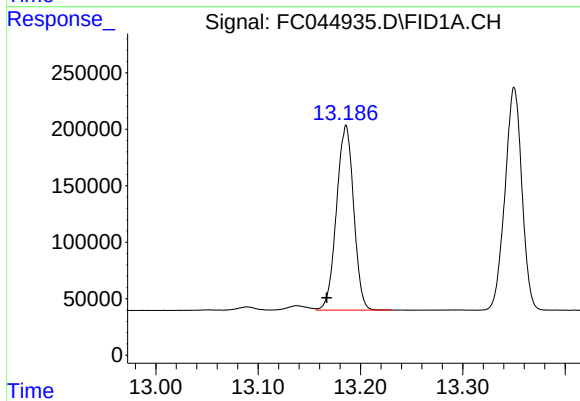
#10 n-Eicosane (C20)

R.T.: 12.740 min
Delta R.T.: 0.018 min
Response: 2284293
Conc: 21.90 ug/ml



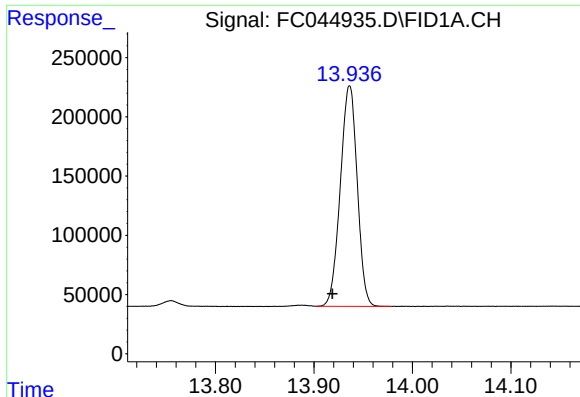
#11 n-Heneicosane (C21)

R.T.: 13.350 min
Delta R.T.: 0.018 min
Response: 2265297
Conc: 21.48 ug/ml



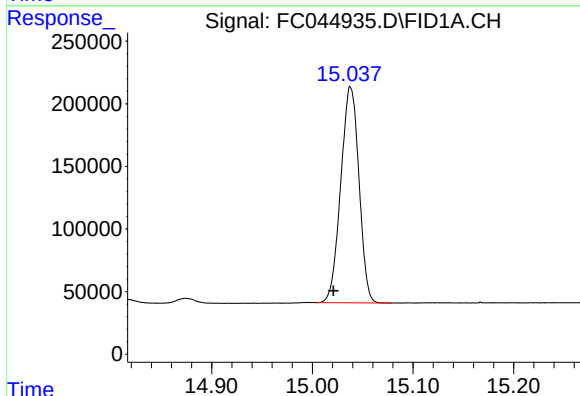
#12 1-chlorooctadecane (SURR)

R.T.: 13.186 min
Delta R.T.: 0.019 min
Response: 1904656
Conc: 21.51 ug/ml



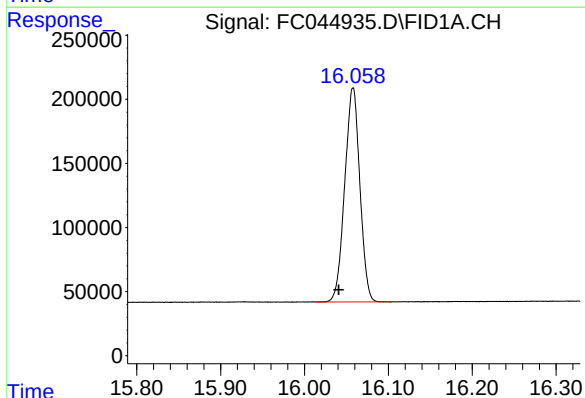
#13 n-Docosane (C22)

R.T.: 13.936 min
Delta R.T.: 0.018 min
Response: 2223580
Conc: 21.08 ug/ml



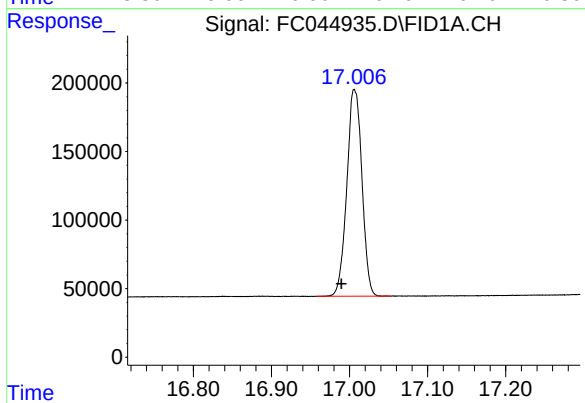
#14 n-Tetracosane (C24)

R.T.: 15.038 min
Delta R.T.: 0.017 min
Response: 2169107
Conc: 20.26 ug/ml



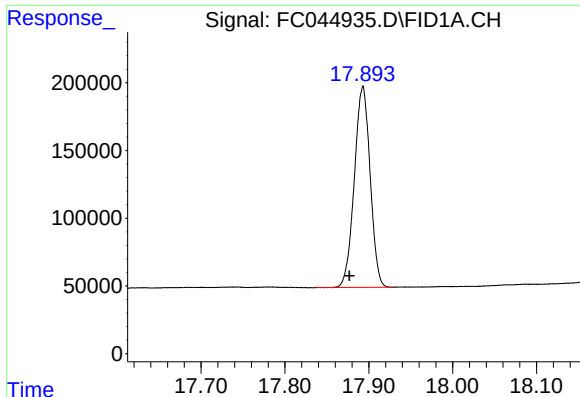
#15 n-Hexacosane (C26)

R.T.: 16.058 min
Delta R.T.: 0.017 min
Response: 2094369
Conc: 19.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.006 min
Delta R.T.: 0.017 min
Response: 2028781
Conc: 19.33 ug/ml



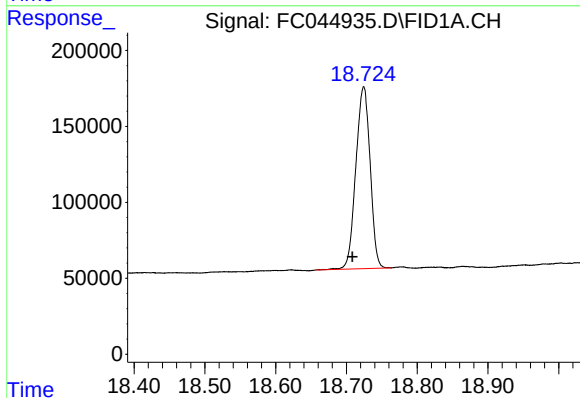
#17 n-Tricontane (C30)

R.T.: 17.893 min

Delta R.T.: 0.016 min

Response: 1941815

Conc: 19.39 ug/ml



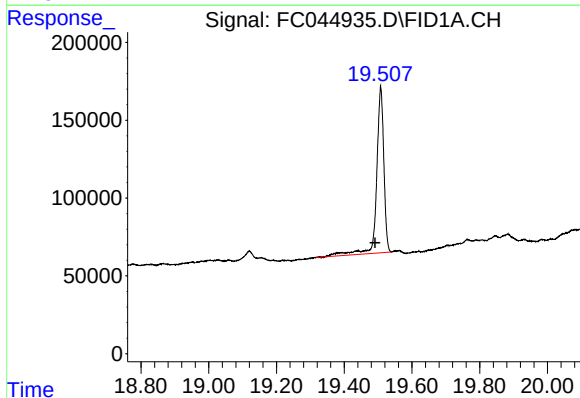
#18 n-Dotriacontane (C32)

R.T.: 18.725 min

Delta R.T.: 0.016 min

Response: 1680620

Conc: 20.18 ug/ml



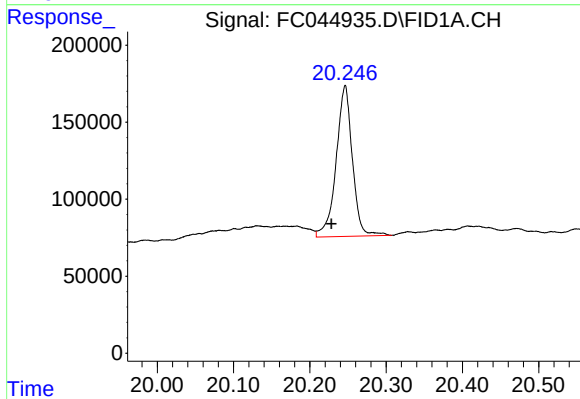
#19 n-Tetratriacontane (C34)

R.T.: 19.508 min

Delta R.T.: 0.017 min

Response: 1582808

Conc: 23.07 ug/ml



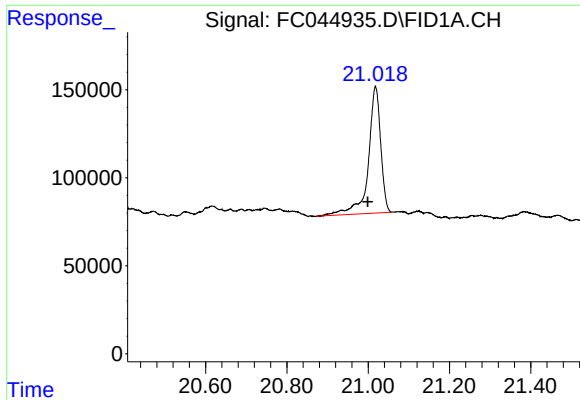
#20 n-Hexatriacontane (C36)

R.T.: 20.246 min

Delta R.T.: 0.018 min

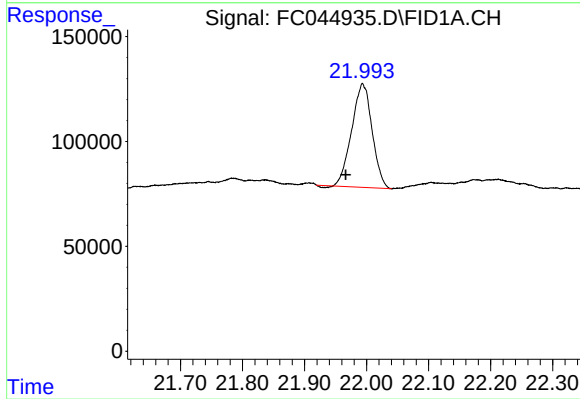
Response: 1448142

Conc: 24.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.018 min
Delta R.T.: 0.019 min
Response: 1516803
Conc: 28.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: 0.027 min
Response: 1127287
Conc: 21.04 ug/ml