

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091719AL\
 Data File : FC043544.D
 Signal(s) : FID1A.CH
 Acq On : 17 Sep 2019 22:59
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 18 03:13:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 091619.M
 Quant Title : GC Extractables
 Qlast Update : Mon Sep 16 12:41:51 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)	11.595	2776191	19.449 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
12) S 1-chlorooctadecane (S...	13.016	2110724	19.062 ug/ml
Spiked Amount 50.000		Recovery =	38.12%
Target Compounds			
1) T n-Nonane (C9)	3.439	2456725	21.054 ug/ml
2) T n-Decane (C10)	4.493	2489036	21.366 ug/ml
3) T A~Naphthalene (C11.7)	6.072	2551256	21.810 ug/ml
4) T n-Dodecane (C12)	6.486	2587092	21.222 ug/ml
5) T A~2-methylnaphthalene...	7.117	2606550	22.047 ug/ml
6) T n-Tetradecane (C14)	8.261	2597922	21.046 ug/ml
7) T n-Hexadecane (C16)	9.846	2591718	20.666 ug/ml
8) T n-Octadecane (C18)	11.275	2575277	19.973 ug/ml
10) T n-Eicosane (C20)	12.574	2537975	19.383 ug/ml
11) T n-Heneicosane (C21)	13.181	2524541	19.057 ug/ml
13) T n-Docosane (C22)	13.762	2493187	18.997 ug/ml
14) T n-Tetracosane (C24)	14.858	2417599	18.408 ug/ml
15) T n-Hexacosane (C26)	15.873	2341448	18.167 ug/ml
16) T n-Octacosane (C28)	16.818	2256550	17.930 ug/ml
17) T n-Tricontane (C30)	17.698	2191080	17.846 ug/ml
18) T n-Dotriacontane (C32)	18.526	2104183	18.259 ug/ml
19) T n-Tetratriacontane (C34)	19.306	2088298	19.429 ug/ml
20) T n-Hexatriacontane (C36)	20.041	2042247	20.727 ug/ml
21) T n-Octatriacontane (C38)	20.769	1968557	21.396 ug/ml
22) T n-Tetracontane (C40)	21.660	2155662	22.987 ug/ml

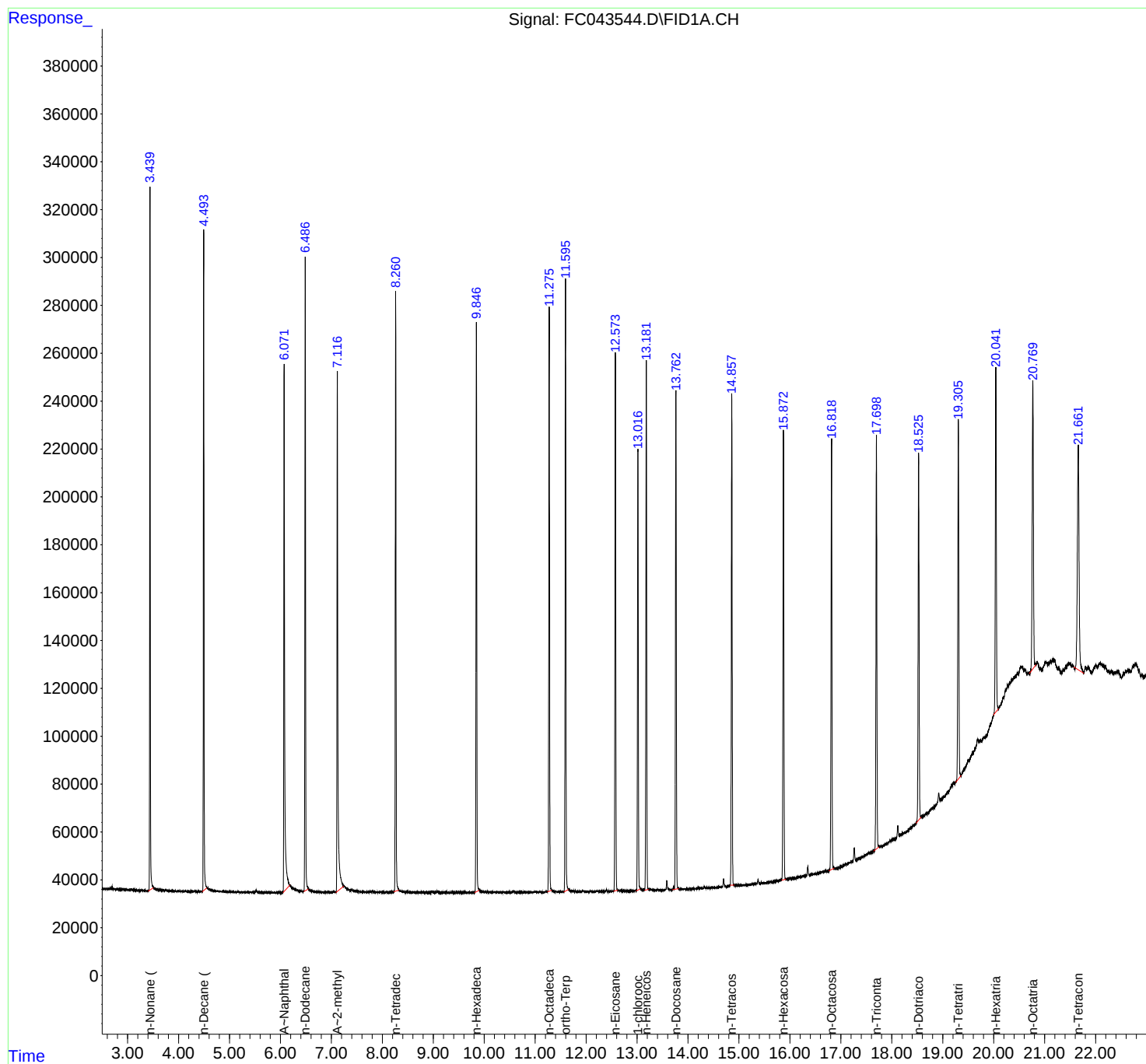
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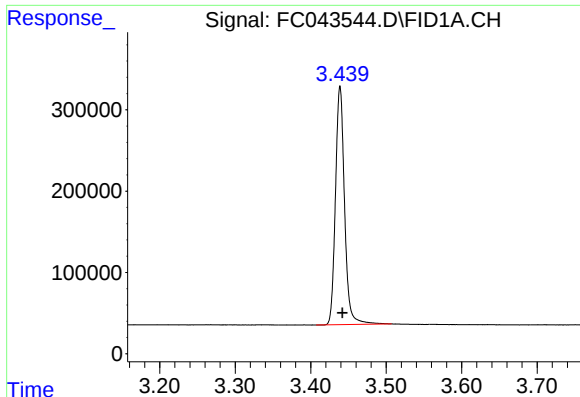
(m)=manual int.

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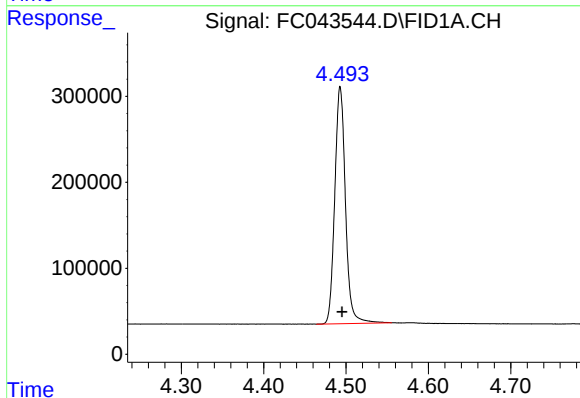
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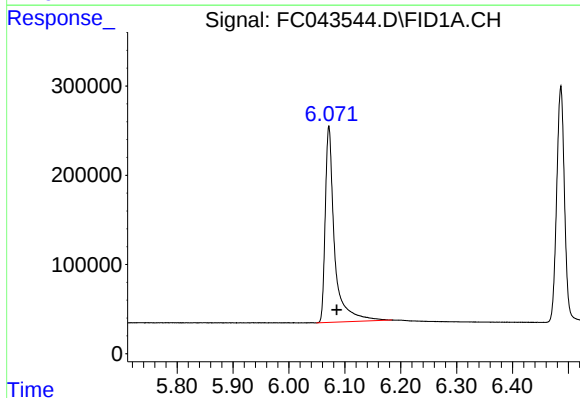
#1 n-Nonane (C9)

R.T.: 3.439 min
Delta R.T.: -0.003 min
Response: 2456725
Conc: 21.05 ug/ml



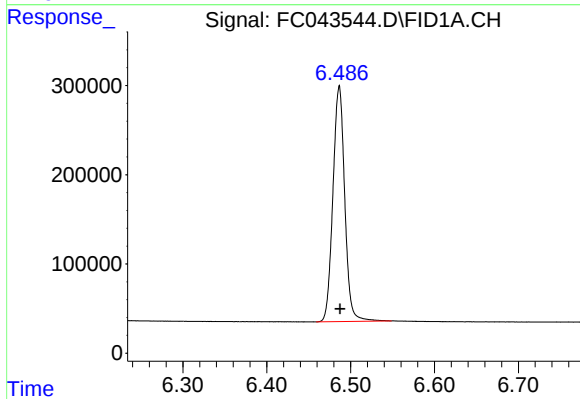
#2 n-Decane (C10)

R.T.: 4.493 min
Delta R.T.: -0.002 min
Response: 2489036
Conc: 21.37 ug/ml



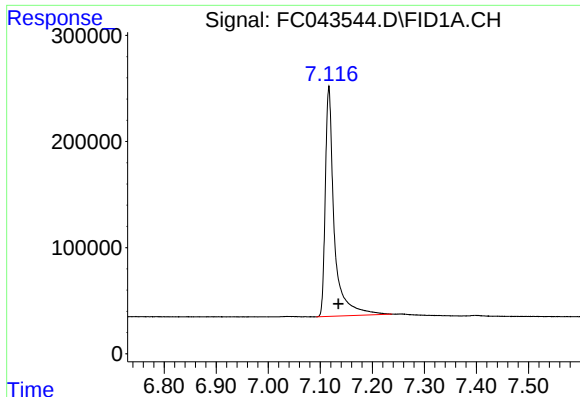
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: -0.014 min
Response: 2551256
Conc: 21.81 ug/ml



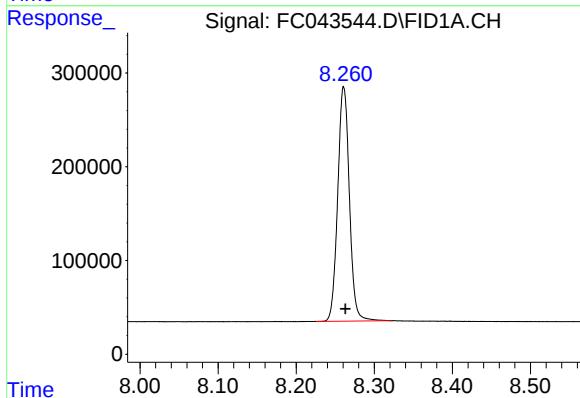
#4 n-Dodecane (C12)

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 2587092
Conc: 21.22 ug/ml



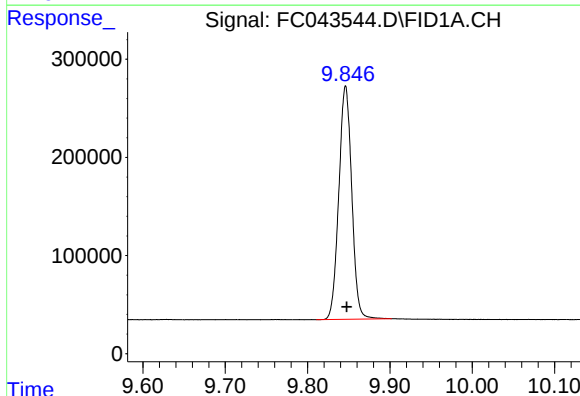
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.117 min
Delta R.T.: -0.018 min
Response: 2606550
Conc: 22.05 ug/ml



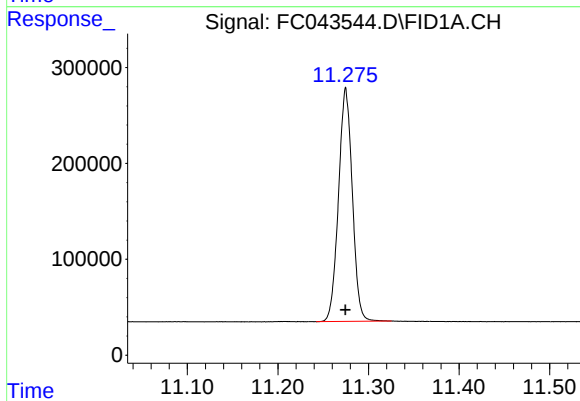
#6 n-Tetradecane (C14)

R.T.: 8.261 min
Delta R.T.: -0.002 min
Response: 2597922
Conc: 21.05 ug/ml



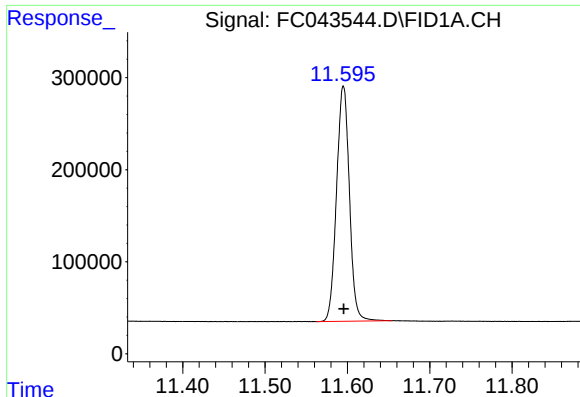
#7 n-Hexadecane (C16)

R.T.: 9.846 min
Delta R.T.: -0.001 min
Response: 2591718
Conc: 20.67 ug/ml



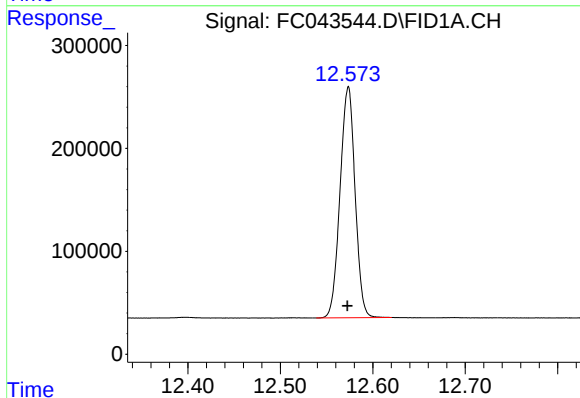
#8 n-Octadecane (C18)

R.T.: 11.275 min
Delta R.T.: 0.000 min
Response: 2575277
Conc: 19.97 ug/ml



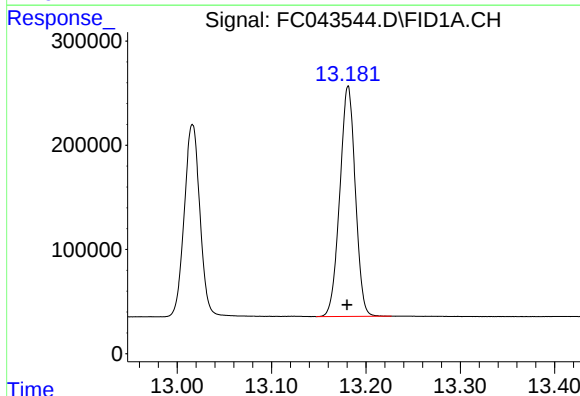
#9 ortho-Terphenyl (SURR)

R.T.: 11.595 min
Delta R.T.: 0.000 min
Response: 2776191
Conc: 19.45 ug/ml



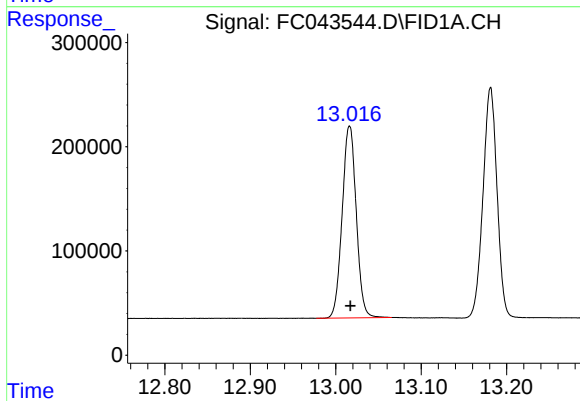
#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: 0.000 min
Response: 2537975
Conc: 19.38 ug/ml



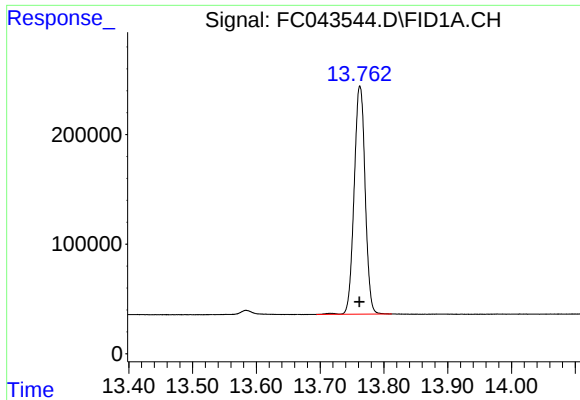
#11 n-Heneicosane (C21)

R.T.: 13.181 min
Delta R.T.: 0.001 min
Response: 2524541
Conc: 19.06 ug/ml



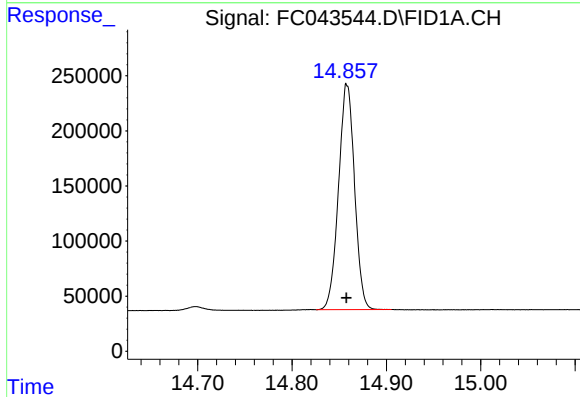
#12 1-chlorooctadecane (SURR)

R.T.: 13.016 min
Delta R.T.: 0.000 min
Response: 2110724
Conc: 19.06 ug/ml



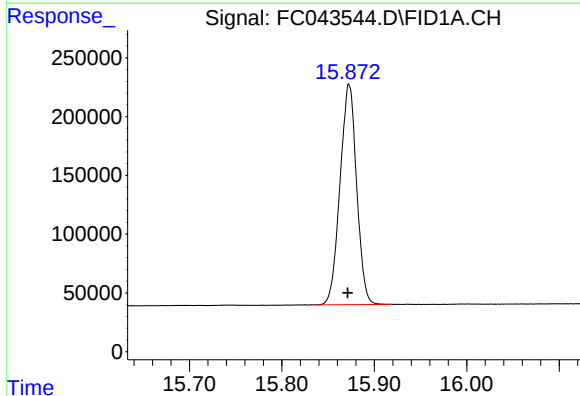
#13 n-Docosane (C22)

R.T.: 13.762 min
Delta R.T.: 0.000 min
Response: 2493187
Conc: 19.00 ug/ml



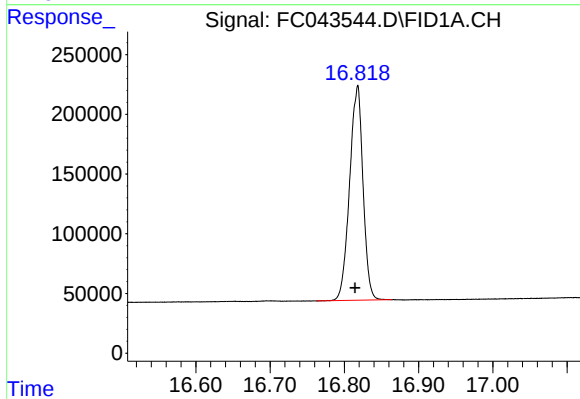
#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: 0.000 min
Response: 2417599
Conc: 18.41 ug/ml



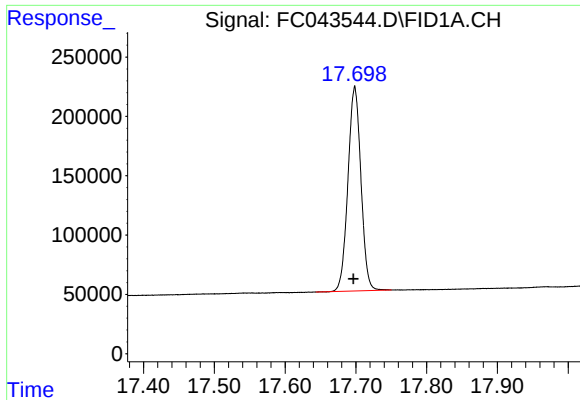
#15 n-Hexacosane (C26)

R.T.: 15.873 min
Delta R.T.: 0.001 min
Response: 2341448
Conc: 18.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.818 min
Delta R.T.: 0.003 min
Response: 2256550
Conc: 17.93 ug/ml



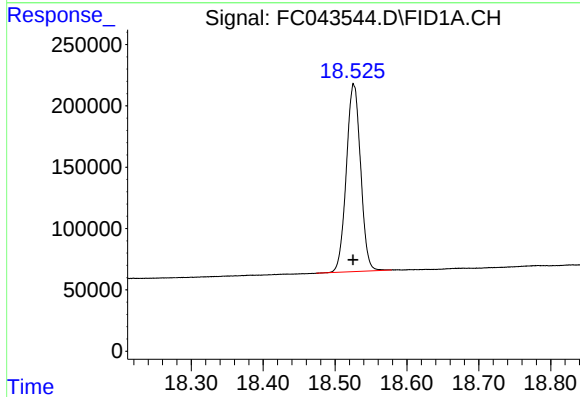
#17 n-Tricontane (C30)

R.T.: 17.698 min

Delta R.T.: 0.002 min

Response: 2191080

Conc: 17.85 ug/ml



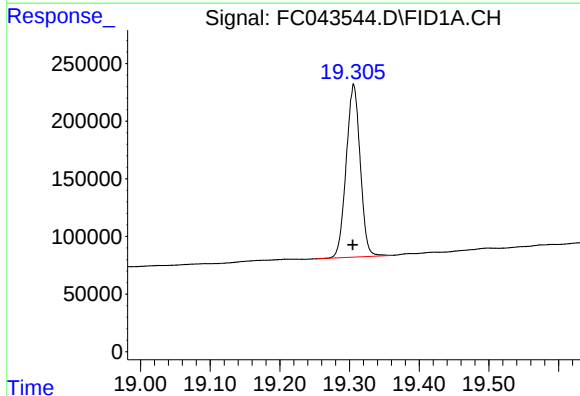
#18 n-Dotriacontane (C32)

R.T.: 18.526 min

Delta R.T.: 0.001 min

Response: 2104183

Conc: 18.26 ug/ml



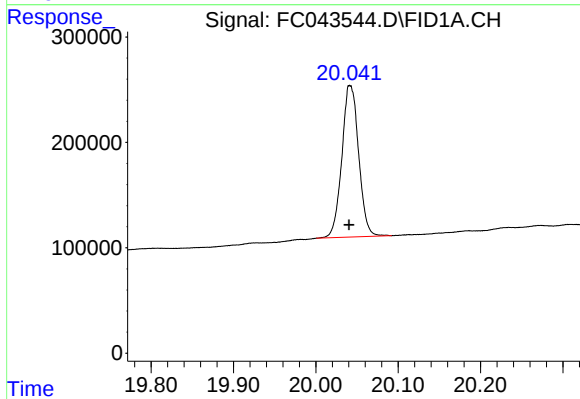
#19 n-Tetratriacontane (C34)

R.T.: 19.306 min

Delta R.T.: 0.001 min

Response: 2088298

Conc: 19.43 ug/ml



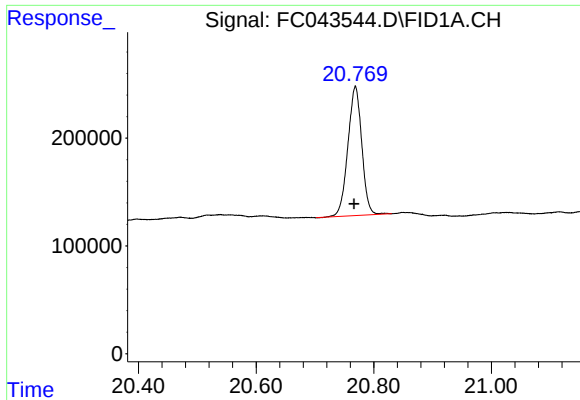
#20 n-Hexatriacontane (C36)

R.T.: 20.041 min

Delta R.T.: 0.001 min

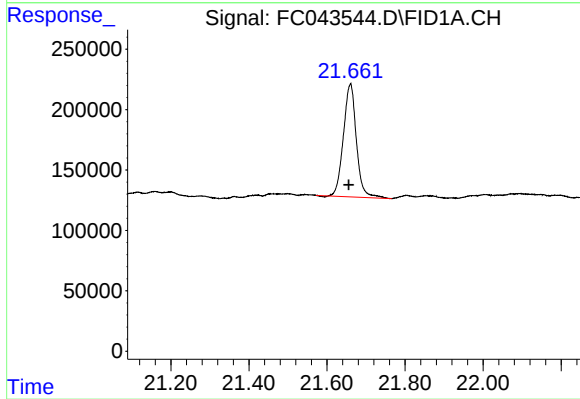
Response: 2042247

Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.769 min
Delta R.T.: 0.002 min
Response: 1968557
Conc: 21.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.660 min
Delta R.T.: 0.004 min
Response: 2155662
Conc: 22.99 ug/ml