

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC033122AL\
 Data File : FC058985.D
 Signal(s) : FID1A.CH
 Acq On : 31 Mar 2022 11:33
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 31 22:22:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 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)	11.098	2995776	20.792 ug/ml
Spiked Amount 50.000		Recovery =	41.58%
12) S 1-chlorooctadecane (S...	12.546	2290332	20.432 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
Target Compounds			
1) T n-Nonane (C9)	2.956	2606148	21.267 ug/ml
2) T n-Decane (C10)	3.998	2616602	21.352 ug/ml
3) T A~Naphthalene (C11.7)	5.545	2677145	21.323 ug/ml
4) T n-Dodecane (C12)	5.997	2714810	21.255 ug/ml
5) T A~2-methylnaphthalene...	6.594	2722631	21.238 ug/ml
6) T n-Tetradecane (C14)	7.781	2741966	21.089 ug/ml
7) T n-Hexadecane (C16)	9.373	2762174	20.801 ug/ml
8) T n-Octadecane (C18)	10.807	2766736	20.809 ug/ml
10) T n-Eicosane (C20)	12.108	2723317	20.785 ug/ml
11) T n-Heneicosane (C21)	12.717	2718035	20.831 ug/ml
13) T n-Docosane (C22)	13.300	2692522	20.785 ug/ml
14) T n-Tetracosane (C24)	14.399	2624349	20.775 ug/ml
15) T n-Hexacosane (C26)	15.414	2523673	20.893 ug/ml
16) T n-Octacosane (C28)	16.359	2486299	20.997 ug/ml
17) T n-Tricontane (C30)	17.243	2449458	21.472 ug/ml
18) T n-Dotriacontane (C32)	18.071	2358367	22.014 ug/ml
19) T n-Tetratriacontane (C34)	18.852	2215984	21.932 ug/ml
20) T n-Hexatriacontane (C36)	19.589	2073033	21.696 ug/ml
21) T n-Octatriacontane (C38)	20.287	1981321	21.532 ug/ml
22) T n-Tetracontane (C40)	21.029	1971083	21.208 ug/ml

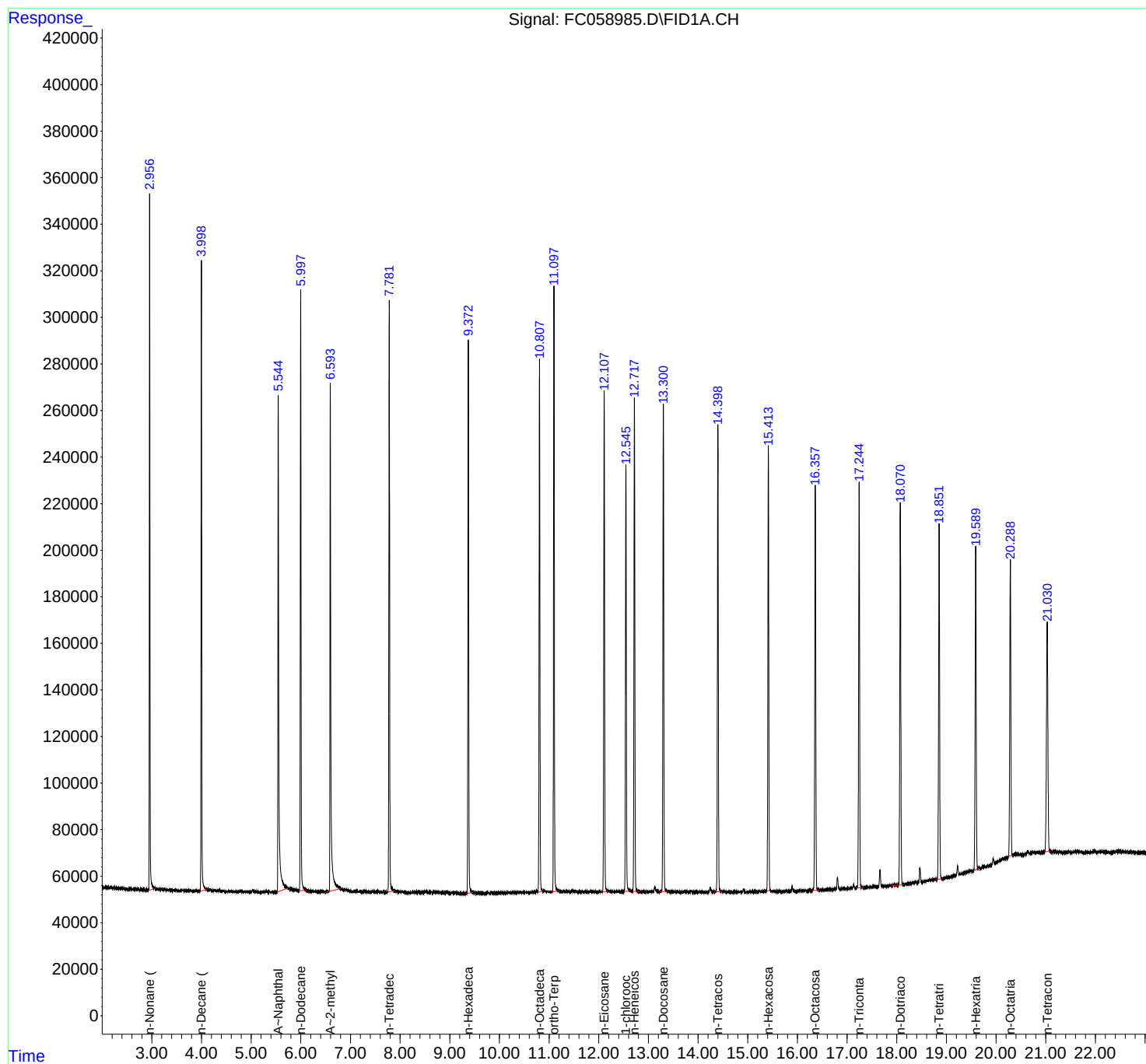
(f)=RT Delta > 1/2 Window

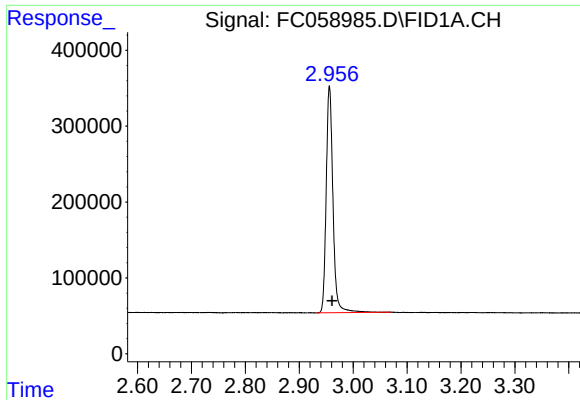
(m)=manual int.

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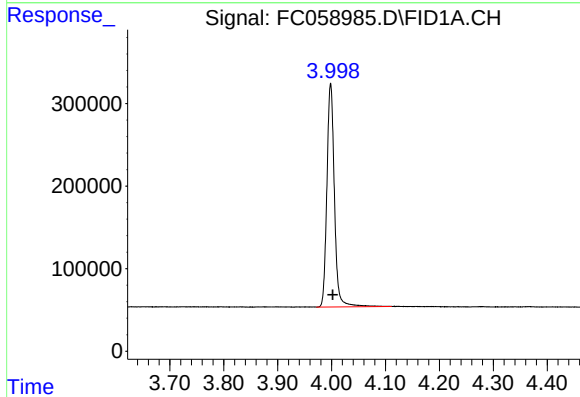
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Signal Info : 20M x 0.18mm x 0.18um





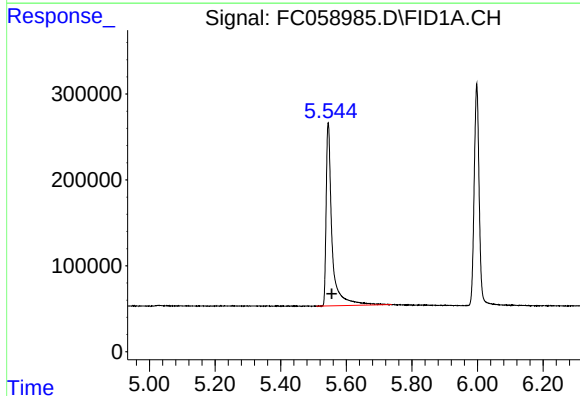
#1 n-Nonane (C9)

R.T.: 2.956 min
Delta R.T.: -0.005 min
Response: 2606148
Conc: 21.27 ug/ml



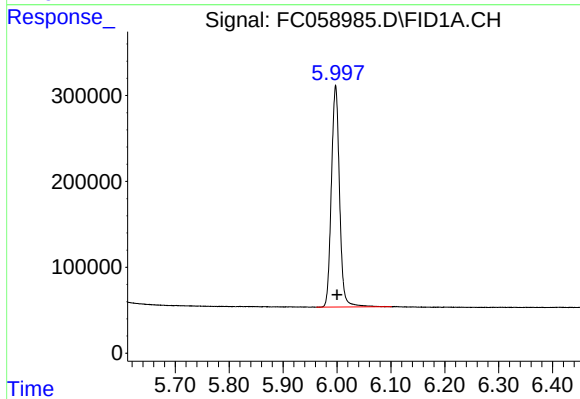
#2 n-Decane (C10)

R.T.: 3.998 min
Delta R.T.: -0.003 min
Response: 2616602
Conc: 21.35 ug/ml



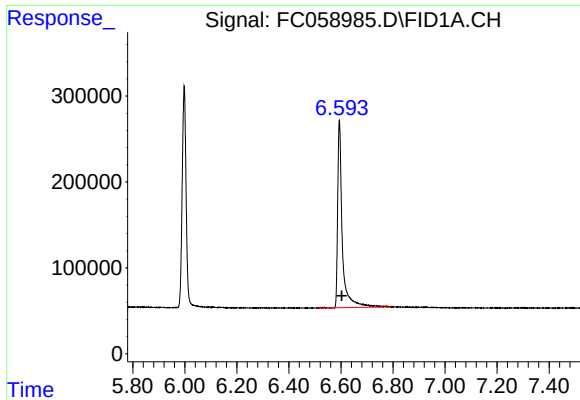
#3 A~Naphthalene (C11.7)

R.T.: 5.545 min
Delta R.T.: -0.010 min
Response: 2677145
Conc: 21.32 ug/ml



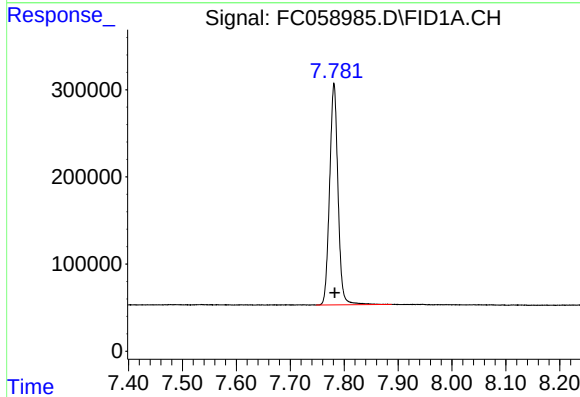
#4 n-Dodecane (C12)

R.T.: 5.997 min
Delta R.T.: -0.002 min
Response: 2714810
Conc: 21.25 ug/ml



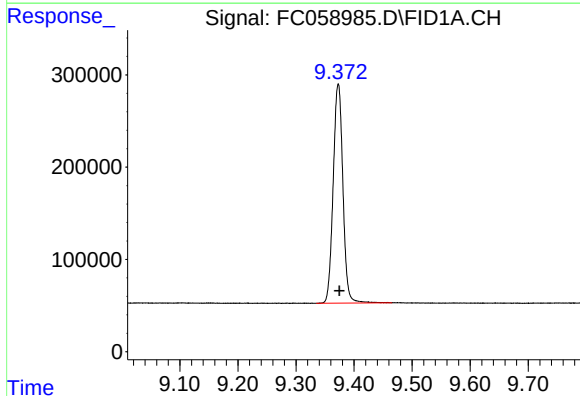
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.594 min
Delta R.T.: -0.008 min
Response: 2722631
Conc: 21.24 ug/ml



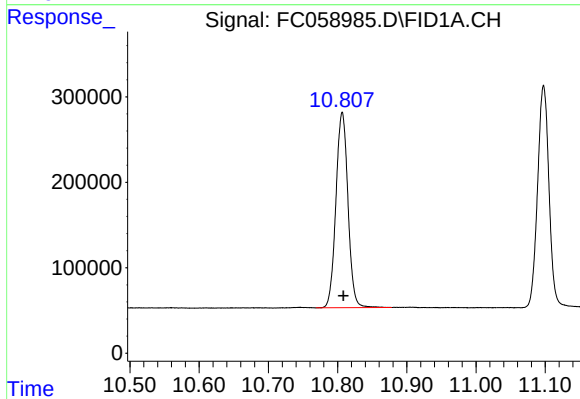
#6 n-Tetradecane (C14)

R.T.: 7.781 min
Delta R.T.: -0.001 min
Response: 2741966
Conc: 21.09 ug/ml



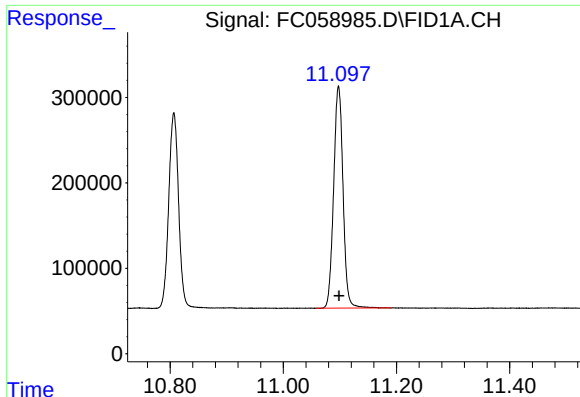
#7 n-Hexadecane (C16)

R.T.: 9.373 min
Delta R.T.: -0.002 min
Response: 2762174
Conc: 20.80 ug/ml



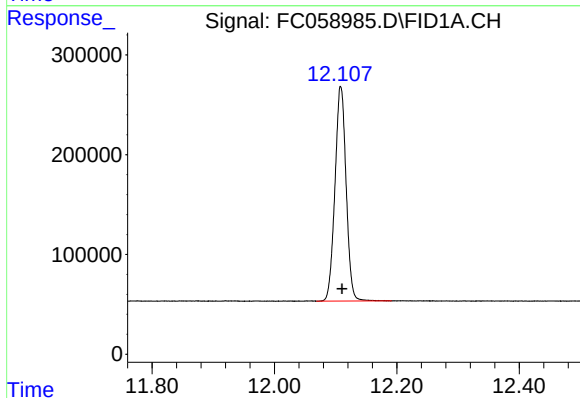
#8 n-Octadecane (C18)

R.T.: 10.807 min
Delta R.T.: -0.002 min
Response: 2766736
Conc: 20.81 ug/ml



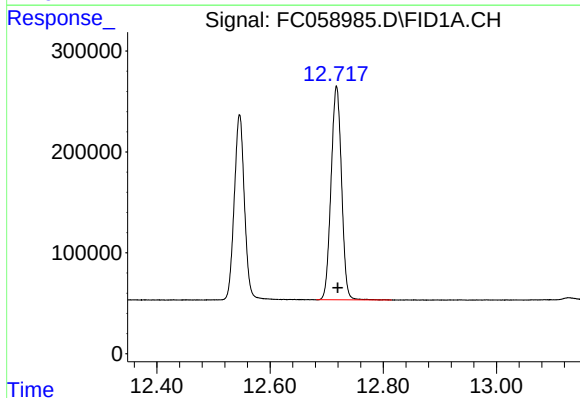
#9 ortho-Terphenyl (SURR)

R.T.: 11.098 min
Delta R.T.: -0.001 min
Response: 2995776
Conc: 20.79 ug/ml



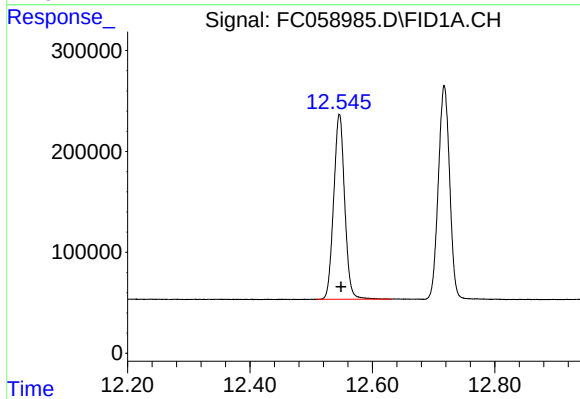
#10 n-Eicosane (C20)

R.T.: 12.108 min
Delta R.T.: -0.002 min
Response: 2723317
Conc: 20.78 ug/ml



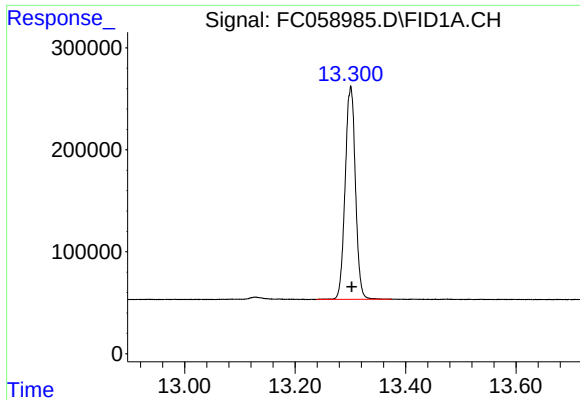
#11 n-Heneicosane (C21)

R.T.: 12.717 min
Delta R.T.: -0.002 min
Response: 2718035
Conc: 20.83 ug/ml



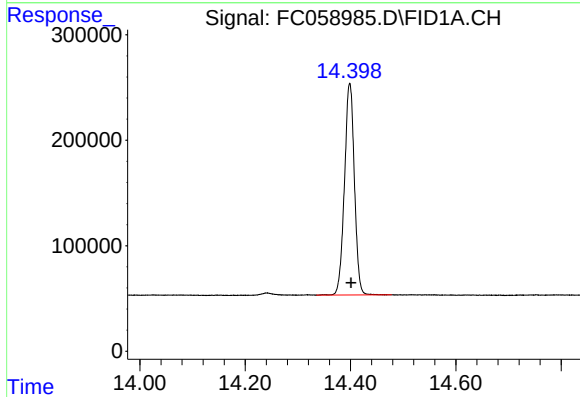
#12 1-chlorooctadecane (SURR)

R.T.: 12.546 min
Delta R.T.: -0.002 min
Response: 2290332
Conc: 20.43 ug/ml



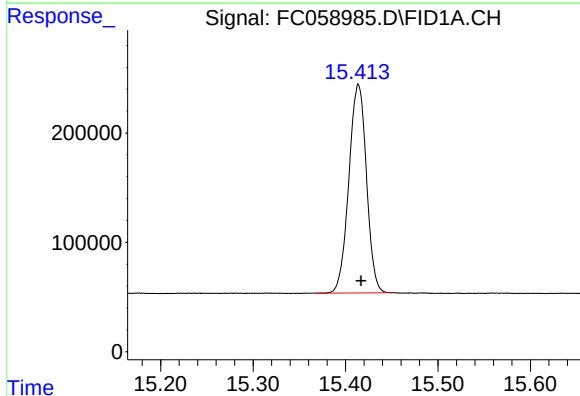
#13 n-Docosane (C22)

R.T.: 13.300 min
Delta R.T.: -0.002 min
Response: 2692522
Conc: 20.78 ug/ml



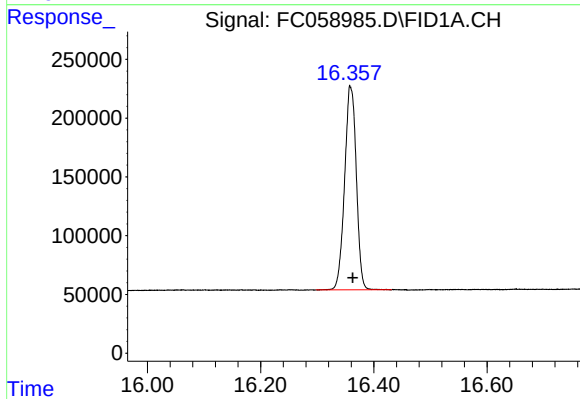
#14 n-Tetracosane (C24)

R.T.: 14.399 min
Delta R.T.: -0.003 min
Response: 2624349
Conc: 20.77 ug/ml



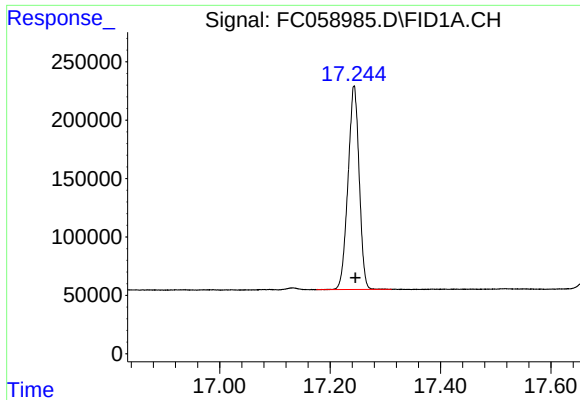
#15 n-Hexacosane (C26)

R.T.: 15.414 min
Delta R.T.: -0.003 min
Response: 2523673
Conc: 20.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.359 min
Delta R.T.: -0.003 min
Response: 2486299
Conc: 21.00 ug/ml



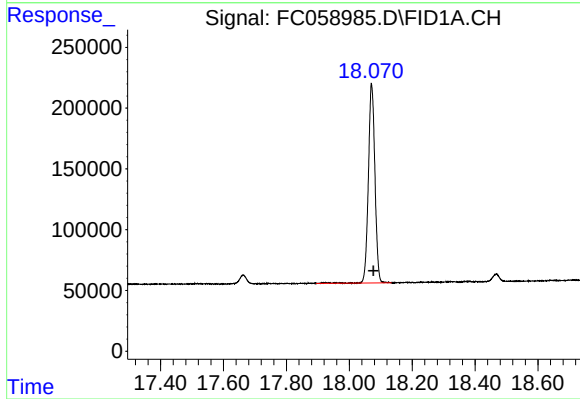
#17 n-Tricontane (C30)

R.T.: 17.243 min

Delta R.T.: -0.003 min

Response: 2449458

Conc: 21.47 ug/ml



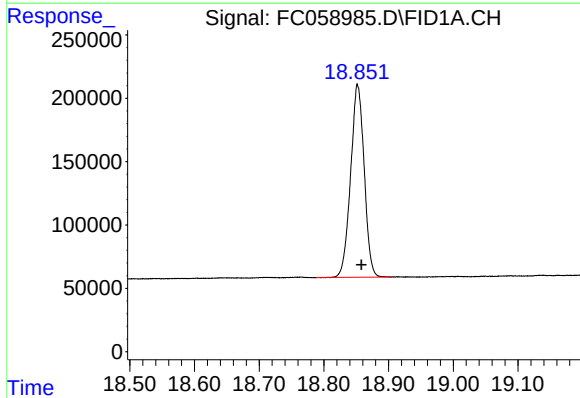
#18 n-Dotriacontane (C32)

R.T.: 18.071 min

Delta R.T.: -0.005 min

Response: 2358367

Conc: 22.01 ug/ml



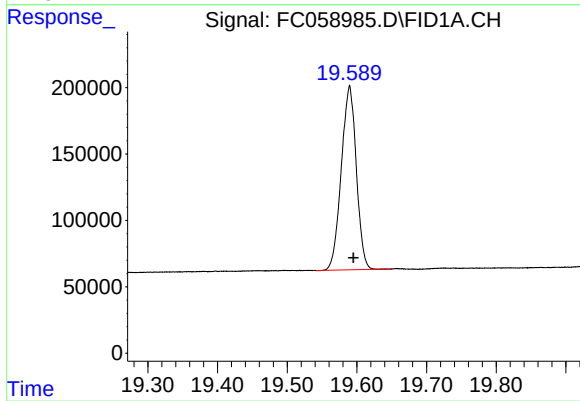
#19 n-Tetratriacontane (C34)

R.T.: 18.852 min

Delta R.T.: -0.006 min

Response: 2215984

Conc: 21.93 ug/ml



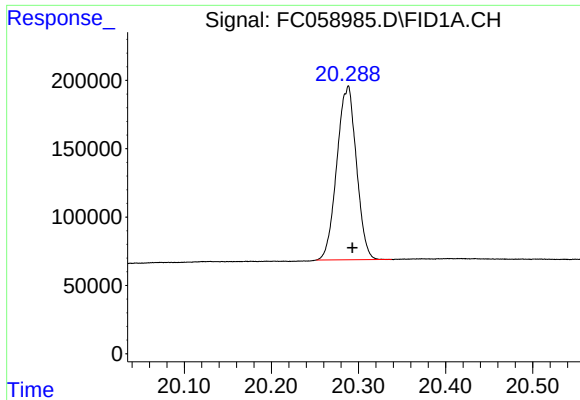
#20 n-Hexatriacontane (C36)

R.T.: 19.589 min

Delta R.T.: -0.005 min

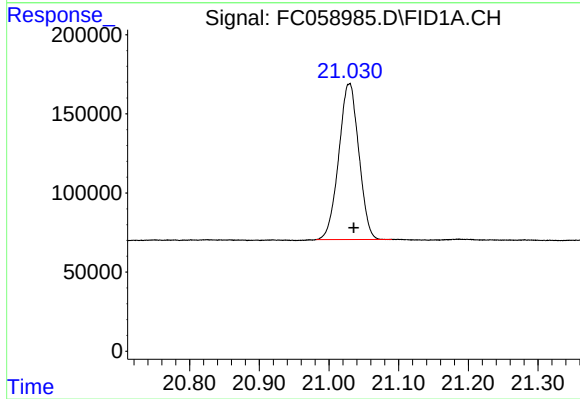
Response: 2073033

Conc: 21.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.287 min
Delta R.T.: -0.006 min
Response: 1981321
Conc: 21.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.029 min
Delta R.T.: -0.007 min
Response: 1971083
Conc: 21.21 ug/ml