

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071520AL\
 Data File : FC048450.D
 Signal(s) : FID1A.CH
 Acq On : 16 Jul 2020 1:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 02:06:41 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.681	2791092	20.336 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
12) S 1-chlorooctadecane (S...	13.113	2244211	19.915 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
Target Compounds			
1) T n-Nonane (C9)	3.415	2559829	21.474 ug/ml
2) T n-Decane (C10)	4.488	2616406	21.737 ug/ml
3) T A~Naphthalene (C11.7)	6.084	2949340	21.917 ug/ml
4) T n-Dodecane (C12)	6.514	2658783	21.732 ug/ml
5) T A~2-methylnaphthalene...	7.144	3012408	21.856 ug/ml
6) T n-Tetradecane (C14)	8.312	2643499	21.459 ug/ml
7) T n-Hexadecane (C16)	9.915	2593413	21.186 ug/ml
8) T n-Octadecane (C18)	11.358	2661660	20.797 ug/ml
10) T n-Eicosane (C20)	12.669	2630094	20.335 ug/ml
11) T n-Heneicosane (C21)	13.280	2591553	19.993 ug/ml
13) T n-Docosane (C22)	13.867	2570001	19.794 ug/ml
14) T n-Tetracosane (C24)	14.970	2509295	19.142 ug/ml
15) T n-Hexacosane (C26)	15.990	2393876	18.410 ug/ml
16) T n-Octacosane (C28)	16.939	2313272	17.704 ug/ml
17) T n-Tricontane (C30)	17.826	2201592	17.125 ug/ml
18) T n-Dotriacontane (C32)	18.656	1997913	16.911 ug/ml
19) T n-Tetratriacontane (C34)	19.438	1837923	16.466 ug/ml
20) T n-Hexatriacontane (C36)	20.176	1745732	16.598 ug/ml
21) T n-Octatriacontane (C38)	20.934	1714007	17.459 ug/ml
22) T n-Tetracontane (C40)	21.889	1947723	20.043 ug/ml

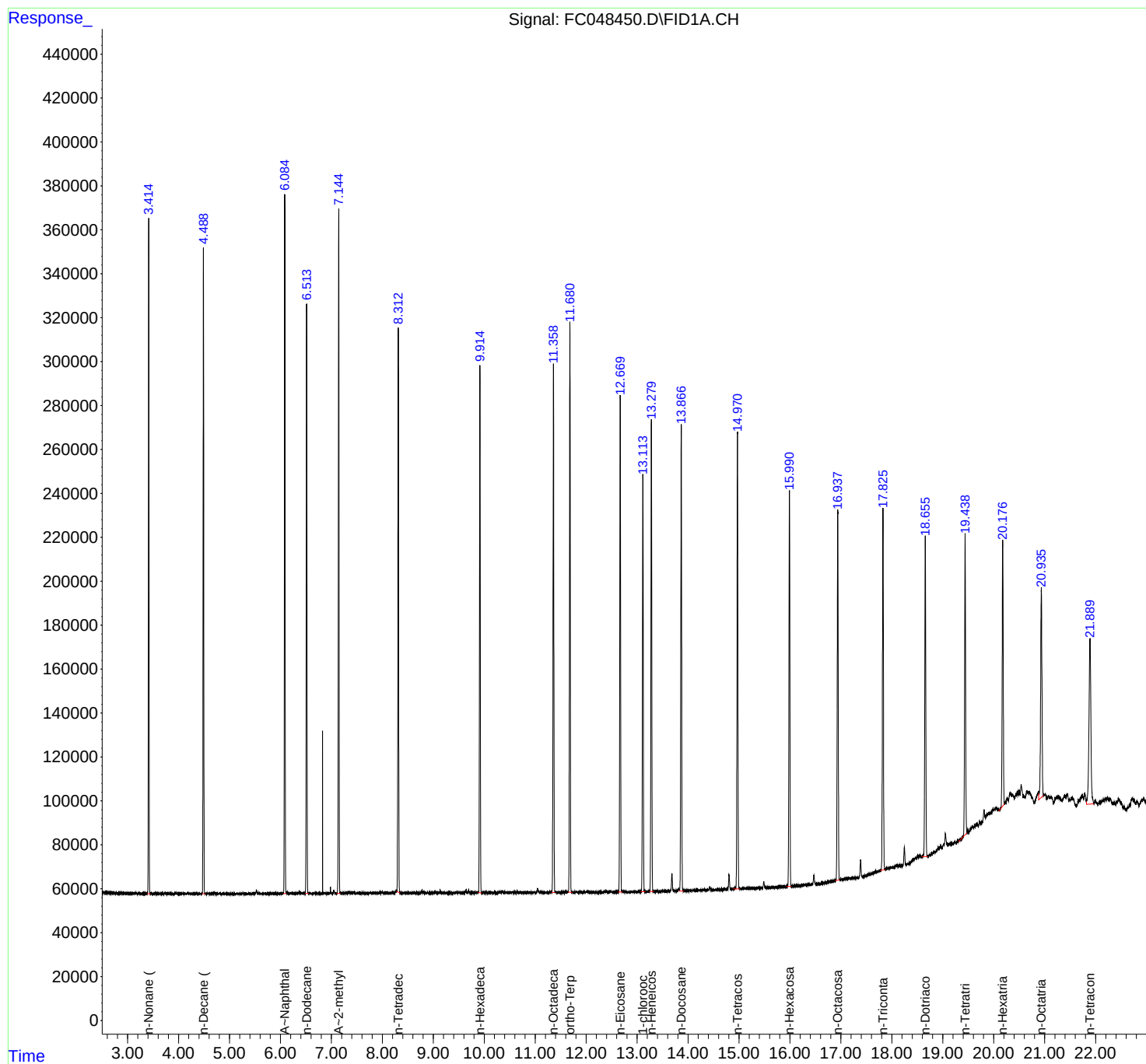
(f)=RT Delta > 1/2 Window

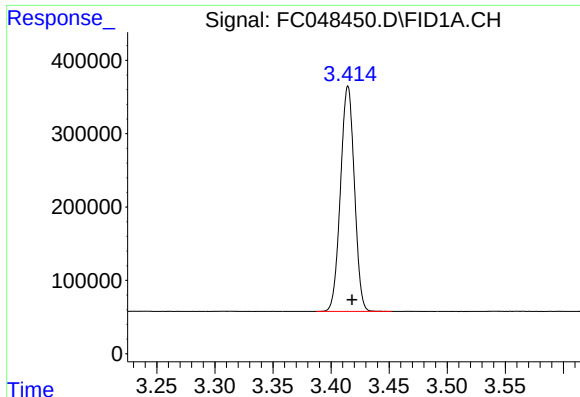
(m)=manual int.

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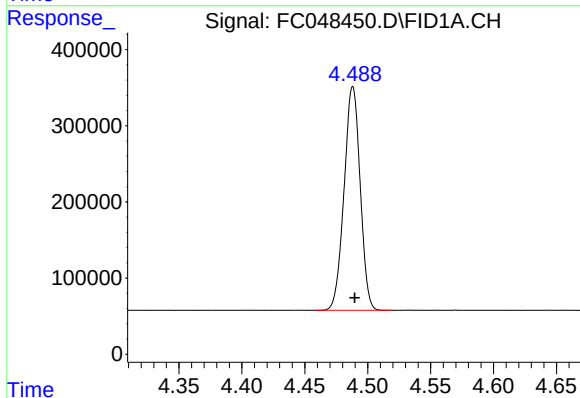
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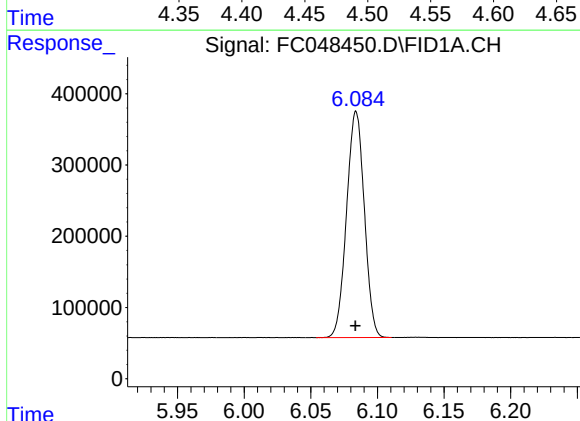
#1 n-Nonane (C9)

R.T.: 3.415 min
Delta R.T.: -0.003 min
Response: 2559829
Conc: 21.47 ug/ml



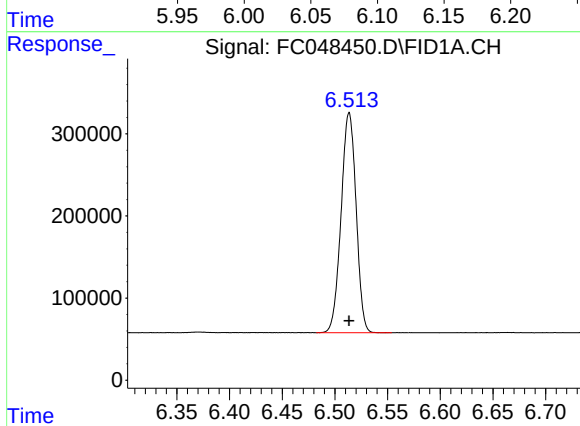
#2 n-Decane (C10)

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 2616406
Conc: 21.74 ug/ml



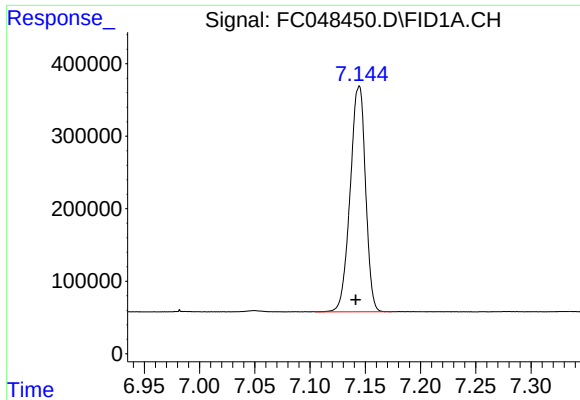
#3 A~Naphthalene (C11.7)

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 2949340
Conc: 21.92 ug/ml



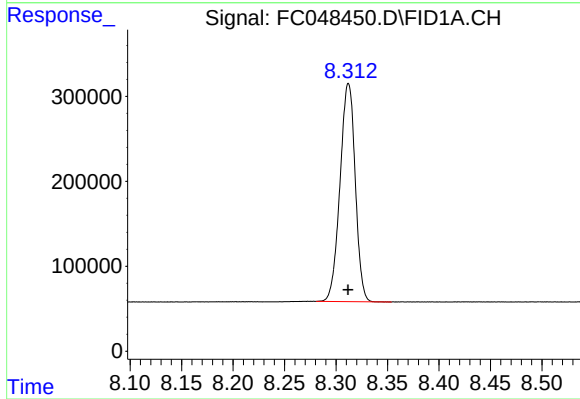
#4 n-Dodecane (C12)

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 2658783
Conc: 21.73 ug/ml



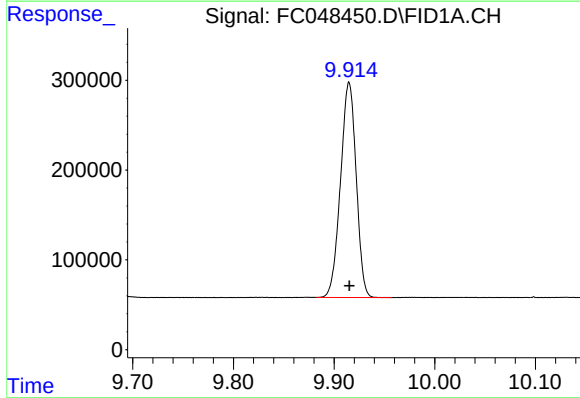
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.144 min
Delta R.T.: 0.003 min
Response: 3012408
Conc: 21.86 ug/ml



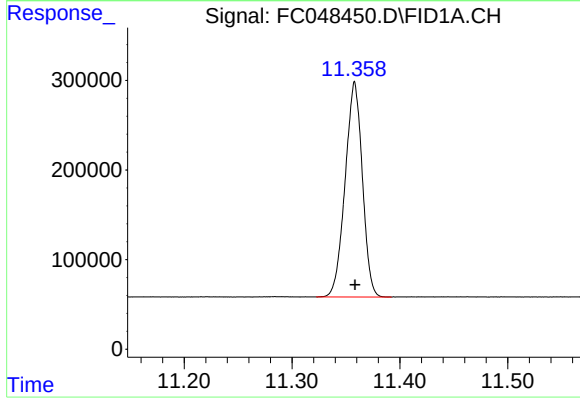
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 2643499
Conc: 21.46 ug/ml



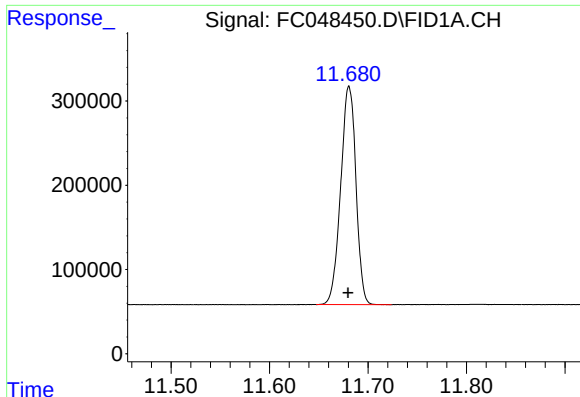
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.000 min
Response: 2593413
Conc: 21.19 ug/ml



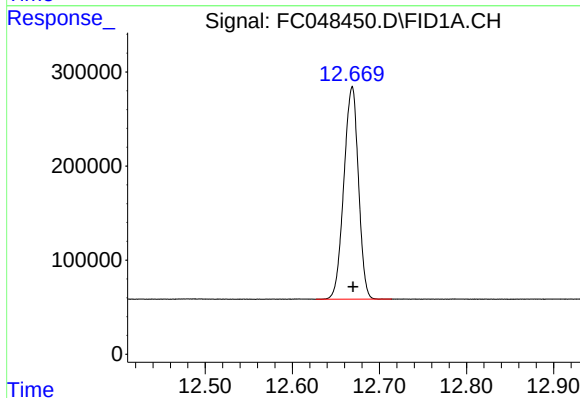
#8 n-Octadecane (C18)

R.T.: 11.358 min
Delta R.T.: 0.000 min
Response: 2661660
Conc: 20.80 ug/ml



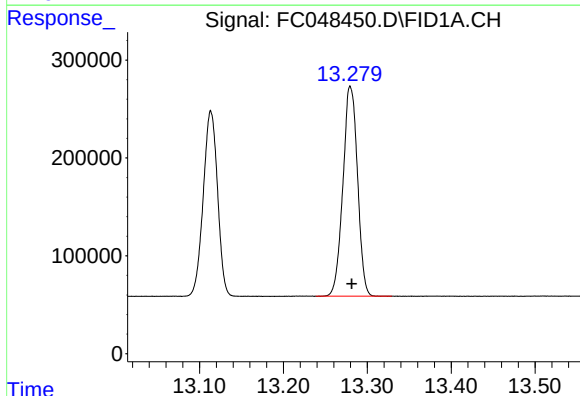
#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: 0.001 min
Response: 2791092
Conc: 20.34 ug/ml



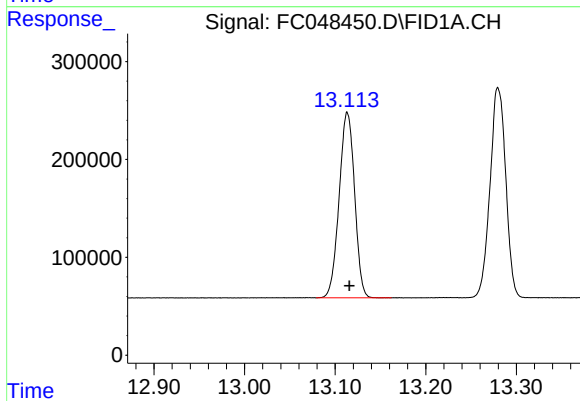
#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: 0.000 min
Response: 2630094
Conc: 20.34 ug/ml



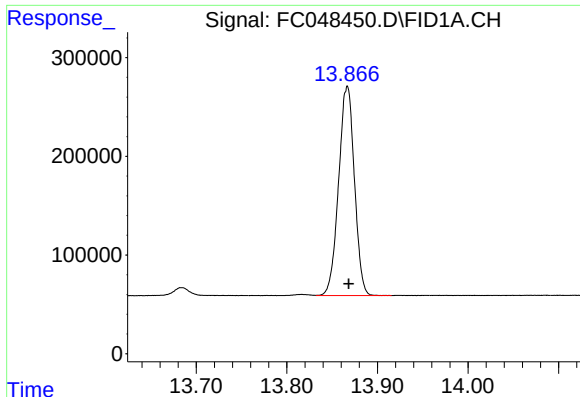
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: -0.002 min
Response: 2591553
Conc: 19.99 ug/ml



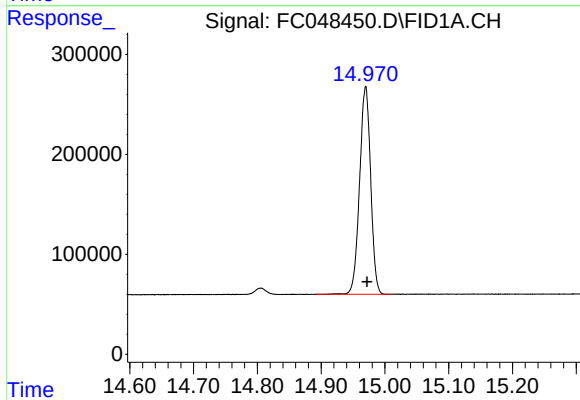
#12 1-chlorooctadecane (SURR)

R.T.: 13.113 min
Delta R.T.: -0.002 min
Response: 2244211
Conc: 19.92 ug/ml



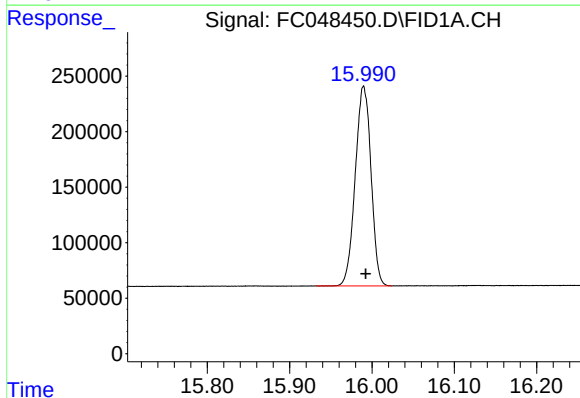
#13 n-Docosane (C22)

R.T.: 13.867 min
Delta R.T.: -0.002 min
Response: 2570001
Conc: 19.79 ug/ml



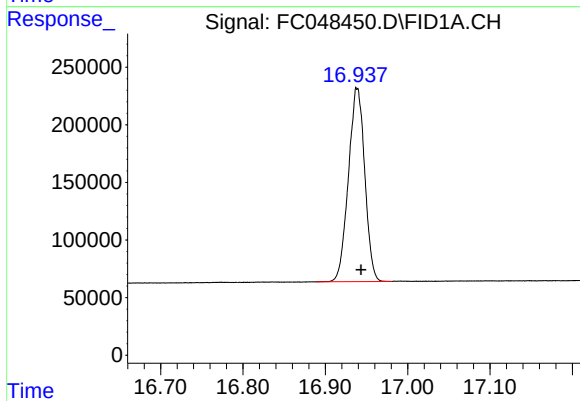
#14 n-Tetracosane (C24)

R.T.: 14.970 min
Delta R.T.: -0.002 min
Response: 2509295
Conc: 19.14 ug/ml



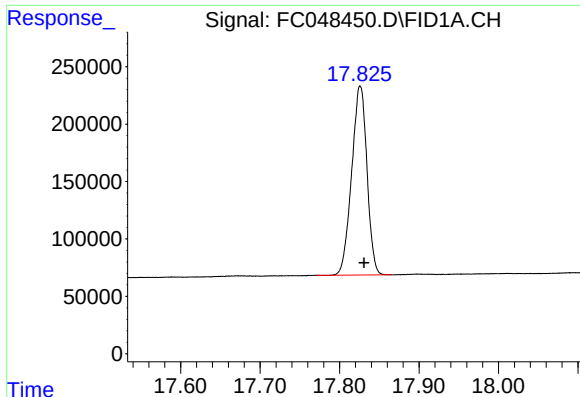
#15 n-Hexacosane (C26)

R.T.: 15.990 min
Delta R.T.: -0.003 min
Response: 2393876
Conc: 18.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.939 min
Delta R.T.: -0.005 min
Response: 2313272
Conc: 17.70 ug/ml



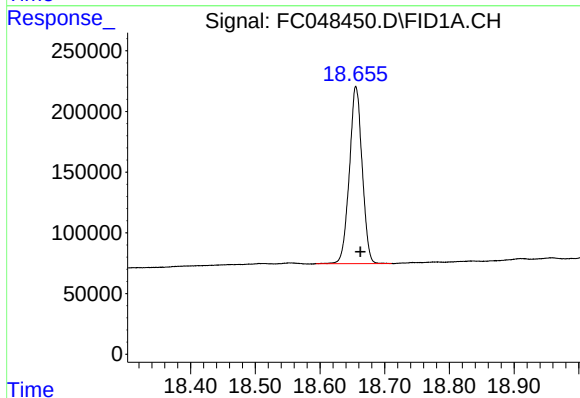
#17 n-Tricontane (C30)

R.T.: 17.826 min

Delta R.T.: -0.005 min

Response: 2201592

Conc: 17.13 ug/ml



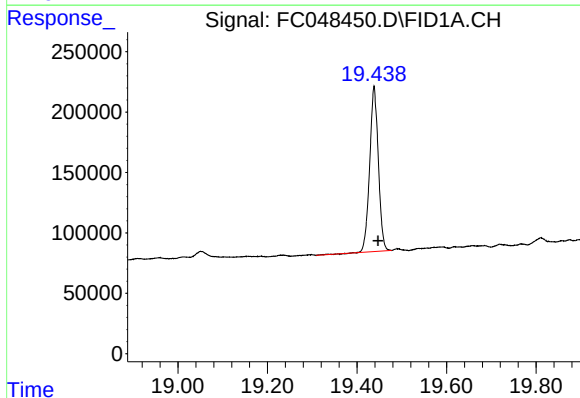
#18 n-Dotriacontane (C32)

R.T.: 18.656 min

Delta R.T.: -0.007 min

Response: 1997913

Conc: 16.91 ug/ml



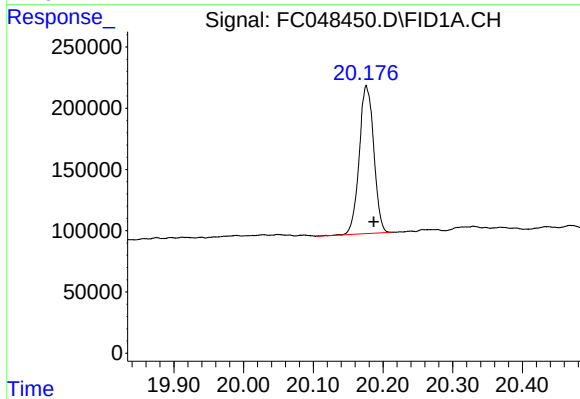
#19 n-Tetratriacontane (C34)

R.T.: 19.438 min

Delta R.T.: -0.009 min

Response: 1837923

Conc: 16.47 ug/ml



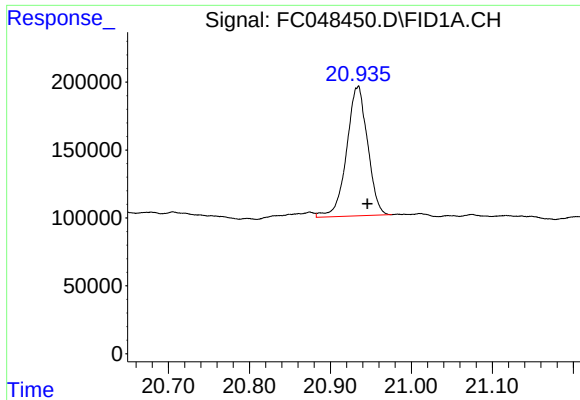
#20 n-Hexatriacontane (C36)

R.T.: 20.176 min

Delta R.T.: -0.011 min

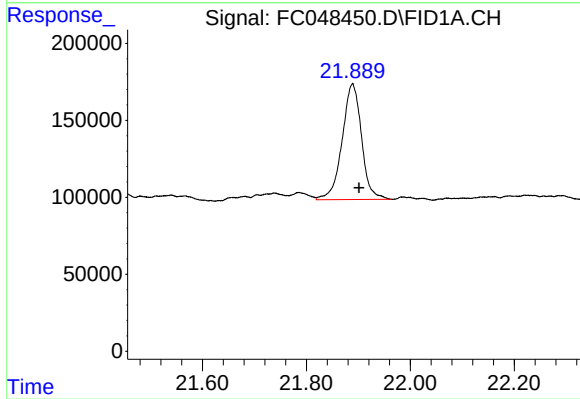
Response: 1745732

Conc: 16.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.934 min
Delta R.T.: -0.012 min
Response: 1714007
Conc: 17.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.889 min
Delta R.T.: -0.013 min
Response: 1947723
Conc: 20.04 ug/ml