

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042922AL\
 Data File : FC059565.D
 Signal(s) : FID1A.CH
 Acq On : 30 Apr 2022 7:39
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 30 08:07:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 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)	11.092	3136892	19.521 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
12) S 1-chlorooctadecane (S...	12.539	2450728	18.768 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
Target Compounds			
1) T n-Nonane (C9)	2.958	2659393	21.219 ug/ml
2) T n-Decane (C10)	3.998	2714637	21.729 ug/ml
3) T A~Naphthalene (C11.7)	5.548	2782670	22.685 ug/ml
4) T n-Dodecane (C12)	5.995	2845185	21.576 ug/ml
5) T A~2-methylnaphthalene...	6.595	2796150	22.156 ug/ml
6) T n-Tetradecane (C14)	7.777	2895867	21.409 ug/ml
7) T n-Hexadecane (C16)	9.367	2951264	21.014 ug/ml
8) T n-Octadecane (C18)	10.800	2958112	20.250 ug/ml
10) T n-Eicosane (C20)	12.101	2894153	19.298 ug/ml
11) T n-Heneicosane (C21)	12.709	2863044	18.822 ug/ml
13) T n-Docosane (C22)	13.293	2852742	18.618 ug/ml
14) T n-Tetracosane (C24)	14.390	2749711	17.758 ug/ml
15) T n-Hexacosane (C26)	15.407	2625473	17.035 ug/ml
16) T n-Octacosane (C28)	16.352	2594648	16.761 ug/ml
17) T n-Tricontane (C30)	17.235	2597675	17.103 ug/ml
18) T n-Dotriacontane (C32)	18.065	2481165	17.609 ug/ml
19) T n-Tetratriacontane (C34)	18.845	2214967	17.525 ug/ml
20) T n-Hexatriacontane (C36)	19.582	1992926	18.221 ug/ml
21) T n-Octatriacontane (C38)	20.279	1870575	20.085 ug/mlm
22) T n-Tetracontane (C40)	21.018	2039666	24.419 ug/mlm

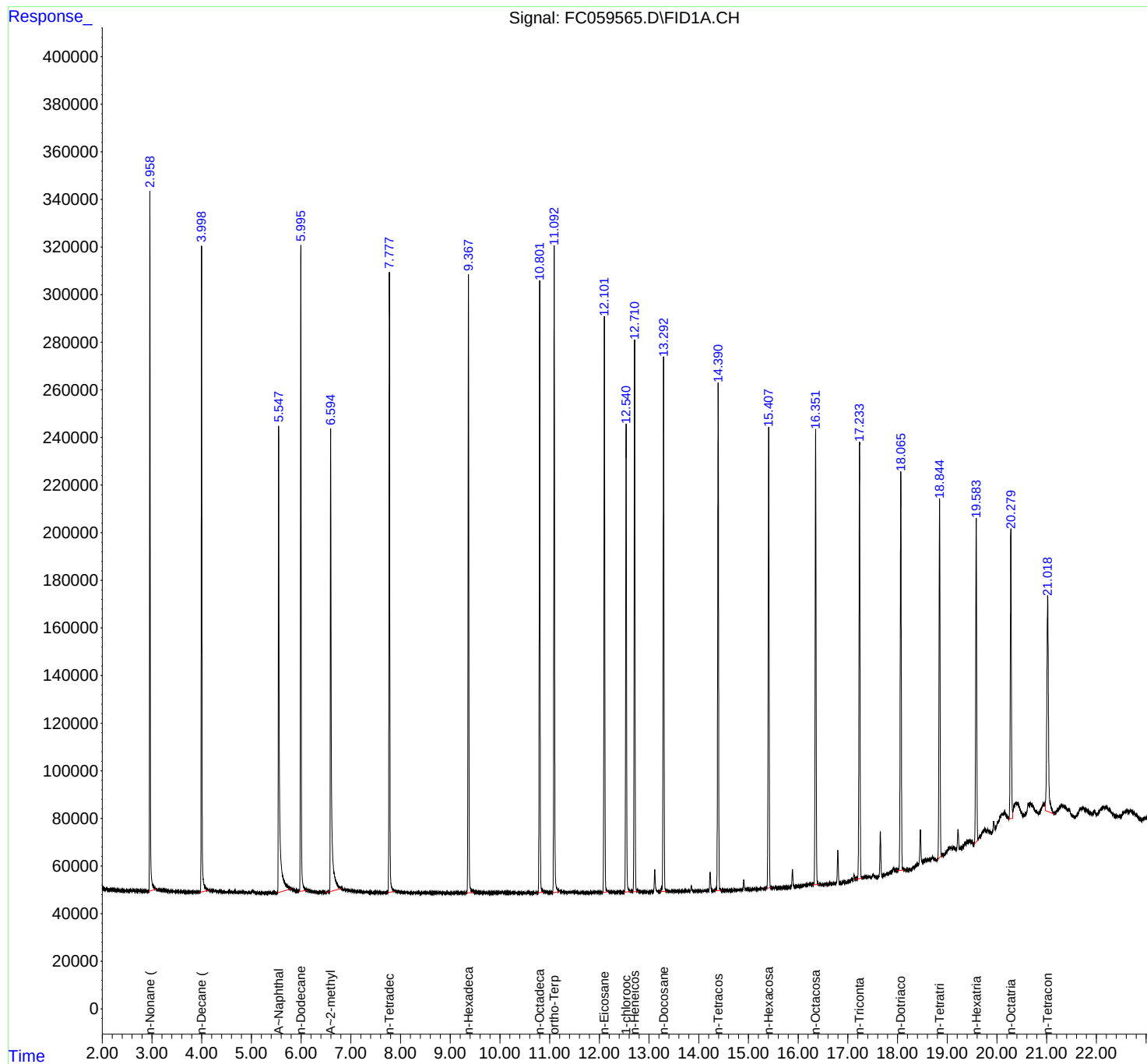
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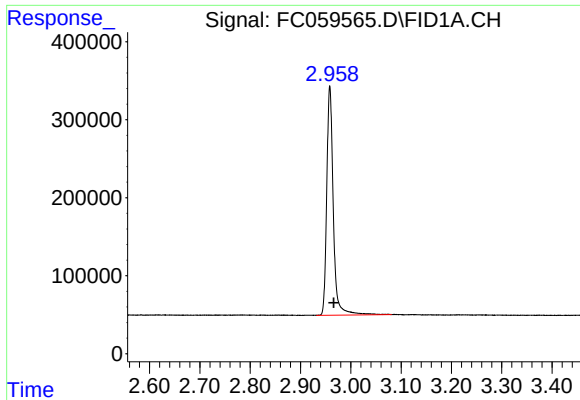
(m)=manual int.

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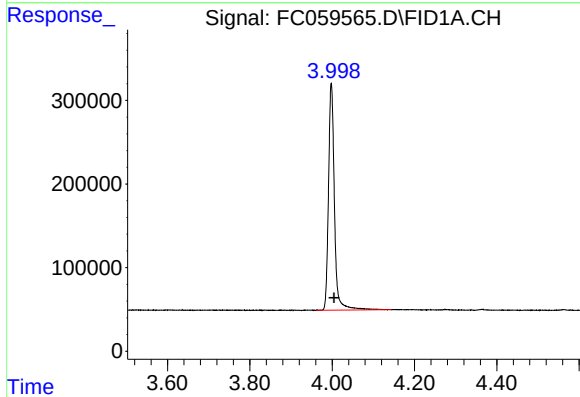
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Signal Info : 20M x 0.18mm x 0.18um





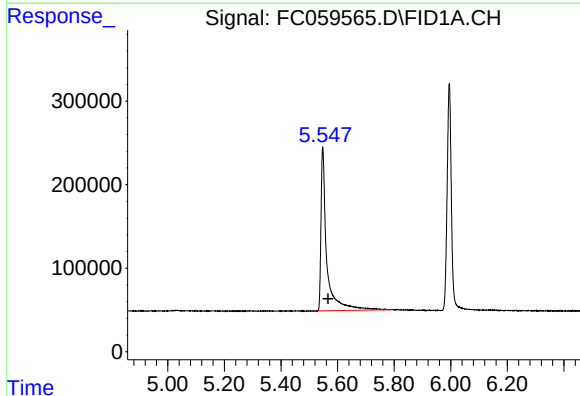
#1 n-Nonane (C9)

R.T.: 2.958 min
Delta R.T.: -0.008 min
Response: 2659393
Conc: 21.22 ug/ml



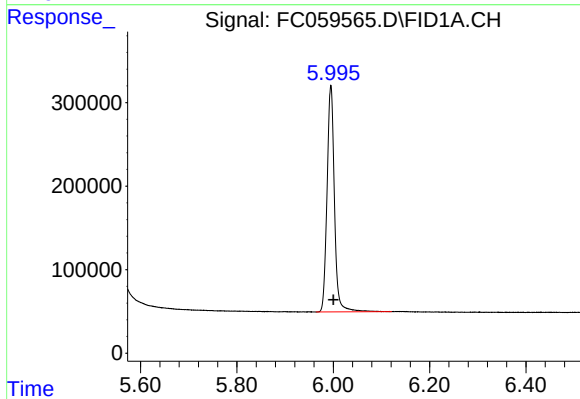
#2 n-Decane (C10)

R.T.: 3.998 min
Delta R.T.: -0.007 min
Response: 2714637
Conc: 21.73 ug/ml



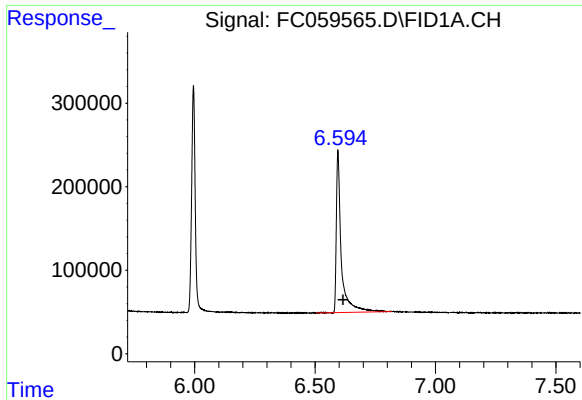
#3 A~Naphthalene (C11.7)

R.T.: 5.548 min
Delta R.T.: -0.019 min
Response: 2782670
Conc: 22.68 ug/ml



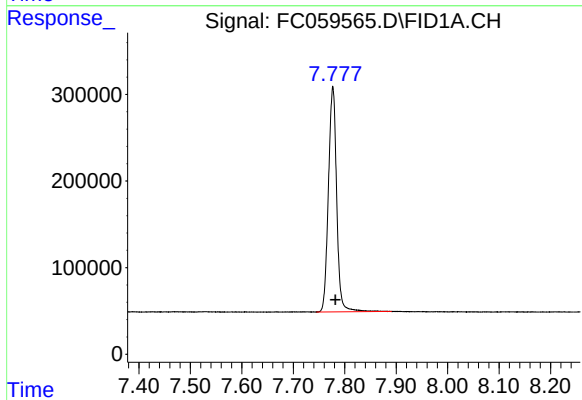
#4 n-Dodecane (C12)

R.T.: 5.995 min
Delta R.T.: -0.006 min
Response: 2845185
Conc: 21.58 ug/ml



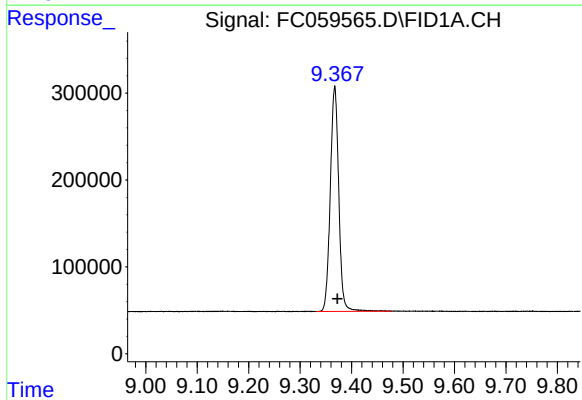
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.595 min
Delta R.T.: -0.020 min
Response: 2796150
Conc: 22.16 ug/ml



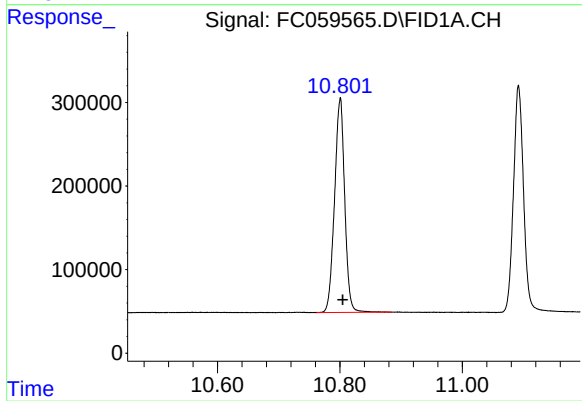
#6 n-Tetradecane (C14)

R.T.: 7.777 min
Delta R.T.: -0.005 min
Response: 2895867
Conc: 21.41 ug/ml



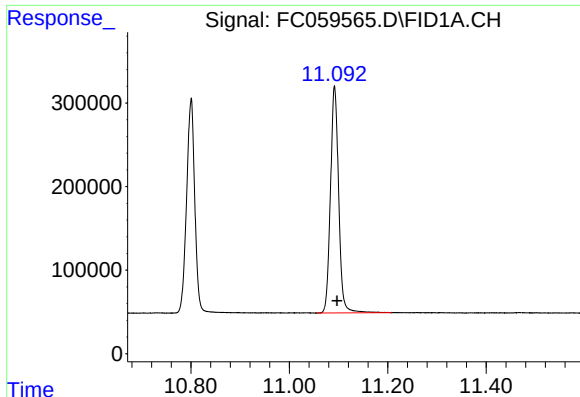
#7 n-Hexadecane (C16)

R.T.: 9.367 min
Delta R.T.: -0.005 min
Response: 2951264
Conc: 21.01 ug/ml



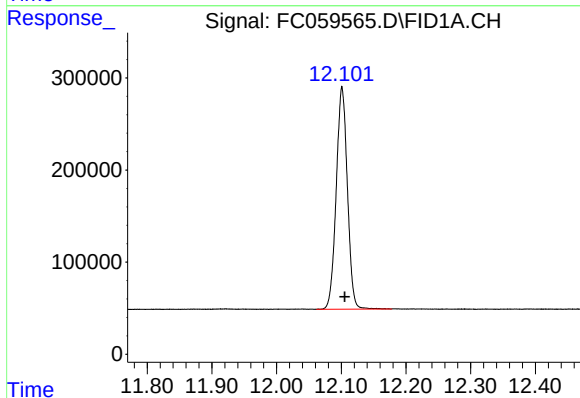
#8 n-Octadecane (C18)

R.T.: 10.800 min
Delta R.T.: -0.004 min
Response: 2958112
Conc: 20.25 ug/ml



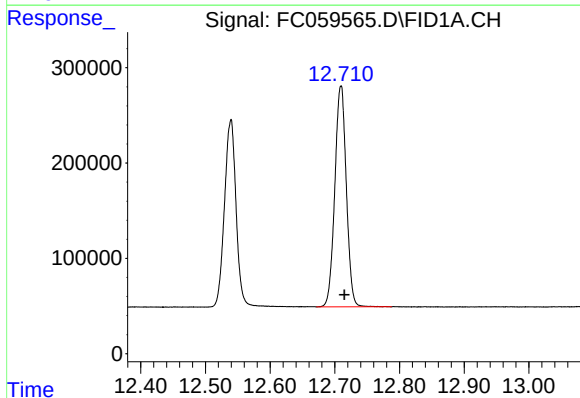
#9 ortho-Terphenyl (SURR)

R.T.: 11.092 min
Delta R.T.: -0.005 min
Response: 3136892
Conc: 19.52 ug/ml



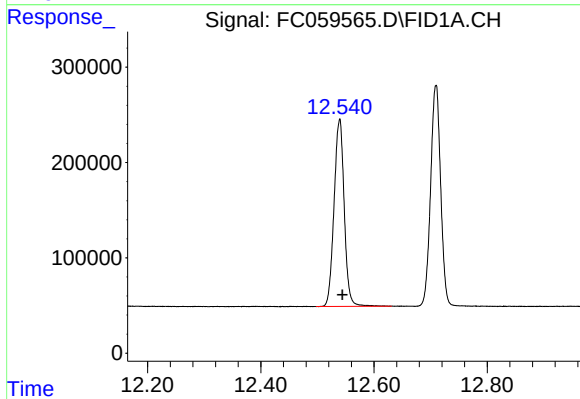
#10 n-Eicosane (C20)

R.T.: 12.101 min
Delta R.T.: -0.004 min
Response: 2894153
Conc: 19.30 ug/ml



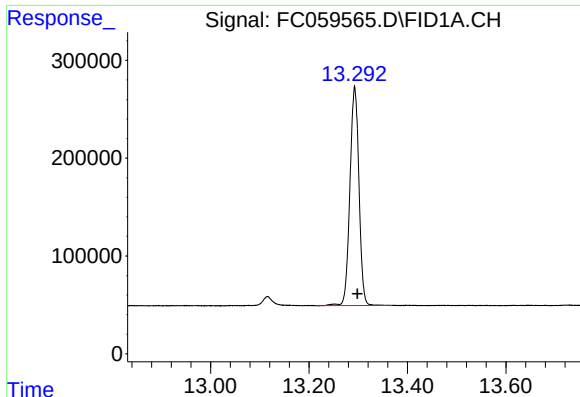
#11 n-Heneicosane (C21)

R.T.: 12.709 min
Delta R.T.: -0.005 min
Response: 2863044
Conc: 18.82 ug/ml



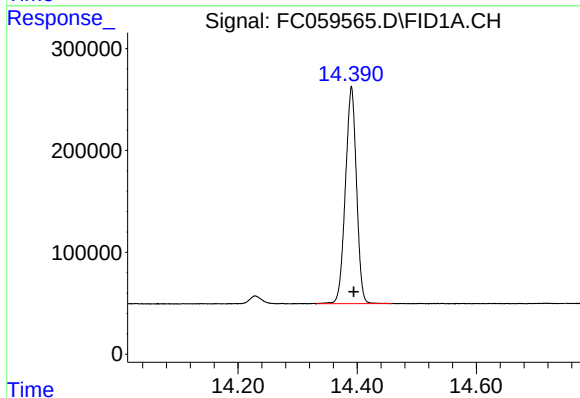
#12 1-chlorooctadecane (SURR)

R.T.: 12.539 min
Delta R.T.: -0.005 min
Response: 2450728
Conc: 18.77 ug/ml



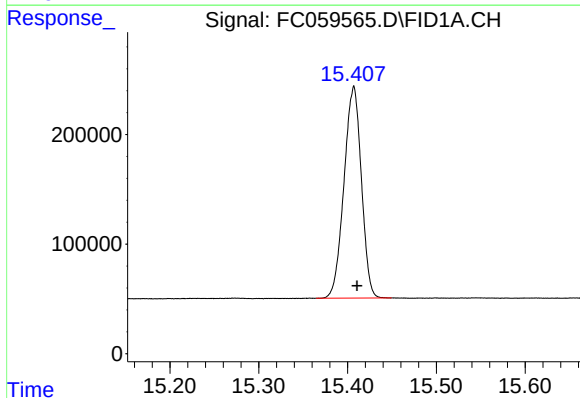
#13 n-Docosane (C22)

R.T.: 13.293 min
Delta R.T.: -0.005 min
Response: 2852742
Conc: 18.62 ug/ml



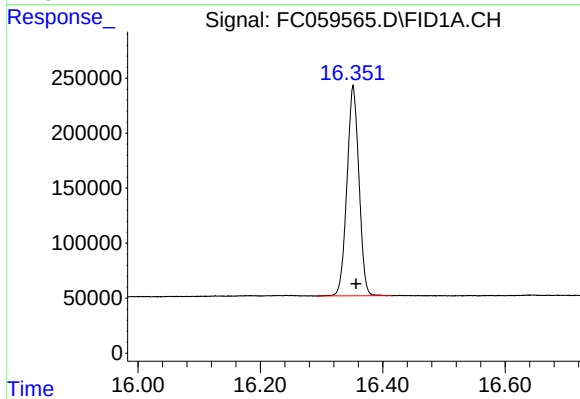
#14 n-Tetracosane (C24)

R.T.: 14.390 min
Delta R.T.: -0.004 min
Response: 2749711
Conc: 17.76 ug/ml



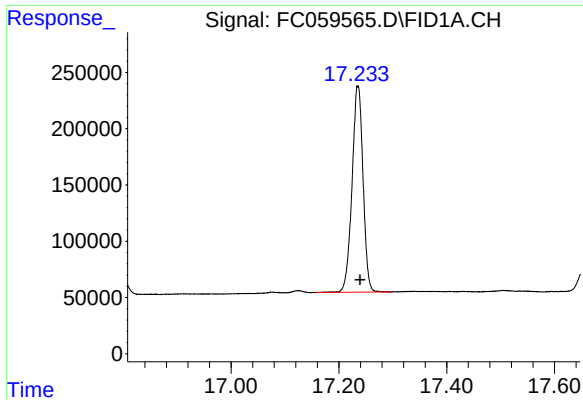
#15 n-Hexacosane (C26)

R.T.: 15.407 min
Delta R.T.: -0.004 min
Response: 2625473
Conc: 17.04 ug/ml



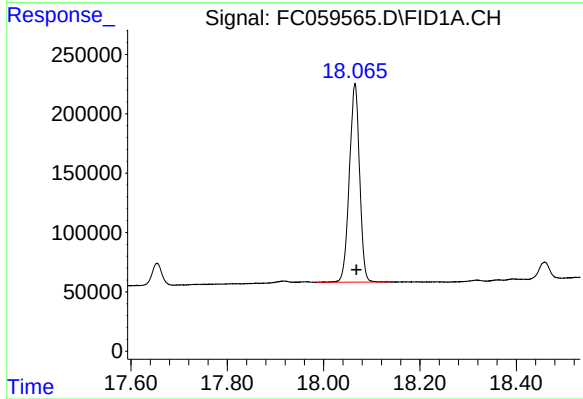
#16 n-Octacosane (C28)

R.T.: 16.352 min
Delta R.T.: -0.004 min
Response: 2594648
Conc: 16.76 ug/ml



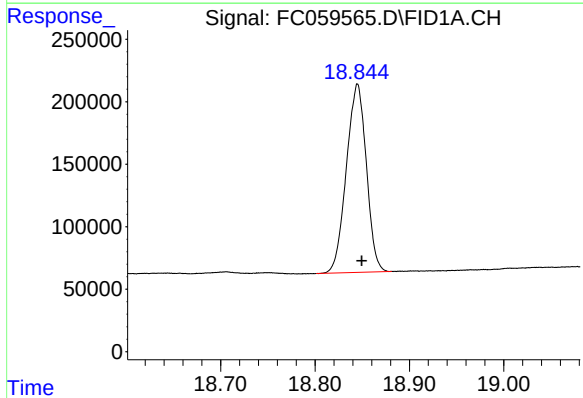
#17 n-Tricontane (C30)

R.T.: 17.235 min
Delta R.T.: -0.004 min
Response: 2597675
Conc: 17.10 ug/ml



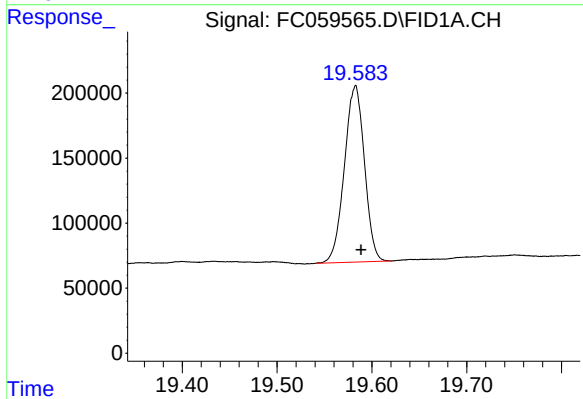
#18 n-Dotriacontane (C32)

R.T.: 18.065 min
Delta R.T.: -0.003 min
Response: 2481165
Conc: 17.61 ug/ml



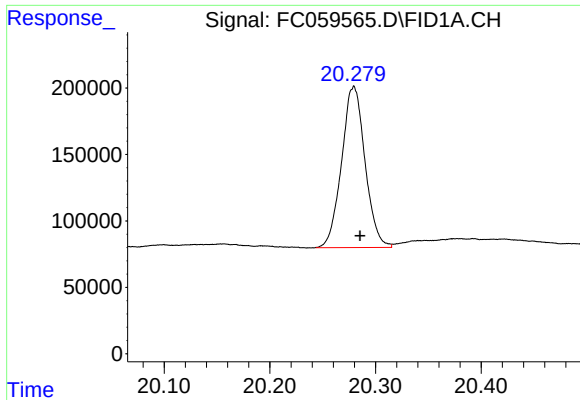
#19 n-Tetratriacontane (C34)

R.T.: 18.845 min
Delta R.T.: -0.005 min
Response: 2214967
Conc: 17.53 ug/ml



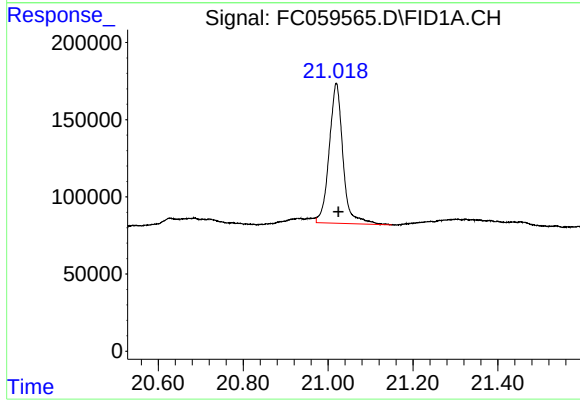
#20 n-Hexatriacontane (C36)

R.T.: 19.582 min
Delta R.T.: -0.006 min
Response: 1992926
Conc: 18.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.279 min
Delta R.T.: -0.006 min
Response: 1870575
Conc: 20.09 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.018 min
Delta R.T.: -0.006 min
Response: 2039666
Conc: 24.42 ug/ml m