

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071320AL\
 Data File : FC048397.D
 Signal(s) : FID1A.CH
 Acq On : 13 Jul 2020 23:53
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 14 02:32:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.679	2661530	19.392 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
12) S 1-chlorooctadecane (S...	13.114	2148486	19.066 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
Target Compounds			
1) T n-Nonane (C9)	3.412	2416299	20.270 ug/ml
2) T n-Decane (C10)	4.485	2446891	20.328 ug/ml
3) T A~Naphthalene (C11.7)	6.081	2762862	20.531 ug/ml
4) T n-Dodecane (C12)	6.512	2482259	20.289 ug/ml
5) T A~2-methylnaphthalene...	7.141	2821418	20.470 ug/ml
6) T n-Tetradecane (C14)	8.310	2475005	20.091 ug/ml
7) T n-Hexadecane (C16)	9.914	2433134	19.876 ug/ml
8) T n-Octadecane (C18)	11.357	2511134	19.621 ug/ml
10) T n-Eicosane (C20)	12.667	2499181	19.323 ug/ml
11) T n-Heneicosane (C21)	13.279	2480667	19.137 ug/ml
13) T n-Docosane (C22)	13.866	2460306	18.949 ug/ml
14) T n-Tetracosane (C24)	14.968	2410676	18.390 ug/ml
15) T n-Hexacosane (C26)	15.991	2332289	17.936 ug/ml
16) T n-Octacosane (C28)	16.939	2264112	17.327 ug/ml
17) T n-Tricontane (C30)	17.827	2150657	16.729 ug/ml
18) T n-Dotriacontane (C32)	18.657	1924464	16.290 ug/ml
19) T n-Tetratriacontane (C34)	19.441	1767604	15.836 ug/ml
20) T n-Hexatriacontane (C36)	20.179	1397034	13.283 ug/ml
21) T n-Octatriacontane (C38)	20.938	1559791	15.889 ug/ml
22) T n-Tetracontane (C40)	21.892	1596357	16.427 ug/ml

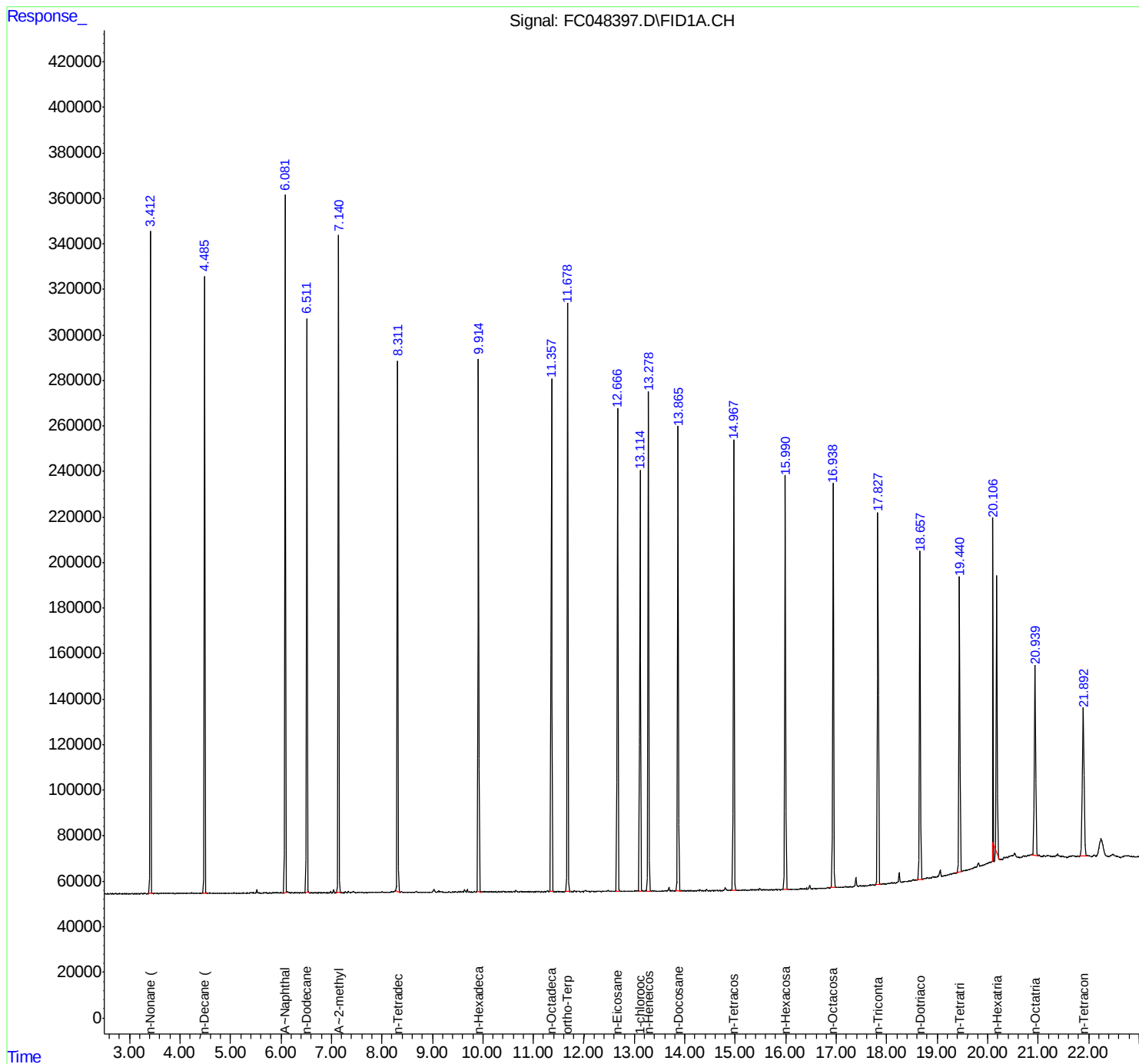
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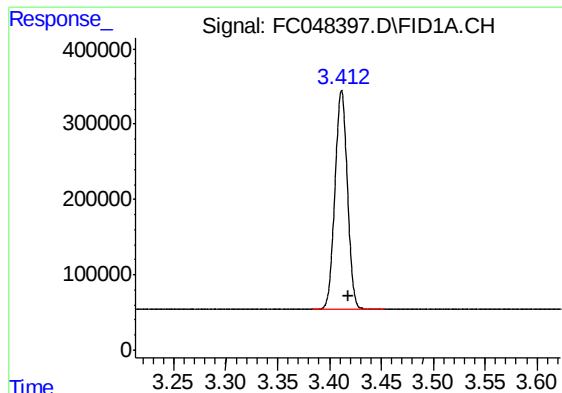
(m)=manual int.

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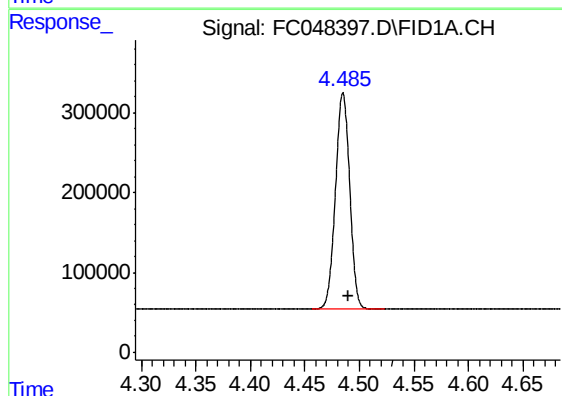
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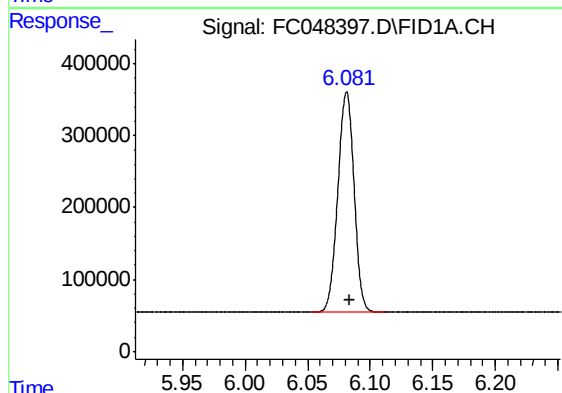
#1 n-Nonane (C9)

R.T.: 3.412 min
Delta R.T.: -0.006 min
Response: 2416299
Conc: 20.27 ug/ml



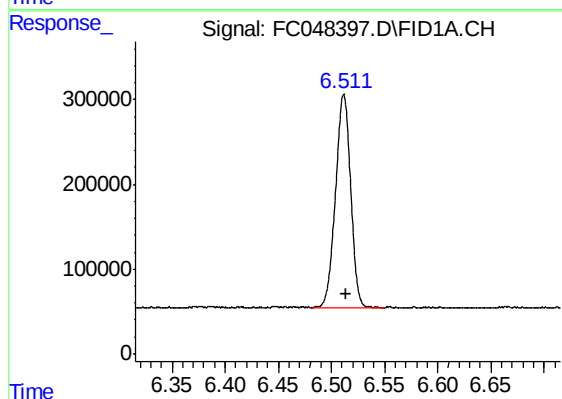
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.005 min
Response: 2446891
Conc: 20.33 ug/ml



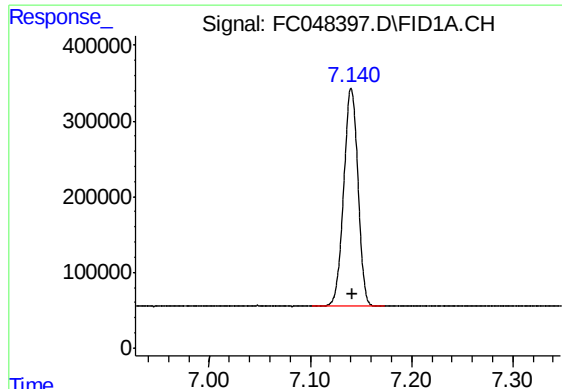
#3 A~Naphthalene (C11.7)

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 2762862
Conc: 20.53 ug/ml



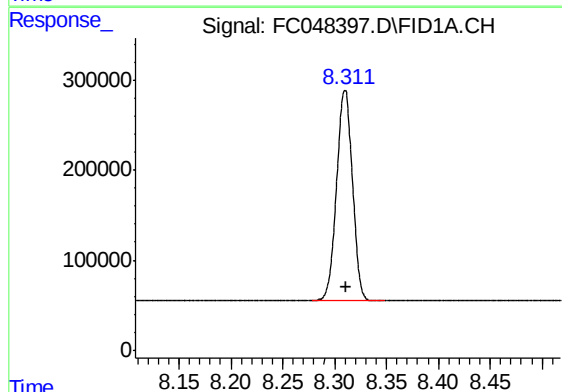
#4 n-Dodecane (C12)

R.T.: 6.512 min
Delta R.T.: -0.002 min
Response: 2482259
Conc: 20.29 ug/ml



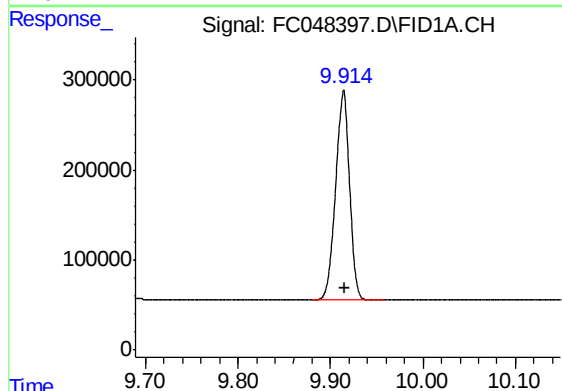
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.141 min
Delta R.T.: 0.000 min
Response: 2821418
Conc: 20.47 ug/ml



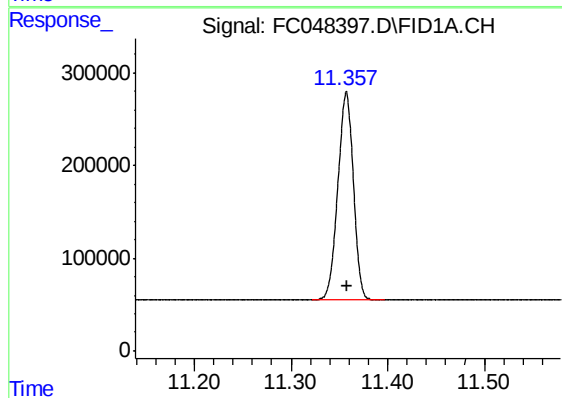
#6 n-Tetradecane (C14)

R.T.: 8.310 min
Delta R.T.: -0.002 min
Response: 2475005
Conc: 20.09 ug/ml



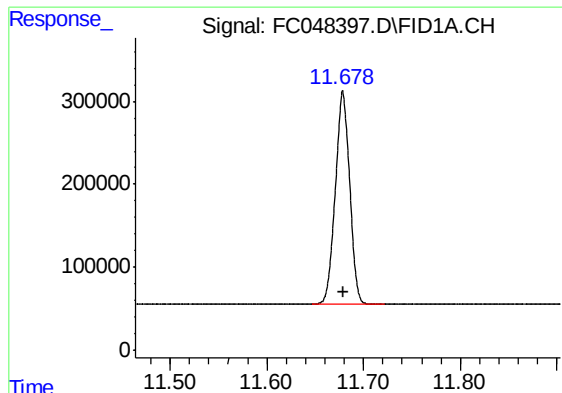
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 2433134
Conc: 19.88 ug/ml



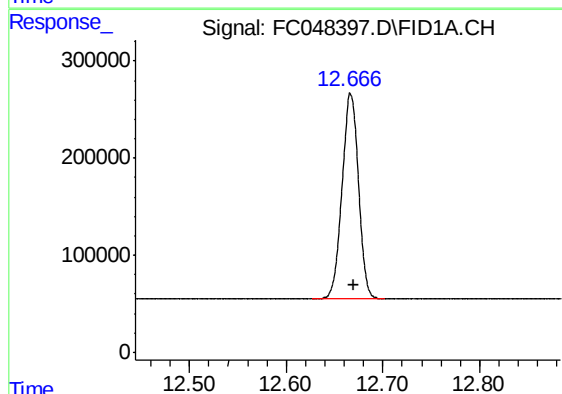
#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.001 min
Response: 2511134
Conc: 19.62 ug/ml



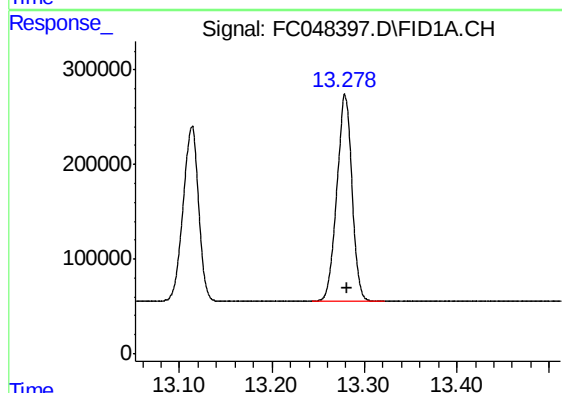
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.000 min
Response: 2661530
Conc: 19.39 ug/ml



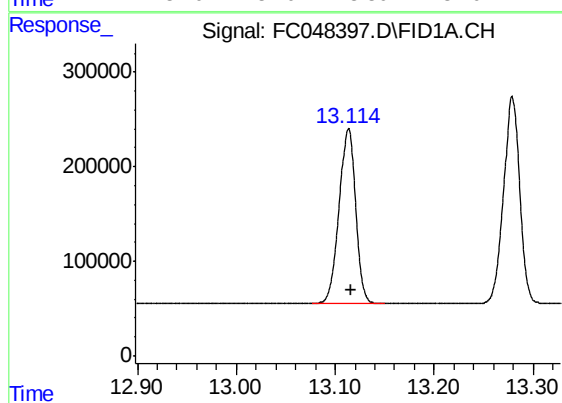
#10 n-Eicosane (C20)

R.T.: 12.667 min
Delta R.T.: -0.003 min
Response: 2499181
Conc: 19.32 ug/ml



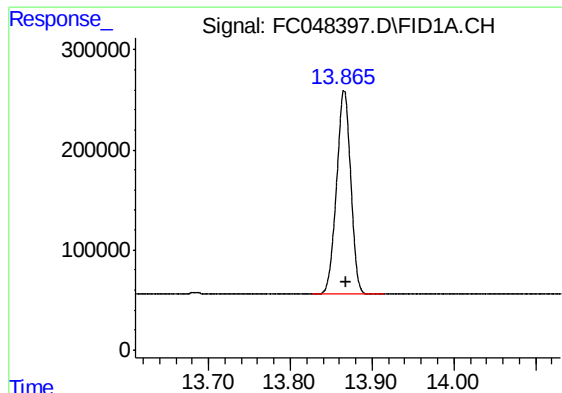
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: -0.002 min
Response: 2480667
Conc: 19.14 ug/ml



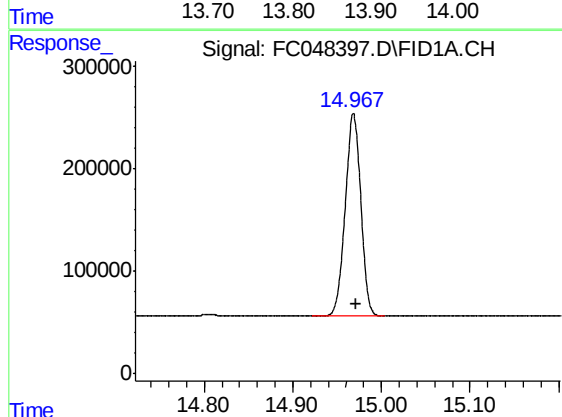
#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: -0.002 min
Response: 2148486
Conc: 19.07 ug/ml



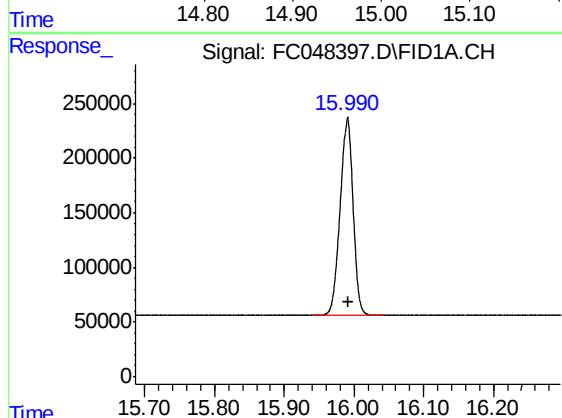
#13 n-Docosane (C22)

R.T.: 13.866 min
Delta R.T.: -0.002 min
Response: 2460306
Conc: 18.95 ug/ml



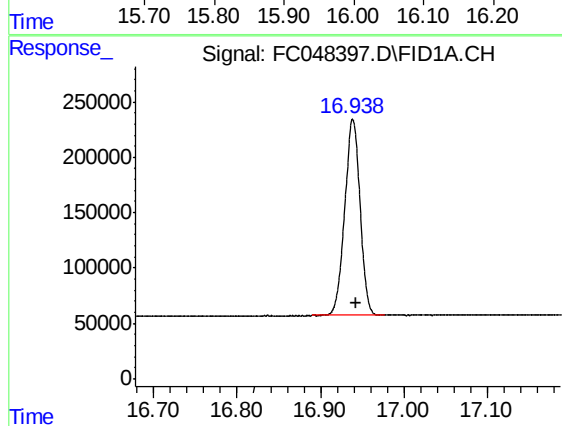
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.003 min
Response: 2410676
Conc: 18.39 ug/ml



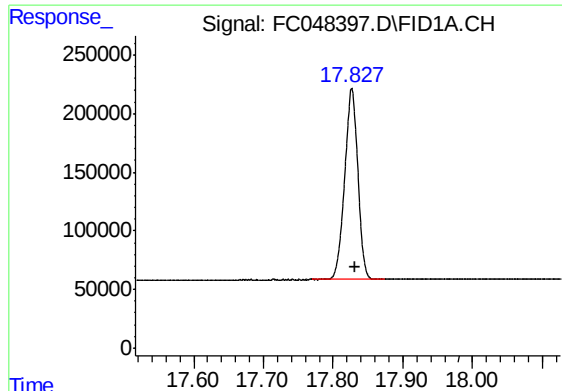
#15 n-Hexacosane (C26)

R.T.: 15.991 min
Delta R.T.: -0.002 min
Response: 2332289
Conc: 17.94 ug/ml



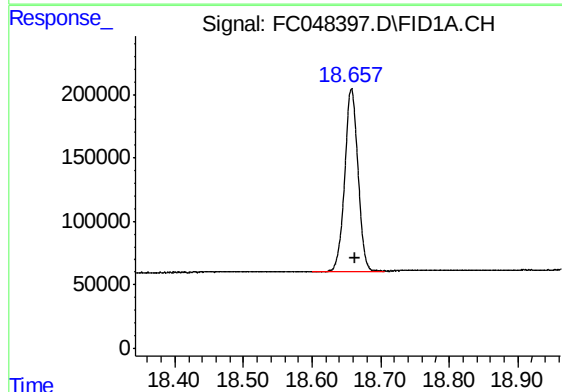
#16 n-Octacosane (C28)

R.T.: 16.939 min
Delta R.T.: -0.004 min
Response: 2264112
Conc: 17.33 ug/ml



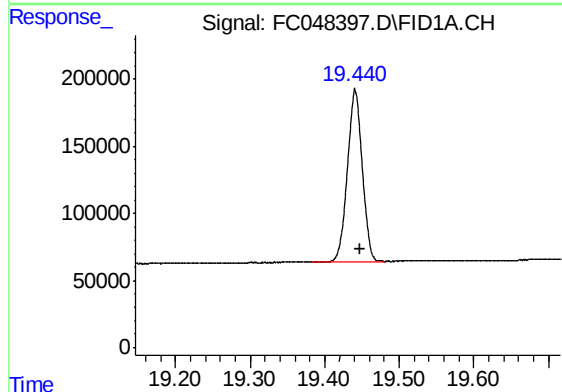
#17 n-Tricontane (C30)

R.T.: 17.827 min
Delta R.T.: -0.004 min
Response: 2150657
Conc: 16.73 ug/ml



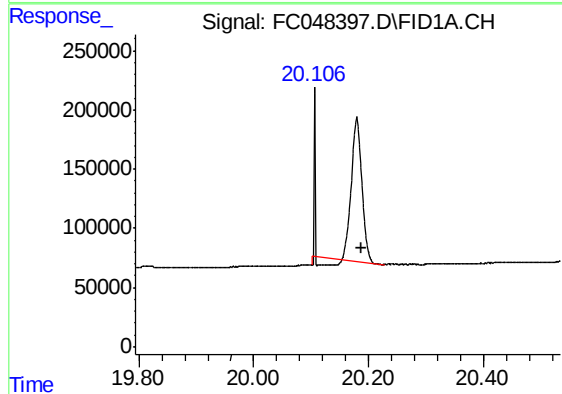
#18 n-Dotriacontane (C32)

R.T.: 18.657 min
Delta R.T.: -0.005 min
Response: 1924464
Conc: 16.29 ug/ml



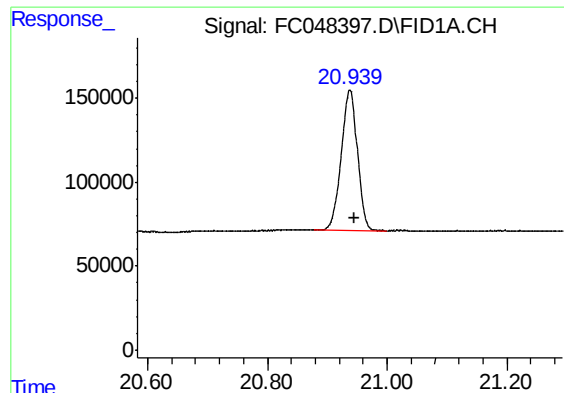
#19 n-Tetatriacontane (C34)

R.T.: 19.441 min
Delta R.T.: -0.006 min
Response: 1767604
Conc: 15.84 ug/ml



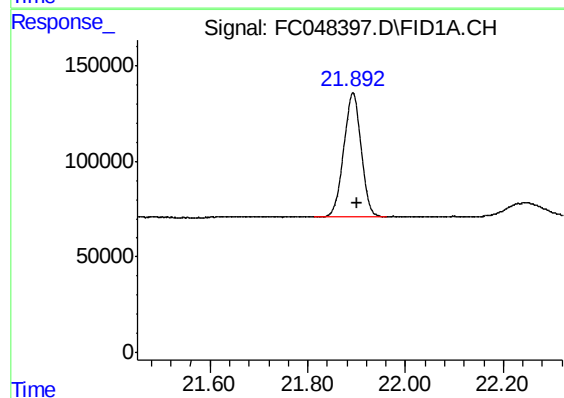
#20 n-Hexatriacontane (C36)

R.T.: 20.179 min
Delta R.T.: -0.007 min
Response: 1397034
Conc: 13.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.938 min
Delta R.T.: -0.008 min
Response: 1559791
Conc: 15.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.892 min
Delta R.T.: -0.009 min
Response: 1596357
Conc: 16.43 ug/ml