

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082020AL\
 Data File : FC049108.D
 Signal(s) : FID1A.CH
 Acq On : 20 Aug 2020 9:42
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 21 01:43:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.683	2348774	19.768 ug/ml
Spiked Amount 50.000		Recovery =	39.54%
12) S 1-chlorooctadecane (S...	13.114	1899415	19.525 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
Target Compounds			
1) T n-Nonane (C9)	3.409	2090383	20.042 ug/ml
2) T n-Decane (C10)	4.486	2126743	20.276 ug/ml
3) T A~Naphthalene (C11.7)	6.086	2418320	20.448 ug/ml
4) T n-Dodecane (C12)	6.513	2176979	20.525 ug/ml
5) T A~2-methylnaphthalene...	7.146	2478315	20.555 ug/ml
6) T n-Tetradecane (C14)	8.312	2182604	20.726 ug/ml
7) T n-Hexadecane (C16)	9.915	2162492	20.602 ug/ml
8) T n-Octadecane (C18)	11.359	2241121	20.400 ug/ml
10) T n-Eicosane (C20)	12.668	2228209	20.023 ug/ml
11) T n-Heneicosane (C21)	13.280	2200353	19.697 ug/ml
13) T n-Docosane (C22)	13.866	2171052	19.315 ug/ml
14) T n-Tetracosane (C24)	14.970	2095060	18.428 ug/ml
15) T n-Hexacosane (C26)	15.990	1995688	17.442 ug/ml
16) T n-Octacosane (C28)	16.938	1931819	16.605 ug/ml
17) T n-Tricontane (C30)	17.824	1854858	16.046 ug/ml
18) T n-Dotriacontane (C32)	18.657	1695328	15.679 ug/ml
19) T n-Tetratriacontane (C34)	19.437	1605651	15.481 ug/ml
20) T n-Hexatriacontane (C36)	20.176	1519192	15.279 ug/ml
21) T n-Octatriacontane (C38)	20.932	1648865	17.437 ug/ml
22) T n-Tetracontane (C40)	21.886	1592591	16.682 ug/ml

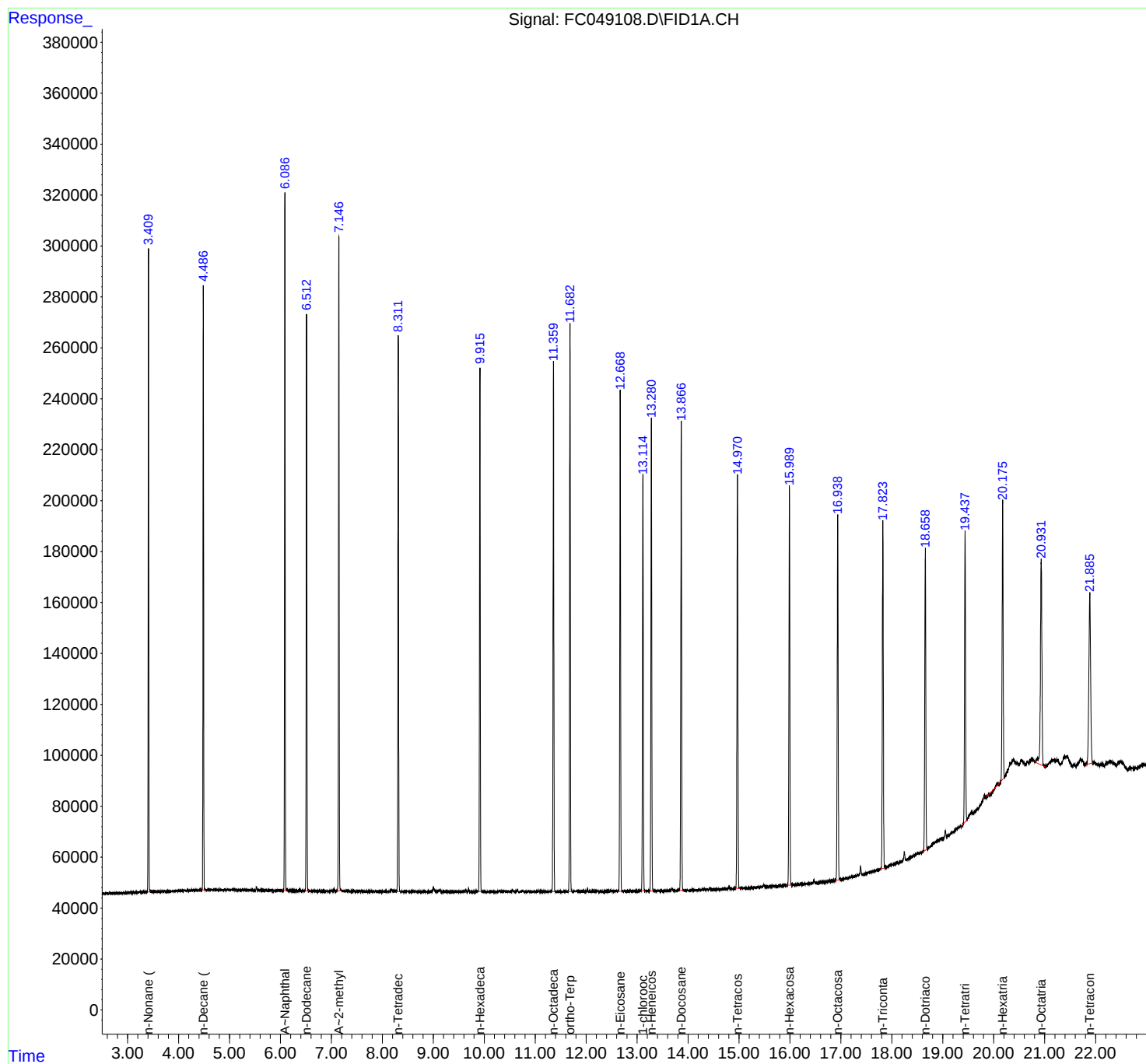
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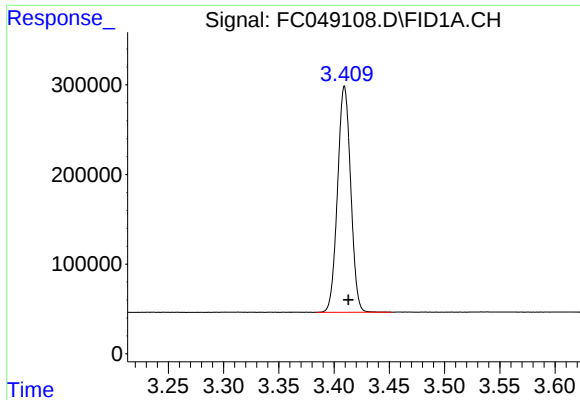
(m)=manual int.

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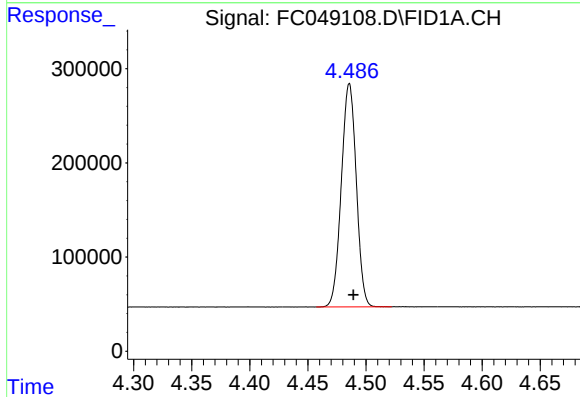
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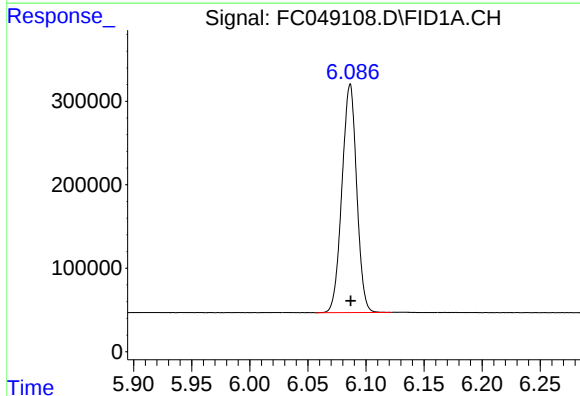
#1 n-Nonane (C9)

R.T.: 3.409 min
Delta R.T.: -0.004 min
Response: 2090383
Conc: 20.04 ug/ml



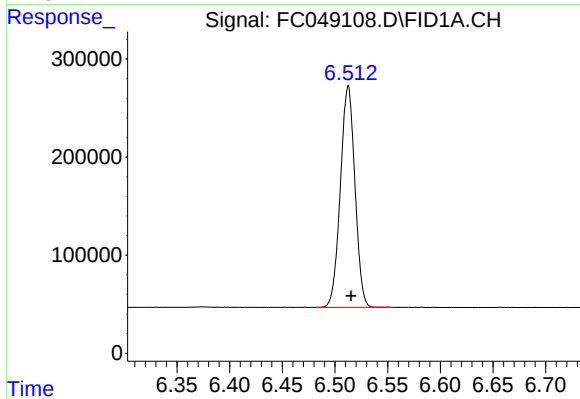
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.004 min
Response: 2126743
Conc: 20.28 ug/ml



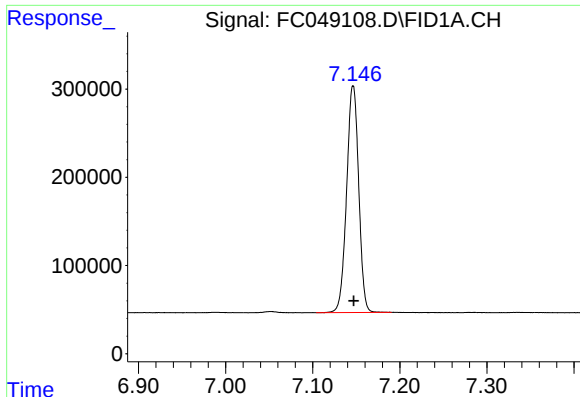
#3 A~Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 2418320
Conc: 20.45 ug/ml



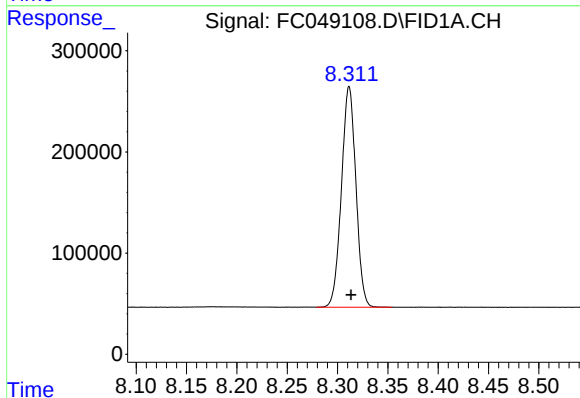
#4 n-Dodecane (C12)

R.T.: 6.513 min
Delta R.T.: -0.003 min
Response: 2176979
Conc: 20.52 ug/ml



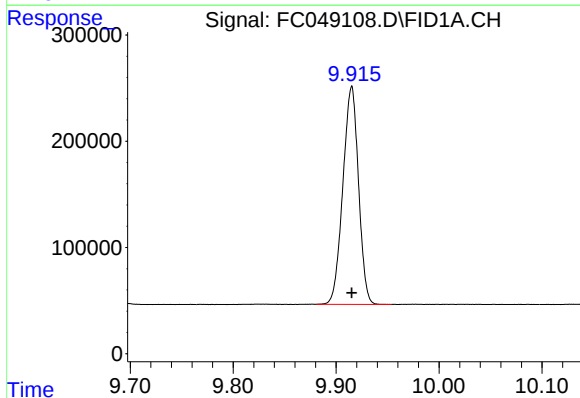
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 2478315
Conc: 20.55 ug/ml



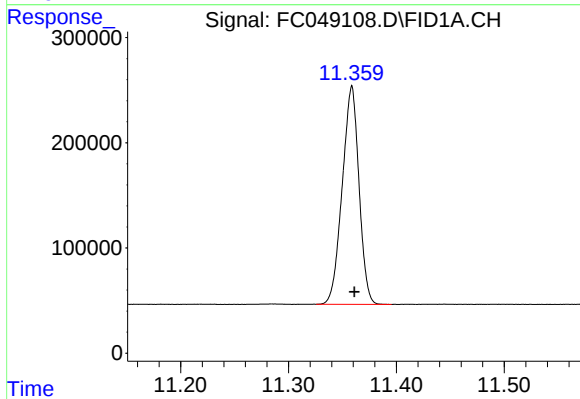
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: -0.002 min
Response: 2182604
Conc: 20.73 ug/ml



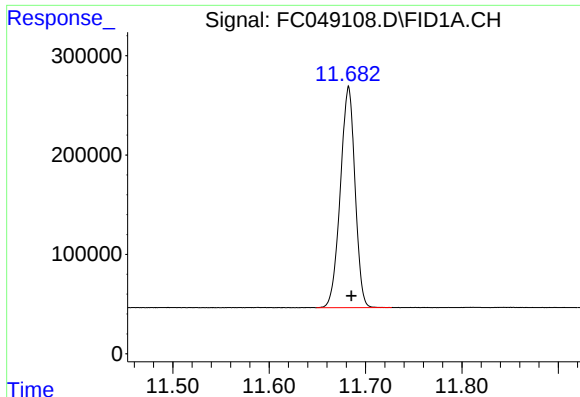
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.000 min
Response: 2162492
Conc: 20.60 ug/ml



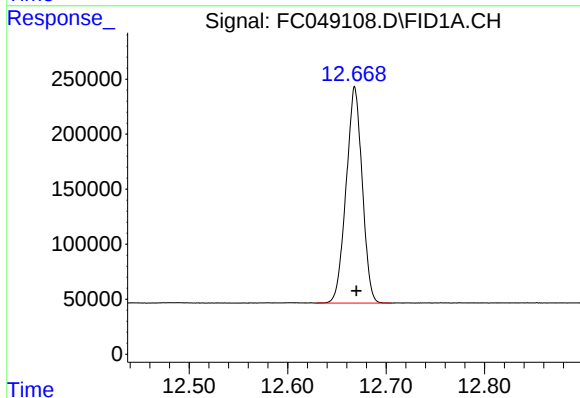
#8 n-Octadecane (C18)

R.T.: 11.359 min
Delta R.T.: -0.002 min
Response: 2241121
Conc: 20.40 ug/ml



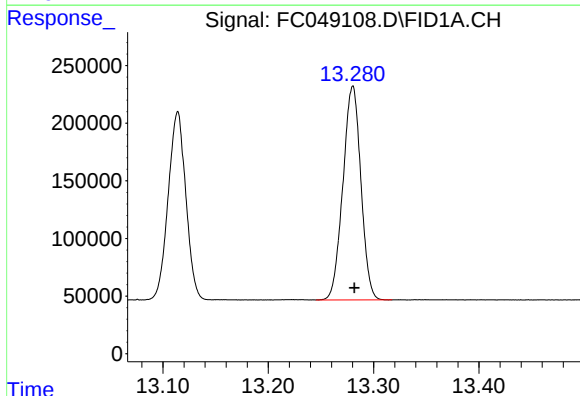
#9 ortho-Terphenyl (SURR)

R.T.: 11.683 min
Delta R.T.: -0.003 min
Response: 2348774
Conc: 19.77 ug/ml



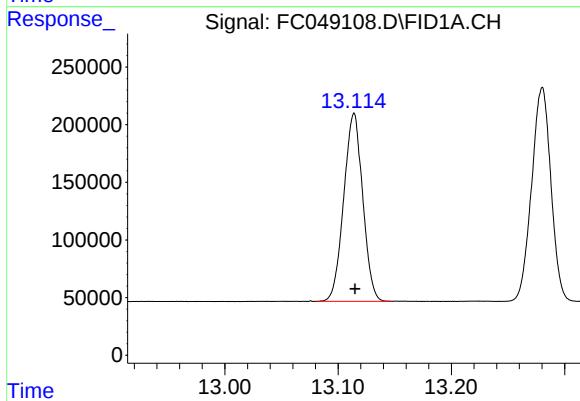
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: -0.002 min
Response: 2228209
Conc: 20.02 ug/ml



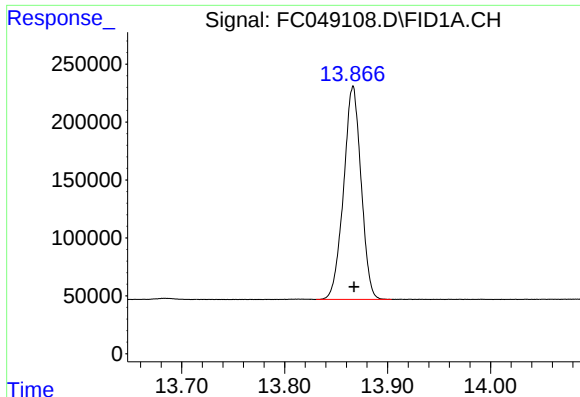
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: -0.002 min
Response: 2200353
Conc: 19.70 ug/ml



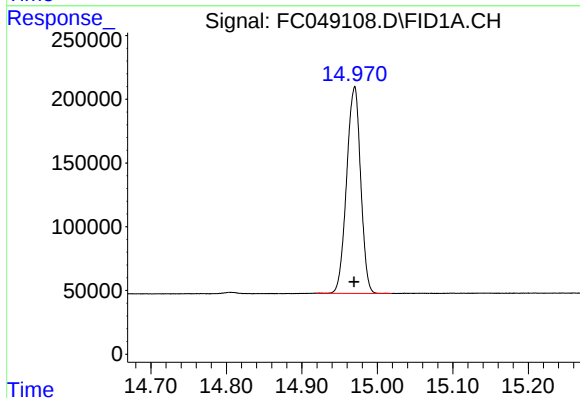
#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 1899415
Conc: 19.53 ug/ml



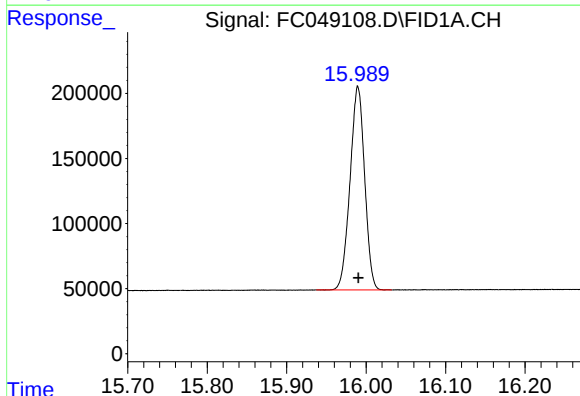
#13 n-Docosane (C22)

R.T.: 13.866 min
Delta R.T.: 0.000 min
Response: 2171052
Conc: 19.32 ug/ml



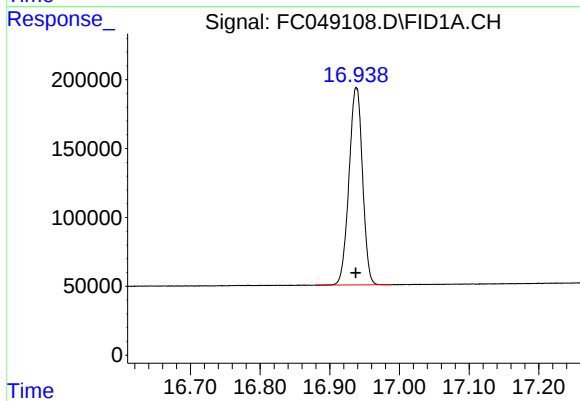
#14 n-Tetracosane (C24)

R.T.: 14.970 min
Delta R.T.: 0.000 min
Response: 2095060
Conc: 18.43 ug/ml



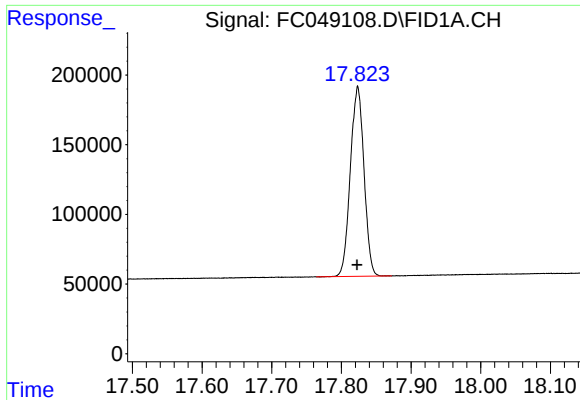
#15 n-Hexacosane (C26)

R.T.: 15.990 min
Delta R.T.: 0.000 min
Response: 1995688
Conc: 17.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.938 min
Delta R.T.: 0.000 min
Response: 1931819
Conc: 16.60 ug/ml



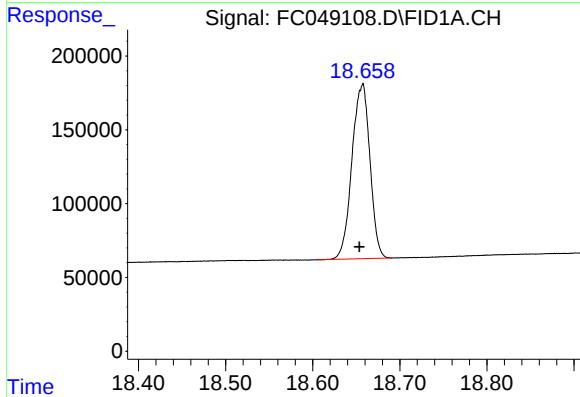
#17 n-Tricontane (C30)

R.T.: 17.824 min

Delta R.T.: 0.000 min

Response: 1854858

Conc: 16.05 ug/ml



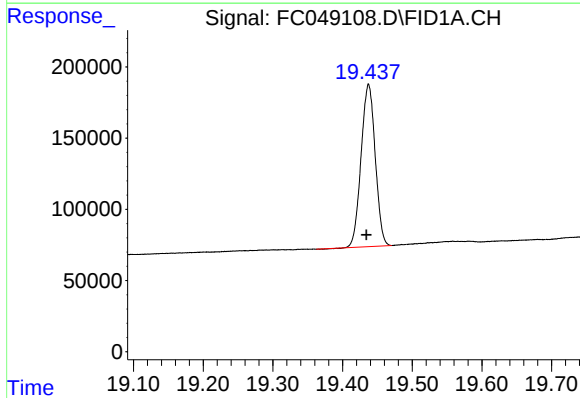
#18 n-Dotriacontane (C32)

R.T.: 18.657 min

Delta R.T.: 0.004 min

Response: 1695328

Conc: 15.68 ug/ml



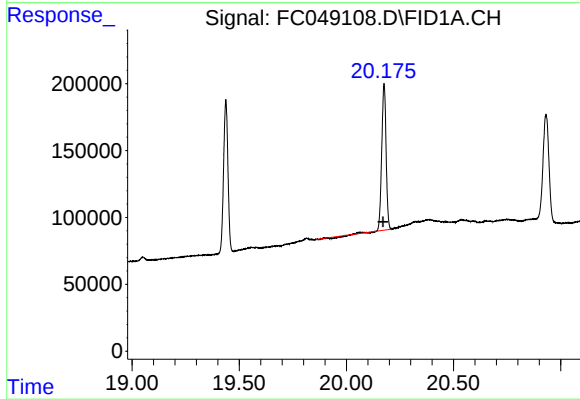
#19 n-Tetratriacontane (C34)

R.T.: 19.437 min

Delta R.T.: 0.003 min

Response: 1605651

Conc: 15.48 ug/ml



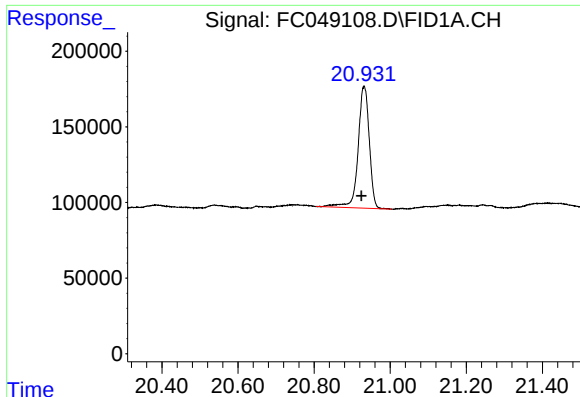
#20 n-Hexatriacontane (C36)

R.T.: 20.176 min

Delta R.T.: 0.004 min

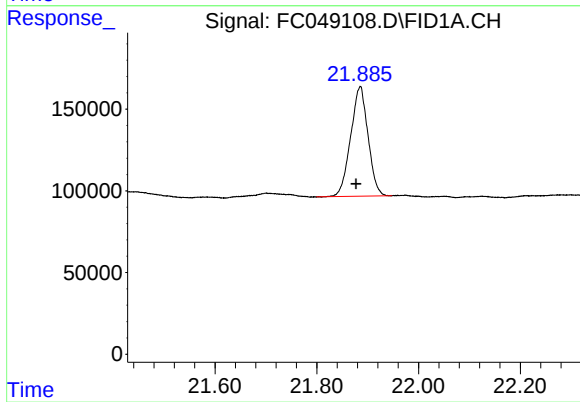
Response: 1519192

Conc: 15.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.932 min
Delta R.T.: 0.007 min
Response: 1648865
Conc: 17.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.886 min
Delta R.T.: 0.009 min
Response: 1592591
Conc: 16.68 ug/ml