

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012721AL\
 Data File : FC051786.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jan 2021 10:34
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 28 00:41:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011921.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 20 00:48:48 2021
 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)	11.697	2393419	18.761 ug/ml
Spiked Amount 50.000		Recovery =	37.52%
12) S 1-chlorooctadecane (S...	13.128	1892105	18.369 ug/ml
Spiked Amount 50.000		Recovery =	36.74%
Target Compounds			
1) T n-Nonane (C9)	3.445	2197059	20.042 ug/ml
2) T n-Decane (C10)	4.515	2231077	20.187 ug/ml
3) T A~Naphthalene (C11.7)	6.109	2512982	20.154 ug/ml
4) T n-Dodecane (C12)	6.535	2284293	20.280 ug/ml
5) T A~2-methylnaphthalene...	7.166	2568167	20.092 ug/ml
6) T n-Tetradecane (C14)	8.331	2299972	20.194 ug/ml
7) T n-Hexadecane (C16)	9.931	2250859	19.814 ug/ml
8) T n-Octadecane (C18)	11.374	2306223	19.346 ug/ml
10) T n-Eicosane (C20)	12.682	2268920	18.757 ug/ml
11) T n-Heneicosane (C21)	13.294	2236414	18.409 ug/ml
13) T n-Docosane (C22)	13.880	2196622	18.062 ug/ml
14) T n-Tetracosane (C24)	14.982	2108717	17.303 ug/ml
15) T n-Hexacosane (C26)	16.002	1997032	16.684 ug/ml
16) T n-Octacosane (C28)	16.952	1914418	16.363 ug/ml
17) T n-Tricontane (C30)	17.840	1851376	16.489 ug/ml
18) T n-Dotriacontane (C32)	18.673	1793538	17.333 ug/ml
19) T n-Tetratriacontane (C34)	19.456	1753083	18.523 ug/ml
20) T n-Hexatriacontane (C36)	20.197	1768868	20.313 ug/ml
21) T n-Octatriacontane (C38)	20.952	1646554	20.062 ug/ml
22) T n-Tetracontane (C40)	21.900	1729588	20.244 ug/ml

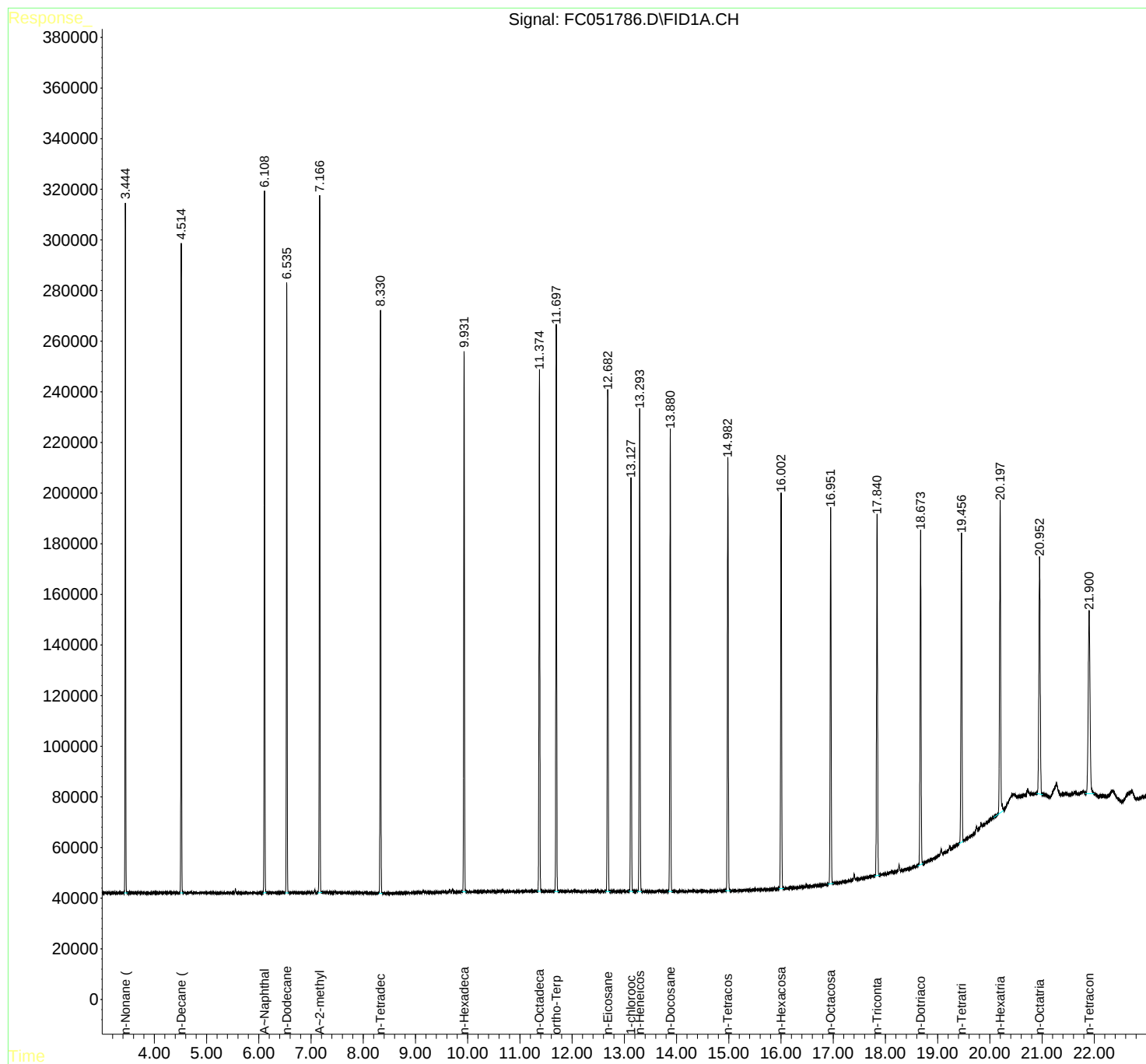
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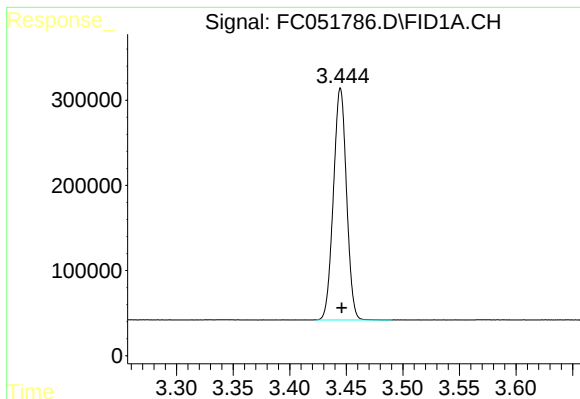
(m)=manual int.

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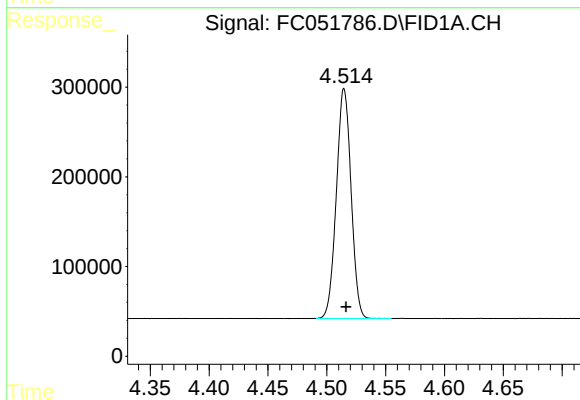
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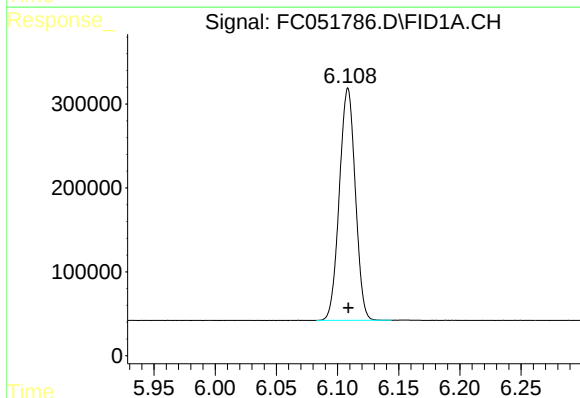
#1 n-Nonane (C9)

R.T.: 3.445 min
Delta R.T.: -0.001 min
Response: 2197059
Conc: 20.04 ug/ml



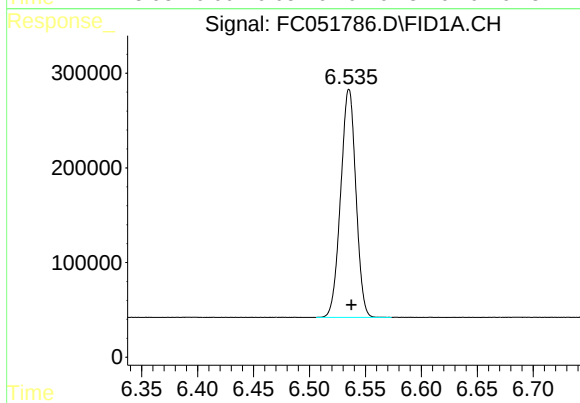
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 2231077
Conc: 20.19 ug/ml



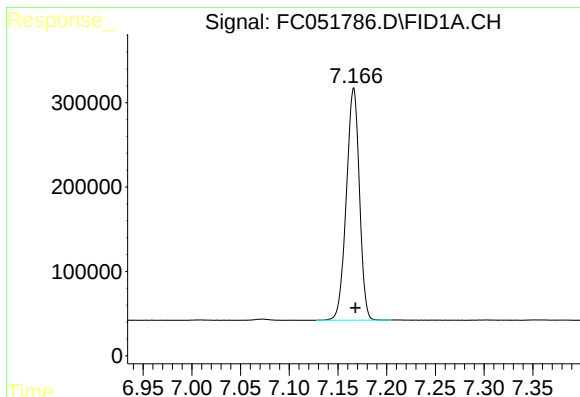
#3 A~Naphthalene (C11.7)

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 2512982
Conc: 20.15 ug/ml



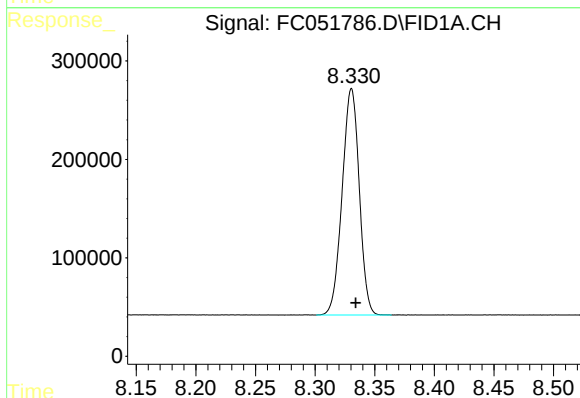
#4 n-Dodecane (C12)

R.T.: 6.535 min
Delta R.T.: -0.002 min
Response: 2284293
Conc: 20.28 ug/ml



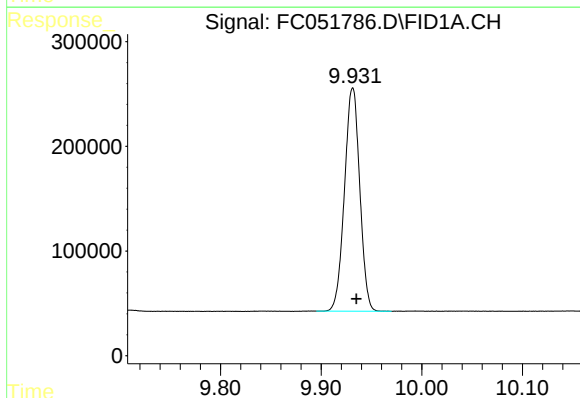
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.166 min
Delta R.T.: -0.002 min
Response: 2568167
Conc: 20.09 ug/ml



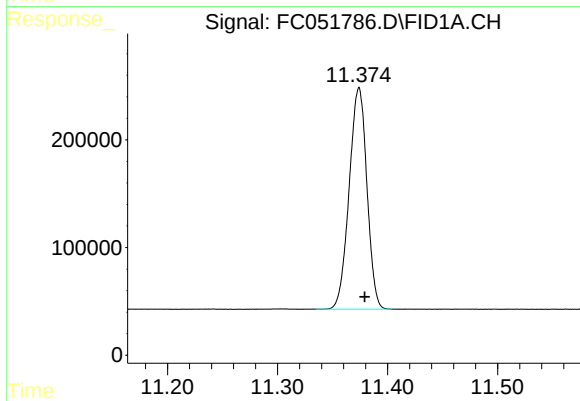
#6 n-Tetradecane (C14)

R.T.: 8.331 min
Delta R.T.: -0.004 min
Response: 2299972
Conc: 20.19 ug/ml



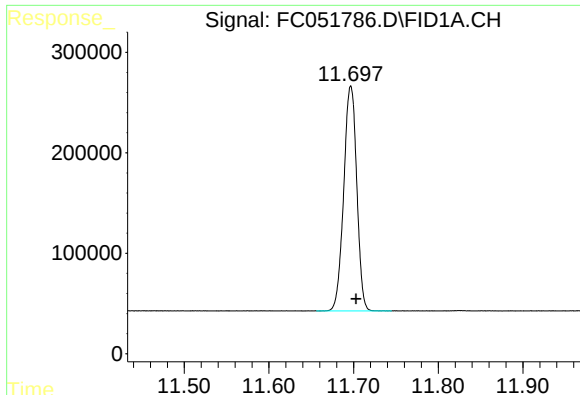
#7 n-Hexadecane (C16)

R.T.: 9.931 min
Delta R.T.: -0.003 min
Response: 2250859
Conc: 19.81 ug/ml



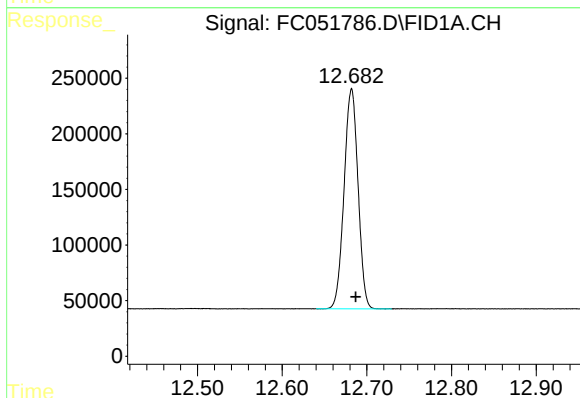
#8 n-Octadecane (C18)

R.T.: 11.374 min
Delta R.T.: -0.005 min
Response: 2306223
Conc: 19.35 ug/ml



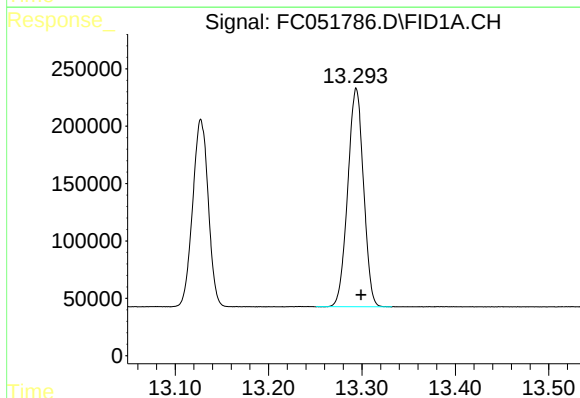
#9 ortho-Terphenyl (SURR)

R.T.: 11.697 min
Delta R.T.: -0.006 min
Response: 2393419
Conc: 18.76 ug/ml



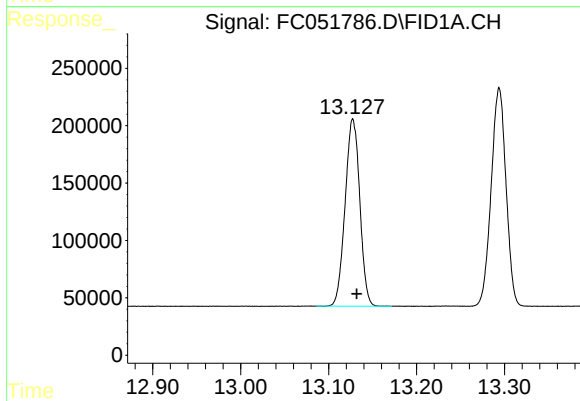
#10 n-Eicosane (C20)

R.T.: 12.682 min
Delta R.T.: -0.005 min
Response: 2268920
Conc: 18.76 ug/ml



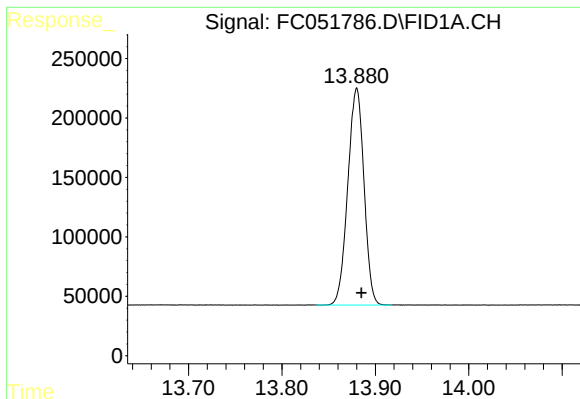
#11 n-Heneicosane (C21)

R.T.: 13.294 min
Delta R.T.: -0.005 min
Response: 2236414
Conc: 18.41 ug/ml



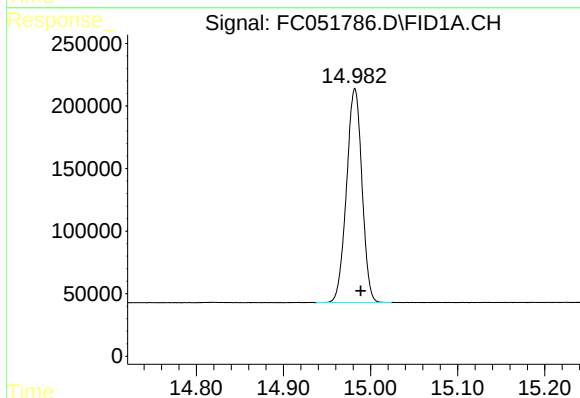
#12 1-chlorooctadecane (SURR)

R.T.: 13.128 min
Delta R.T.: -0.004 min
Response: 1892105
Conc: 18.37 ug/ml



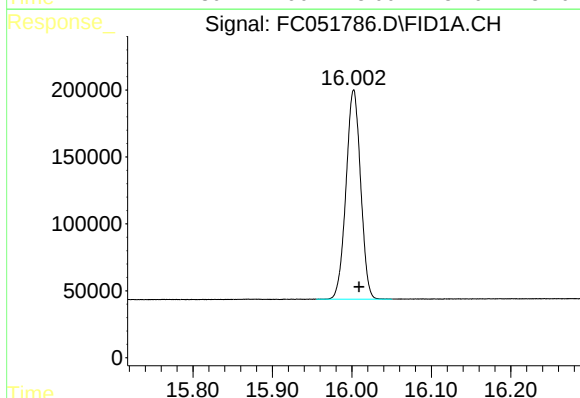
#13 n-Docosane (C22)

R.T.: 13.880 min
Delta R.T.: -0.005 min
Response: 2196622
Conc: 18.06 ug/ml



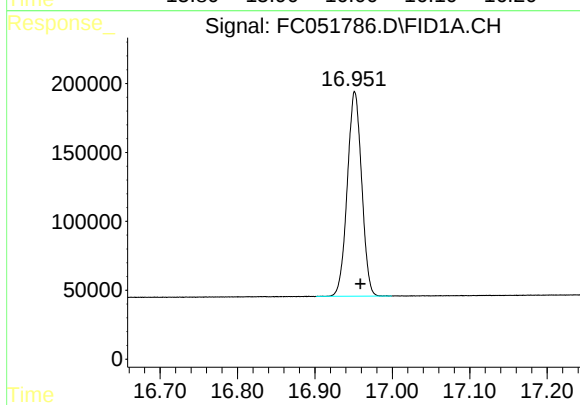
#14 n-Tetracosane (C24)

R.T.: 14.982 min
Delta R.T.: -0.006 min
Response: 2108717
Conc: 17.30 ug/ml



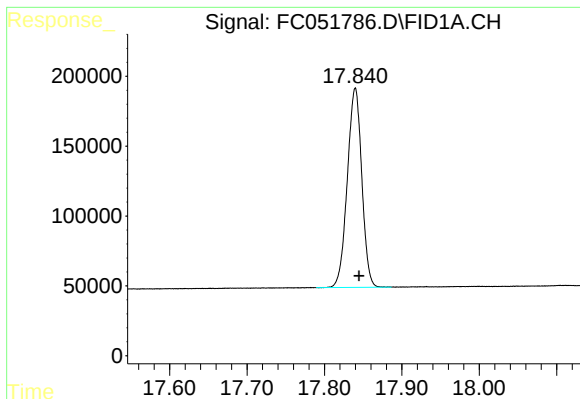
#15 n-Hexacosane (C26)

R.T.: 16.002 min
Delta R.T.: -0.007 min
Response: 1997032
Conc: 16.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.952 min
Delta R.T.: -0.007 min
Response: 1914418
Conc: 16.36 ug/ml



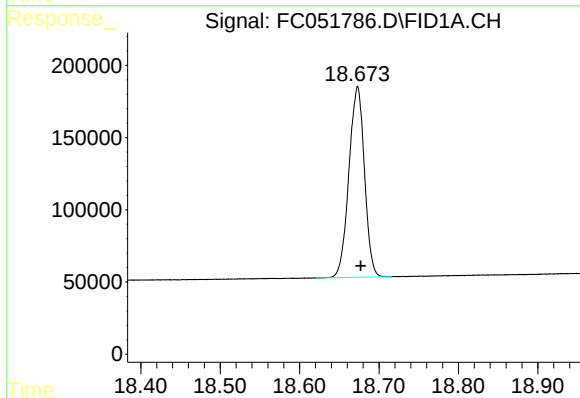
#17 n-Tricontane (C30)

R.T.: 17.840 min

Delta R.T.: -0.005 min

Response: 1851376

Conc: 16.49 ug/ml



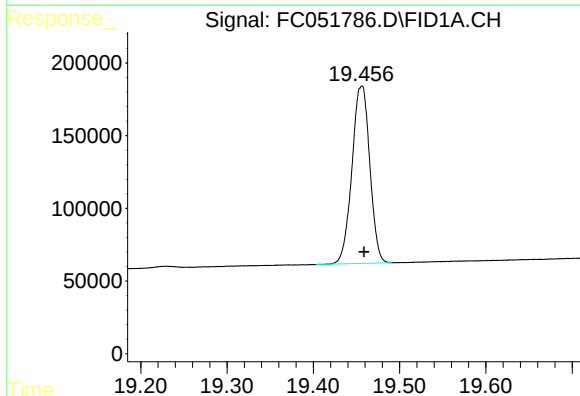
#18 n-Dotriacontane (C32)

R.T.: 18.673 min

Delta R.T.: -0.004 min

Response: 1793538

Conc: 17.33 ug/ml



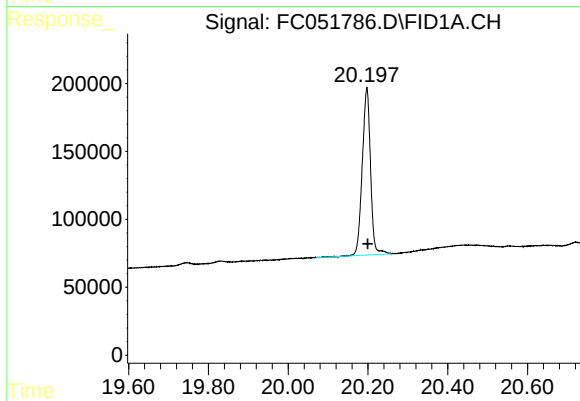
#19 n-Tetratriacontane (C34)

R.T.: 19.456 min

Delta R.T.: -0.002 min

Response: 1753083

Conc: 18.52 ug/ml



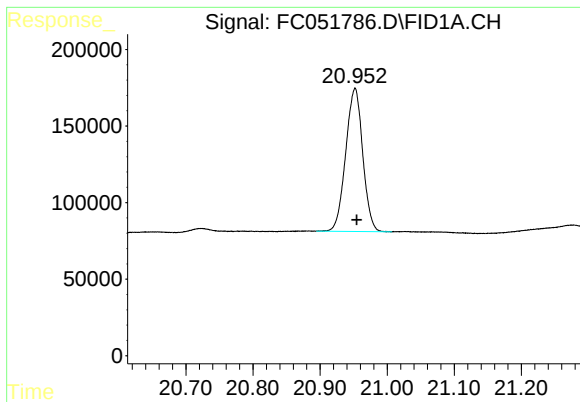
#20 n-Hexatriacontane (C36)

R.T.: 20.197 min

Delta R.T.: -0.002 min

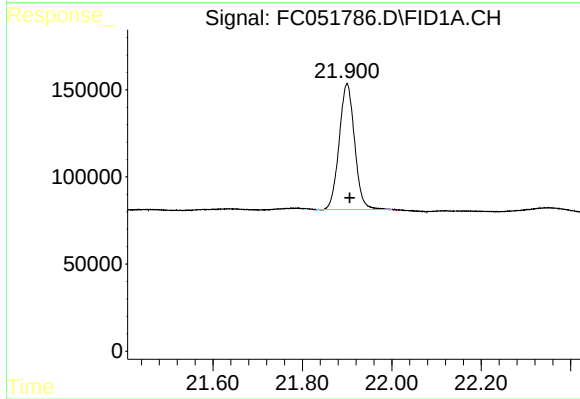
Response: 1768868

Conc: 20.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.952 min
Delta R.T.: -0.002 min
Response: 1646554
Conc: 20.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.900 min
Delta R.T.: -0.006 min
Response: 1729588
Conc: 20.24 ug/ml