

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012721AL\
 Data File : FC051805.D
 Signal(s) : FID1A.CH
 Acq On : 28 Jan 2021 1:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 28 01:45:22 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)	11.693	2438218	19.112 ug/ml
Spiked Amount 50.000		Recovery =	38.22%
12) S 1-chlorooctadecane (S...	13.125	1932098	18.757 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
Target Compounds			
1) T n-Nonane (C9)	3.444	2246518	20.493 ug/ml
2) T n-Decane (C10)	4.514	2281496	20.643 ug/ml
3) T A~Naphthalene (C11.7)	6.107	2563030	20.556 ug/ml
4) T n-Dodecane (C12)	6.534	2330625	20.691 ug/ml
5) T A~2-methylnaphthalene...	7.164	2616461	20.469 ug/ml
6) T n-Tetradecane (C14)	8.329	2345977	20.598 ug/ml
7) T n-Hexadecane (C16)	9.930	2300066	20.247 ug/ml
8) T n-Octadecane (C18)	11.370	2356257	19.766 ug/ml
10) T n-Eicosane (C20)	12.680	2315948	19.145 ug/ml
11) T n-Heneicosane (C21)	13.291	2280500	18.772 ug/ml
13) T n-Docosane (C22)	13.877	2242501	18.439 ug/ml
14) T n-Tetracosane (C24)	14.980	2153344	17.669 ug/ml
15) T n-Hexacosane (C26)	16.000	2040494	17.047 ug/ml
16) T n-Octacosane (C28)	16.950	1955055	16.710 ug/ml
17) T n-Tricontane (C30)	17.837	1896842	16.894 ug/ml
18) T n-Dotriacontane (C32)	18.670	1837937	17.763 ug/ml
19) T n-Tetratriacontane (C34)	19.453	1799890	19.018 ug/ml
20) T n-Hexatriacontane (C36)	20.192	1770478	20.331 ug/ml
21) T n-Octatriacontane (C38)	20.948	1691121	20.605 ug/ml
22) T n-Tetracontane (C40)	21.895	1796158	21.024 ug/ml

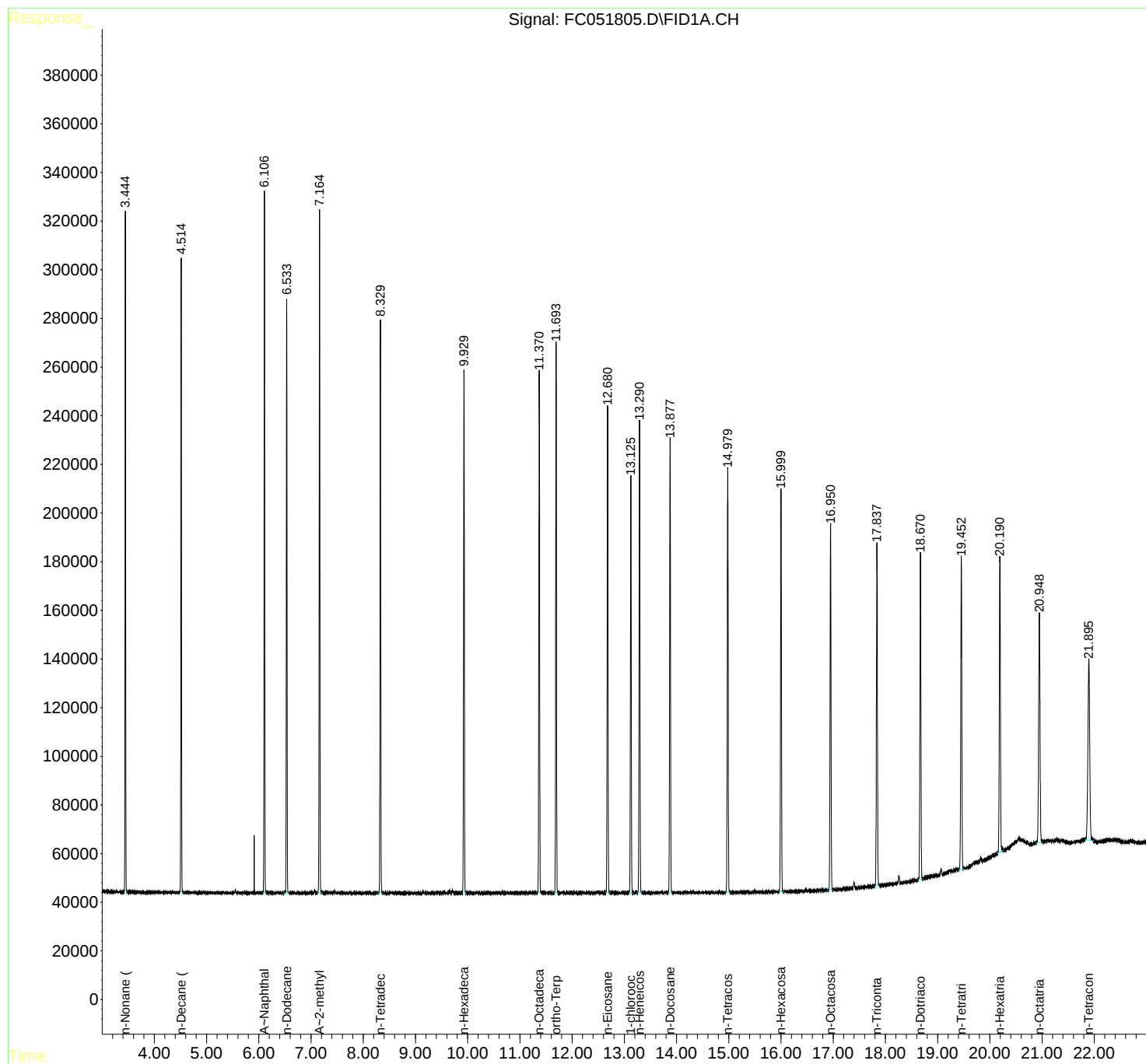
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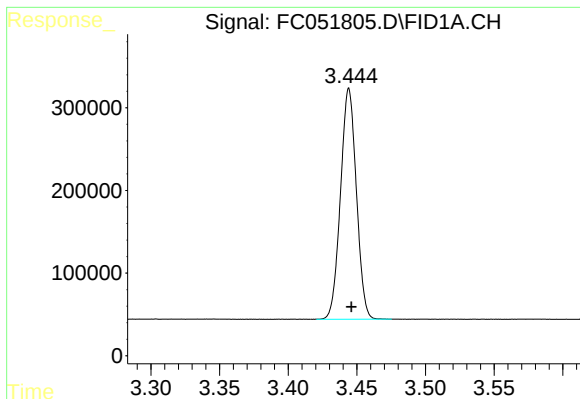
(m)=manual int.

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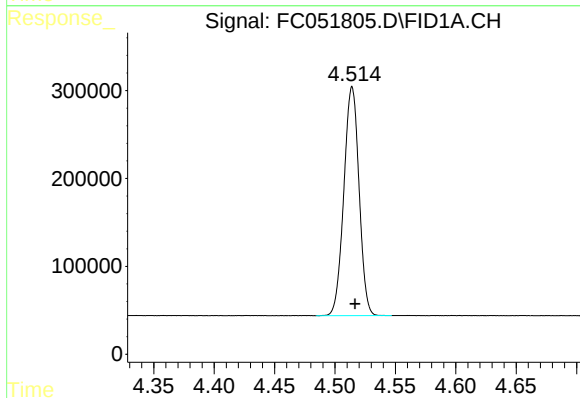
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





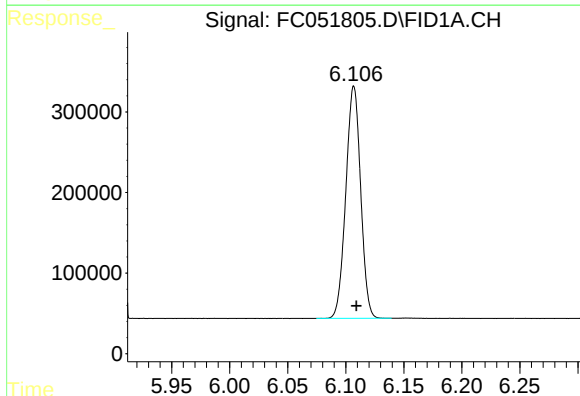
#1 n-Nonane (C9)

R.T.: 3.444 min
Delta R.T.: -0.002 min
Response: 2246518
Conc: 20.49 ug/ml



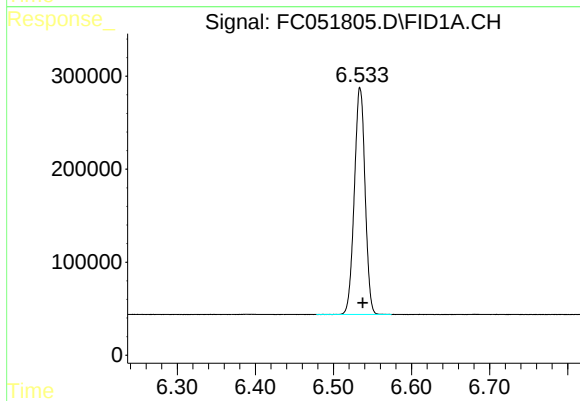
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 2281496
Conc: 20.64 ug/ml



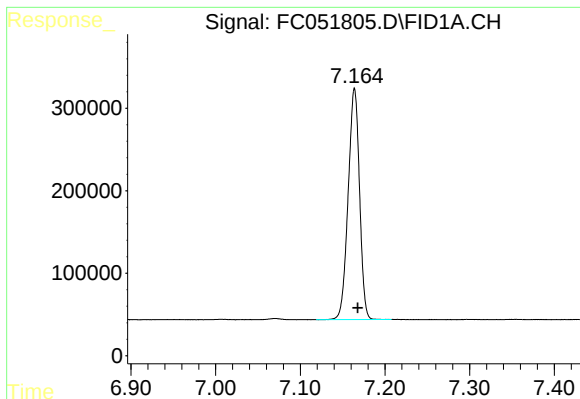
#3 A~Naphthalene (C11.7)

R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 2563030
Conc: 20.56 ug/ml



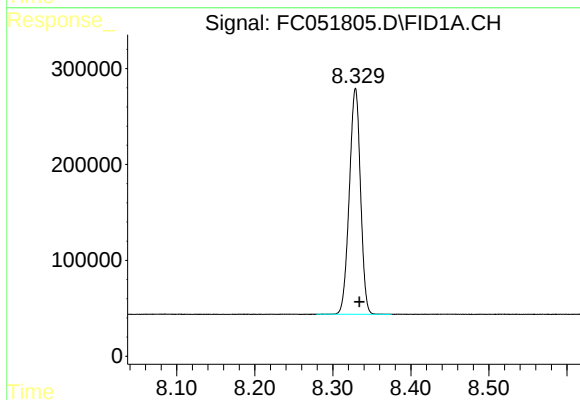
#4 n-Dodecane (C12)

R.T.: 6.534 min
Delta R.T.: -0.003 min
Response: 2330625
Conc: 20.69 ug/ml



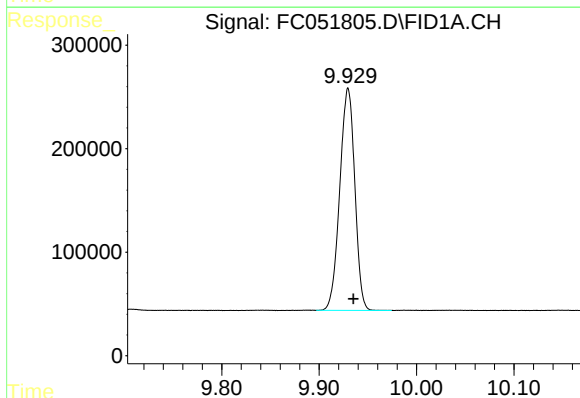
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.164 min
Delta R.T.: -0.004 min
Response: 2616461
Conc: 20.47 ug/ml



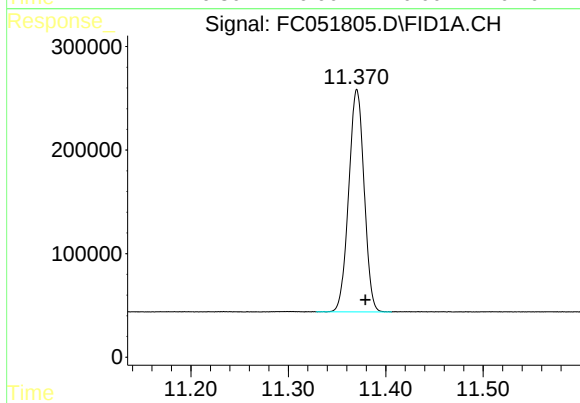
#6 n-Tetradecane (C14)

R.T.: 8.329 min
Delta R.T.: -0.005 min
Response: 2345977
Conc: 20.60 ug/ml



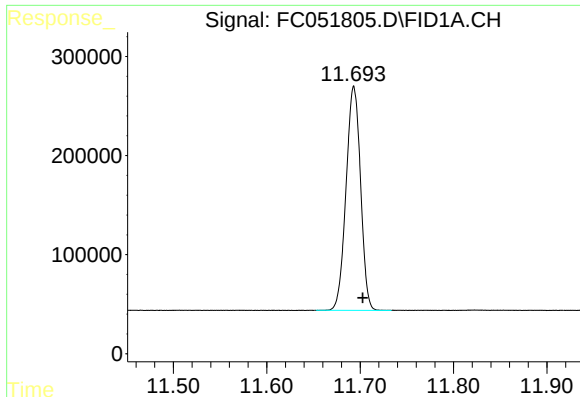
#7 n-Hexadecane (C16)

R.T.: 9.930 min
Delta R.T.: -0.005 min
Response: 2300066
Conc: 20.25 ug/ml



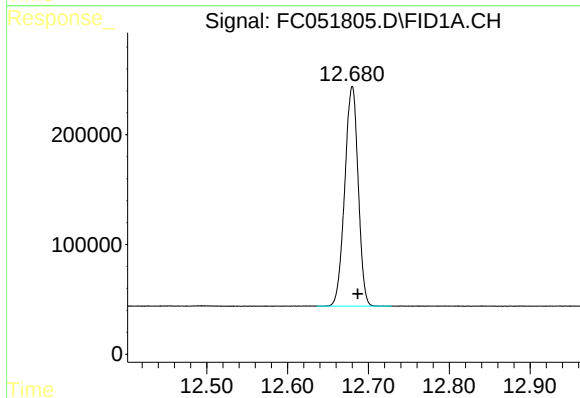
#8 n-Octadecane (C18)

R.T.: 11.370 min
Delta R.T.: -0.009 min
Response: 2356257
Conc: 19.77 ug/ml



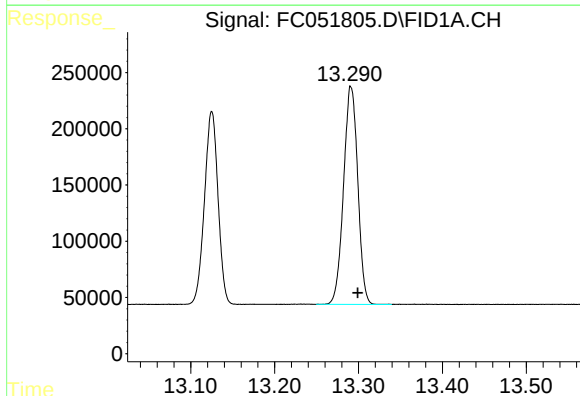
#9 ortho-Terphenyl (SURR)

R.T.: 11.693 min
Delta R.T.: -0.010 min
Response: 2438218
Conc: 19.11 ug/ml



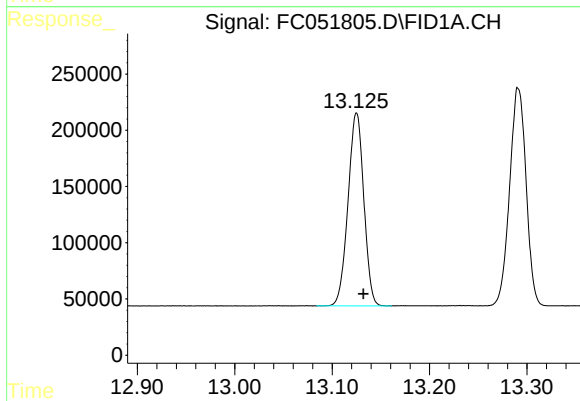
#10 n-Eicosane (C20)

R.T.: 12.680 min
Delta R.T.: -0.007 min
Response: 2315948
Conc: 19.15 ug/ml



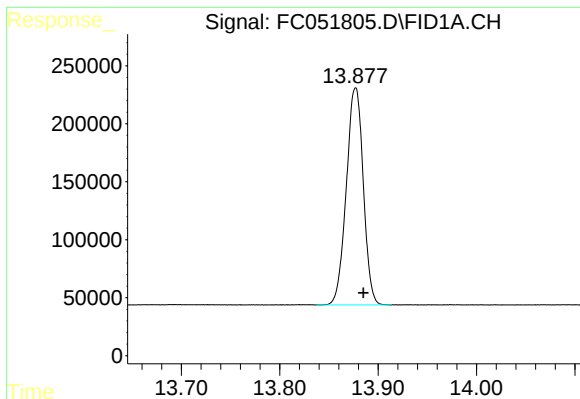
#11 n-Heneicosane (C21)

R.T.: 13.291 min
Delta R.T.: -0.008 min
Response: 2280500
Conc: 18.77 ug/ml



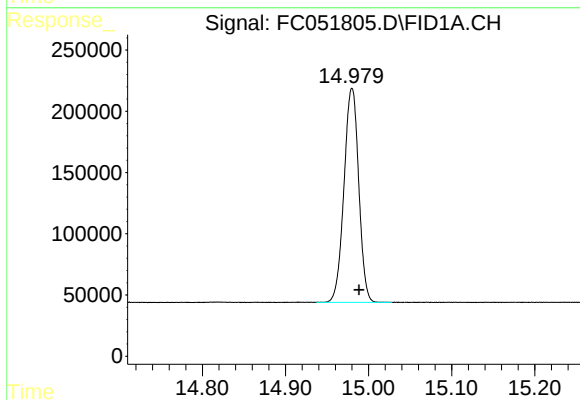
#12 1-chlorooctadecane (SURR)

R.T.: 13.125 min
Delta R.T.: -0.007 min
Response: 1932098
Conc: 18.76 ug/ml



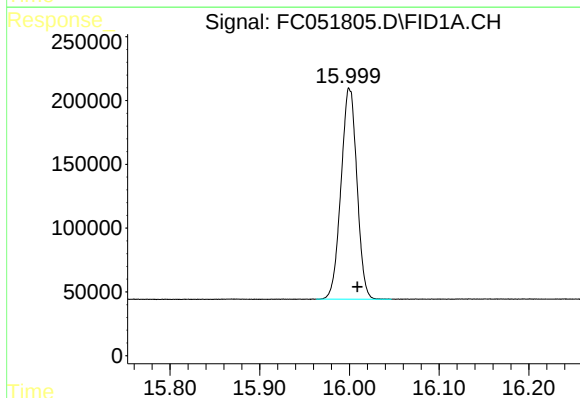
#13 n-Docosane (C22)

R.T.: 13.877 min
Delta R.T.: -0.008 min
Response: 2242501
Conc: 18.44 ug/ml



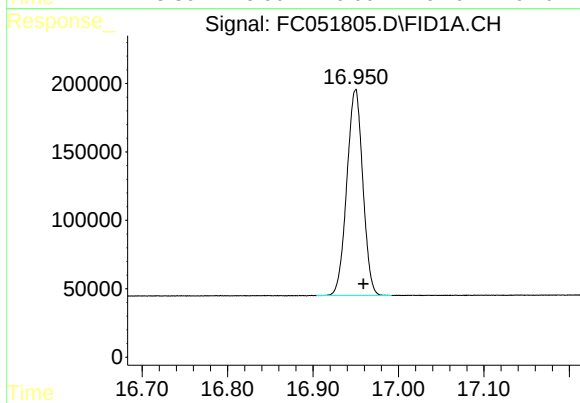
#14 n-Tetracosane (C24)

R.T.: 14.980 min
Delta R.T.: -0.008 min
Response: 2153344
Conc: 17.67 ug/ml



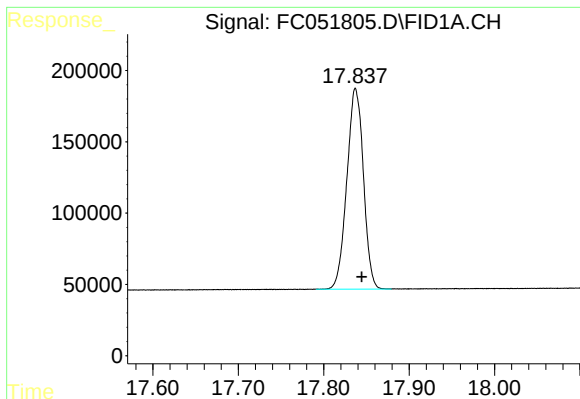
#15 n-Hexacosane (C26)

R.T.: 16.000 min
Delta R.T.: -0.009 min
Response: 2040494
Conc: 17.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.950 min
Delta R.T.: -0.009 min
Response: 1955055
Conc: 16.71 ug/ml



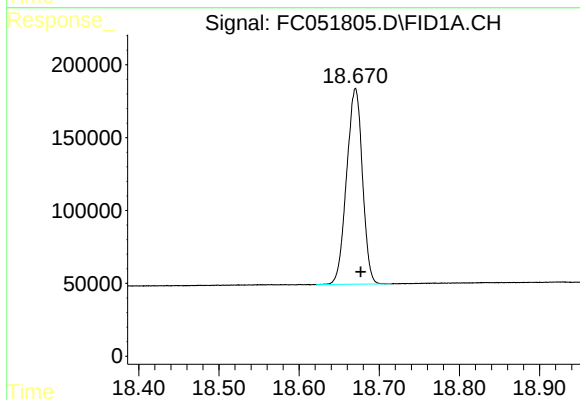
#17 n-Tricontane (C30)

R.T.: 17.837 min

Delta R.T.: -0.008 min

Response: 1896842

Conc: 16.89 ug/ml



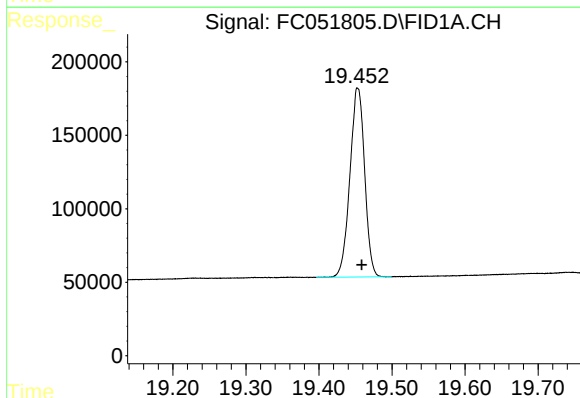
#18 n-Dotriacontane (C32)

R.T.: 18.670 min

Delta R.T.: -0.007 min

Response: 1837937

Conc: 17.76 ug/ml



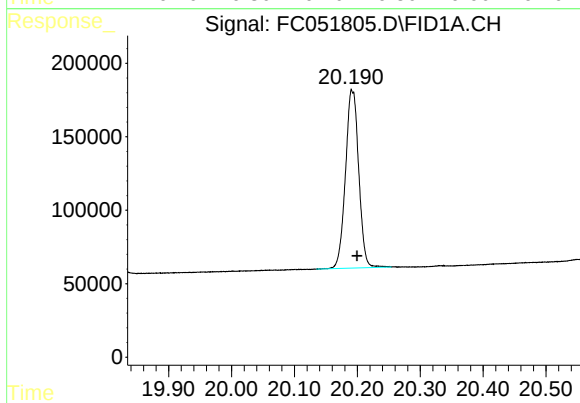
#19 n-Tetratriacontane (C34)

R.T.: 19.453 min

Delta R.T.: -0.006 min

Response: 1799890

Conc: 19.02 ug/ml



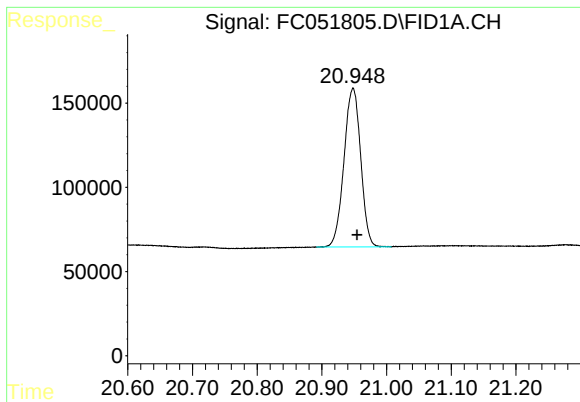
#20 n-Hexatriacontane (C36)

R.T.: 20.192 min

Delta R.T.: -0.008 min

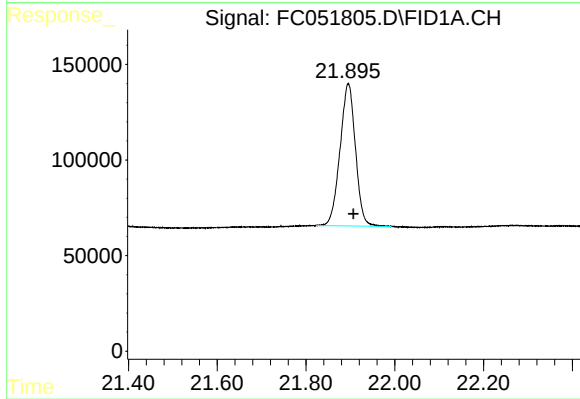
Response: 1770478

Conc: 20.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.948 min
Delta R.T.: -0.006 min
Response: 1691121
Conc: 20.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.895 min
Delta R.T.: -0.011 min
Response: 1796158
Conc: 21.02 ug/ml