

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020321AL\
 Data File : FC051881.D
 Signal(s) : FID1A.CH
 Acq On : 03 Feb 2021 9:37
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 03 12:48:05 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	2424902	19.008 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
12) S 1-chlorooctadecane (S...	13.128	1923997	18.679 ug/ml
Spiked Amount 50.000		Recovery =	37.36%
Target Compounds			
1) T n-Nonane (C9)	3.445	2249578	20.521 ug/ml
2) T n-Decane (C10)	4.516	2276233	20.596 ug/ml
3) T A~Naphthalene (C11.7)	6.109	2555173	20.493 ug/ml
4) T n-Dodecane (C12)	6.536	2326586	20.655 ug/ml
5) T A~2-methylnaphthalene...	7.167	2605659	20.385 ug/ml
6) T n-Tetradecane (C14)	8.332	2339606	20.542 ug/ml
7) T n-Hexadecane (C16)	9.932	2295056	20.203 ug/ml
8) T n-Octadecane (C18)	11.374	2351643	19.727 ug/ml
10) T n-Eicosane (C20)	12.683	2316077	19.147 ug/ml
11) T n-Heneicosane (C21)	13.294	2282435	18.788 ug/ml
13) T n-Docosane (C22)	13.881	2245987	18.468 ug/ml
14) T n-Tetracosane (C24)	14.984	2159150	17.717 ug/ml
15) T n-Hexacosane (C26)	16.005	2042463	17.064 ug/ml
16) T n-Octacosane (C28)	16.955	1937434	16.560 ug/ml
17) T n-Tricontane (C30)	17.842	1870550	16.660 ug/ml
18) T n-Dotriacontane (C32)	18.674	1797428	17.371 ug/ml
19) T n-Tetratriacontane (C34)	19.457	1778361	18.790 ug/ml
20) T n-Hexatriacontane (C36)	20.195	1726545	19.827 ug/mlm
21) T n-Octatriacontane (C38)	20.954	1708986	20.823 ug/ml
22) T n-Tetracontane (C40)	21.902	1792609	20.982 ug/ml

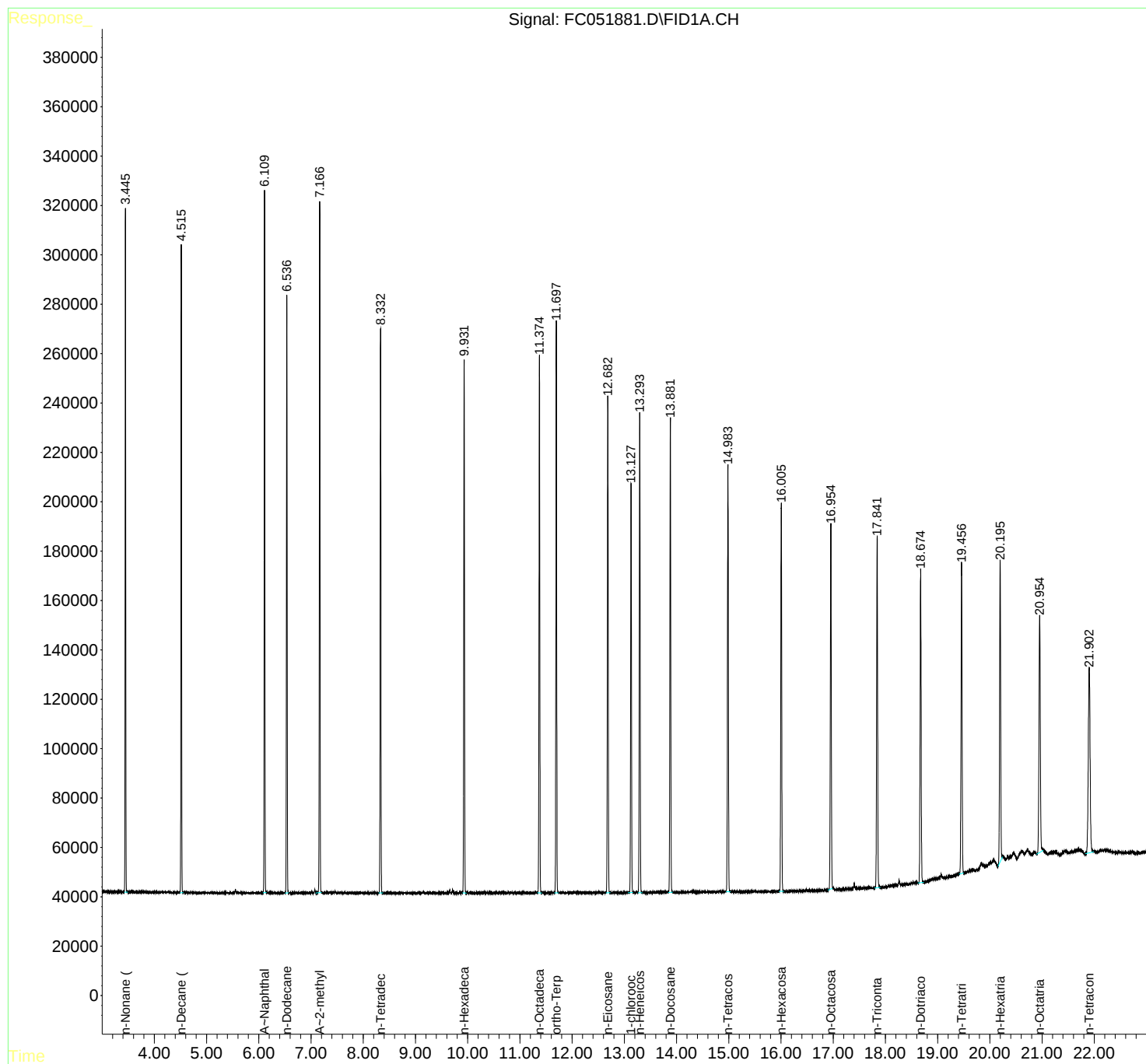
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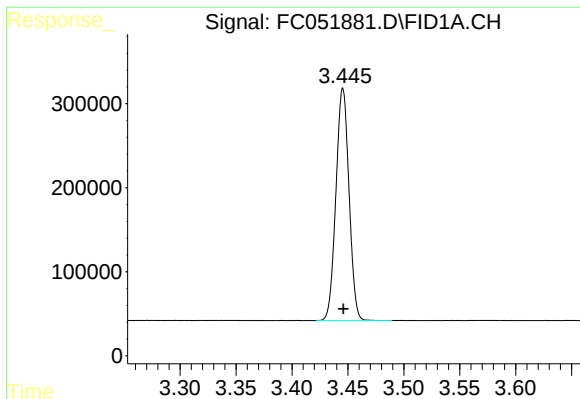
(m)=manual int.

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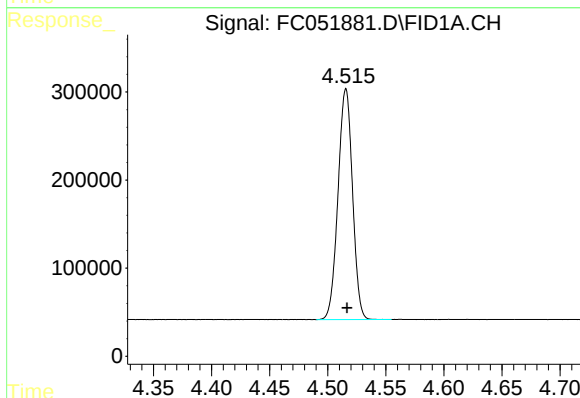
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Signal Info : 20M x 0.18mm x 0.18um





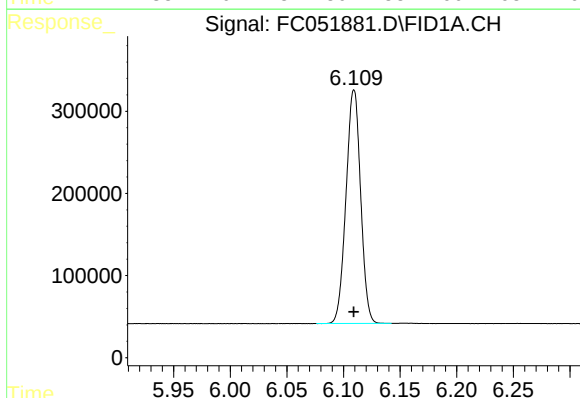
#1 n-Nonane (C9)

R.T.: 3.445 min
Delta R.T.: 0.000 min
Response: 2249578
Conc: 20.52 ug/ml



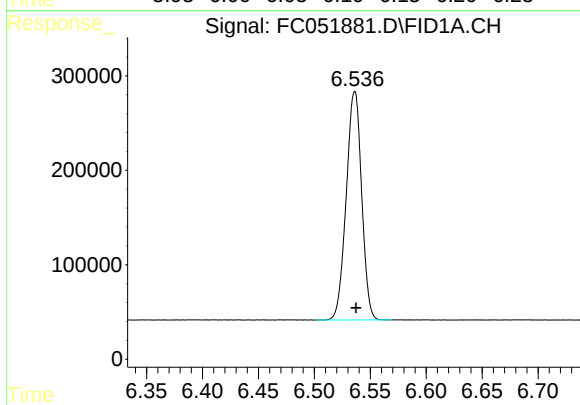
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 2276233
Conc: 20.60 ug/ml



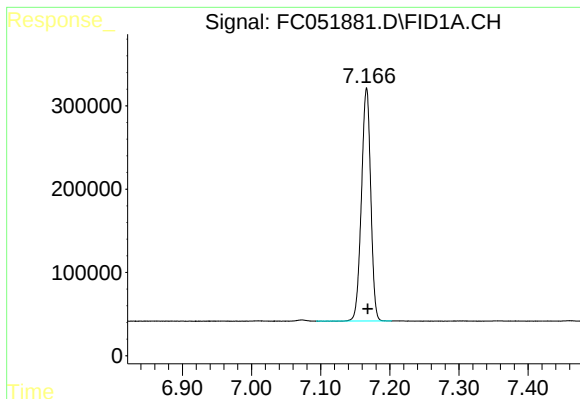
#3 A~Naphthalene (C11.7)

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 2555173
Conc: 20.49 ug/ml



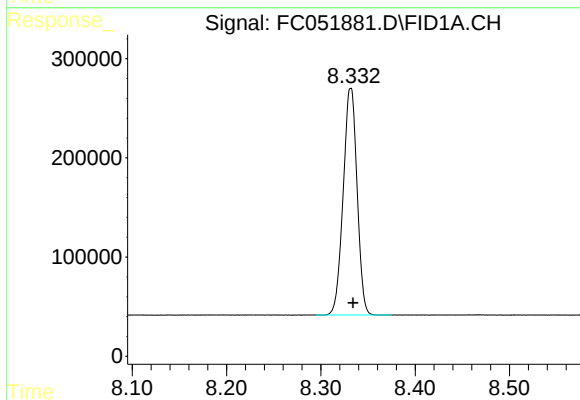
#4 n-Dodecane (C12)

R.T.: 6.536 min
Delta R.T.: -0.001 min
Response: 2326586
Conc: 20.66 ug/ml



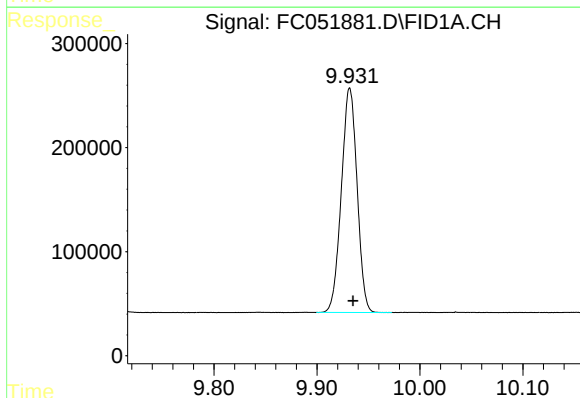
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.167 min
Delta R.T.: -0.001 min
Response: 2605659
Conc: 20.38 ug/ml



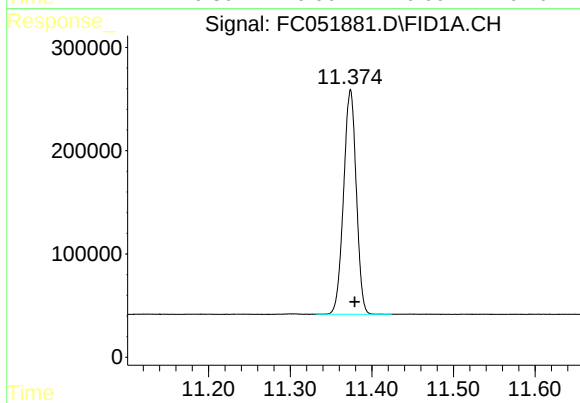
#6 n-Tetradecane (C14)

R.T.: 8.332 min
Delta R.T.: -0.002 min
Response: 2339606
Conc: 20.54 ug/ml



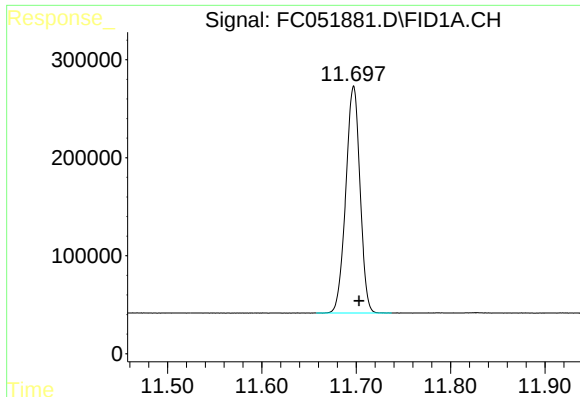
#7 n-Hexadecane (C16)

R.T.: 9.932 min
Delta R.T.: -0.003 min
Response: 2295056
Conc: 20.20 ug/ml



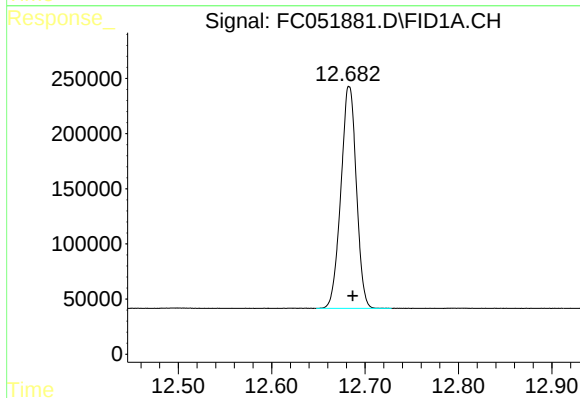
#8 n-Octadecane (C18)

R.T.: 11.374 min
Delta R.T.: -0.005 min
Response: 2351643
Conc: 19.73 ug/ml



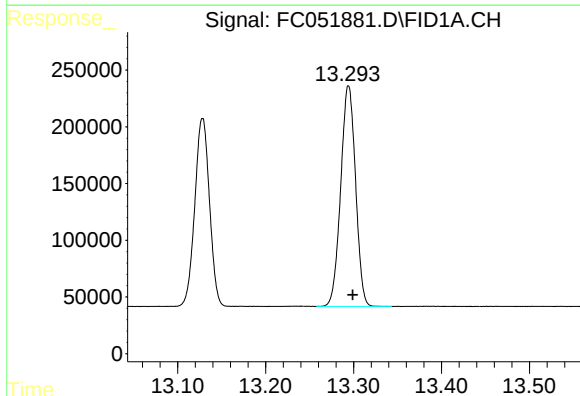
#9 ortho-Terphenyl (SURR)

R.T.: 11.697 min
Delta R.T.: -0.005 min
Response: 2424902
Conc: 19.01 ug/ml



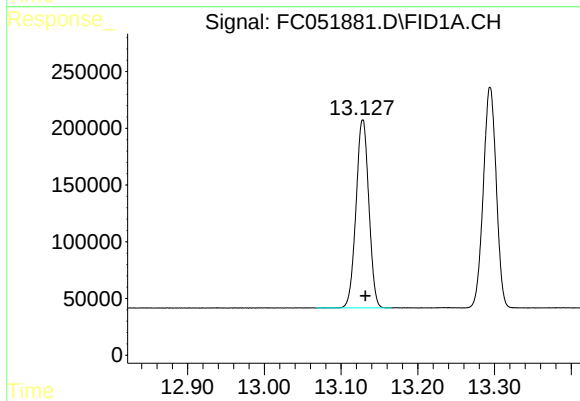
#10 n-Eicosane (C20)

R.T.: 12.683 min
Delta R.T.: -0.004 min
Response: 2316077
Conc: 19.15 ug/ml



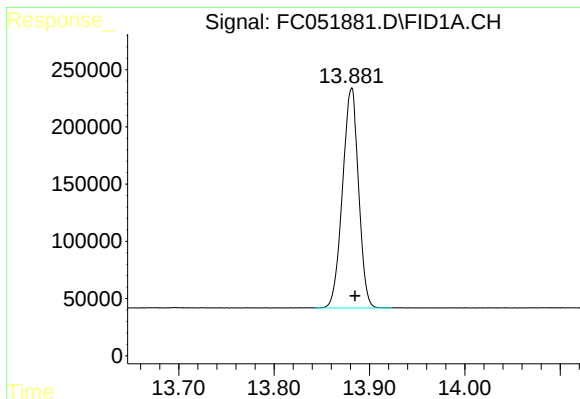
#11 n-Heneicosane (C21)

R.T.: 13.294 min
Delta R.T.: -0.005 min
Response: 2282435
Conc: 18.79 ug/ml



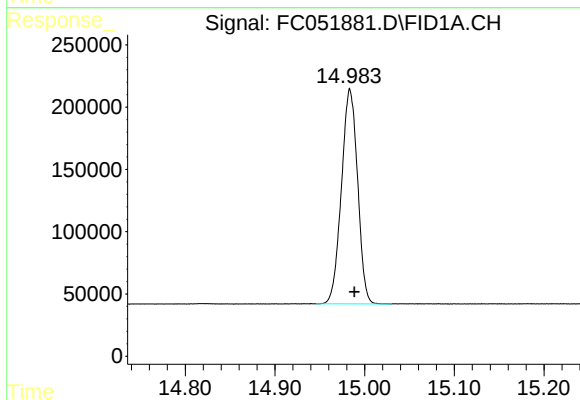
#12 1-chlorooctadecane (SURR)

R.T.: 13.128 min
Delta R.T.: -0.004 min
Response: 1923997
Conc: 18.68 ug/ml



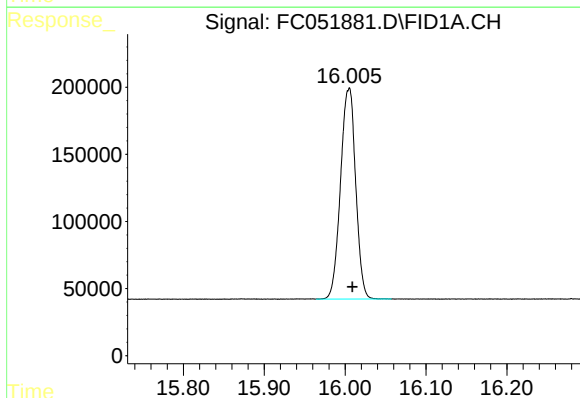
#13 n-Docosane (C22)

R.T.: 13.881 min
Delta R.T.: -0.004 min
Response: 2245987
Conc: 18.47 ug/ml



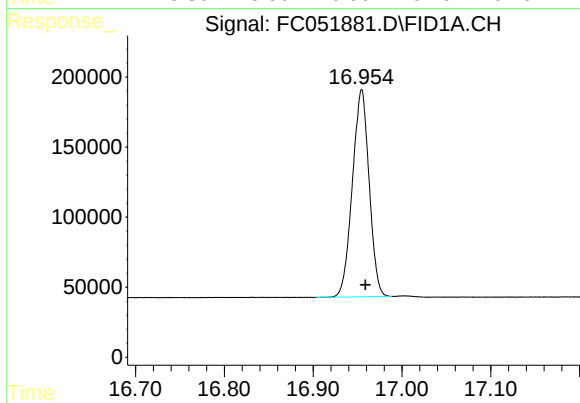
#14 n-Tetracosane (C24)

R.T.: 14.984 min
Delta R.T.: -0.005 min
Response: 2159150
Conc: 17.72 ug/ml



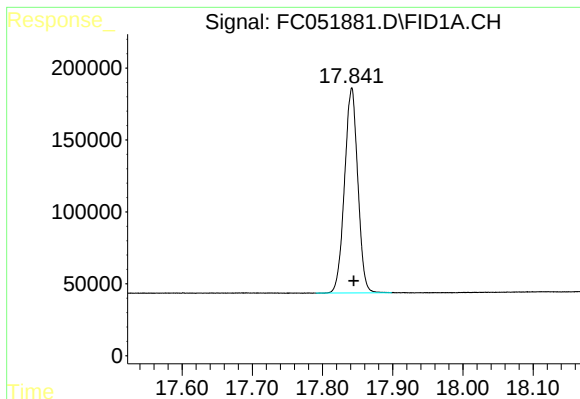
#15 n-Hexacosane (C26)

R.T.: 16.005 min
Delta R.T.: -0.004 min
Response: 2042463
Conc: 17.06 ug/ml



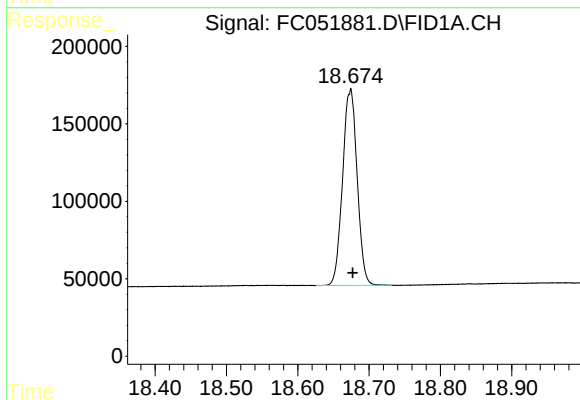
#16 n-Octacosane (C28)

R.T.: 16.955 min
Delta R.T.: -0.004 min
Response: 1937434
Conc: 16.56 ug/ml



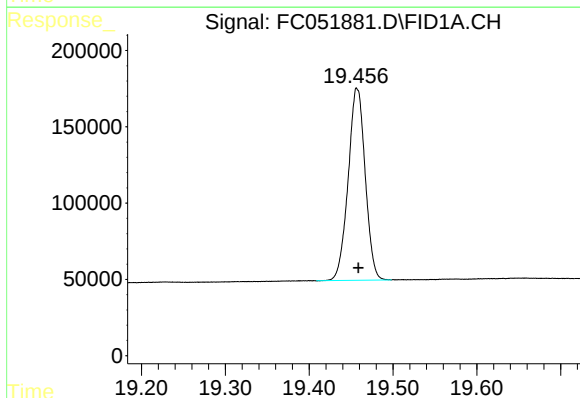
#17 n-Tricontane (C30)

R.T.: 17.842 min
Delta R.T.: -0.003 min
Response: 1870550
Conc: 16.66 ug/ml



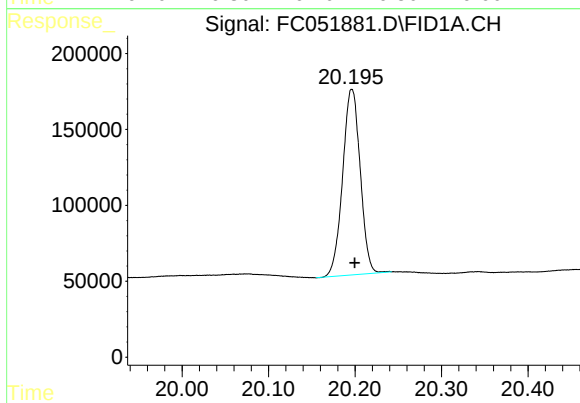
#18 n-Dotriacontane (C32)

R.T.: 18.674 min
Delta R.T.: -0.003 min
Response: 1797428
Conc: 17.37 ug/ml



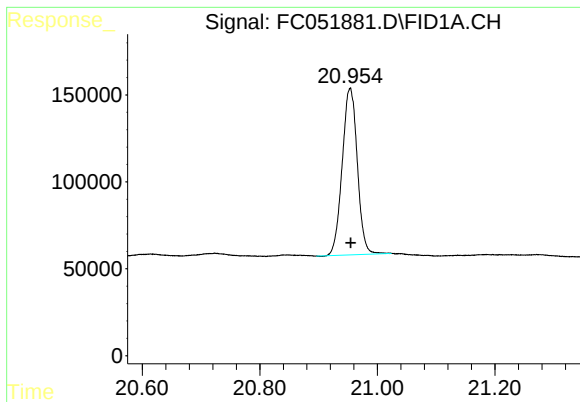
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: -0.002 min
Response: 1778361
Conc: 18.79 ug/ml



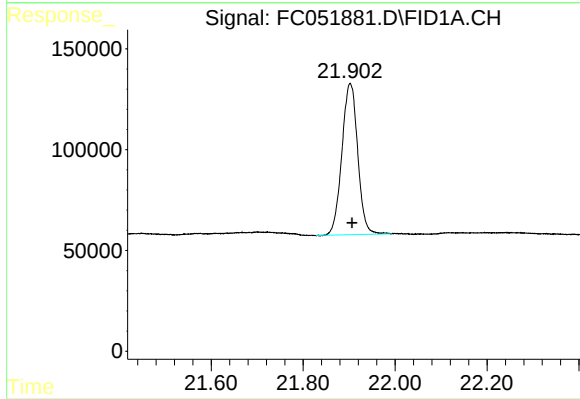
#20 n-Hexatriacontane (C36)

R.T.: 20.195 min
Delta R.T.: -0.004 min
Response: 1726545
Conc: 19.83 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.954 min
Delta R.T.: 0.000 min
Response: 1708986
Conc: 20.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.902 min
Delta R.T.: -0.004 min
Response: 1792609
Conc: 20.98 ug/ml