

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012621AL\
 Data File : FC051783.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jan 2021 00:31
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 01:26:46 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)	11.698	2412364	18.910 ug/ml
Spiked Amount 50.000		Recovery =	37.82%
12) S 1-chlorooctadecane (S...	13.130	1910164	18.544 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
Target Compounds			
1) T n-Nonane (C9)	3.445	2224440	20.292 ug/ml
2) T n-Decane (C10)	4.515	2256607	20.418 ug/ml
3) T A~Naphthalene (C11.7)	6.110	2541898	20.386 ug/ml
4) T n-Dodecane (C12)	6.536	2304985	20.464 ug/ml
5) T A~2-methylnaphthalene...	7.167	2592772	20.284 ug/ml
6) T n-Tetradecane (C14)	8.331	2316743	20.341 ug/ml
7) T n-Hexadecane (C16)	9.933	2273840	20.016 ug/ml
8) T n-Octadecane (C18)	11.374	2332471	19.566 ug/ml
10) T n-Eicosane (C20)	12.683	2292557	18.952 ug/ml
11) T n-Heneicosane (C21)	13.295	2260807	18.610 ug/ml
13) T n-Docosane (C22)	13.882	2225421	18.299 ug/ml
14) T n-Tetracosane (C24)	14.985	2154438	17.678 ug/ml
15) T n-Hexacosane (C26)	16.006	2043034	17.069 ug/ml
16) T n-Octacosane (C28)	16.956	1962394	16.773 ug/ml
17) T n-Tricontane (C30)	17.843	1902184	16.941 ug/ml
18) T n-Dotriacontane (C32)	18.676	1826948	17.656 ug/ml
19) T n-Tetratriacontane (C34)	19.459	1911607	20.198 ug/ml
20) T n-Hexatriacontane (C36)	20.198	2224928	25.550 ug/ml
21) T n-Octatriacontane (C38)	20.955	2352128	28.659 ug/ml
22) T n-Tetracontane (C40)	21.904	1777745	20.808 ug/ml

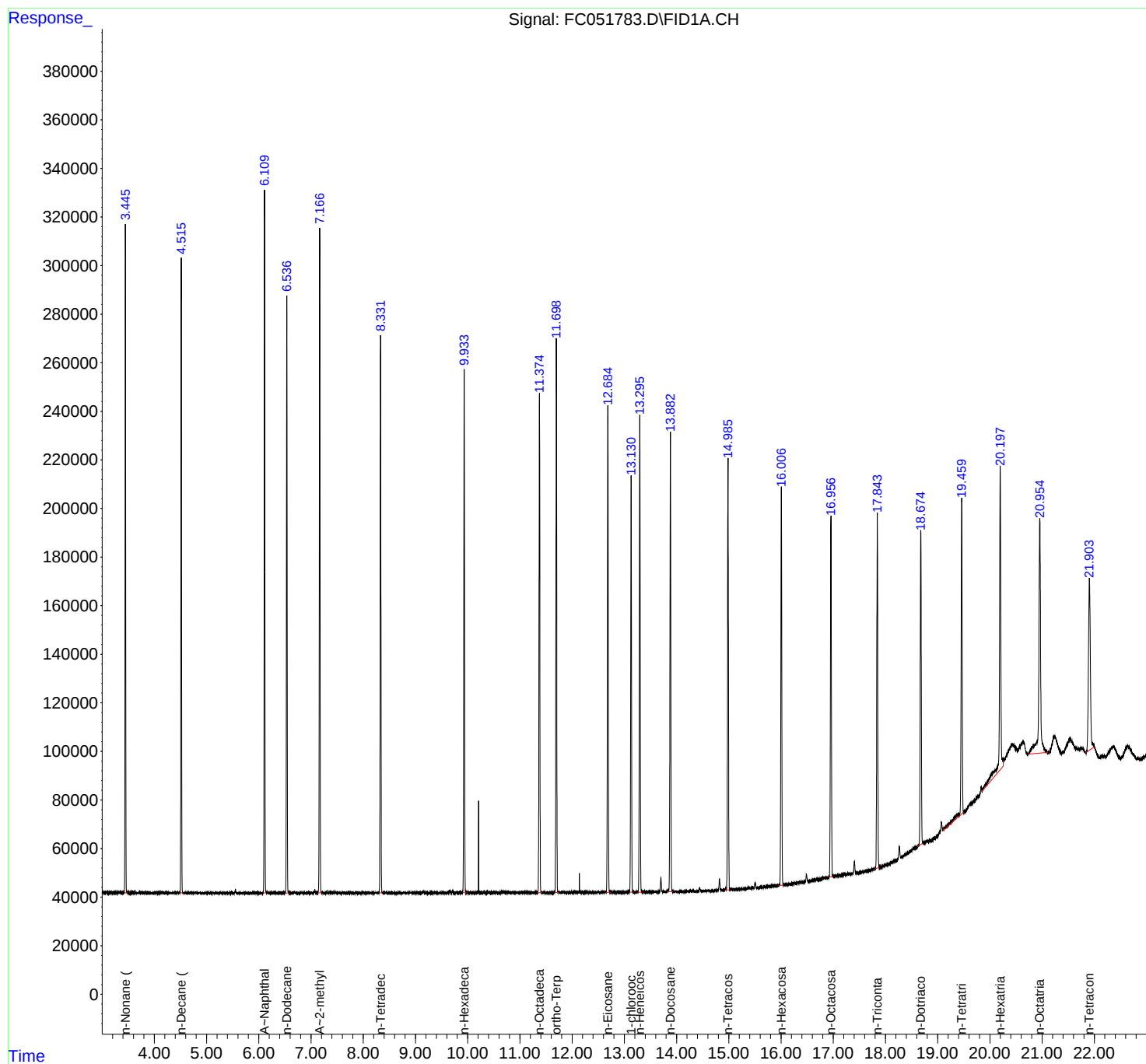
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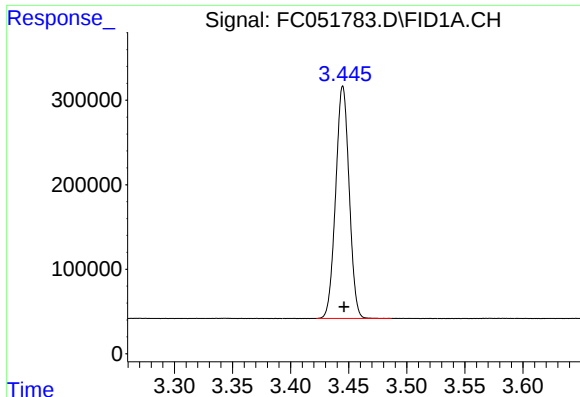
(m)=manual int.

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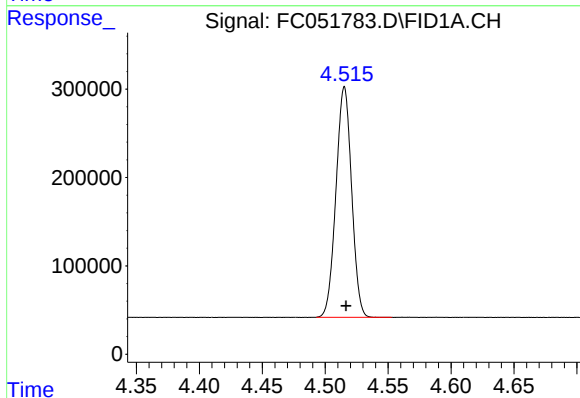
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





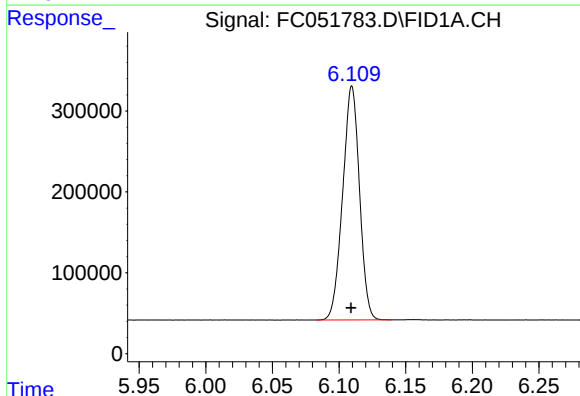
#1 n-Nonane (C9)

R.T.: 3.445 min
Delta R.T.: 0.000 min
Response: 2224440
Conc: 20.29 ug/ml



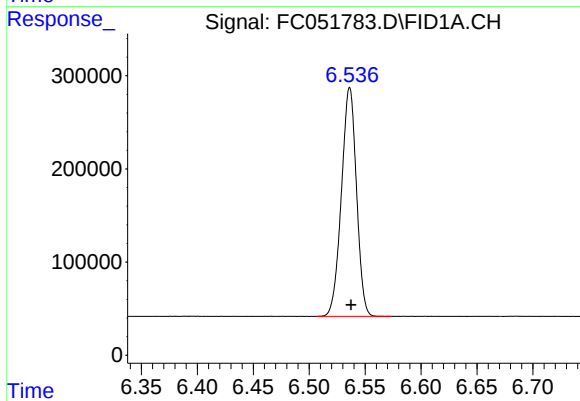
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 2256607
Conc: 20.42 ug/ml



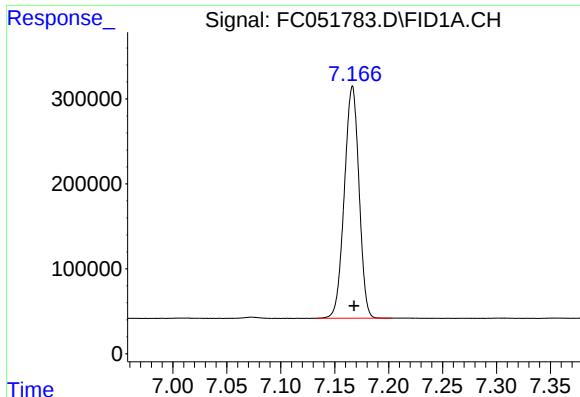
#3 A~Naphthalene (C11.7)

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 2541898
Conc: 20.39 ug/ml



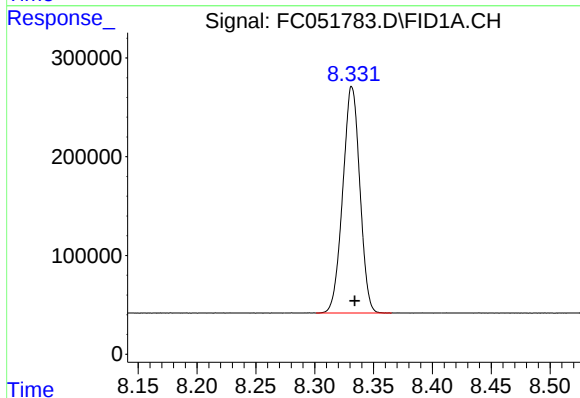
#4 n-Dodecane (C12)

R.T.: 6.536 min
Delta R.T.: -0.001 min
Response: 2304985
Conc: 20.46 ug/ml



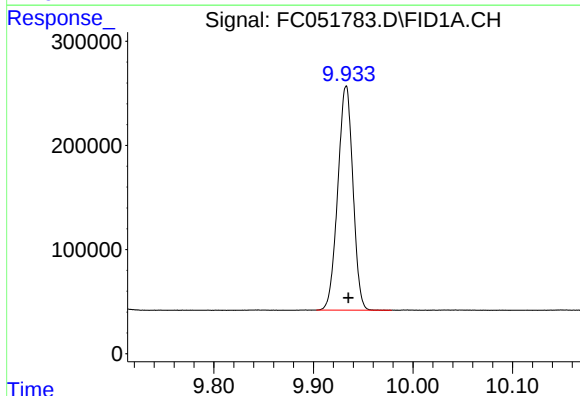
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.167 min
Delta R.T.: -0.001 min
Response: 2592772
Conc: 20.28 ug/ml



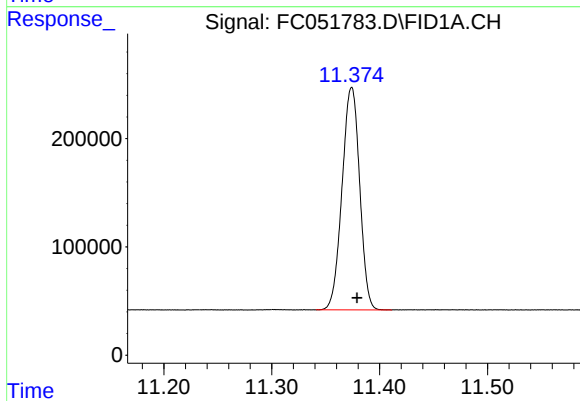
#6 n-Tetradecane (C14)

R.T.: 8.331 min
Delta R.T.: -0.003 min
Response: 2316743
Conc: 20.34 ug/ml



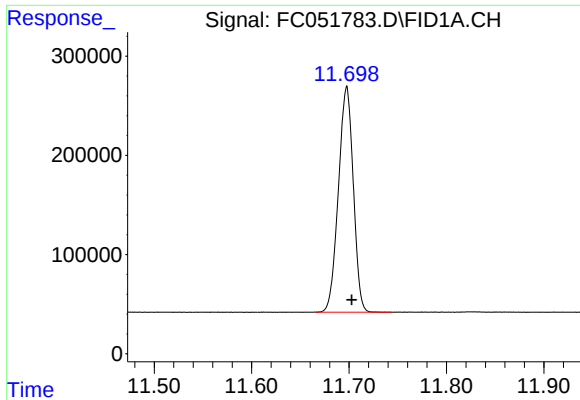
#7 n-Hexadecane (C16)

R.T.: 9.933 min
Delta R.T.: -0.002 min
Response: 2273840
Conc: 20.02 ug/ml



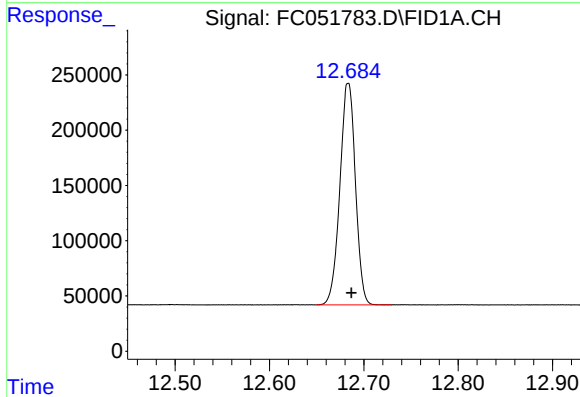
#8 n-Octadecane (C18)

R.T.: 11.374 min
Delta R.T.: -0.005 min
Response: 2332471
Conc: 19.57 ug/ml



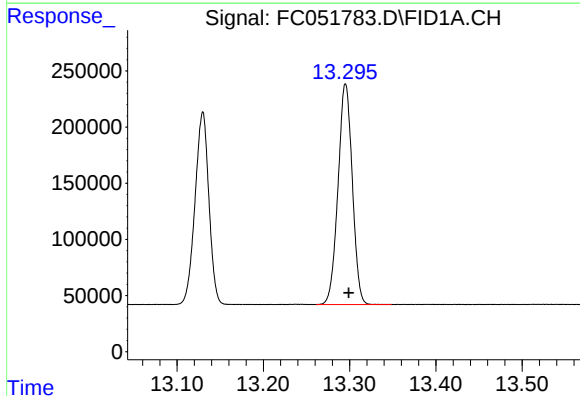
#9 ortho-Terphenyl (SURR)

R.T.: 11.698 min
Delta R.T.: -0.005 min
Response: 2412364
Conc: 18.91 ug/ml



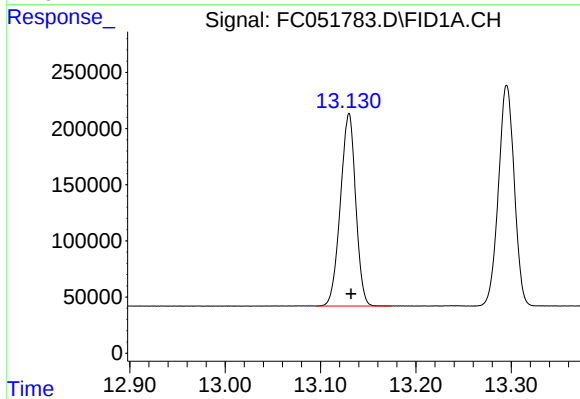
#10 n-Eicosane (C20)

R.T.: 12.683 min
Delta R.T.: -0.003 min
Response: 2292557
Conc: 18.95 ug/ml



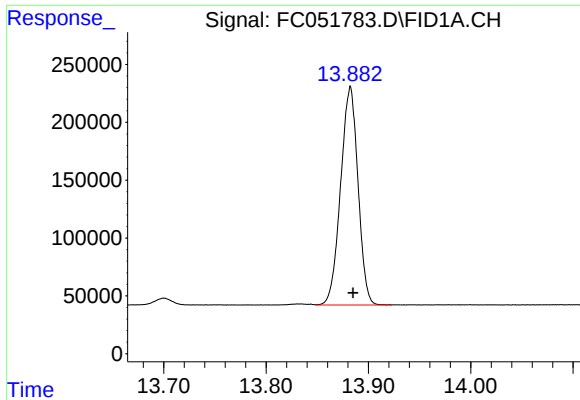
#11 n-Heneicosane (C21)

R.T.: 13.295 min
Delta R.T.: -0.004 min
Response: 2260807
Conc: 18.61 ug/ml



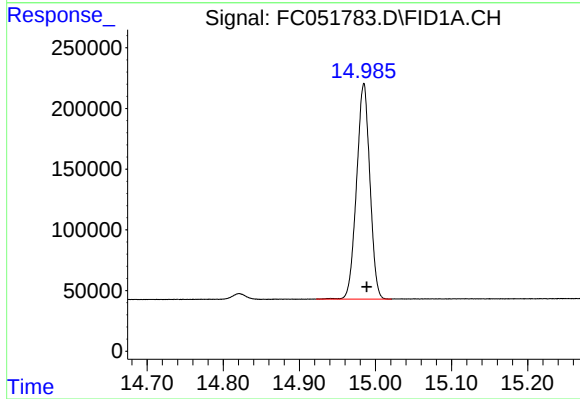
#12 1-chlorooctadecane (SURR)

R.T.: 13.130 min
Delta R.T.: -0.002 min
Response: 1910164
Conc: 18.54 ug/ml



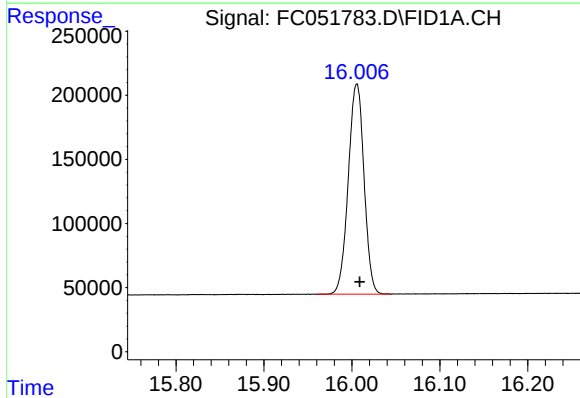
#13 n-Docosane (C22)

R.T.: 13.882 min
Delta R.T.: -0.003 min
Response: 2225421
Conc: 18.30 ug/ml



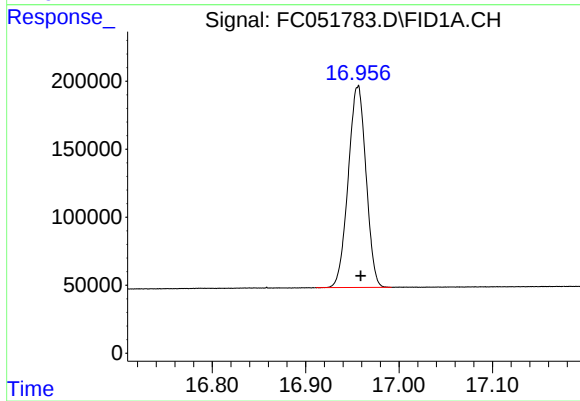
#14 n-Tetracosane (C24)

R.T.: 14.985 min
Delta R.T.: -0.004 min
Response: 2154438
Conc: 17.68 ug/ml



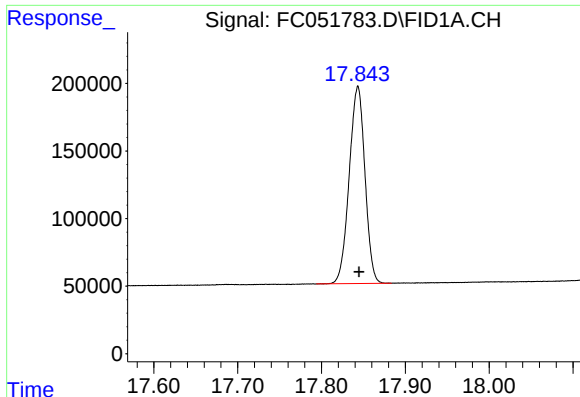
#15 n-Hexacosane (C26)

R.T.: 16.006 min
Delta R.T.: -0.003 min
Response: 2043034
Conc: 17.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.956 min
Delta R.T.: -0.003 min
Response: 1962394
Conc: 16.77 ug/ml



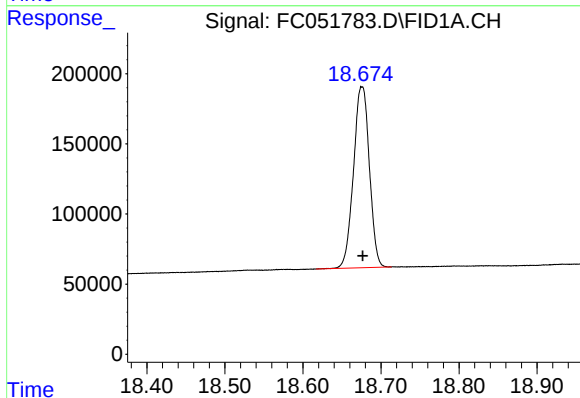
#17 n-Tricontane (C30)

R.T.: 17.843 min

Delta R.T.: -0.001 min

Response: 1902184

Conc: 16.94 ug/ml



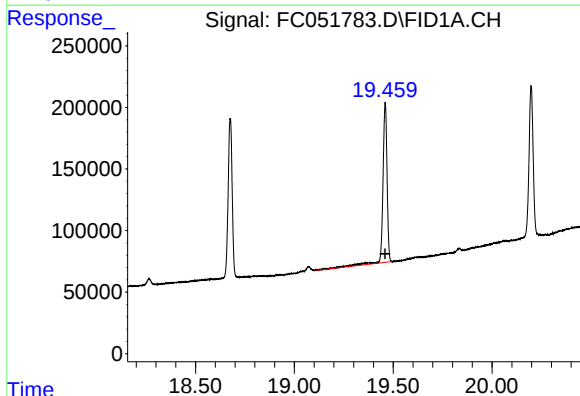
#18 n-Dotriacontane (C32)

R.T.: 18.676 min

Delta R.T.: -0.001 min

Response: 1826948

Conc: 17.66 ug/ml



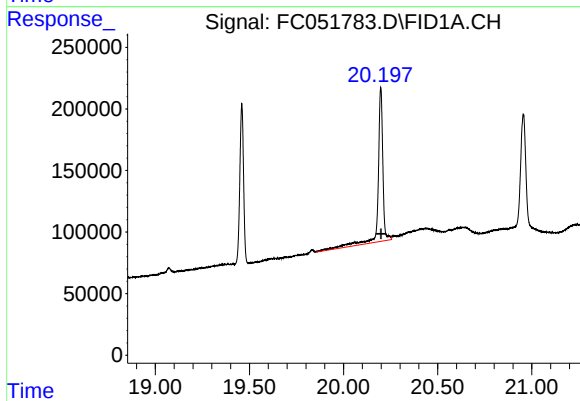
#19 n-Tetratriacontane (C34)

R.T.: 19.459 min

Delta R.T.: 0.000 min

Response: 1911607

Conc: 20.20 ug/ml



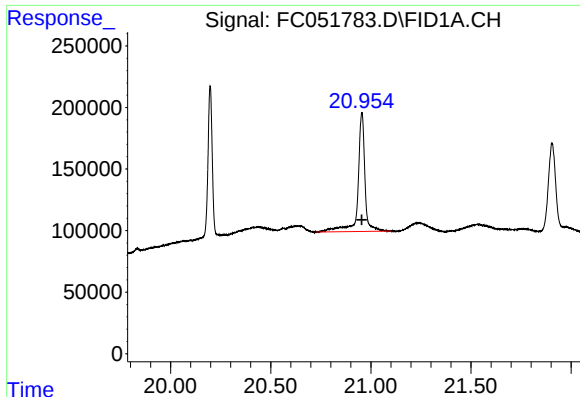
#20 n-Hexatriacontane (C36)

R.T.: 20.198 min

Delta R.T.: -0.002 min

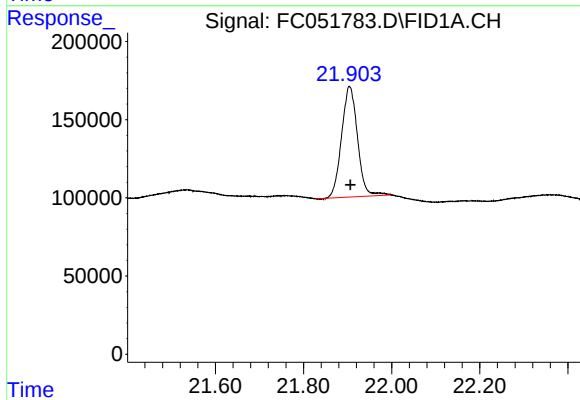
Response: 2224928

Conc: 25.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.955 min
Delta R.T.: 0.000 min
Response: 2352128
Conc: 28.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.904 min
Delta R.T.: -0.002 min
Response: 1777745
Conc: 20.81 ug/ml