

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021422AL\
 Data File : FC058296.D
 Signal(s) : FID1A.CH
 Acq On : 14 Feb 2022 11:33
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 14 13:17:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021422.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 14 13:16:38 2022
 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)	11.418	136755508	102.570 ug/ml
Spiked Amount 50.000		Recovery =	205.14%
12) S 1-chlorooctadecane (S...	12.846	101002879	104.732 ug/ml
Spiked Amount 50.000		Recovery =	209.46%
Target Compounds			
1) T n-Nonane (C9)	3.368	117045929	98.382 ug/ml
2) T n-Decane (C10)	4.342	120773012	101.356 ug/ml
3) T A~Naphthalene (C11.7)	5.863	132070484	100.532 ug/ml
4) T n-Dodecane (C12)	6.298	121154516	99.342 ug/ml
5) T A~2-methylnaphthalene...	6.908	130389170	101.797 ug/ml
6) T n-Tetradecane (C14)	8.078	121638620	100.150 ug/ml
7) T n-Hexadecane (C16)	9.669	120574953	100.765 ug/ml
8) T n-Octadecane (C18)	11.110	122156540	101.194 ug/ml
10) T n-Eicosane (C20)	12.408	119226861	101.887 ug/ml
11) T n-Heneicosane (C21)	13.020	119823564	102.648 ug/ml
13) T n-Docosane (C22)	13.602	118327836	103.580 ug/ml
14) T n-Tetracosane (C24)	14.700	117412741	105.405 ug/ml
15) T n-Hexacosane (C26)	15.716	113624980	106.669 ug/ml
16) T n-Octacosane (C28)	16.662	110251703	106.545 ug/ml
17) T n-Tricontane (C30)	17.545	104026348	105.786 ug/ml
18) T n-Dotriacontane (C32)	18.370	90540847	104.281 ug/ml
19) T n-Tetratriacontane (C34)	19.148	75570965	104.870 ug/ml
20) T n-Hexatriacontane (C36)	19.878	58803178	107.856 ug/ml
21) T n-Octatriacontane (C38)	20.576	43989803	109.560 ug/ml
22) T n-Tetracontane (C40)	21.398	33689623	114.475 ug/ml

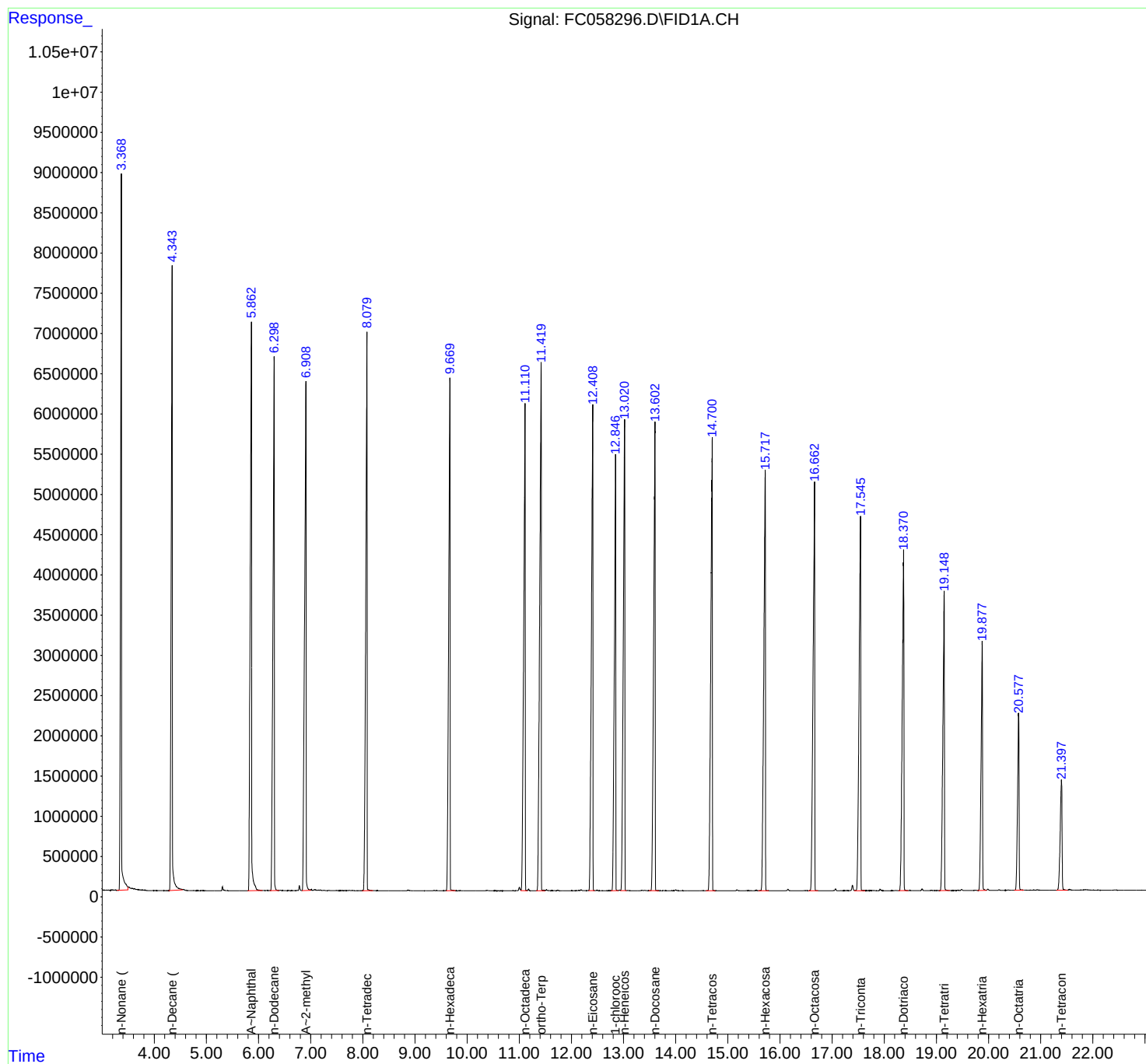
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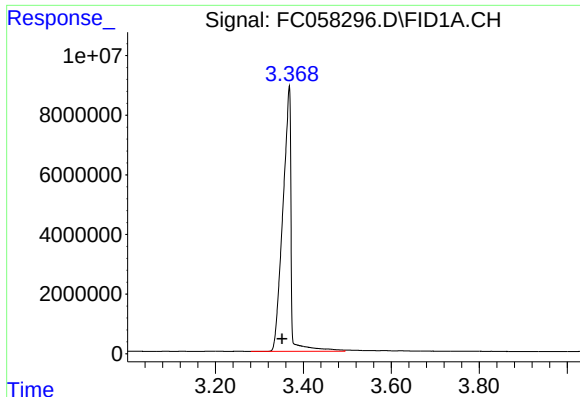
(m)=manual int.

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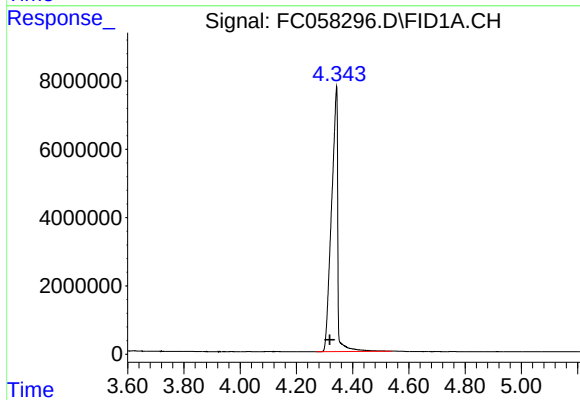
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Signal Info : 20M x 0.18mm x 0.18um





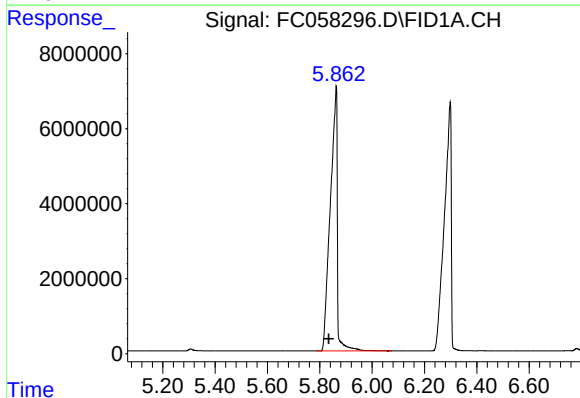
#1 n-Nonane (C9)

R.T.: 3.368 min
Delta R.T.: 0.016 min
Response: 117045929
Conc: 98.38 ug/ml



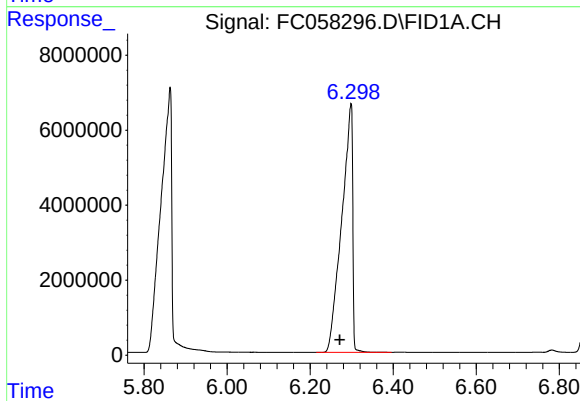
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: 0.023 min
Response: 120773012
Conc: 101.36 ug/ml



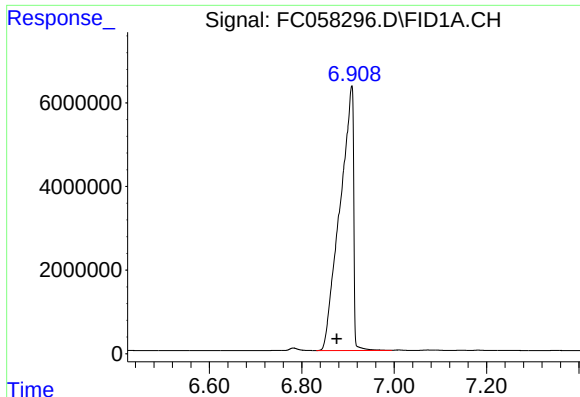
#3 A~Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: 0.029 min
Response: 132070484
Conc: 100.53 ug/ml



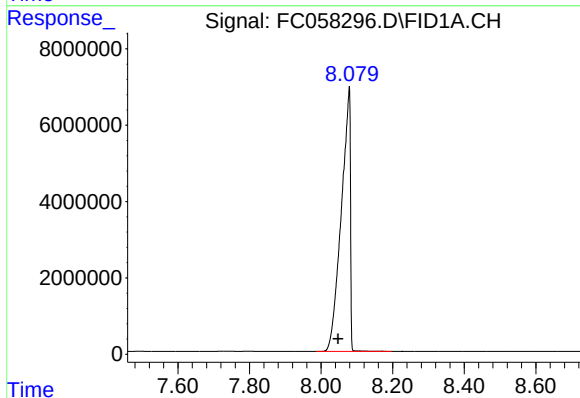
#4 n-Dodecane (C12)

R.T.: 6.298 min
Delta R.T.: 0.027 min
Response: 121154516
Conc: 99.34 ug/ml



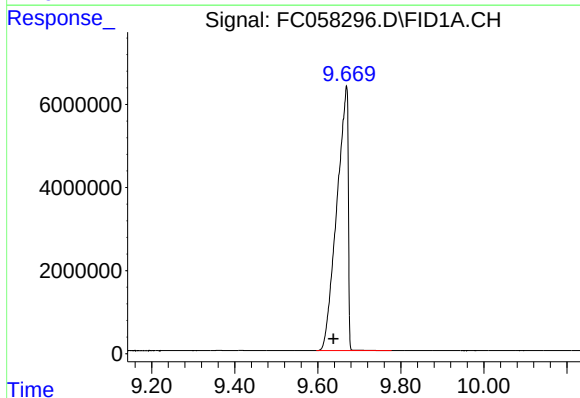
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: 0.032 min
Response: 130389170
Conc: 101.80 ug/ml



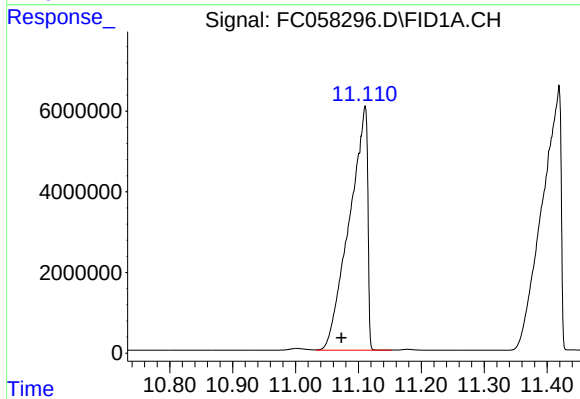
#6 n-Tetradecane (C14)

R.T.: 8.078 min
Delta R.T.: 0.031 min
Response: 121638620
Conc: 100.15 ug/ml



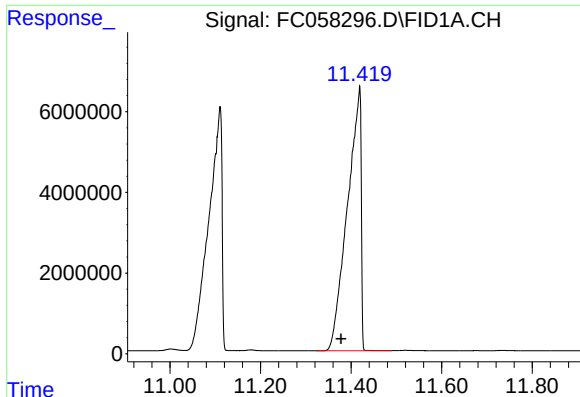
#7 n-Hexadecane (C16)

R.T.: 9.669 min
Delta R.T.: 0.031 min
Response: 120574953
Conc: 100.77 ug/ml



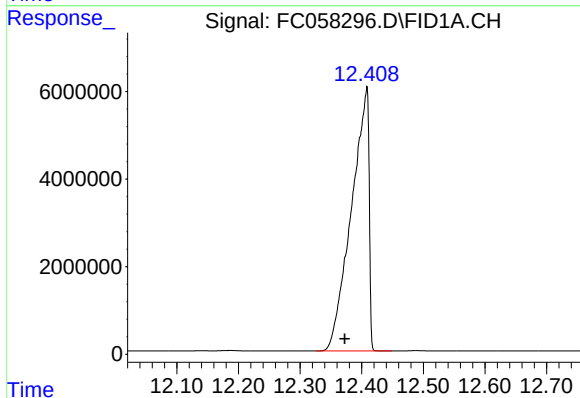
#8 n-Octadecane (C18)

R.T.: 11.110 min
Delta R.T.: 0.038 min
Response: 122156540
Conc: 101.19 ug/ml



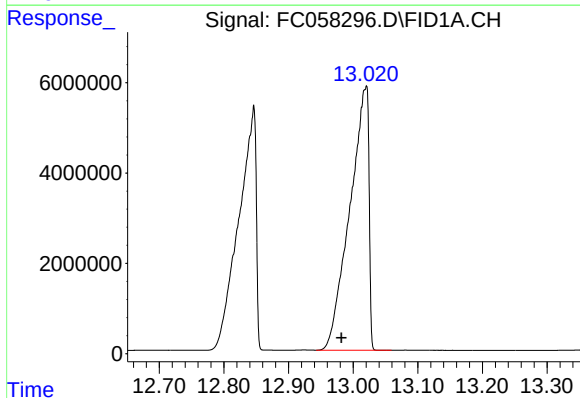
#9 ortho-Terphenyl (SURR)

R.T.: 11.418 min
Delta R.T.: 0.041 min
Response: 136755508
Conc: 102.57 ug/ml



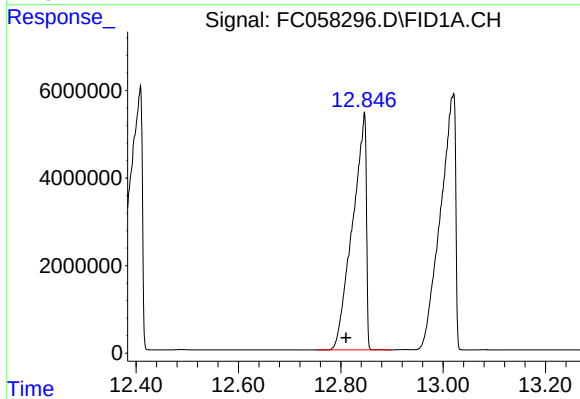
#10 n-Eicosane (C20)

R.T.: 12.408 min
Delta R.T.: 0.036 min
Response: 119226861
Conc: 101.89 ug/ml



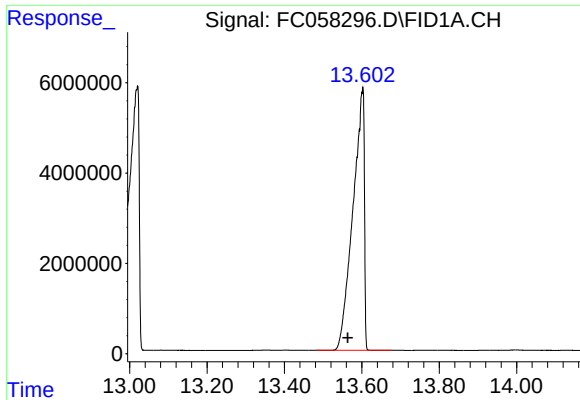
#11 n-Heneicosane (C21)

R.T.: 13.020 min
Delta R.T.: 0.038 min
Response: 119823564
Conc: 102.65 ug/ml



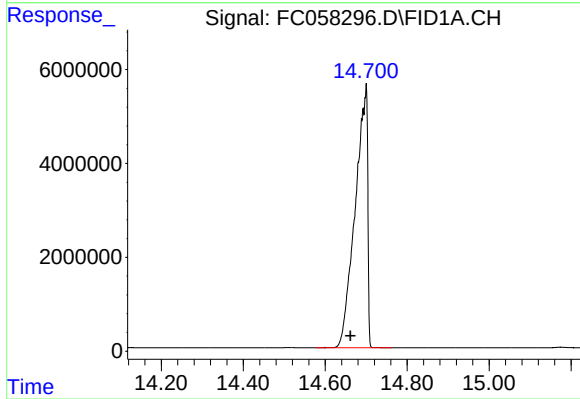
#12 1-chlorooctadecane (SURR)

R.T.: 12.846 min
Delta R.T.: 0.036 min
Response: 101002879
Conc: 104.73 ug/ml



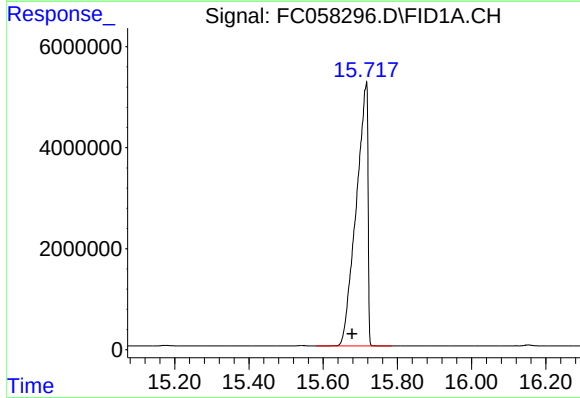
#13 n-Docosane (C22)

R.T.: 13.602 min
Delta R.T.: 0.038 min
Response: 118327836
Conc: 103.58 ug/ml



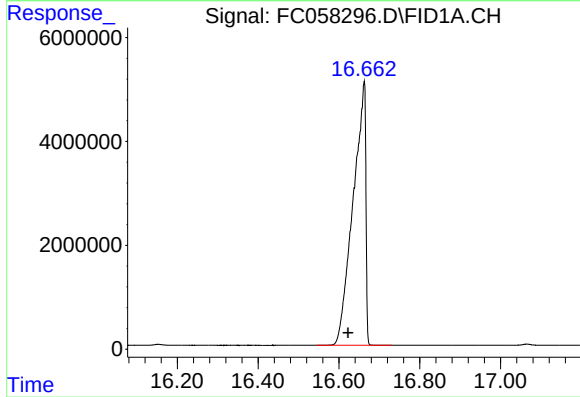
#14 n-Tetracosane (C24)

R.T.: 14.700 min
Delta R.T.: 0.038 min
Response: 117412741
Conc: 105.40 ug/ml



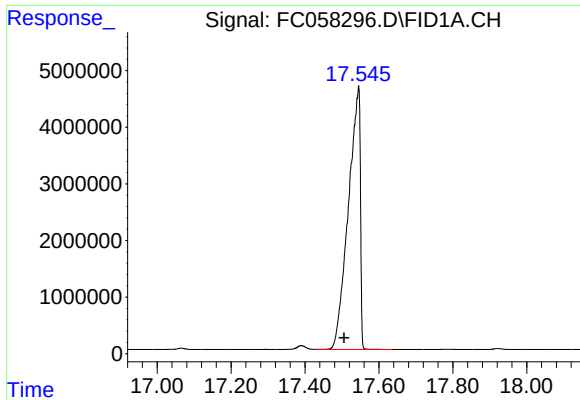
#15 n-Hexacosane (C26)

R.T.: 15.716 min
Delta R.T.: 0.038 min
Response: 113624980
Conc: 106.67 ug/ml



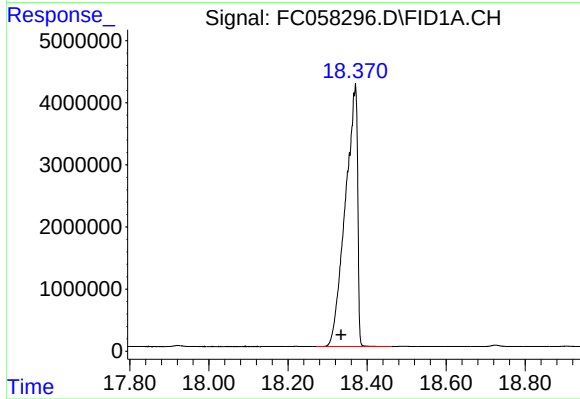
#16 n-Octacosane (C28)

R.T.: 16.662 min
Delta R.T.: 0.040 min
Response: 110251703
Conc: 106.54 ug/ml



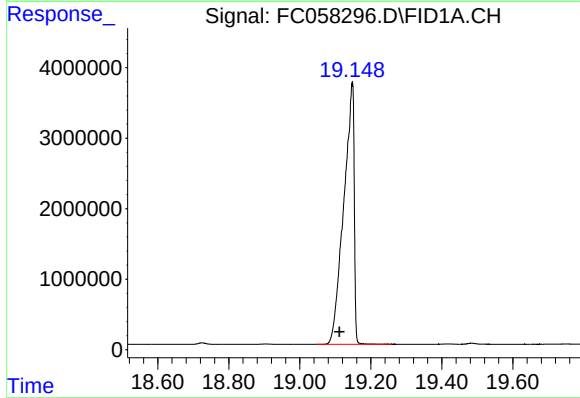
#17 n-Tricontane (C30)

R.T.: 17.545 min
Delta R.T.: 0.039 min
Response: 104026348
Conc: 105.79 ug/ml



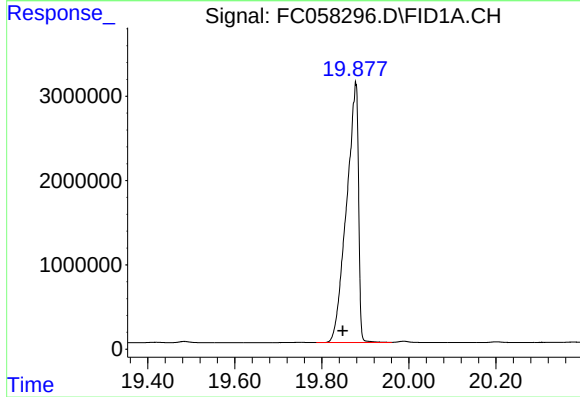
#18 n-Dotriacontane (C32)

R.T.: 18.370 min
Delta R.T.: 0.036 min
Response: 90540847
Conc: 104.28 ug/ml



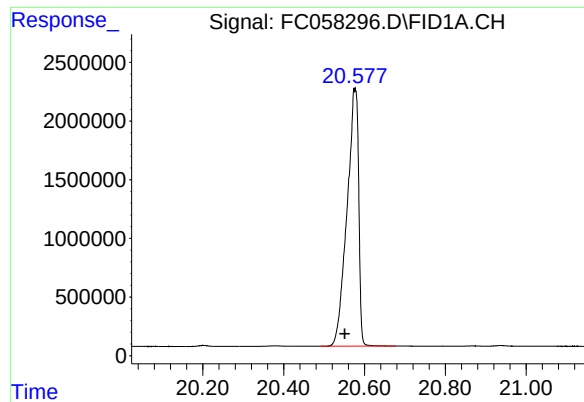
#19 n-Tetratriacontane (C34)

R.T.: 19.148 min
Delta R.T.: 0.036 min
Response: 75570965
Conc: 104.87 ug/ml



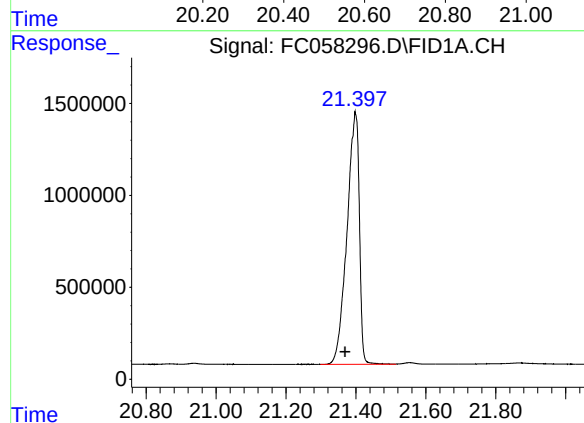
#20 n-Hexatriacontane (C36)

R.T.: 19.878 min
Delta R.T.: 0.030 min
Response: 58803178
Conc: 107.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.576 min
Delta R.T.: 0.025 min
Response: 43989803
Conc: 109.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.398 min
Delta R.T.: 0.029 min
Response: 33689623
Conc: 114.48 ug/ml