

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082621AL\
 Data File : FC055395.D
 Signal(s) : FID1A.CH
 Acq On : 26 Aug 2021 13:34
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 27 01:14:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.301	2304119	18.301 ug/ml
Spiked Amount 50.000		Recovery =	36.60%
12) S 1-chlorooctadecane (S...	12.741	1802517	18.188 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
Target Compounds			
1) T n-Nonane (C9)	3.140	2223029	21.259 ug/ml
2) T n-Decane (C10)	4.189	2298140	21.823 ug/ml
3) T A~Naphthalene (C11.7)	5.754	2304686	21.210 ug/ml
4) T n-Dodecane (C12)	6.188	2349844	21.639 ug/ml
5) T A~2-methylnaphthalene...	6.804	2272107	20.818 ug/ml
6) T n-Tetradecane (C14)	7.971	2340542	20.966 ug/ml
7) T n-Hexadecane (C16)	9.562	2307350	20.231 ug/ml
8) T n-Octadecane (C18)	10.997	2294455	19.457 ug/ml
10) T n-Eicosane (C20)	12.300	2191944	18.670 ug/ml
11) T n-Heneicosane (C21)	12.909	2170889	18.386 ug/ml
13) T n-Docosane (C22)	13.493	2107637	18.045 ug/ml
14) T n-Tetracosane (C24)	14.592	2042386	17.645 ug/ml
15) T n-Hexacosane (C26)	15.608	1974347	17.617 ug/ml
16) T n-Octacosane (C28)	16.554	1971402	18.157 ug/ml
17) T n-Tricontane (C30)	17.439	1971231	18.880 ug/ml
18) T n-Dotriacontane (C32)	18.269	1964262	19.834 ug/ml
19) T n-Tetratriacontane (C34)	19.050	1990887	21.006 ug/ml
20) T n-Hexatriacontane (C36)	19.788	1804706	19.971 ug/ml
21) T n-Octatriacontane (C38)	20.489	2717153	31.447 ug/ml
22) T n-Tetracontane (C40)	21.291	2084159	23.403 ug/ml

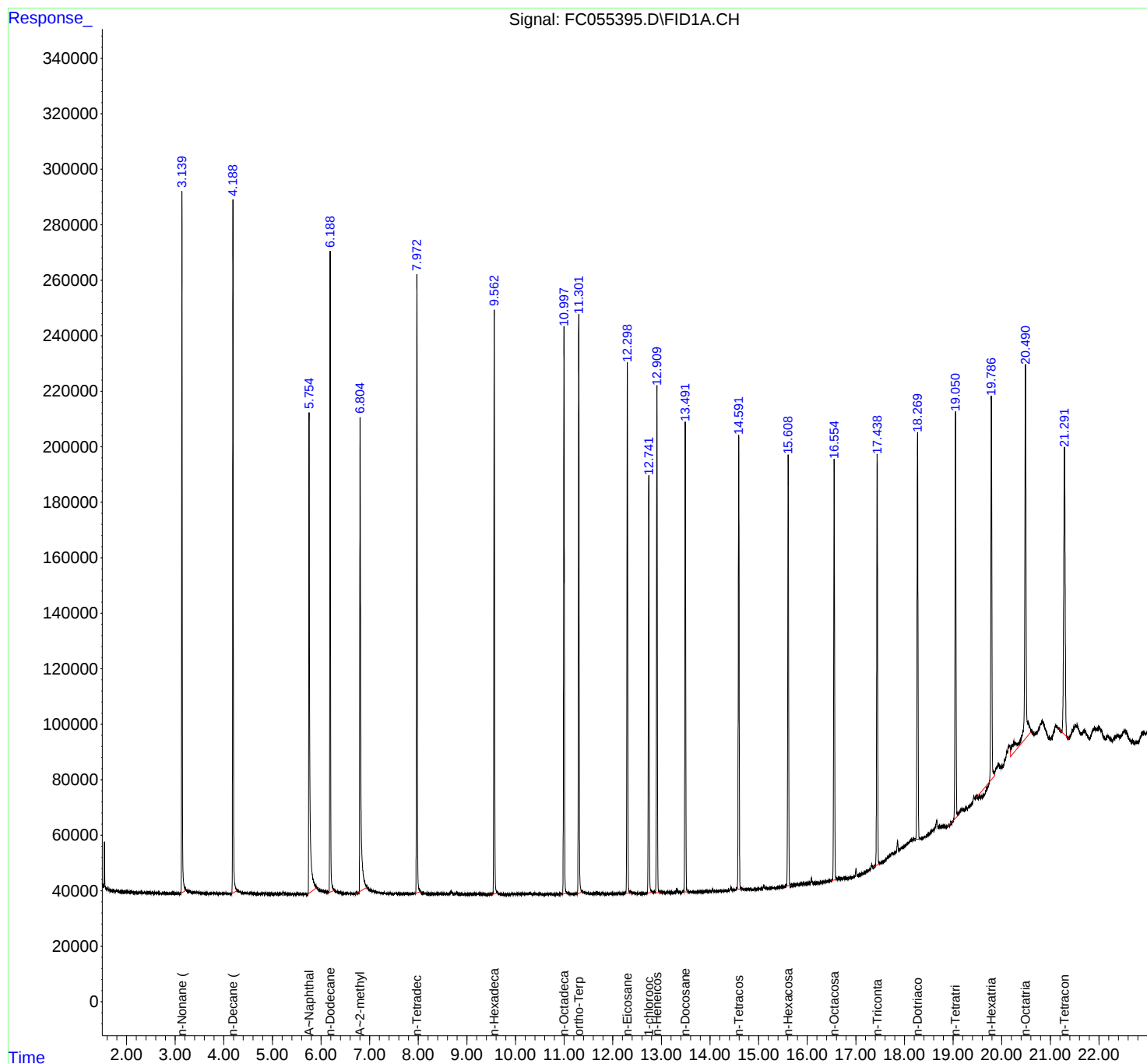
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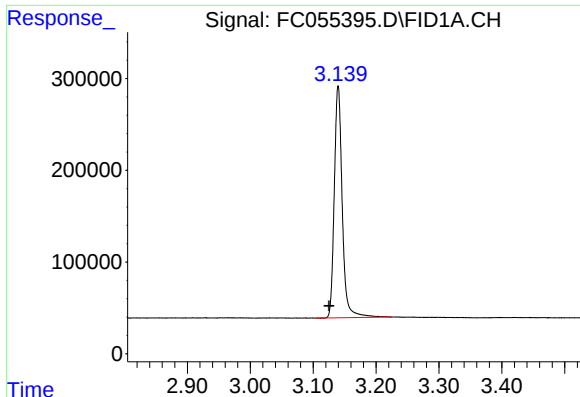
(m)=manual int.

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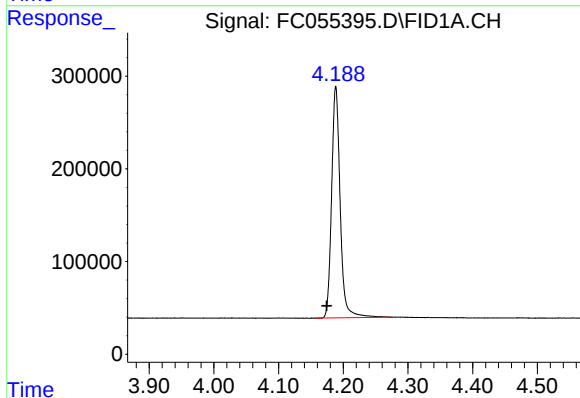
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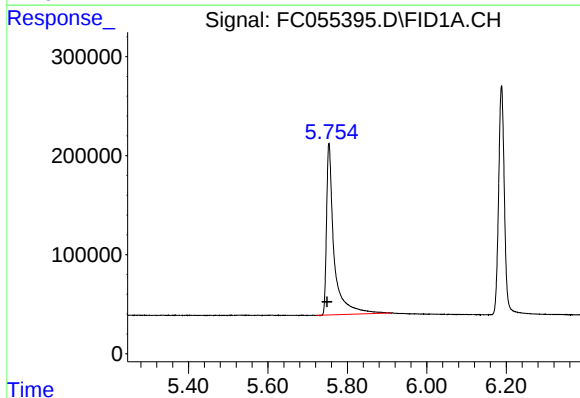
#1 n-Nonane (C9)

R.T.: 3.140 min
Delta R.T.: 0.015 min
Response: 2223029
Conc: 21.26 ug/ml



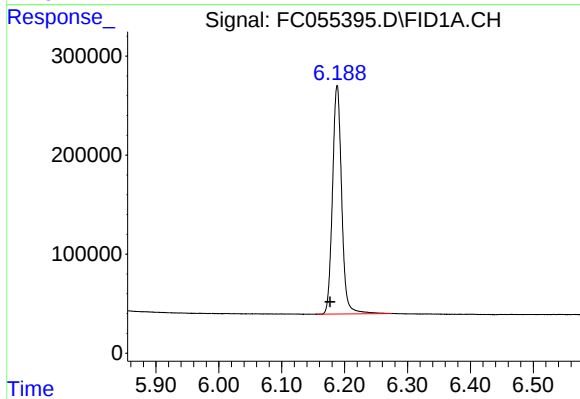
#2 n-Decane (C10)

R.T.: 4.189 min
Delta R.T.: 0.014 min
Response: 2298140
Conc: 21.82 ug/ml



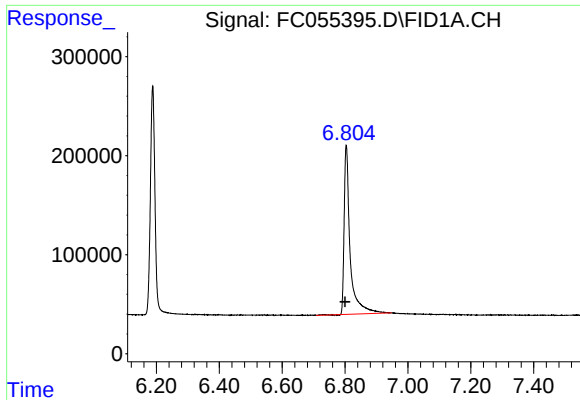
#3 A~Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: 0.006 min
Response: 2304686
Conc: 21.21 ug/ml



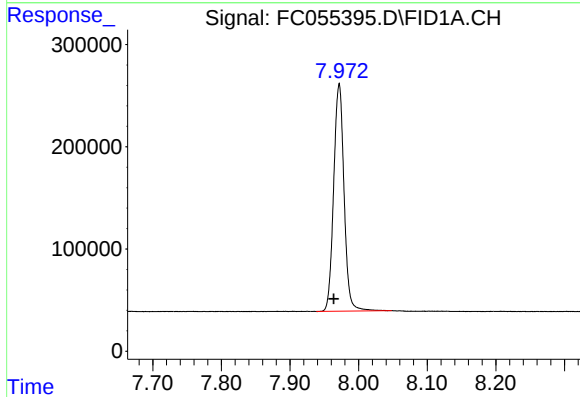
#4 n-Dodecane (C12)

R.T.: 6.188 min
Delta R.T.: 0.011 min
Response: 2349844
Conc: 21.64 ug/ml



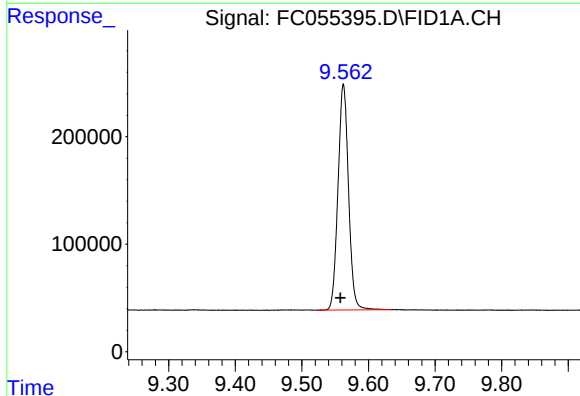
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.804 min
Delta R.T.: 0.004 min
Response: 2272107
Conc: 20.82 ug/ml



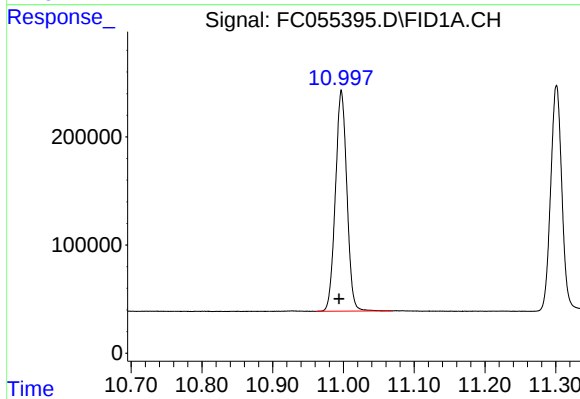
#6 n-Tetradecane (C14)

R.T.: 7.971 min
Delta R.T.: 0.008 min
Response: 2340542
Conc: 20.97 ug/ml



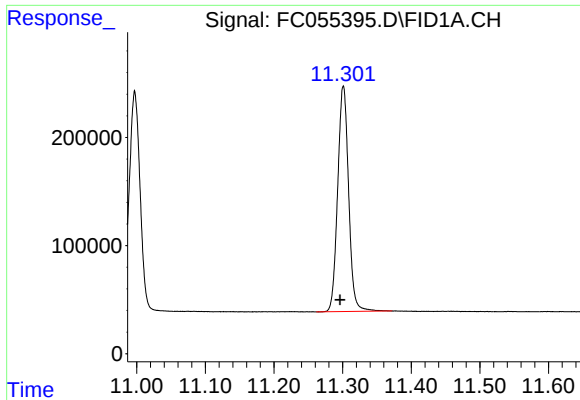
#7 n-Hexadecane (C16)

R.T.: 9.562 min
Delta R.T.: 0.004 min
Response: 2307350
Conc: 20.23 ug/ml



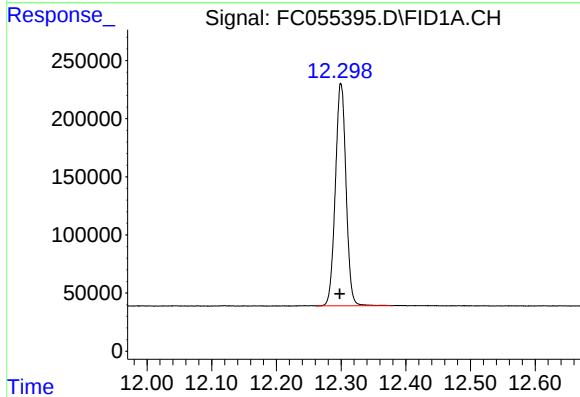
#8 n-Octadecane (C18)

R.T.: 10.997 min
Delta R.T.: 0.003 min
Response: 2294455
Conc: 19.46 ug/ml



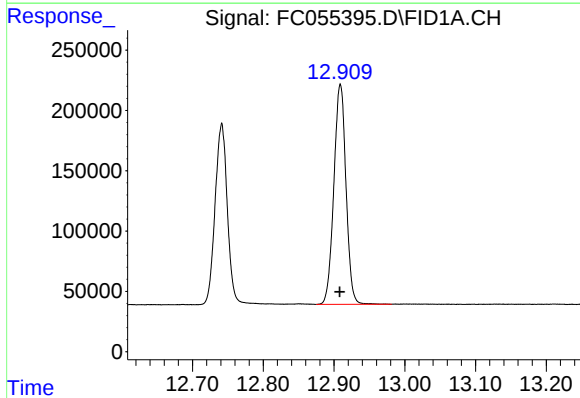
#9 ortho-Terphenyl (SURR)

R.T.: 11.301 min
Delta R.T.: 0.005 min
Response: 2304119
Conc: 18.30 ug/ml



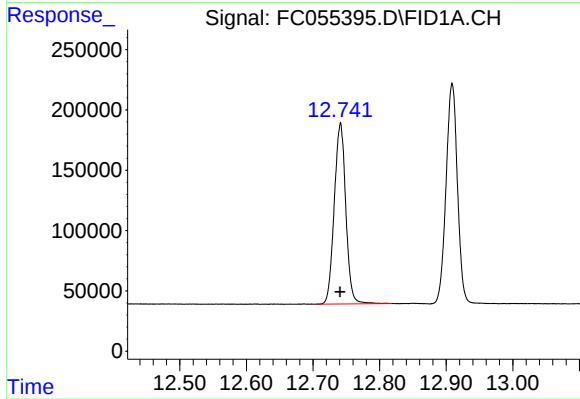
#10 n-Eicosane (C20)

R.T.: 12.300 min
Delta R.T.: 0.002 min
Response: 2191944
Conc: 18.67 ug/ml



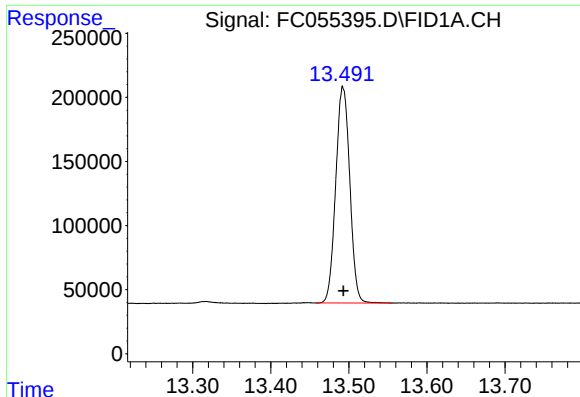
#11 n-Heneicosane (C21)

R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 2170889
Conc: 18.39 ug/ml



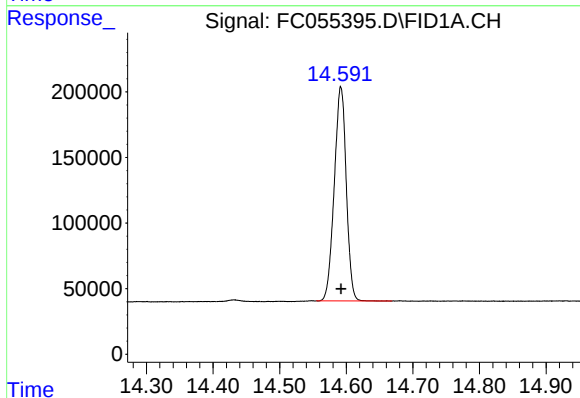
#12 1-chlorooctadecane (SURR)

R.T.: 12.741 min
Delta R.T.: 0.000 min
Response: 1802517
Conc: 18.19 ug/ml



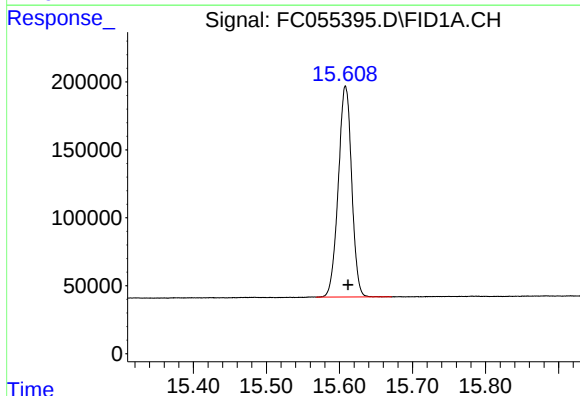
#13 n-Docosane (C22)

R.T.: 13.493 min
Delta R.T.: 0.000 min
Response: 2107637
Conc: 18.05 ug/ml



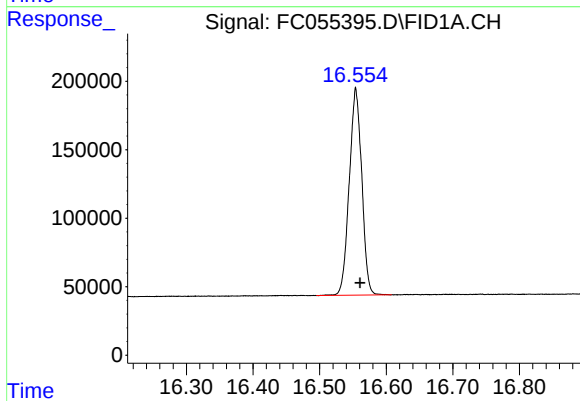
#14 n-Tetracosane (C24)

R.T.: 14.592 min
Delta R.T.: 0.000 min
Response: 2042386
Conc: 17.64 ug/ml



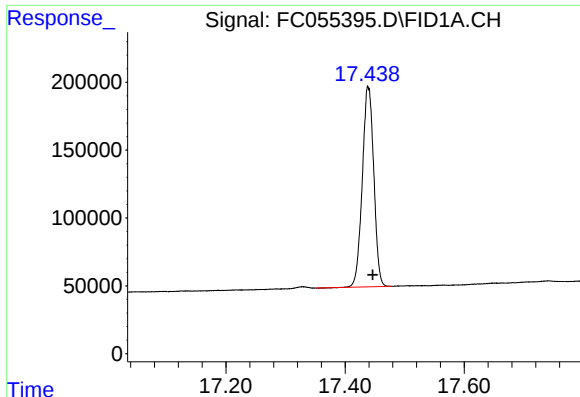
#15 n-Hexacosane (C26)

R.T.: 15.608 min
Delta R.T.: -0.003 min
Response: 1974347
Conc: 17.62 ug/ml



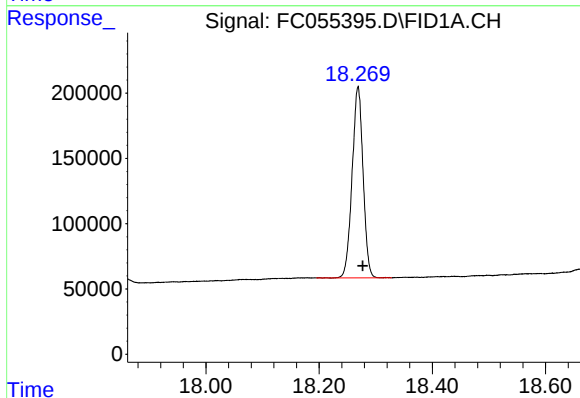
#16 n-Octacosane (C28)

R.T.: 16.554 min
Delta R.T.: -0.006 min
Response: 1971402
Conc: 18.16 ug/ml



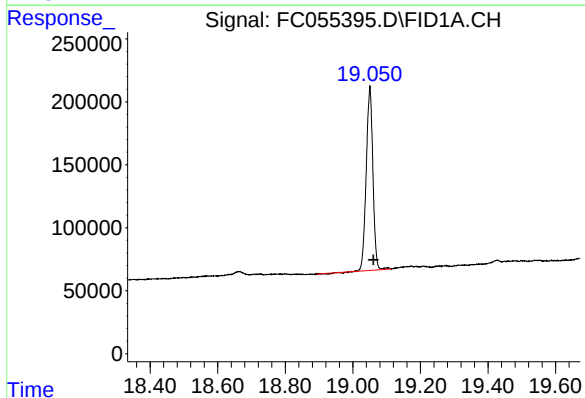
#17 n-Tricontane (C30)

R.T.: 17.439 min
Delta R.T.: -0.007 min
Response: 1971231
Conc: 18.88 ug/ml



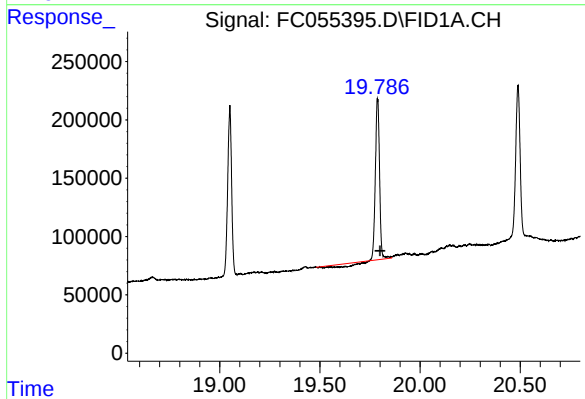
#18 n-Dotriacontane (C32)

R.T.: 18.269 min
Delta R.T.: -0.009 min
Response: 1964262
Conc: 19.83 ug/ml



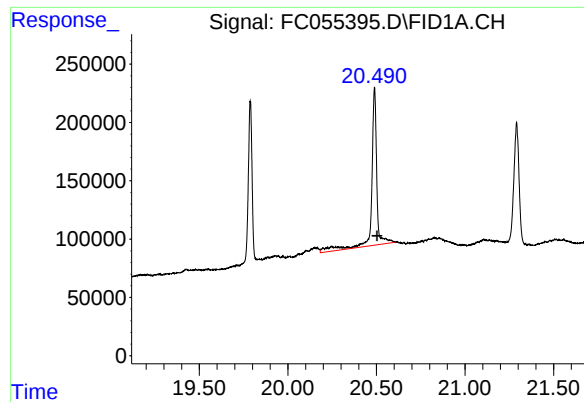
#19 n-Tetratriacontane (C34)

R.T.: 19.050 min
Delta R.T.: -0.010 min
Response: 1990887
Conc: 21.01 ug/ml



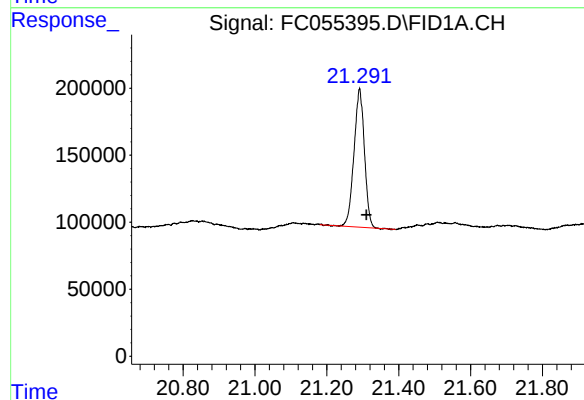
#20 n-Hexatriacontane (C36)

R.T.: 19.788 min
Delta R.T.: -0.012 min
Response: 1804706
Conc: 19.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.489 min
Delta R.T.: -0.014 min
Response: 2717153
Conc: 31.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.291 min
Delta R.T.: -0.019 min
Response: 2084159
Conc: 23.40 ug/ml