

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081821AL\
 Data File : FC055295.D
 Signal(s) : FID1A.CH
 Acq On : 19 Aug 2021 10:36
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 19 11:08:42 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	2555052	20.294 ug/ml
Spiked Amount 50.000		Recovery =	40.59%
12) S 1-chlorooctadecane (S...	12.742	2015569	20.337 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
Target Compounds			
1) T n-Nonane (C9)	3.140	2301413	22.009 ug/ml
2) T n-Decane (C10)	4.189	2383468	22.634 ug/ml
3) T A~Naphthalene (C11.7)	5.755	2465480	22.690 ug/ml
4) T n-Dodecane (C12)	6.189	2461274	22.666 ug/ml
5) T A~2-methylnaphthalene...	6.804	2505537	22.957 ug/ml
6) T n-Tetradecane (C14)	7.972	2499221	22.387 ug/ml
7) T n-Hexadecane (C16)	9.564	2502572	21.942 ug/ml
8) T n-Octadecane (C18)	10.998	2531049	21.464 ug/ml
10) T n-Eicosane (C20)	12.301	2433700	20.729 ug/ml
11) T n-Heneicosane (C21)	12.910	2412878	20.435 ug/ml
13) T n-Docosane (C22)	13.493	2338705	20.024 ug/ml
14) T n-Tetracosane (C24)	14.592	2301574	19.884 ug/ml
15) T n-Hexacosane (C26)	15.608	2199811	19.629 ug/ml
16) T n-Octacosane (C28)	16.555	2134981	19.664 ug/ml
17) T n-Tricontane (C30)	17.440	2106860	20.179 ug/ml
18) T n-Dotriacontane (C32)	18.269	2071467	20.917 ug/ml
19) T n-Tetratriacontane (C34)	19.051	2064567	21.783 ug/ml
20) T n-Hexatriacontane (C36)	19.787	2054018	22.730 ug/ml
21) T n-Octatriacontane (C38)	20.488	2009885	23.262 ug/ml
22) T n-Tetracontane (C40)	21.291	2127364	23.888 ug/ml

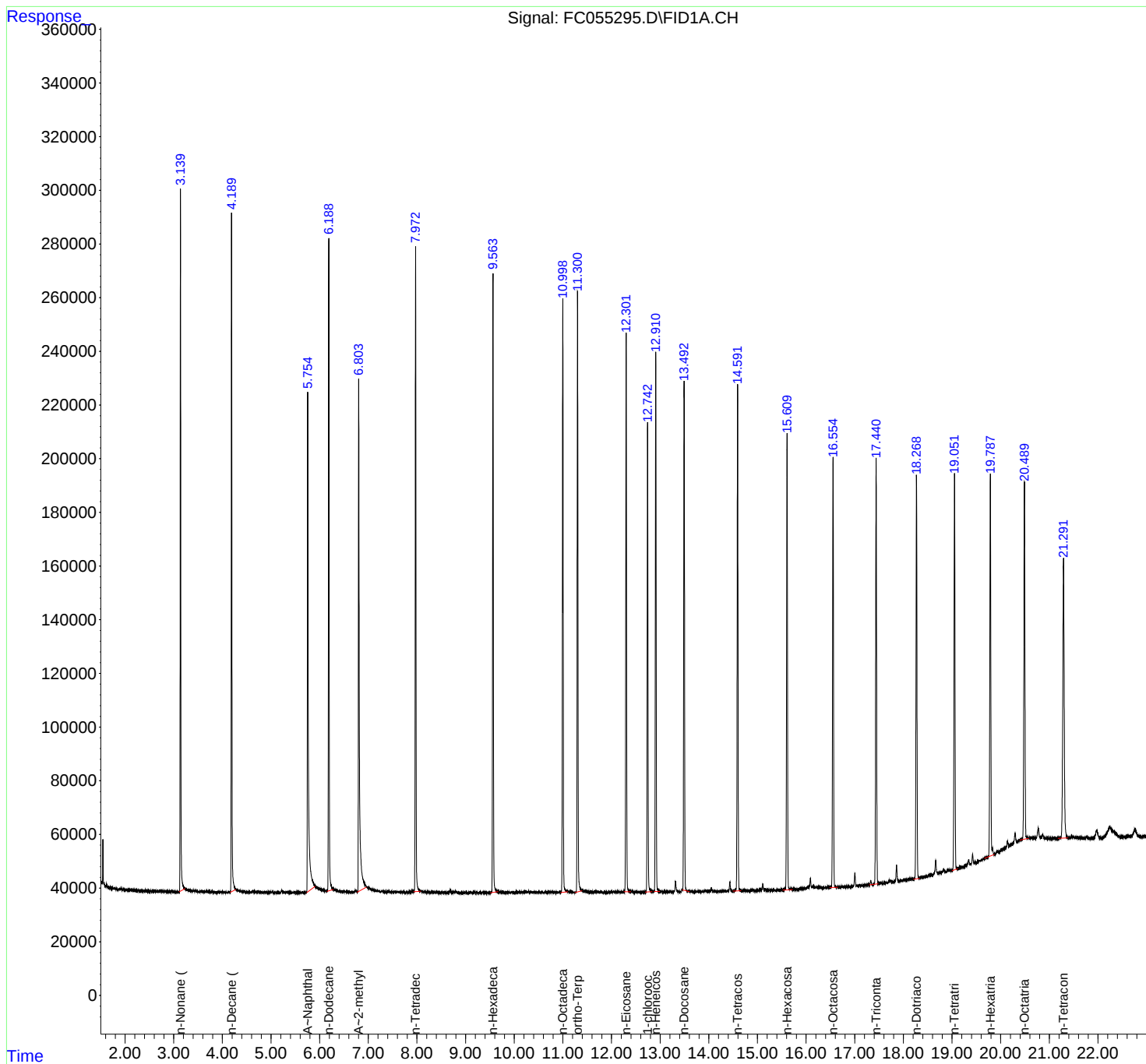
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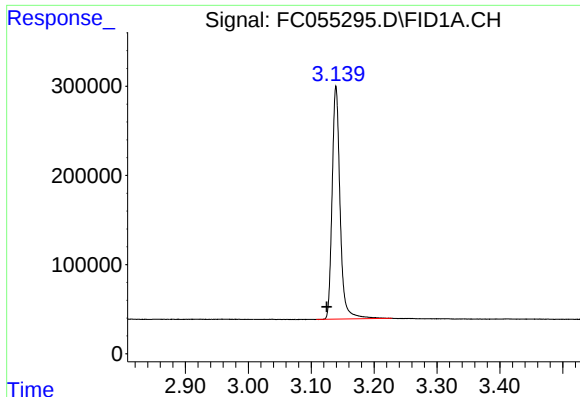
(m)=manual int.

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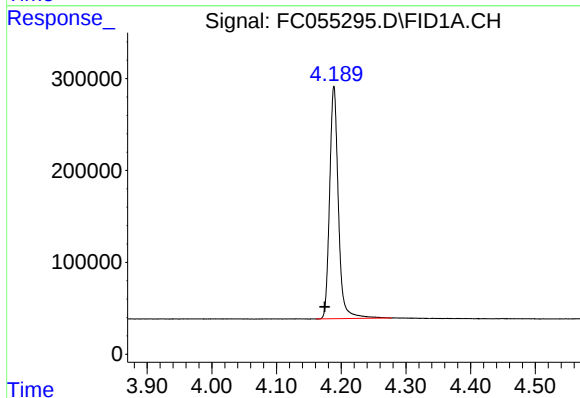
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





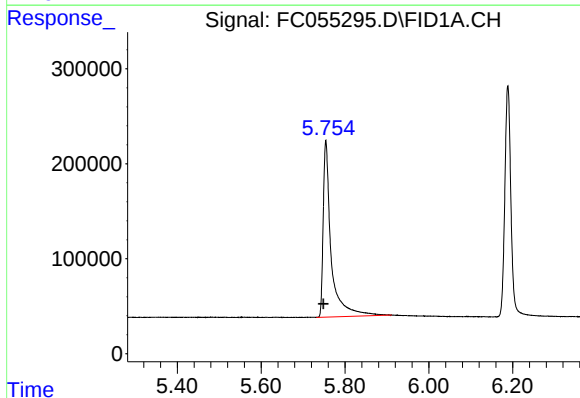
#1 n-Nonane (C9)

R.T.: 3.140 min
Delta R.T.: 0.015 min
Response: 2301413
Conc: 22.01 ug/ml



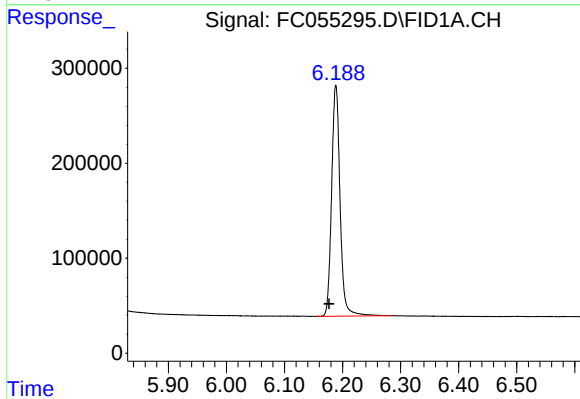
#2 n-Decane (C10)

R.T.: 4.189 min
Delta R.T.: 0.014 min
Response: 2383468
Conc: 22.63 ug/ml



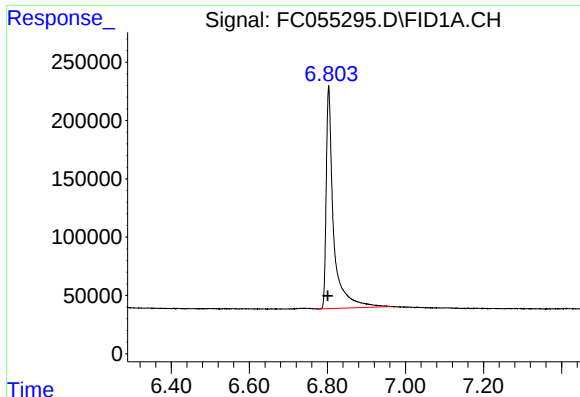
#3 A~Naphthalene (C11.7)

R.T.: 5.755 min
Delta R.T.: 0.006 min
Response: 2465480
Conc: 22.69 ug/ml



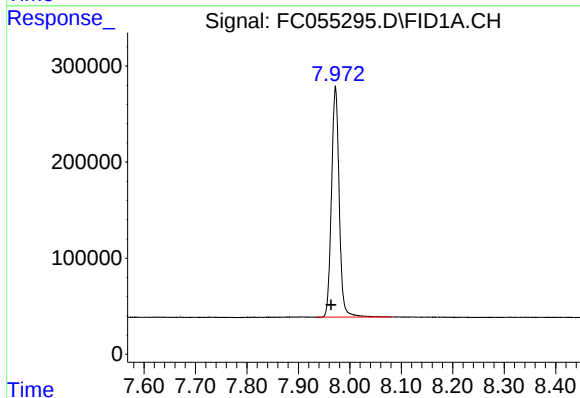
#4 n-Dodecane (C12)

R.T.: 6.189 min
Delta R.T.: 0.012 min
Response: 2461274
Conc: 22.67 ug/ml



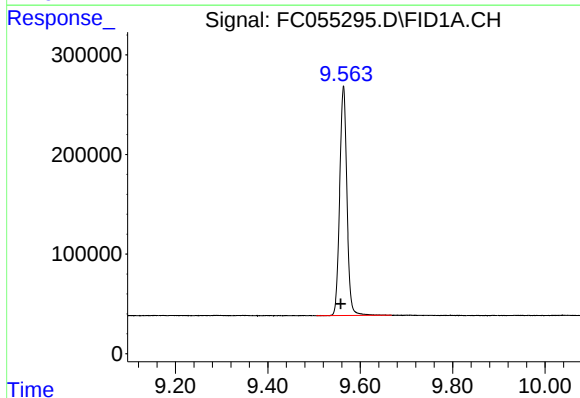
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 2505537
Conc: 22.96 ug/ml



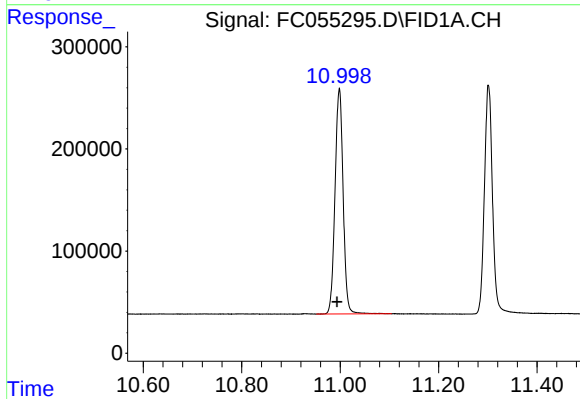
#6 n-Tetradecane (C14)

R.T.: 7.972 min
Delta R.T.: 0.008 min
Response: 2499221
Conc: 22.39 ug/ml



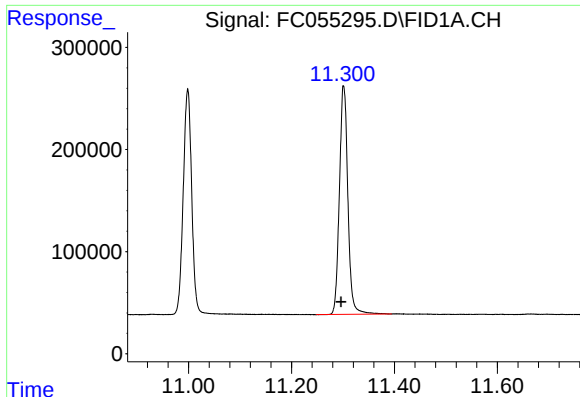
#7 n-Hexadecane (C16)

R.T.: 9.564 min
Delta R.T.: 0.006 min
Response: 2502572
Conc: 21.94 ug/ml



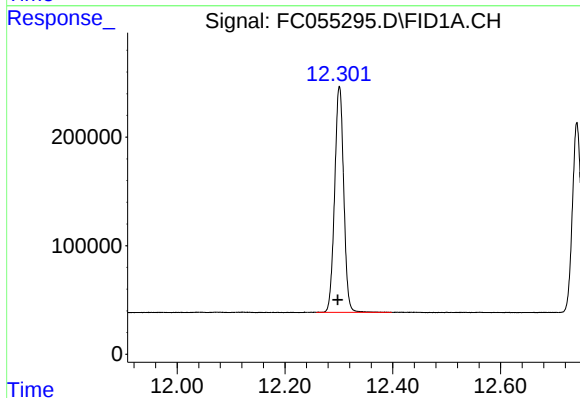
#8 n-Octadecane (C18)

R.T.: 10.998 min
Delta R.T.: 0.004 min
Response: 2531049
Conc: 21.46 ug/ml



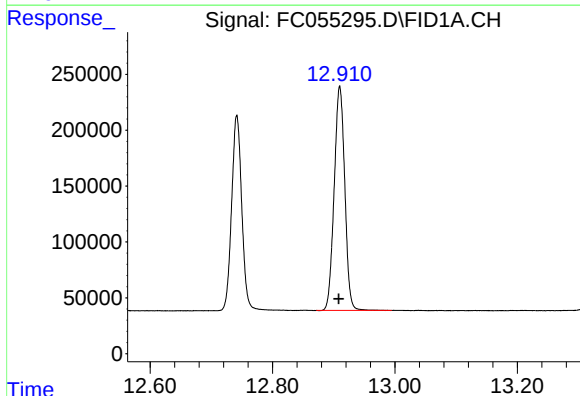
#9 ortho-Terphenyl (SURR)

R.T.: 11.301 min
Delta R.T.: 0.005 min
Response: 2555052
Conc: 20.29 ug/ml



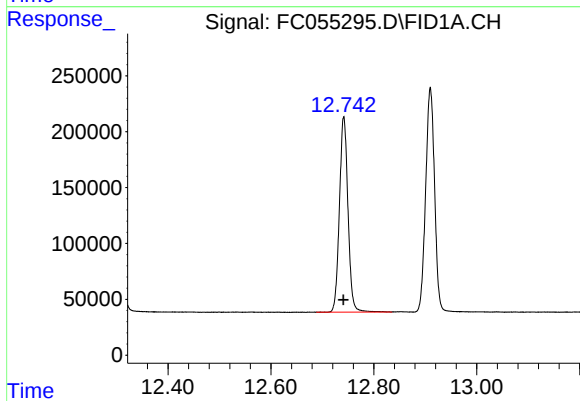
#10 n-Eicosane (C20)

R.T.: 12.301 min
Delta R.T.: 0.003 min
Response: 2433700
Conc: 20.73 ug/ml



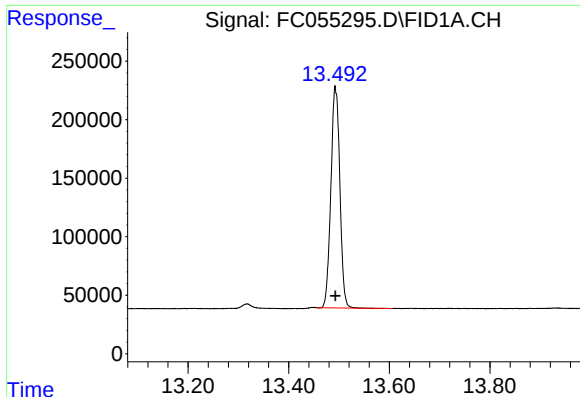
#11 n-Heneicosane (C21)

R.T.: 12.910 min
Delta R.T.: 0.002 min
Response: 2412878
Conc: 20.43 ug/ml



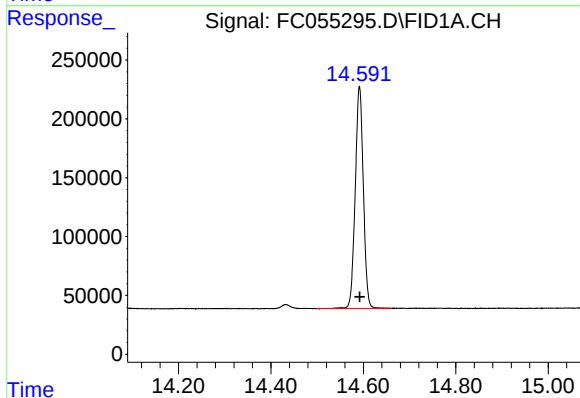
#12 1-chlorooctadecane (SURR)

R.T.: 12.742 min
Delta R.T.: 0.000 min
Response: 2015569
Conc: 20.34 ug/ml



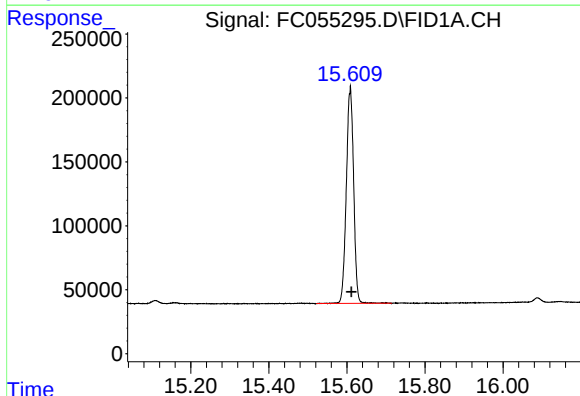
#13 n-Docosane (C22)

R.T.: 13.493 min
Delta R.T.: 0.000 min
Response: 2338705
Conc: 20.02 ug/ml



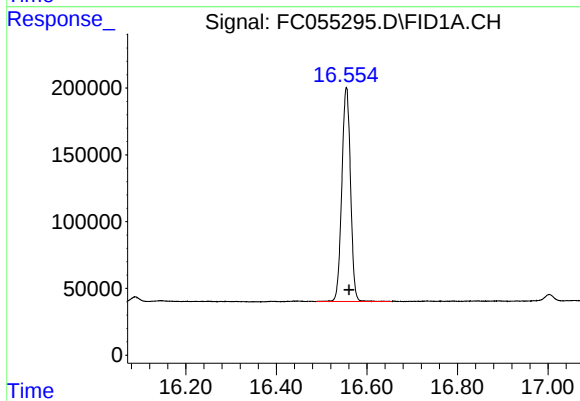
#14 n-Tetracosane (C24)

R.T.: 14.592 min
Delta R.T.: 0.000 min
Response: 2301574
Conc: 19.88 ug/ml



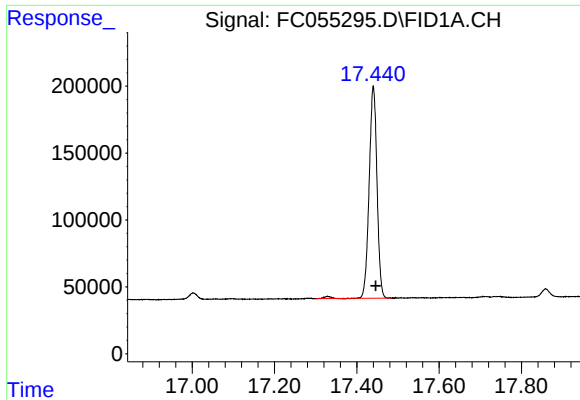
#15 n-Hexacosane (C26)

R.T.: 15.608 min
Delta R.T.: -0.003 min
Response: 2199811
Conc: 19.63 ug/ml



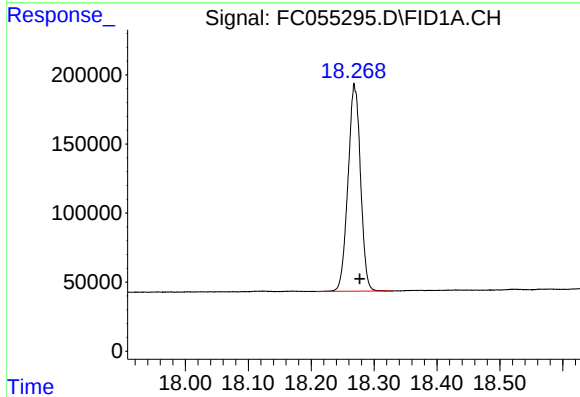
#16 n-Octacosane (C28)

R.T.: 16.555 min
Delta R.T.: -0.006 min
Response: 2134981
Conc: 19.66 ug/ml



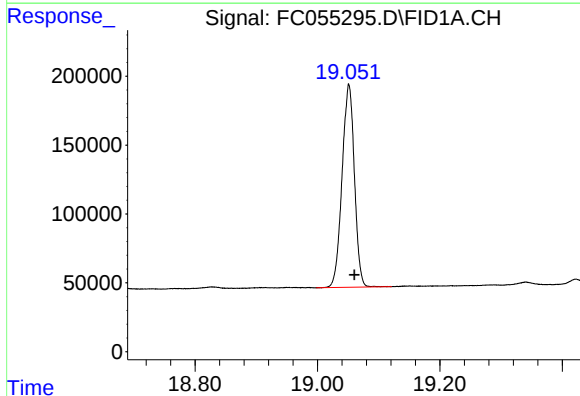
#17 n-Tricontane (C30)

R.T.: 17.440 min
Delta R.T.: -0.006 min
Response: 2106860
Conc: 20.18 ug/ml



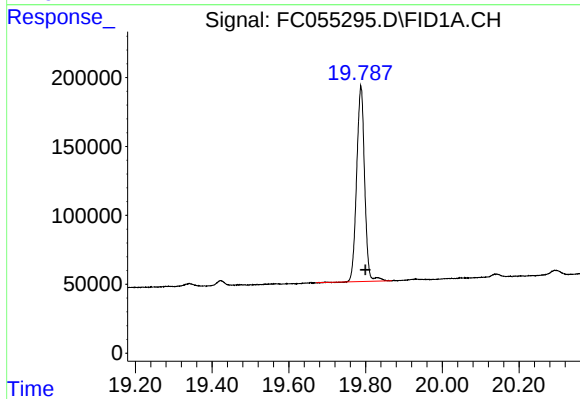
#18 n-Dotriacontane (C32)

R.T.: 18.269 min
Delta R.T.: -0.008 min
Response: 2071467
Conc: 20.92 ug/ml



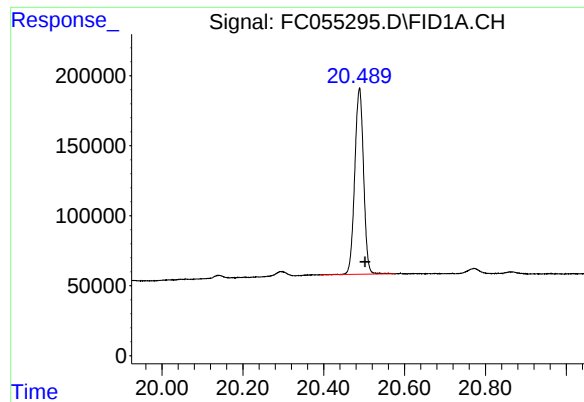
#19 n-Tetratriacontane (C34)

R.T.: 19.051 min
Delta R.T.: -0.010 min
Response: 2064567
Conc: 21.78 ug/ml



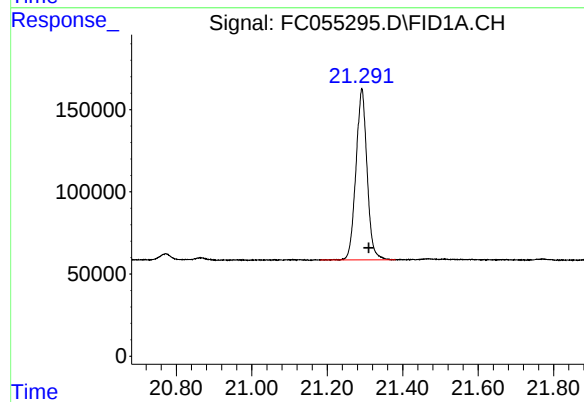
#20 n-Hexatriacontane (C36)

R.T.: 19.787 min
Delta R.T.: -0.012 min
Response: 2054018
Conc: 22.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.488 min
Delta R.T.: -0.014 min
Response: 2009885
Conc: 23.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.291 min
Delta R.T.: -0.019 min
Response: 2127364
Conc: 23.89 ug/ml