

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080921AL\
 Data File : FC055087.D
 Signal(s) : FID1A.CH
 Acq On : 09 Aug 2021 21:40
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 10 01:10:00 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)	11.309	2113324	16.786 ug/ml
Spiked Amount 50.000		Recovery =	33.57%
12) S 1-chlorooctadecane (S...	12.750	1643117	16.579 ug/ml
Spiked Amount 50.000		Recovery =	33.16%
Target Compounds			
1) T n-Nonane (C9)	3.145	1949646	18.645 ug/ml
2) T n-Decane (C10)	4.194	1999268	18.985 ug/ml
3) T A~Naphthalene (C11.7)	5.759	2068161	19.034 ug/ml
4) T n-Dodecane (C12)	6.194	2045391	18.836 ug/ml
5) T A~2-methylnaphthalene...	6.808	2045804	18.745 ug/ml
6) T n-Tetradecane (C14)	7.978	2061968	18.470 ug/ml
7) T n-Hexadecane (C16)	9.571	2048419	17.960 ug/ml
8) T n-Octadecane (C18)	11.005	2065075	17.512 ug/ml
10) T n-Eicosane (C20)	12.309	1984222	16.901 ug/ml
11) T n-Heneicosane (C21)	12.919	1971162	16.694 ug/ml
13) T n-Docosane (C22)	13.502	1919614	16.436 ug/ml
14) T n-Tetracosane (C24)	14.601	1859308	16.063 ug/ml
15) T n-Hexacosane (C26)	15.618	1756483	15.673 ug/ml
16) T n-Octacosane (C28)	16.565	1702835	15.684 ug/ml
17) T n-Tricontane (C30)	17.450	1667475	15.970 ug/ml
18) T n-Dotriacontane (C32)	18.280	1630646	16.466 ug/ml
19) T n-Tetratriacontane (C34)	19.061	1619426	17.086 ug/ml
20) T n-Hexatriacontane (C36)	19.799	1616987	17.894 ug/ml
21) T n-Octatriacontane (C38)	20.500	1983224	22.953 ug/ml
22) T n-Tetracontane (C40)	21.308	1610177	18.081 ug/ml

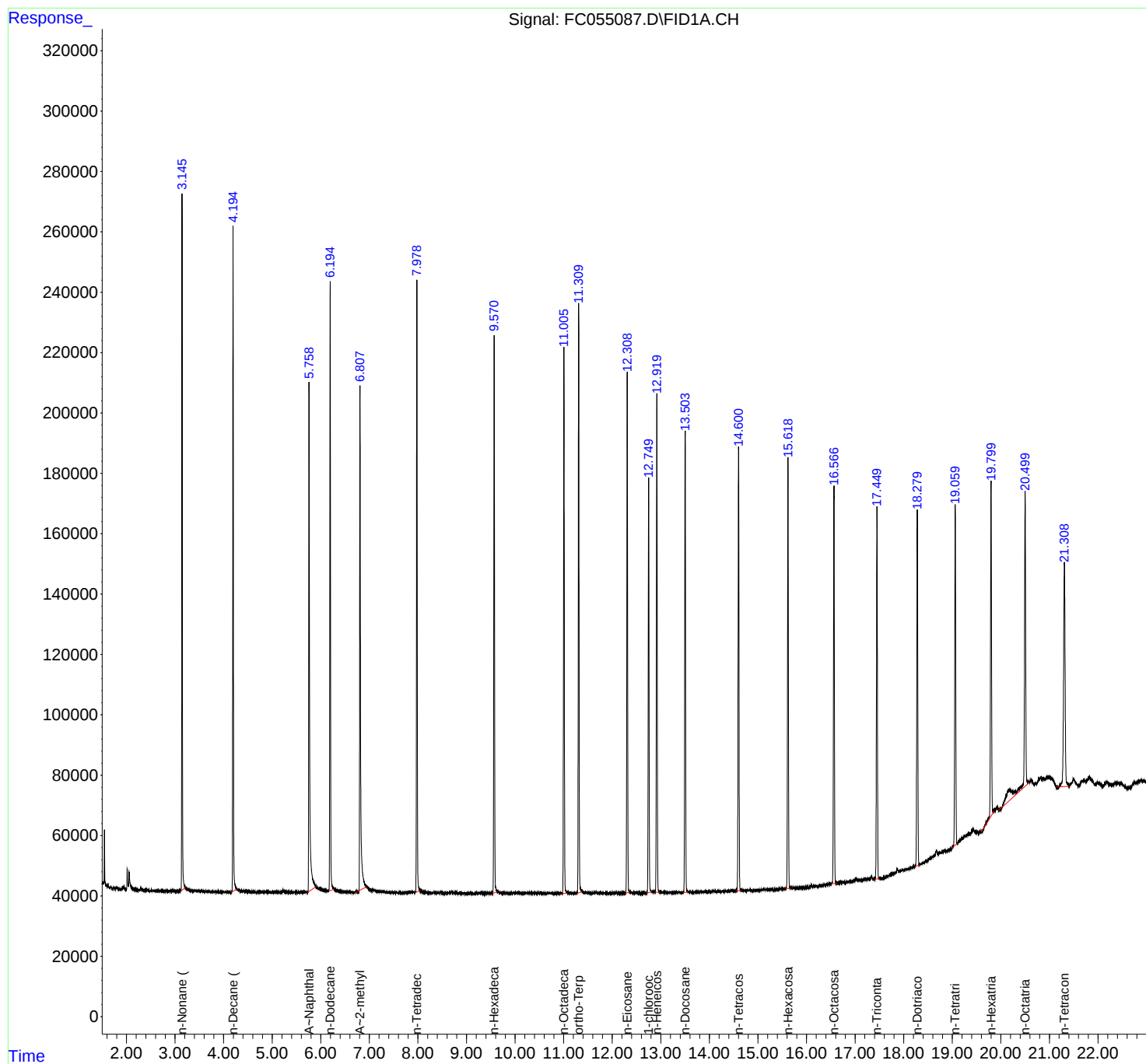
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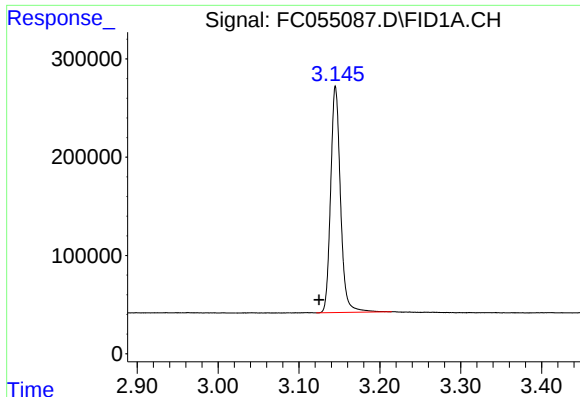
(m)=manual int.

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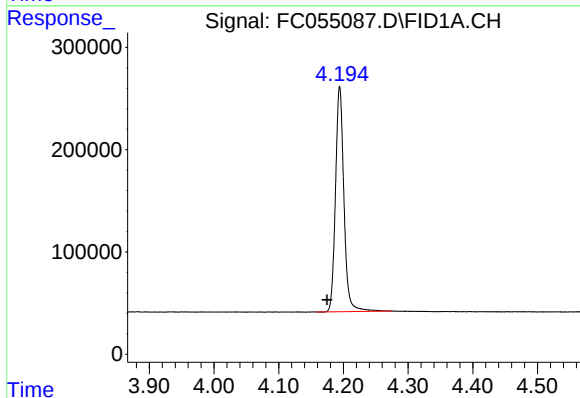
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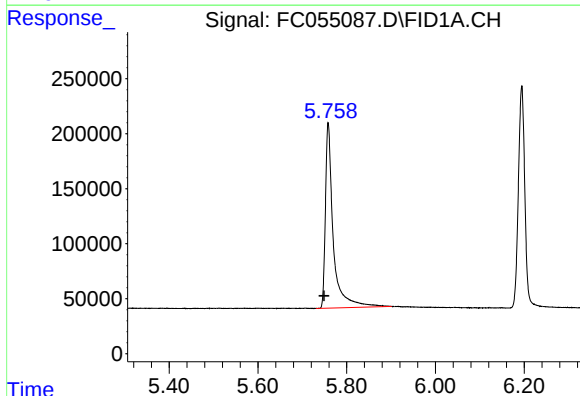
#1 n-Nonane (C9)

R.T.: 3.145 min
Delta R.T.: 0.020 min
Response: 1949646
Conc: 18.65 ug/ml



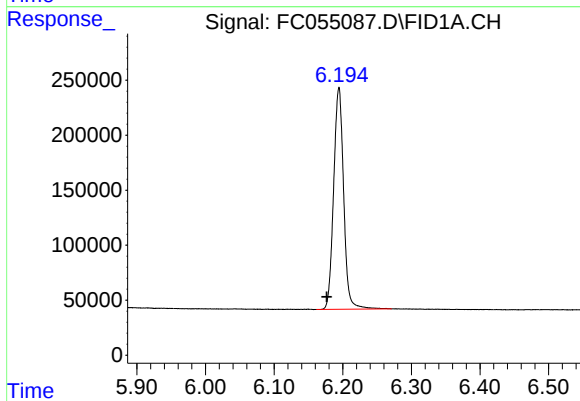
#2 n-Decane (C10)

R.T.: 4.194 min
Delta R.T.: 0.020 min
Response: 1999268
Conc: 18.99 ug/ml



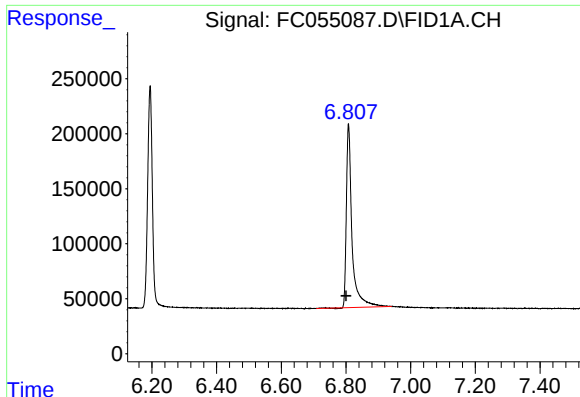
#3 A~Naphthalene (C11.7)

R.T.: 5.759 min
Delta R.T.: 0.010 min
Response: 2068161
Conc: 19.03 ug/ml



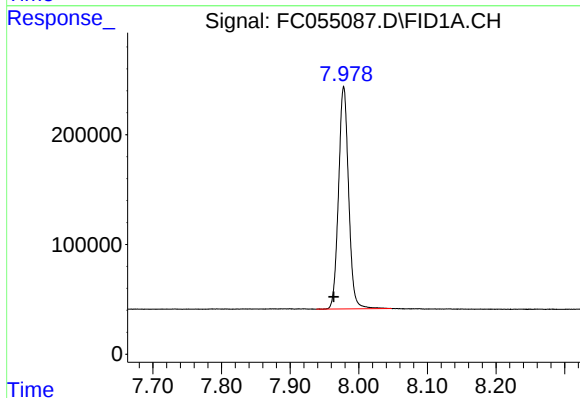
#4 n-Dodecane (C12)

R.T.: 6.194 min
Delta R.T.: 0.017 min
Response: 2045391
Conc: 18.84 ug/ml



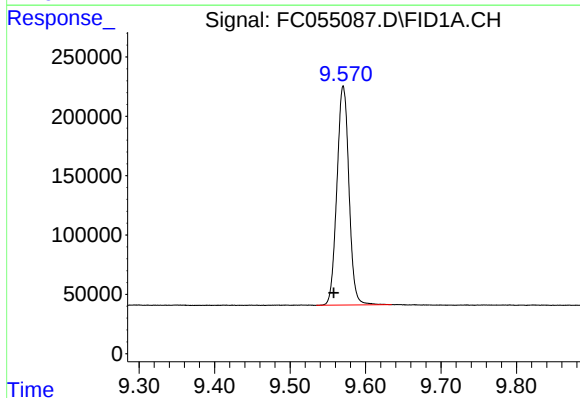
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.808 min
Delta R.T.: 0.008 min
Response: 2045804
Conc: 18.74 ug/ml



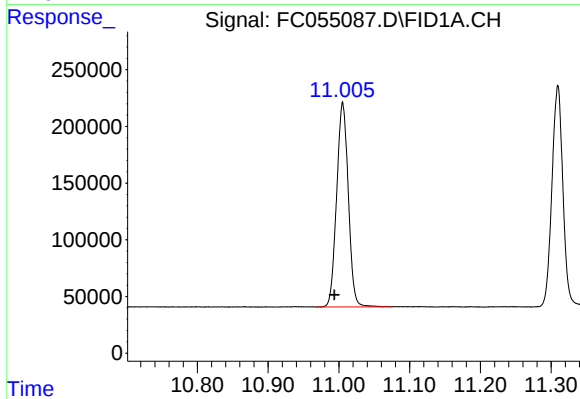
#6 n-Tetradecane (C14)

R.T.: 7.978 min
Delta R.T.: 0.014 min
Response: 2061968
Conc: 18.47 ug/ml



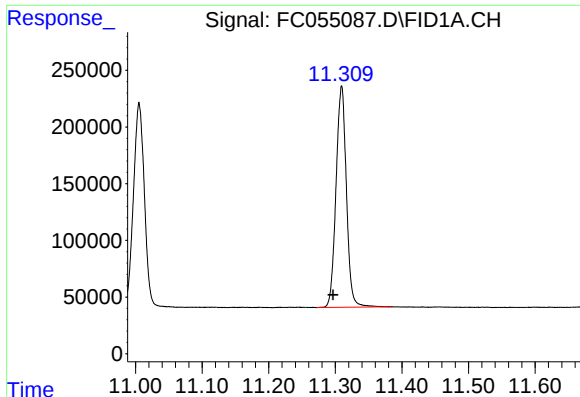
#7 n-Hexadecane (C16)

R.T.: 9.571 min
Delta R.T.: 0.013 min
Response: 2048419
Conc: 17.96 ug/ml



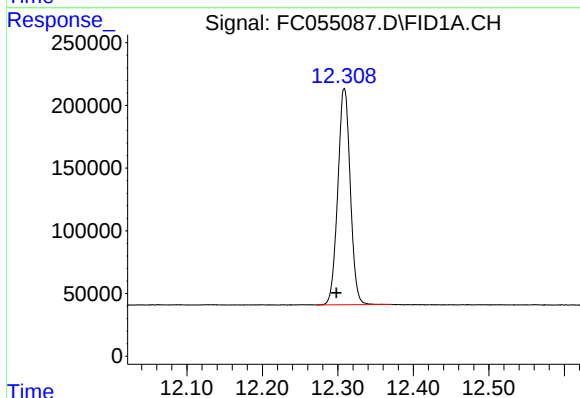
#8 n-Octadecane (C18)

R.T.: 11.005 min
Delta R.T.: 0.012 min
Response: 2065075
Conc: 17.51 ug/ml



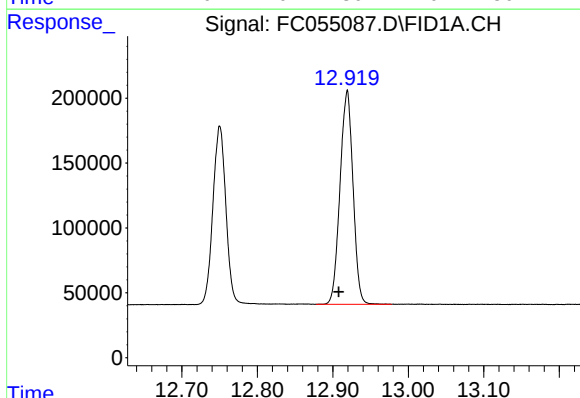
#9 ortho-Terphenyl (SURR)

R.T.: 11.309 min
Delta R.T.: 0.013 min
Response: 2113324
Conc: 16.79 ug/ml



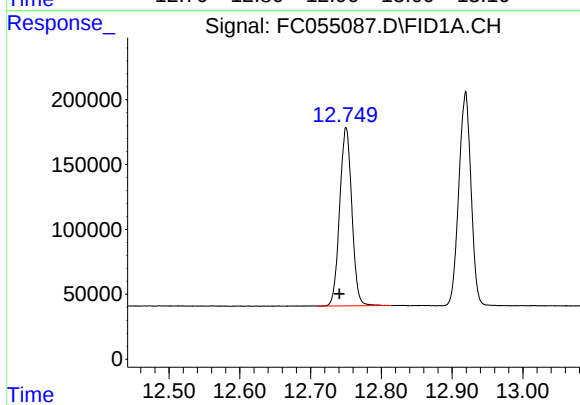
#10 n-Eicosane (C20)

R.T.: 12.309 min
Delta R.T.: 0.011 min
Response: 1984222
Conc: 16.90 ug/ml



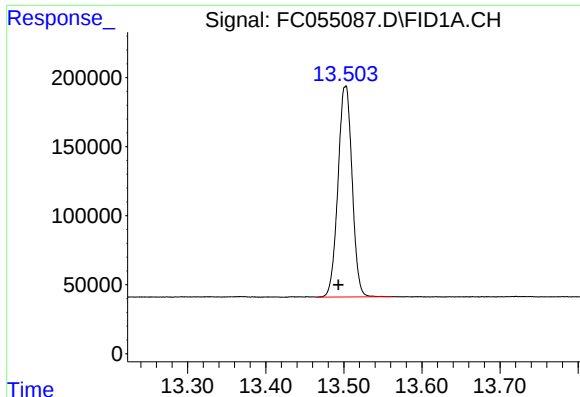
#11 n-Heneicosane (C21)

R.T.: 12.919 min
Delta R.T.: 0.011 min
Response: 1971162
Conc: 16.69 ug/ml



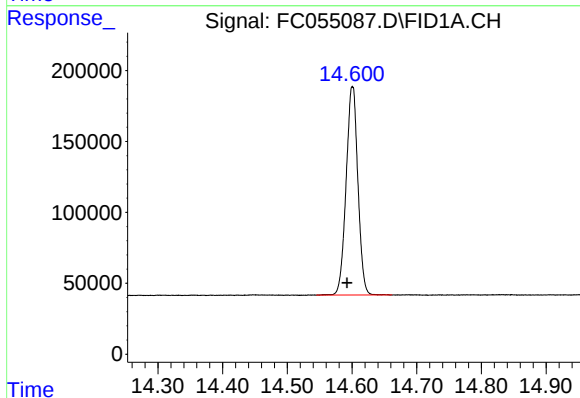
#12 1-chlorooctadecane (SURR)

R.T.: 12.750 min
Delta R.T.: 0.009 min
Response: 1643117
Conc: 16.58 ug/ml



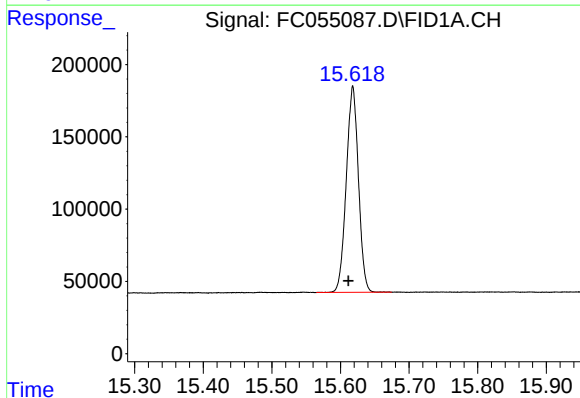
#13 n-Docosane (C22)

R.T.: 13.502 min
Delta R.T.: 0.009 min
Response: 1919614
Conc: 16.44 ug/ml



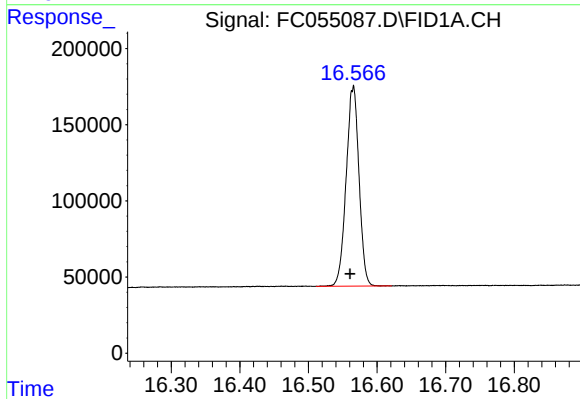
#14 n-Tetracosane (C24)

R.T.: 14.601 min
Delta R.T.: 0.008 min
Response: 1859308
Conc: 16.06 ug/ml



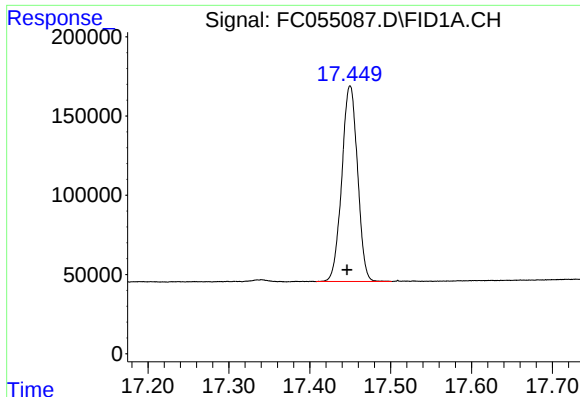
#15 n-Hexacosane (C26)

R.T.: 15.618 min
Delta R.T.: 0.006 min
Response: 1756483
Conc: 15.67 ug/ml



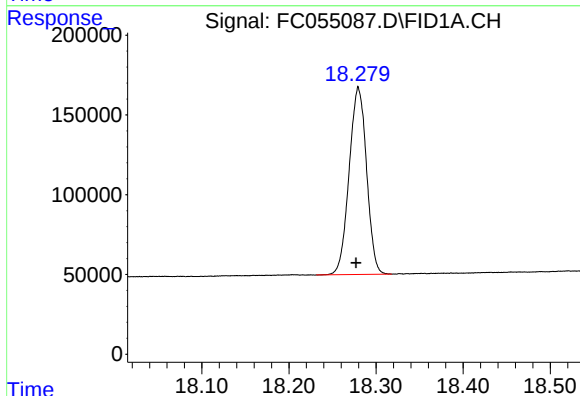
#16 n-Octacosane (C28)

R.T.: 16.565 min
Delta R.T.: 0.004 min
Response: 1702835
Conc: 15.68 ug/ml



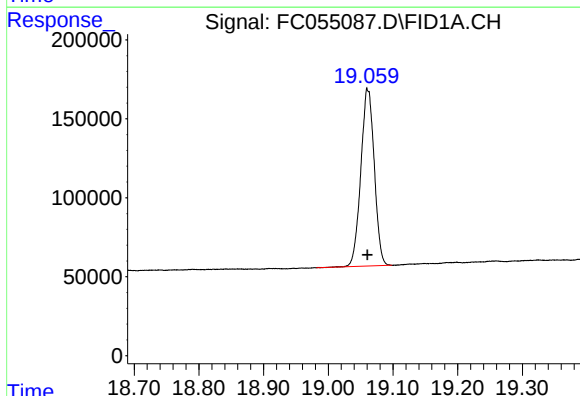
#17 n-Tricontane (C30)

R.T.: 17.450 min
Delta R.T.: 0.004 min
Response: 1667475
Conc: 15.97 ug/ml



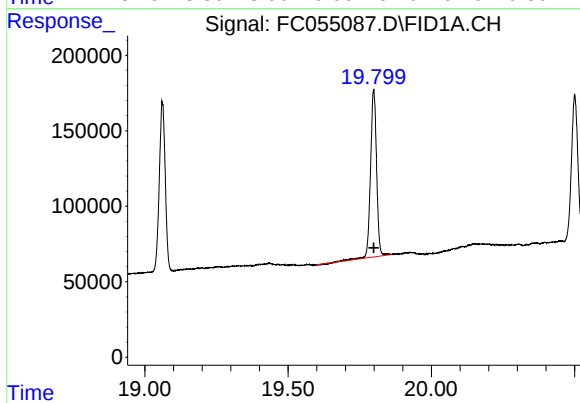
#18 n-Dotriacontane (C32)

R.T.: 18.280 min
Delta R.T.: 0.003 min
Response: 1630646
Conc: 16.47 ug/ml



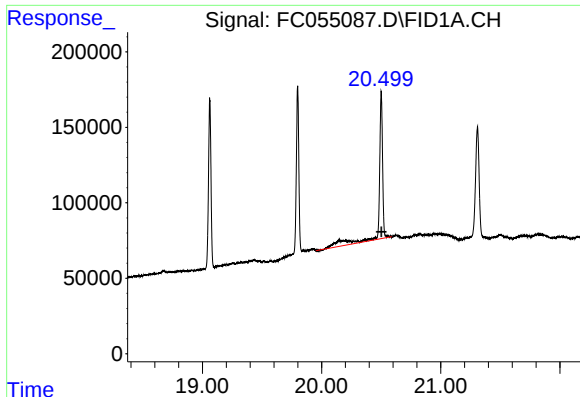
#19 n-Tetratriacontane (C34)

R.T.: 19.061 min
Delta R.T.: 0.000 min
Response: 1619426
Conc: 17.09 ug/ml



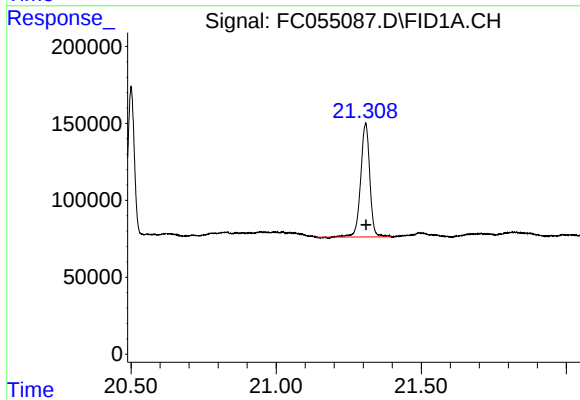
#20 n-Hexatriacontane (C36)

R.T.: 19.799 min
Delta R.T.: 0.000 min
Response: 1616987
Conc: 17.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.500 min
Delta R.T.: -0.002 min
Response: 1983224
Conc: 22.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.308 min
Delta R.T.: -0.002 min
Response: 1610177
Conc: 18.08 ug/ml