

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090921AL\
 Data File : FC055555.D
 Signal(s) : FID1A.CH
 Acq On : 09 Sep 2021 11:20
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 10 01:04:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.653	2432312	19.470 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
12) S 1-chlorooctadecane (S...	13.087	1872117	18.917 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
Target Compounds			
1) T n-Nonane (C9)	3.400	2340780	21.655 ug/ml
2) T n-Decane (C10)	4.468	2393350	21.949 ug/ml
3) T A~Naphthalene (C11.7)	6.059	2669563	21.665 ug/ml
4) T n-Dodecane (C12)	6.490	2397799	21.899 ug/ml
5) T A~2-methylnaphthalene...	7.118	2681054	21.544 ug/ml
6) T n-Tetradecane (C14)	8.287	2405584	21.599 ug/ml
7) T n-Hexadecane (C16)	9.889	2377873	21.040 ug/ml
8) T n-Octadecane (C18)	11.332	2371046	20.365 ug/ml
10) T n-Eicosane (C20)	12.642	2265634	19.390 ug/ml
11) T n-Heneicosane (C21)	13.254	2237033	19.007 ug/ml
13) T n-Docosane (C22)	13.840	2167453	18.581 ug/ml
14) T n-Tetracosane (C24)	14.943	2081949	17.877 ug/ml
15) T n-Hexacosane (C26)	15.963	1950706	17.220 ug/ml
16) T n-Octacosane (C28)	16.912	1872468	16.922 ug/ml
17) T n-Tricontane (C30)	17.798	1822670	17.141 ug/ml
18) T n-Dotriacontane (C32)	18.631	1773125	17.692 ug/ml
19) T n-Tetratriacontane (C34)	19.414	1756840	18.615 ug/ml
20) T n-Hexatriacontane (C36)	20.153	1732304	19.952 ug/ml
21) T n-Octatriacontane (C38)	20.900	1688225	20.712 ug/ml
22) T n-Tetracontane (C40)	21.835	1741338	21.681 ug/ml

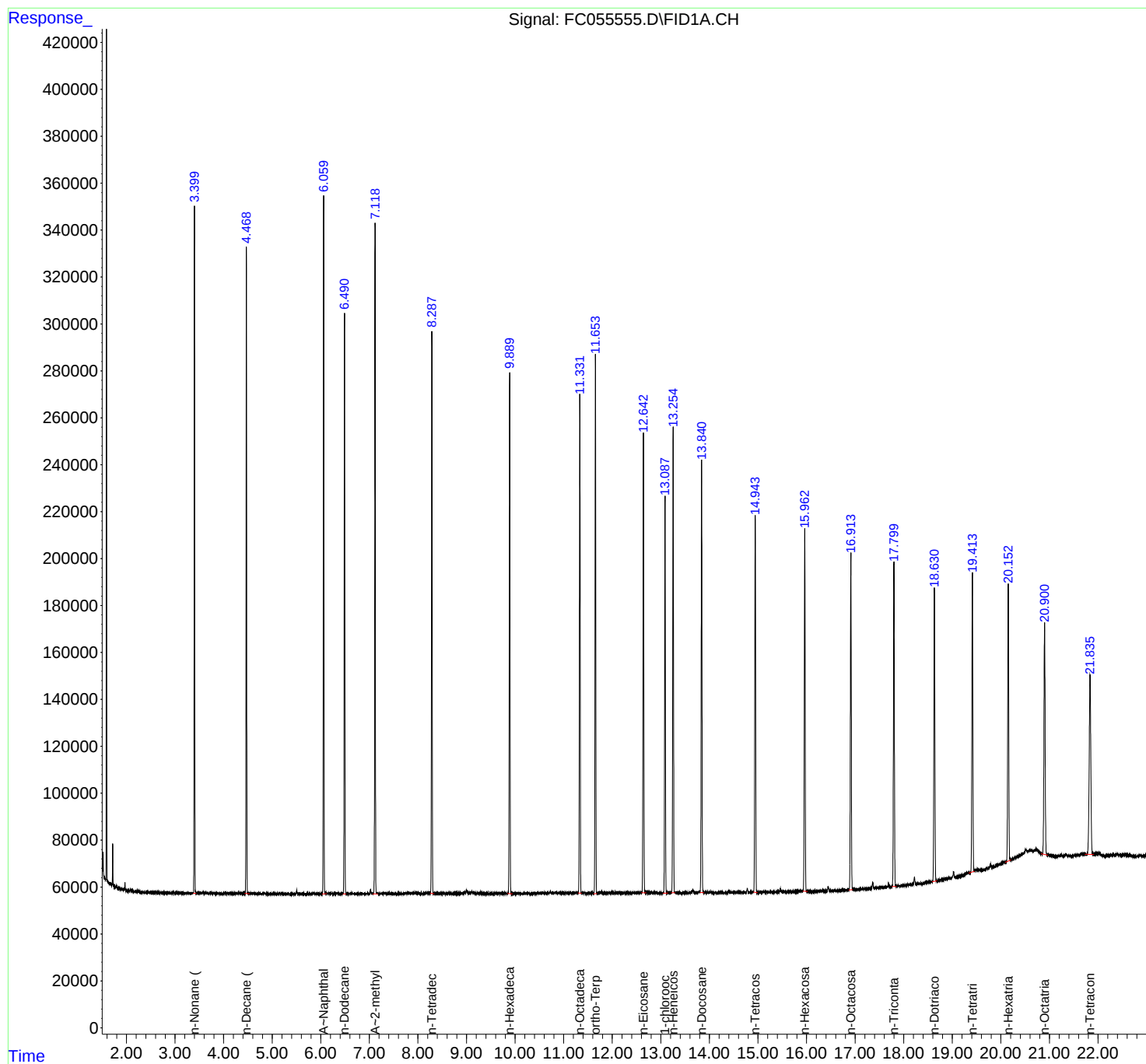
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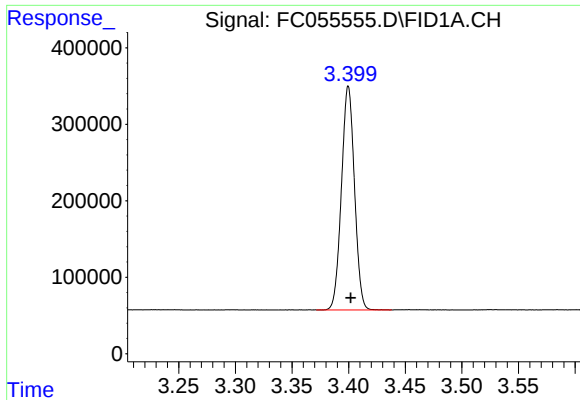
(m)=manual int.

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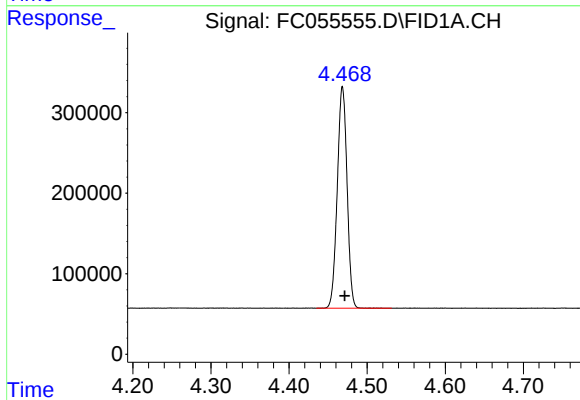
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Signal Info : 20M x 0.18mm x 0.18um





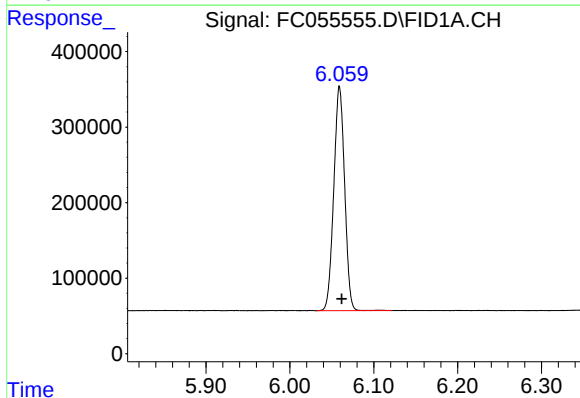
#1 n-Nonane (C9)

R.T.: 3.400 min
Delta R.T.: -0.002 min
Response: 2340780
Conc: 21.65 ug/ml



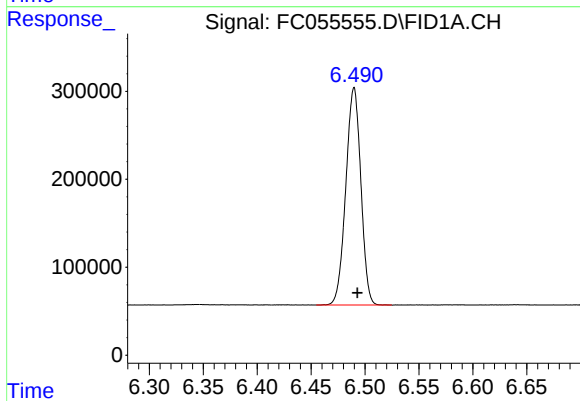
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 2393350
Conc: 21.95 ug/ml



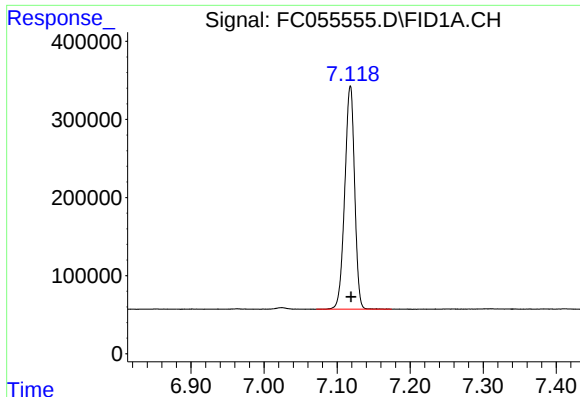
#3 A~Naphthalene (C11.7)

R.T.: 6.059 min
Delta R.T.: -0.003 min
Response: 2669563
Conc: 21.66 ug/ml



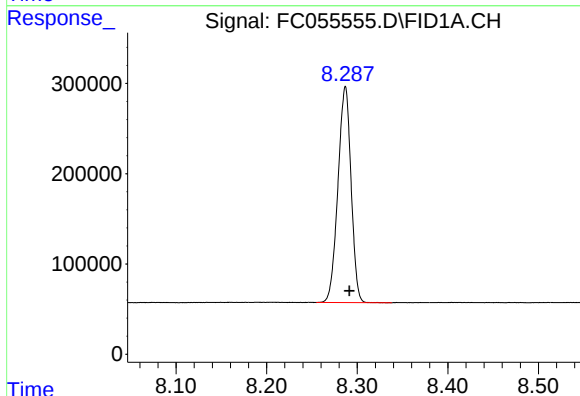
#4 n-Dodecane (C12)

R.T.: 6.490 min
Delta R.T.: -0.003 min
Response: 2397799
Conc: 21.90 ug/ml



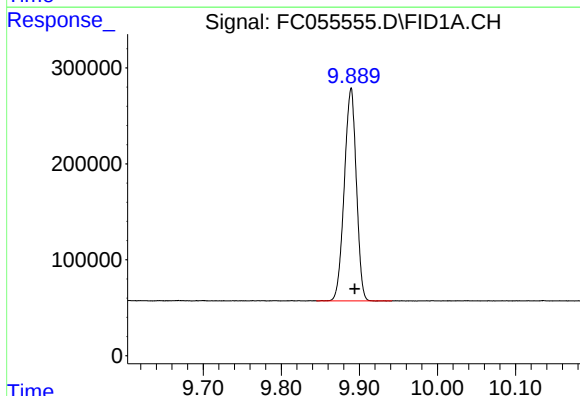
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.118 min
Delta R.T.: -0.001 min
Response: 2681054
Conc: 21.54 ug/ml



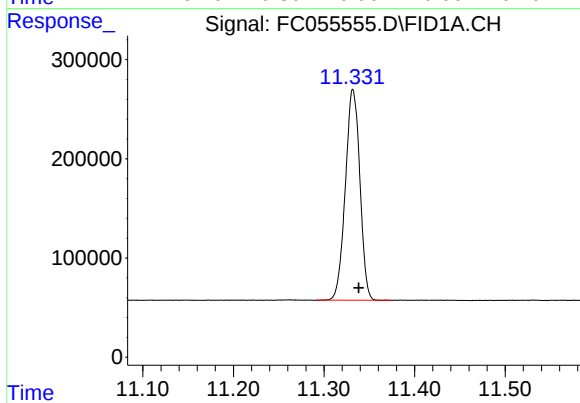
#6 n-Tetradecane (C14)

R.T.: 8.287 min
Delta R.T.: -0.005 min
Response: 2405584
Conc: 21.60 ug/ml



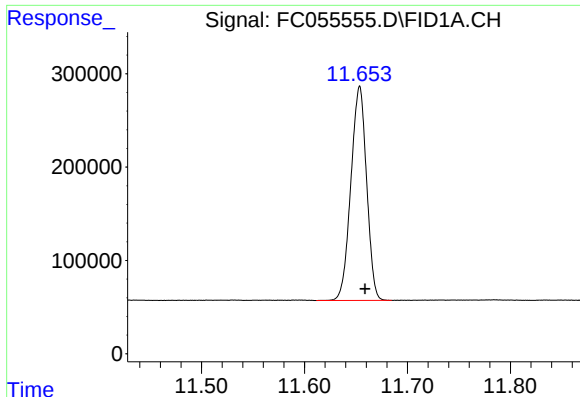
#7 n-Hexadecane (C16)

R.T.: 9.889 min
Delta R.T.: -0.005 min
Response: 2377873
Conc: 21.04 ug/ml



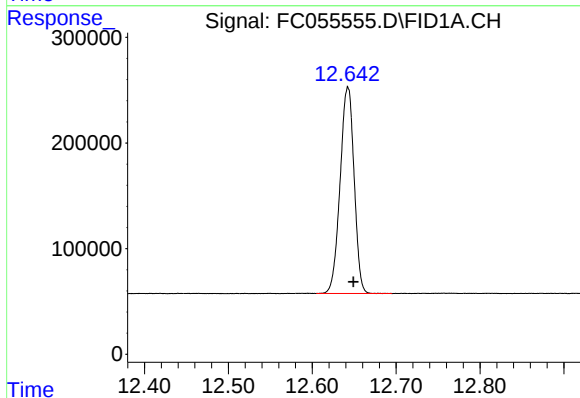
#8 n-Octadecane (C18)

R.T.: 11.332 min
Delta R.T.: -0.006 min
Response: 2371046
Conc: 20.37 ug/ml



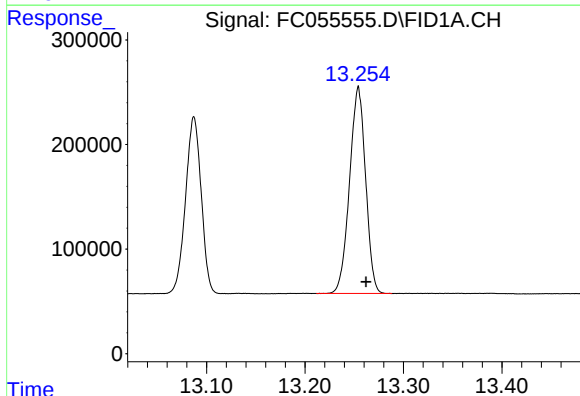
#9 ortho-Terphenyl (SURR)

R.T.: 11.653 min
Delta R.T.: -0.005 min
Response: 2432312
Conc: 19.47 ug/ml



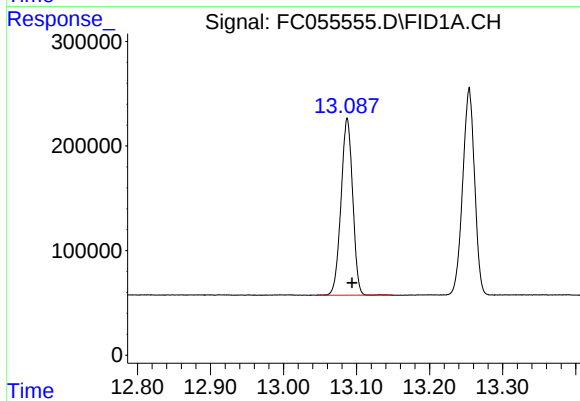
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: -0.007 min
Response: 2265634
Conc: 19.39 ug/ml



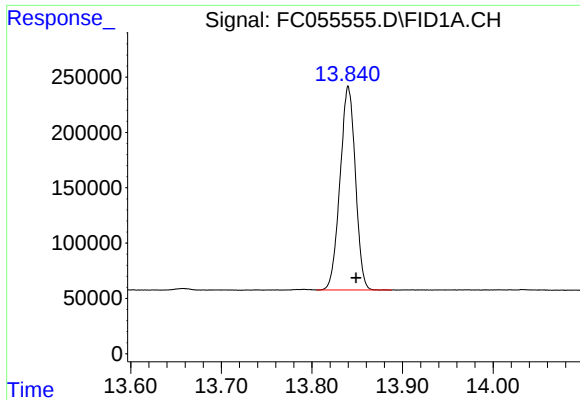
#11 n-Heneicosane (C21)

R.T.: 13.254 min
Delta R.T.: -0.008 min
Response: 2237033
Conc: 19.01 ug/ml



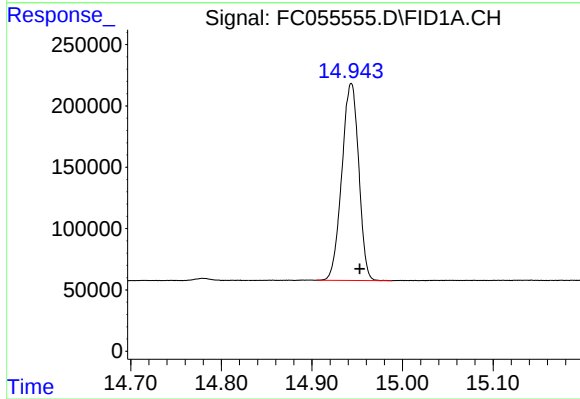
#12 1-chlorooctadecane (SURR)

R.T.: 13.087 min
Delta R.T.: -0.007 min
Response: 1872117
Conc: 18.92 ug/ml



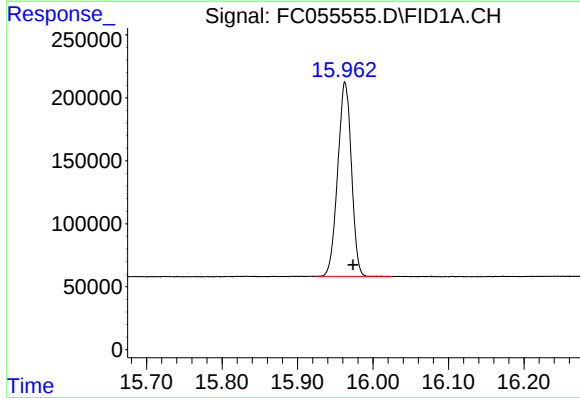
#13 n-Docosane (C22)

R.T.: 13.840 min
Delta R.T.: -0.009 min
Response: 2167453
Conc: 18.58 ug/ml



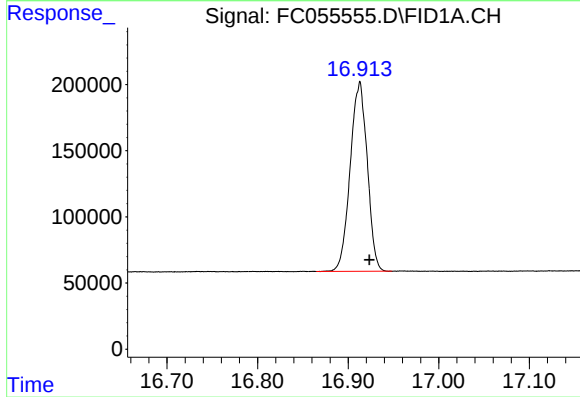
#14 n-Tetracosane (C24)

R.T.: 14.943 min
Delta R.T.: -0.010 min
Response: 2081949
Conc: 17.88 ug/ml



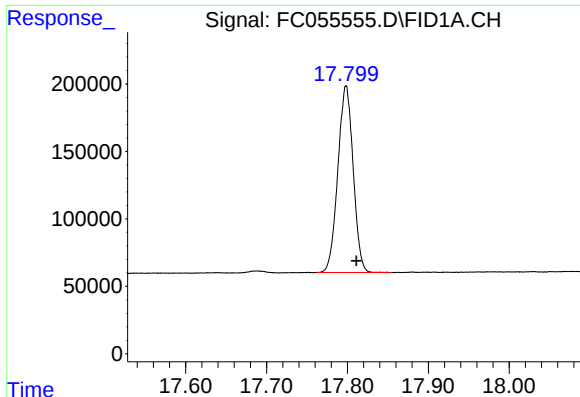
#15 n-Hexacosane (C26)

R.T.: 15.963 min
Delta R.T.: -0.010 min
Response: 1950706
Conc: 17.22 ug/ml



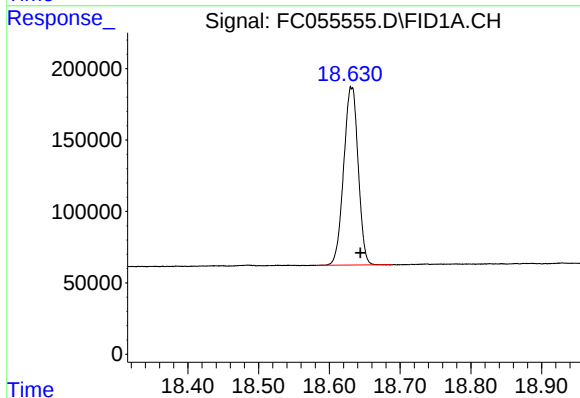
#16 n-Octacosane (C28)

R.T.: 16.912 min
Delta R.T.: -0.011 min
Response: 1872468
Conc: 16.92 ug/ml



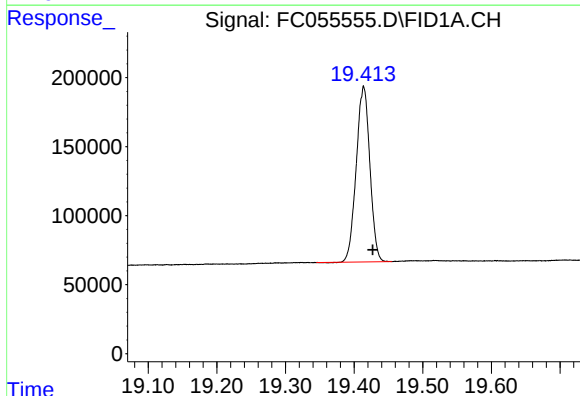
#17 n-Tricontane (C30)

R.T.: 17.798 min
Delta R.T.: -0.013 min
Response: 1822670
Conc: 17.14 ug/ml



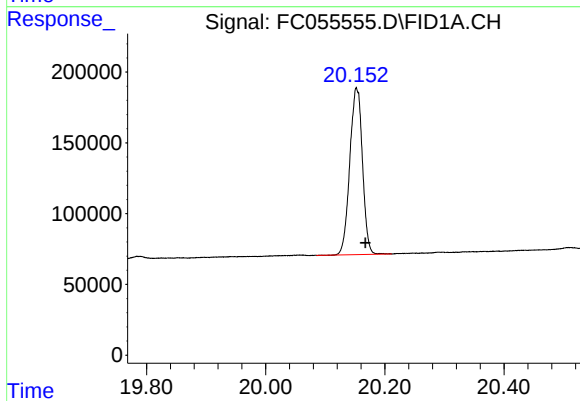
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: -0.013 min
Response: 1773125
Conc: 17.69 ug/ml



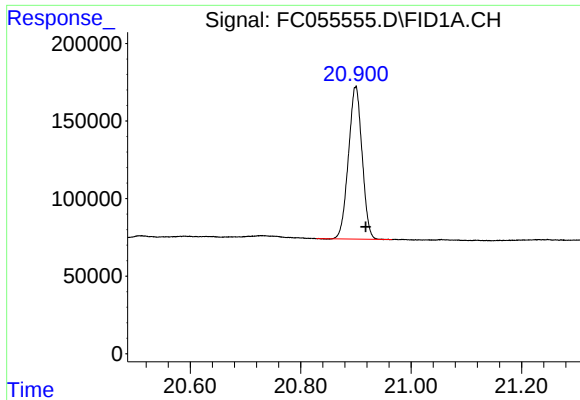
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: -0.014 min
Response: 1756840
Conc: 18.61 ug/ml



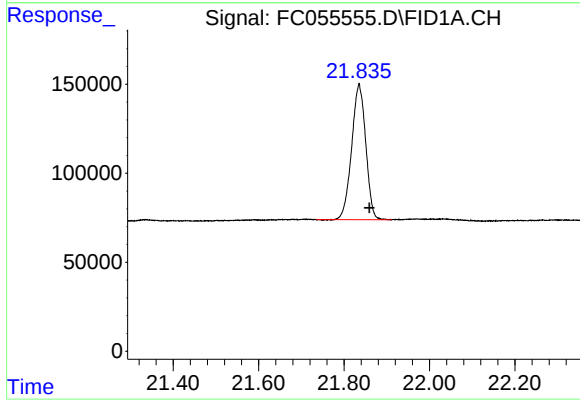
#20 n-Hexatriacontane (C36)

R.T.: 20.153 min
Delta R.T.: -0.014 min
Response: 1732304
Conc: 19.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.900 min
Delta R.T.: -0.019 min
Response: 1688225
Conc: 20.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.835 min
Delta R.T.: -0.025 min
Response: 1741338
Conc: 21.68 ug/ml