

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092421AL\
 Data File : FC055832.D
 Signal(s) : FID1A.CH
 Acq On : 25 Sep 2021 6:26
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 25 06:51:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 03:14:48 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)	11.645	2421969	19.179 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
12) S 1-chlorooctadecane (S...	13.077	1892750	19.156 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
Target Compounds			
1) T n-Nonane (C9)	3.398	2240685	20.162 ug/ml
2) T n-Decane (C10)	4.466	2298395	20.519 ug/ml
3) T A~Naphthalene (C11.7)	6.057	2584685	20.589 ug/ml
4) T n-Dodecane (C12)	6.486	2340286	20.914 ug/ml
5) T A~2-methylnaphthalene...	7.114	2607484	20.623 ug/ml
6) T n-Tetradecane (C14)	8.281	2372932	20.963 ug/ml
7) T n-Hexadecane (C16)	9.881	2369854	20.742 ug/ml
8) T n-Octadecane (C18)	11.323	2378216	20.043 ug/ml
10) T n-Eicosane (C20)	12.632	2287207	19.377 ug/ml
11) T n-Heneicosane (C21)	13.244	2259283	18.937 ug/ml
13) T n-Docosane (C22)	13.830	2207811	18.635 ug/ml
14) T n-Tetracosane (C24)	14.931	2126232	17.969 ug/ml
15) T n-Hexacosane (C26)	15.952	2018092	17.711 ug/ml
16) T n-Octacosane (C28)	16.900	1951644	17.942 ug/ml
17) T n-Tricontane (C30)	17.786	1920430	18.984 ug/ml
18) T n-Dotriacontane (C32)	18.616	1878104	20.554 ug/ml
19) T n-Tetratriacontane (C34)	19.399	1831927	21.213 ug/ml
20) T n-Hexatriacontane (C36)	20.137	1756891	20.657 ug/ml
21) T n-Octatriacontane (C38)	20.879	1699462	22.326 ug/ml
22) T n-Tetracontane (C40)	21.807	1748751	24.966 ug/mlm

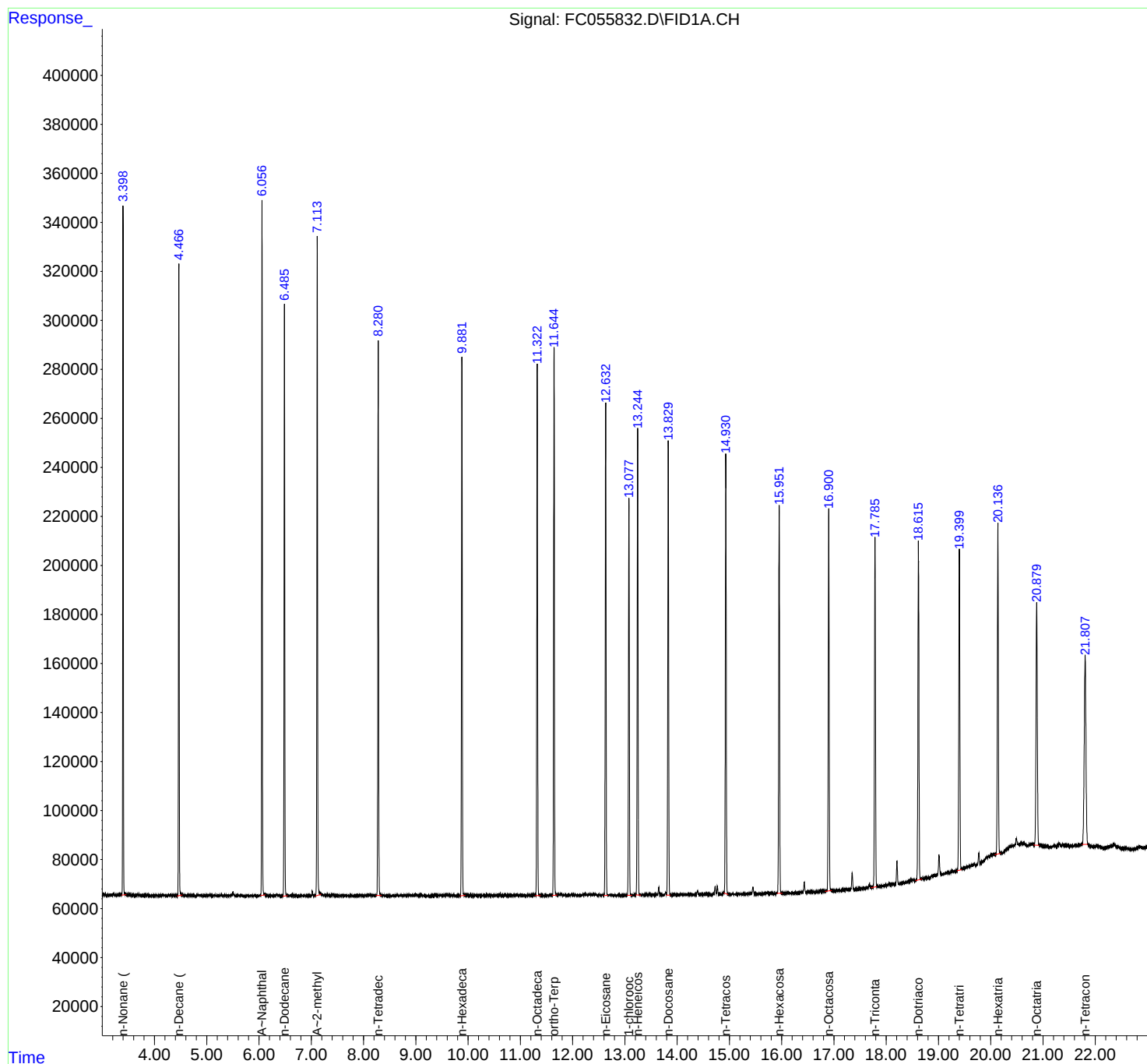
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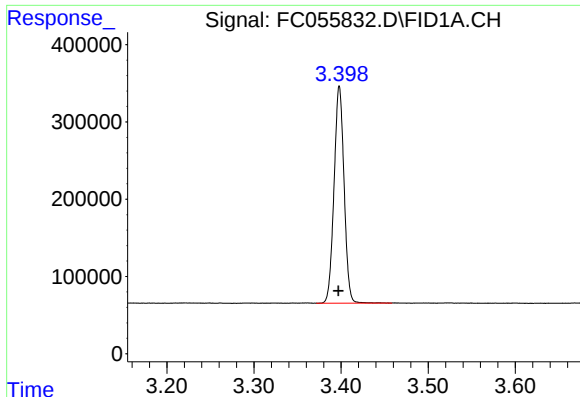
(m)=manual int.

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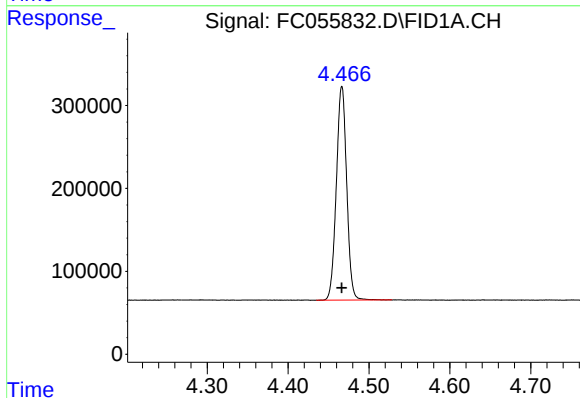
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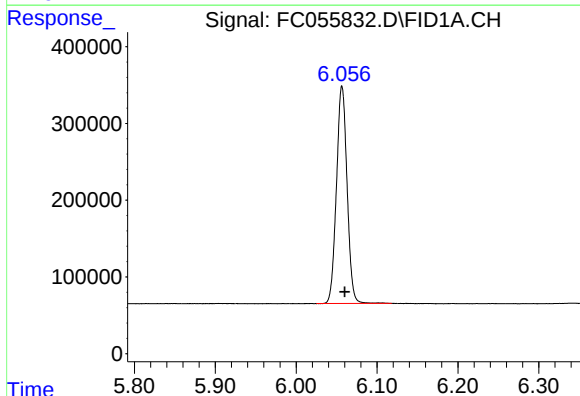
#1 n-Nonane (C9)

R.T.: 3.398 min
Delta R.T.: 0.001 min
Response: 2240685
Conc: 20.16 ug/ml



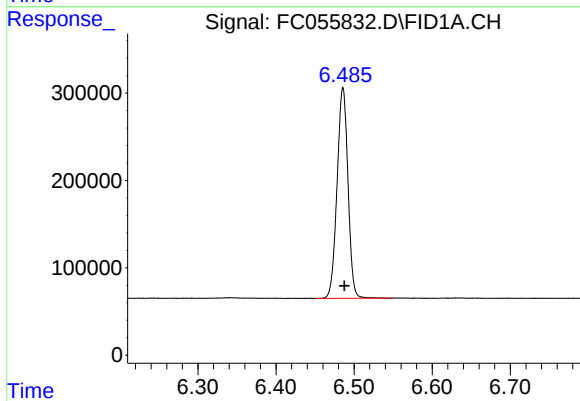
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 2298395
Conc: 20.52 ug/ml



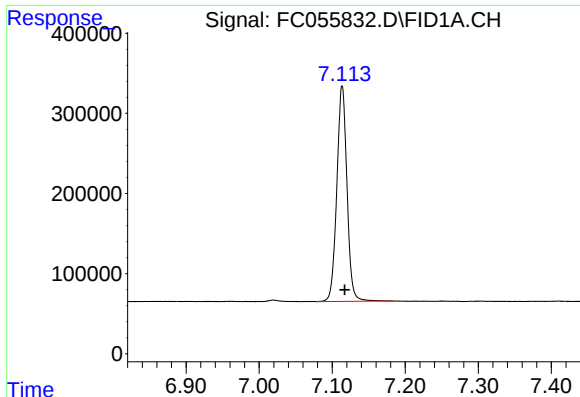
#3 A~Naphthalene (C11.7)

R.T.: 6.057 min
Delta R.T.: -0.003 min
Response: 2584685
Conc: 20.59 ug/ml



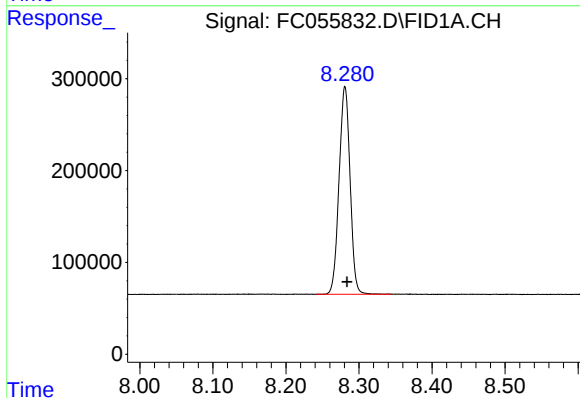
#4 n-Dodecane (C12)

R.T.: 6.486 min
Delta R.T.: -0.002 min
Response: 2340286
Conc: 20.91 ug/ml



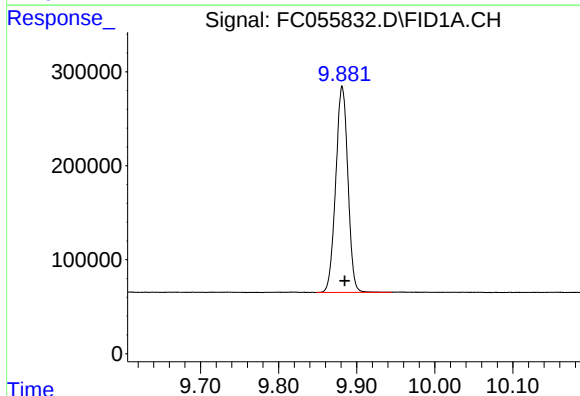
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.114 min
Delta R.T.: -0.004 min
Response: 2607484
Conc: 20.62 ug/ml



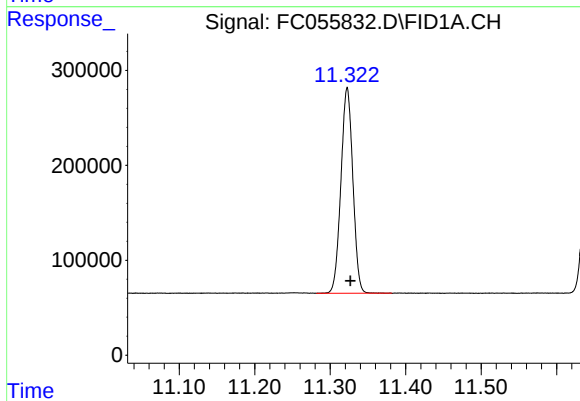
#6 n-Tetradecane (C14)

R.T.: 8.281 min
Delta R.T.: -0.003 min
Response: 2372932
Conc: 20.96 ug/ml



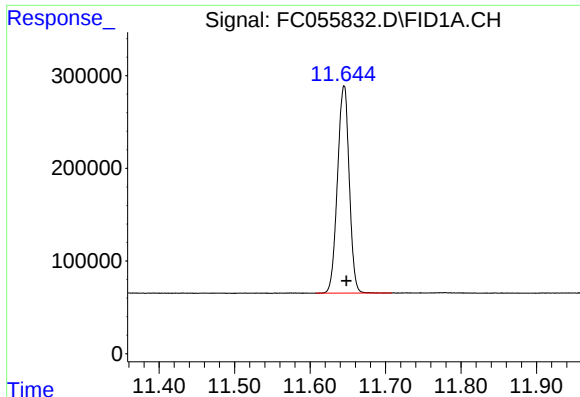
#7 n-Hexadecane (C16)

R.T.: 9.881 min
Delta R.T.: -0.003 min
Response: 2369854
Conc: 20.74 ug/ml



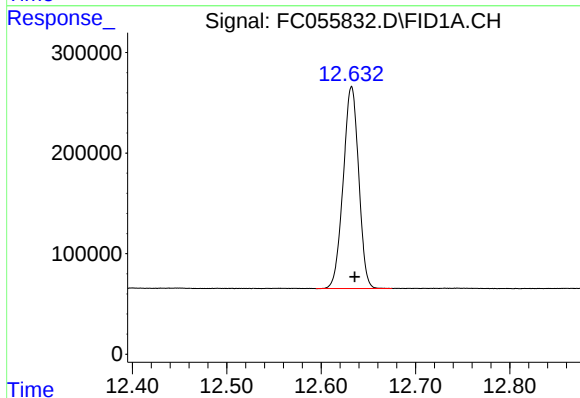
#8 n-Octadecane (C18)

R.T.: 11.323 min
Delta R.T.: -0.004 min
Response: 2378216
Conc: 20.04 ug/ml



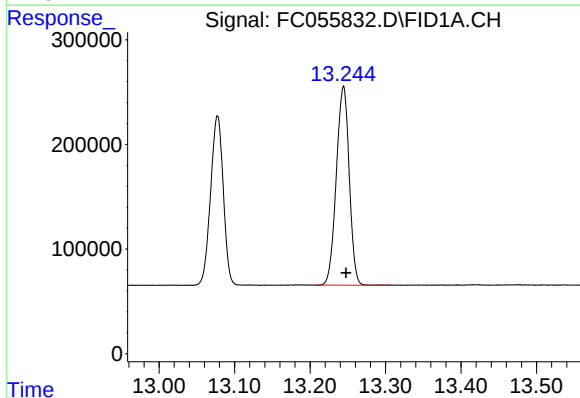
#9 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: -0.004 min
Response: 2421969
Conc: 19.18 ug/ml



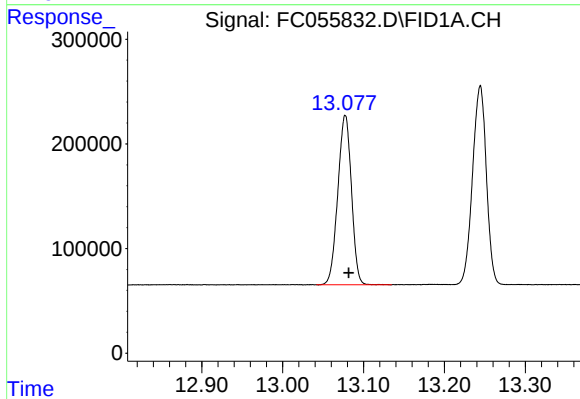
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: -0.003 min
Response: 2287207
Conc: 19.38 ug/ml



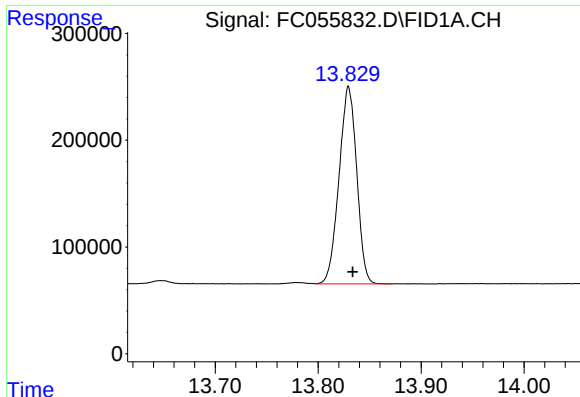
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: -0.004 min
Response: 2259283
Conc: 18.94 ug/ml



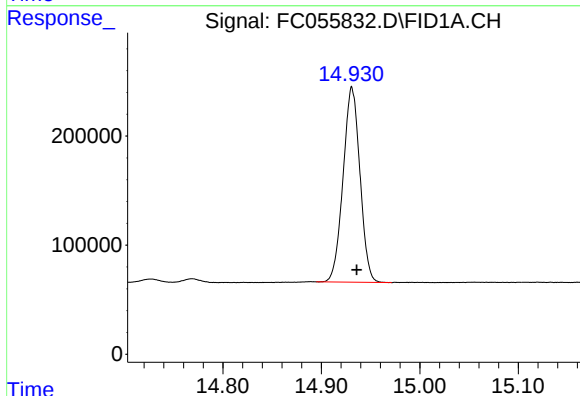
#12 1-chlorooctadecane (SURR)

R.T.: 13.077 min
Delta R.T.: -0.004 min
Response: 1892750
Conc: 19.16 ug/ml



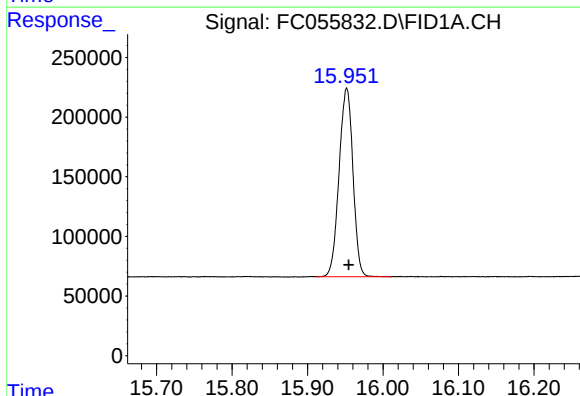
#13 n-Docosane (C22)

R.T.: 13.830 min
Delta R.T.: -0.004 min
Response: 2207811
Conc: 18.64 ug/ml



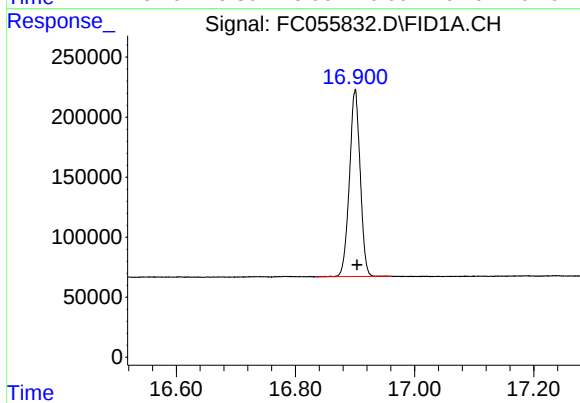
#14 n-Tetracosane (C24)

R.T.: 14.931 min
Delta R.T.: -0.005 min
Response: 2126232
Conc: 17.97 ug/ml



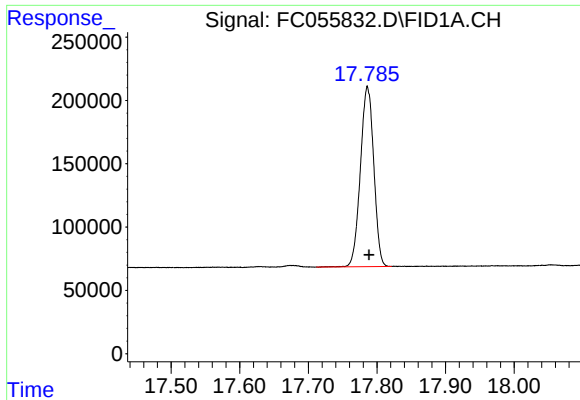
#15 n-Hexacosane (C26)

R.T.: 15.952 min
Delta R.T.: -0.003 min
Response: 2018092
Conc: 17.71 ug/ml



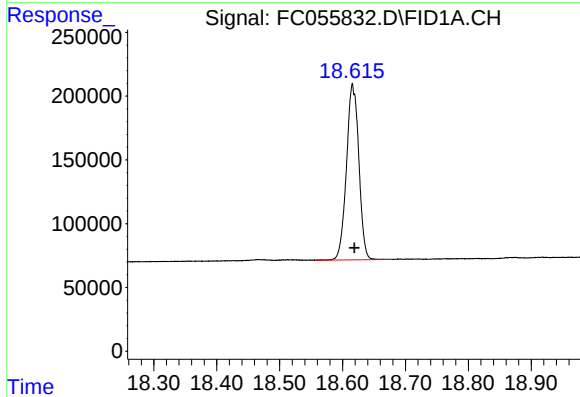
#16 n-Octacosane (C28)

R.T.: 16.900 min
Delta R.T.: -0.003 min
Response: 1951644
Conc: 17.94 ug/ml



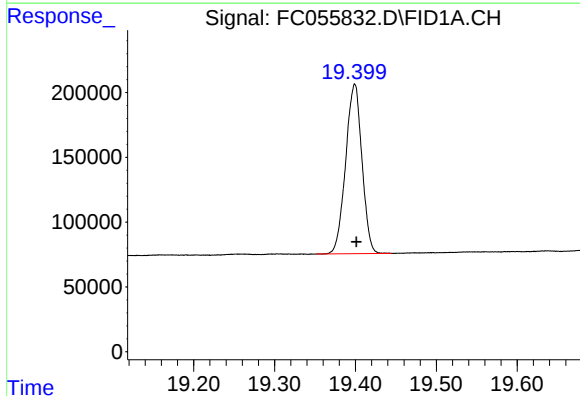
#17 n-Tricontane (C30)

R.T.: 17.786 min
Delta R.T.: -0.002 min
Response: 1920430
Conc: 18.98 ug/ml



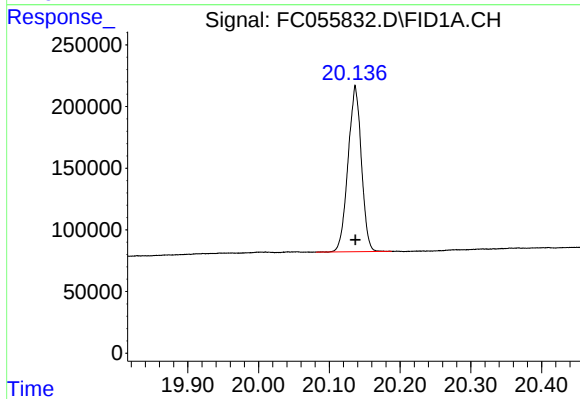
#18 n-Dotriacontane (C32)

R.T.: 18.616 min
Delta R.T.: -0.002 min
Response: 1878104
Conc: 20.55 ug/ml



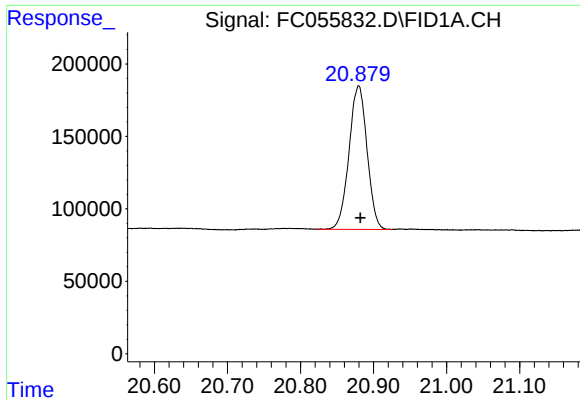
#19 n-Tetratriacontane (C34)

R.T.: 19.399 min
Delta R.T.: -0.002 min
Response: 1831927
Conc: 21.21 ug/ml



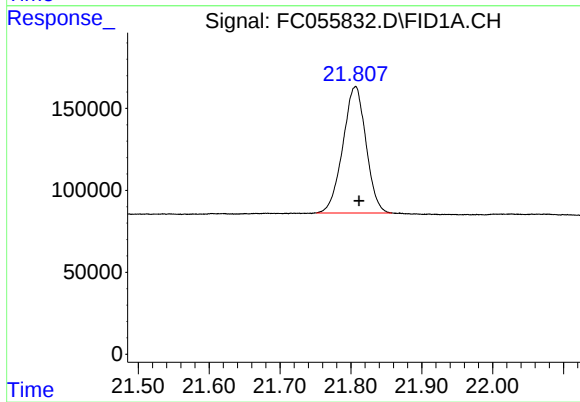
#20 n-Hexatriacontane (C36)

R.T.: 20.137 min
Delta R.T.: 0.000 min
Response: 1756891
Conc: 20.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.879 min
Delta R.T.: -0.003 min
Response: 1699462
Conc: 22.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.807 min
Delta R.T.: -0.005 min
Response: 1748751
Conc: 24.97 ug/ml m