

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122420AL\
 Data File : FC051453.D
 Signal(s) : FID1A.CH
 Acq On : 24 Dec 2020 13:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 24 14:26:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 2020
 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)	11.565	2441537	21.066 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
12) S 1-chlorooctadecane (S...	13.000	1887811	20.927 ug/ml
Spiked Amount 50.000		Recovery =	41.85%
Target Compounds			
1) T n-Nonane (C9)	3.327	2209272	22.393 ug/ml
2) T n-Decane (C10)	4.394	2240874	22.662 ug/ml
3) T A~Naphthalene (C11.7)	5.984	2359289	22.559 ug/ml
4) T n-Dodecane (C12)	6.411	2310135	22.598 ug/ml
5) T A~2-methylnaphthalene...	7.042	2372611	22.587 ug/ml
6) T n-Tetradecane (C14)	8.206	2273712	22.414 ug/ml
7) T n-Hexadecane (C16)	9.805	2219102	22.033 ug/ml
8) T n-Octadecane (C18)	11.247	2299098	21.557 ug/ml
10) T n-Eicosane (C20)	12.555	2281396	21.185 ug/ml
11) T n-Heneicosane (C21)	13.166	2249862	20.975 ug/ml
13) T n-Docosane (C22)	13.751	2234907	20.927 ug/ml
14) T n-Tetracosane (C24)	14.852	2179902	20.596 ug/ml
15) T n-Hexacosane (C26)	15.871	2107345	20.346 ug/ml
16) T n-Octacosane (C28)	16.819	2066953	20.301 ug/ml
17) T n-Tricontane (C30)	17.705	2022965	20.542 ug/ml
18) T n-Dotriacontane (C32)	18.535	1897343	20.942 ug/ml
19) T n-Tetratriacontane (C34)	19.316	1818739	21.398 ug/ml
20) T n-Hexatriacontane (C36)	20.055	1746895	20.602 ug/mlm
21) T n-Octatriacontane (C38)	20.787	1691774	22.097 ug/ml
22) T n-Tetracontane (C40)	21.693	1735762	21.950 ug/ml

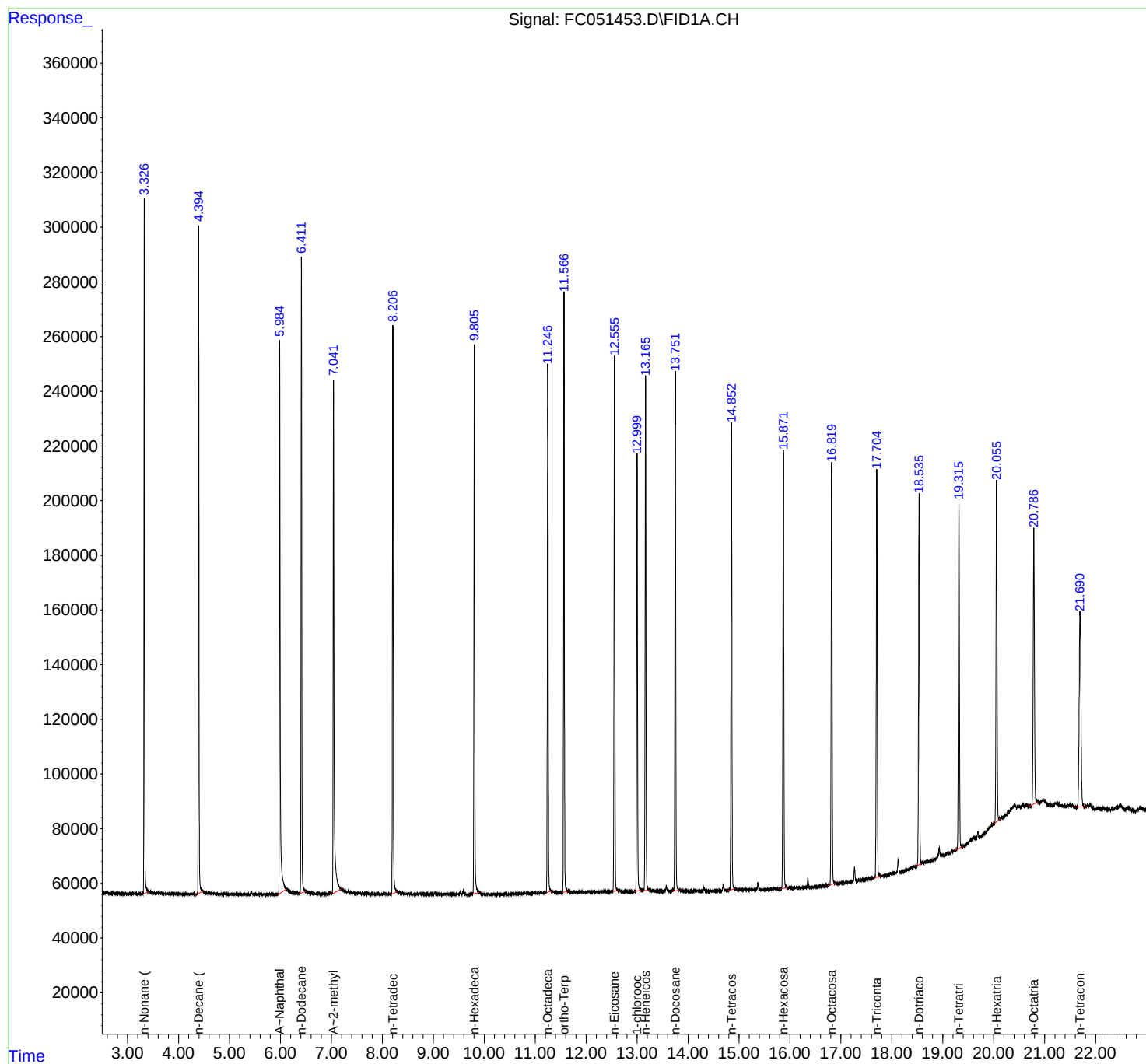
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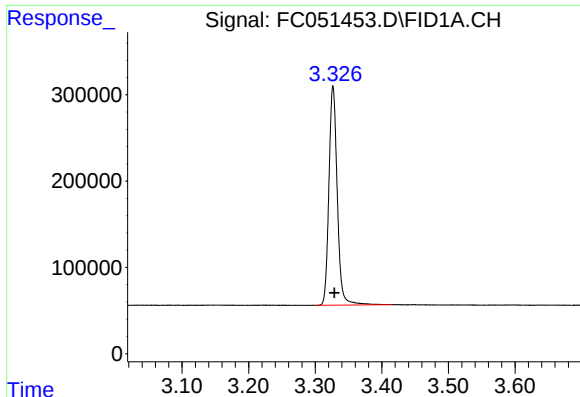
(m)=manual int.

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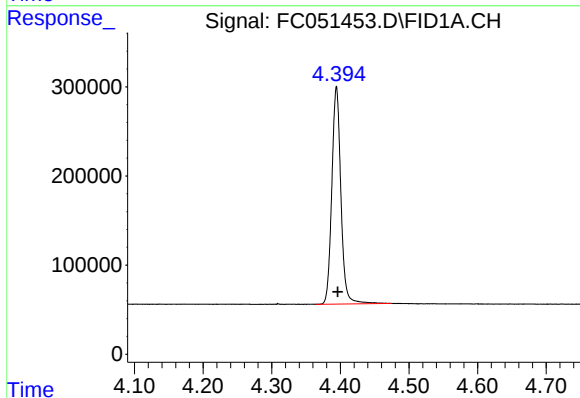
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





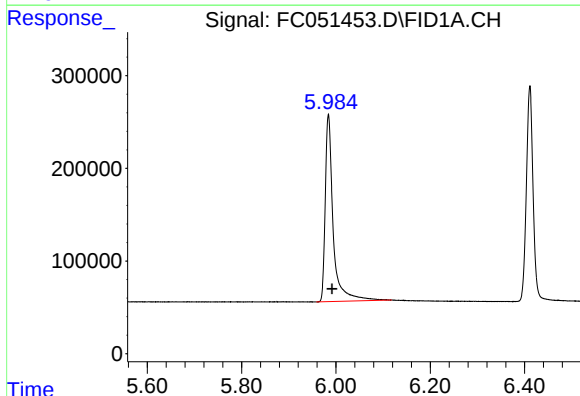
#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 2209272
Conc: 22.39 ug/ml



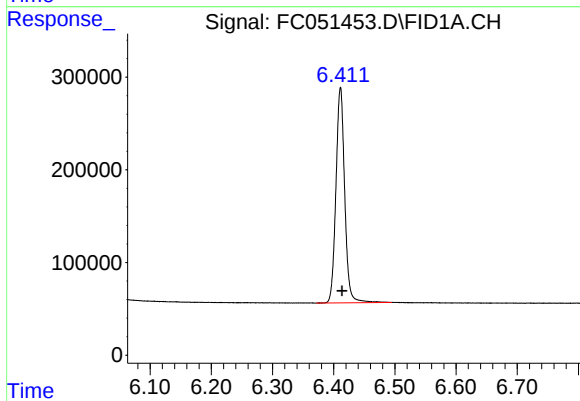
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: -0.002 min
Response: 2240874
Conc: 22.66 ug/ml



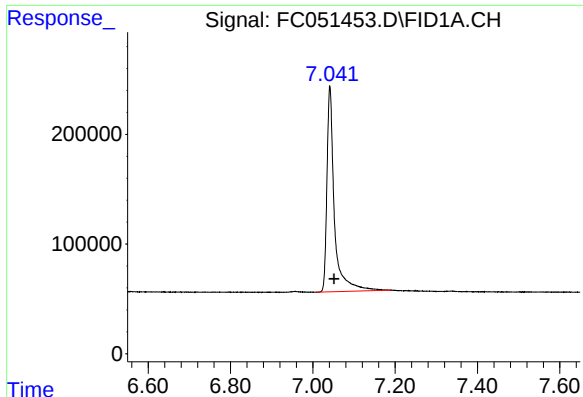
#3 A~Naphthalene (C11.7)

R.T.: 5.984 min
Delta R.T.: -0.007 min
Response: 2359289
Conc: 22.56 ug/ml



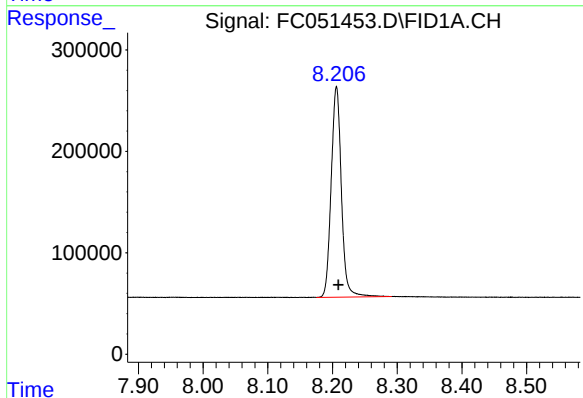
#4 n-Dodecane (C12)

R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 2310135
Conc: 22.60 ug/ml



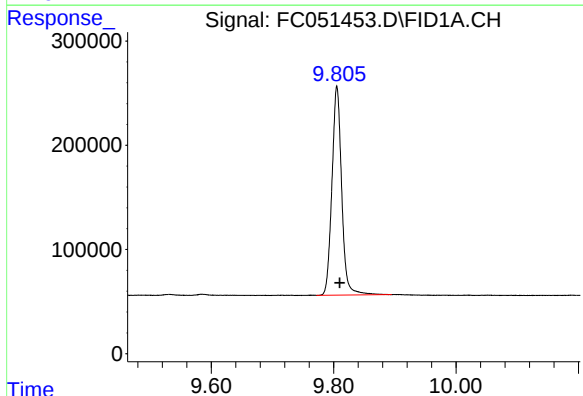
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.042 min
Delta R.T.: -0.010 min
Response: 2372611
Conc: 22.59 ug/ml



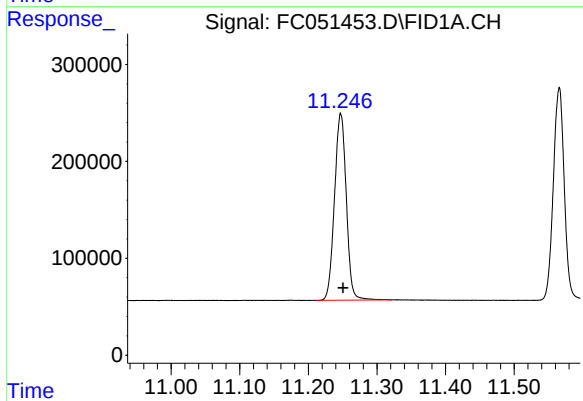
#6 n-Tetradecane (C14)

R.T.: 8.206 min
Delta R.T.: -0.003 min
Response: 2273712
Conc: 22.41 ug/ml



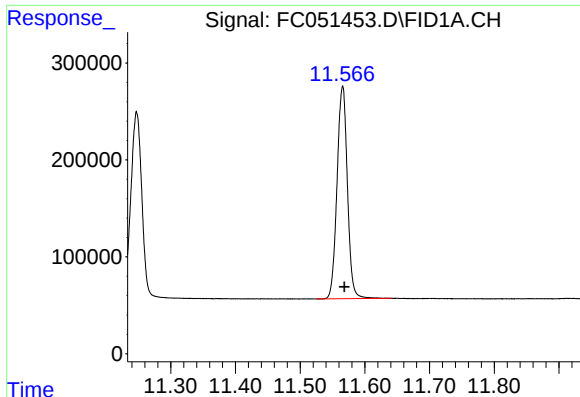
#7 n-Hexadecane (C16)

R.T.: 9.805 min
Delta R.T.: -0.005 min
Response: 2219102
Conc: 22.03 ug/ml



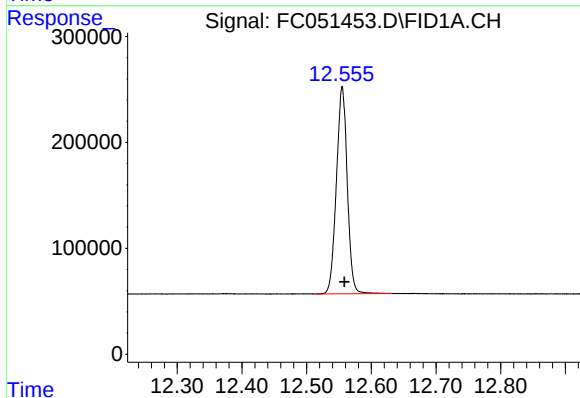
#8 n-Octadecane (C18)

R.T.: 11.247 min
Delta R.T.: -0.003 min
Response: 2299098
Conc: 21.56 ug/ml



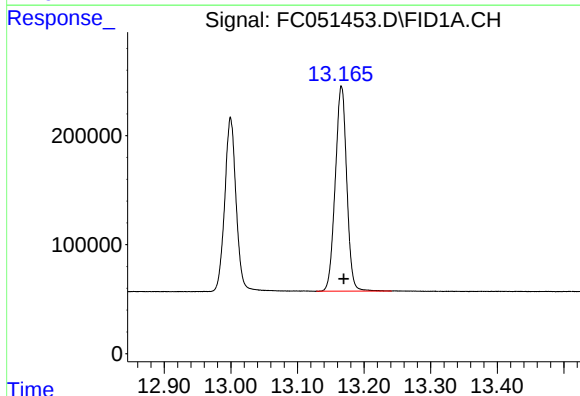
#9 ortho-Terphenyl (SURR)

R.T.: 11.565 min
Delta R.T.: -0.003 min
Response: 2441537
Conc: 21.07 ug/ml



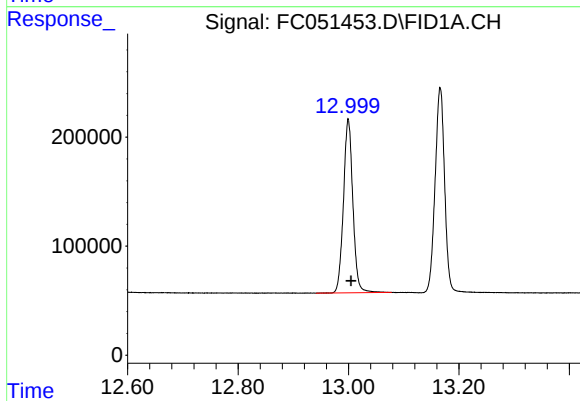
#10 n-Eicosane (C20)

R.T.: 12.555 min
Delta R.T.: -0.003 min
Response: 2281396
Conc: 21.18 ug/ml



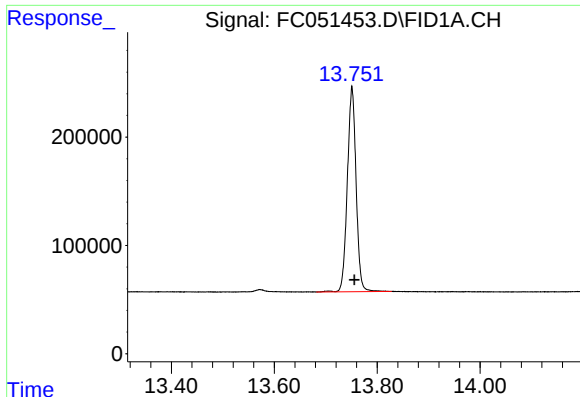
#11 n-Heneicosane (C21)

R.T.: 13.166 min
Delta R.T.: -0.004 min
Response: 2249862
Conc: 20.98 ug/ml



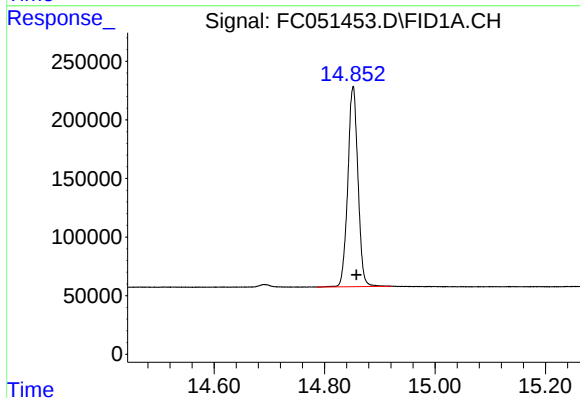
#12 1-chlorooctadecane (SURR)

R.T.: 13.000 min
Delta R.T.: -0.005 min
Response: 1887811
Conc: 20.93 ug/ml



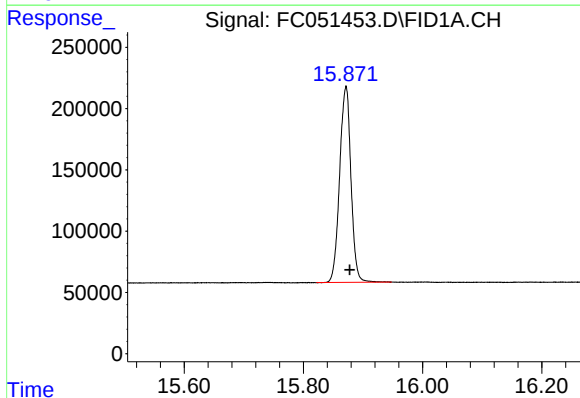
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: -0.005 min
Response: 2234907
Conc: 20.93 ug/ml



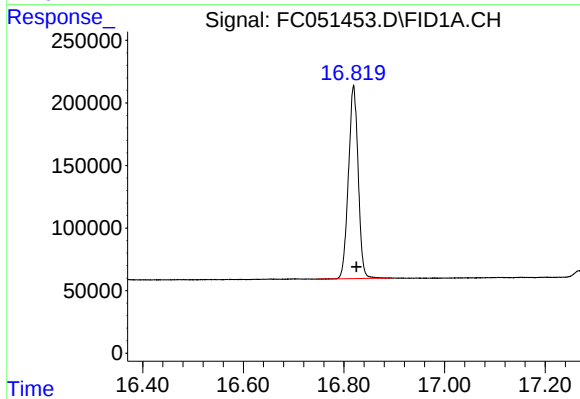
#14 n-Tetracosane (C24)

R.T.: 14.852 min
Delta R.T.: -0.006 min
Response: 2179902
Conc: 20.60 ug/ml



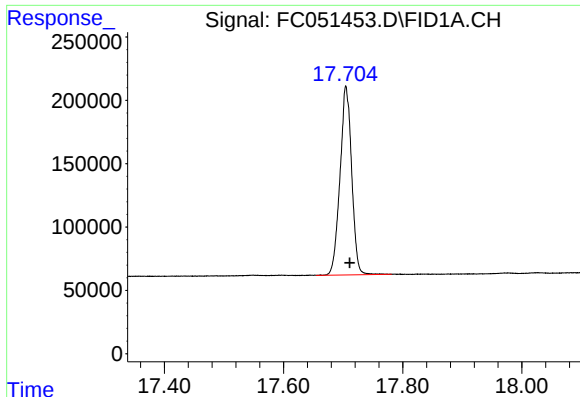
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: -0.007 min
Response: 2107345
Conc: 20.35 ug/ml



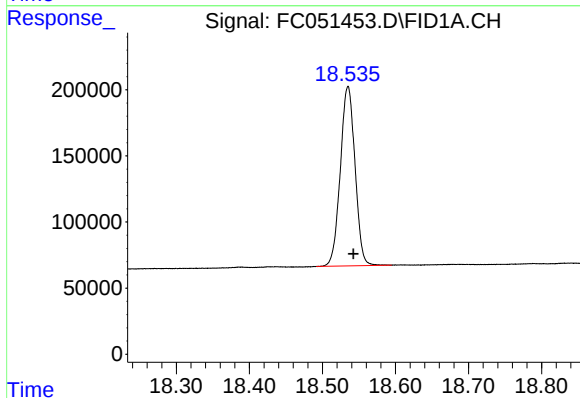
#16 n-Octacosane (C28)

R.T.: 16.819 min
Delta R.T.: -0.006 min
Response: 2066953
Conc: 20.30 ug/ml



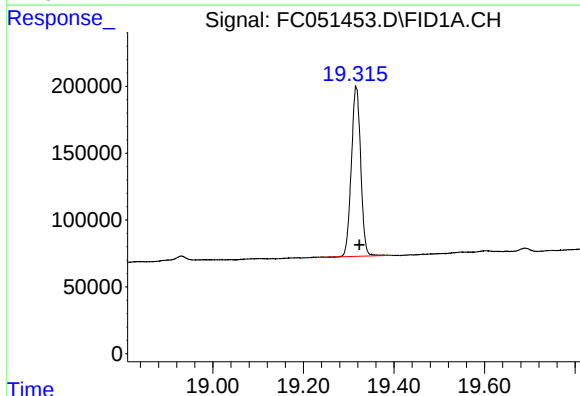
#17 n-Tricontane (C30)

R.T.: 17.705 min
Delta R.T.: -0.006 min
Response: 2022965
Conc: 20.54 ug/ml



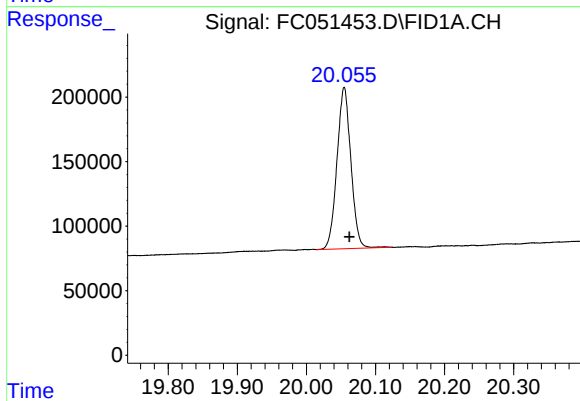
#18 n-Dotriacontane (C32)

R.T.: 18.535 min
Delta R.T.: -0.007 min
Response: 1897343
Conc: 20.94 ug/ml



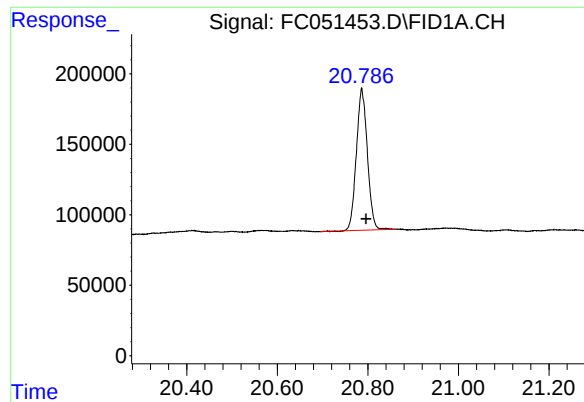
#19 n-Tetratriacontane (C34)

R.T.: 19.316 min
Delta R.T.: -0.007 min
Response: 1818739
Conc: 21.40 ug/ml



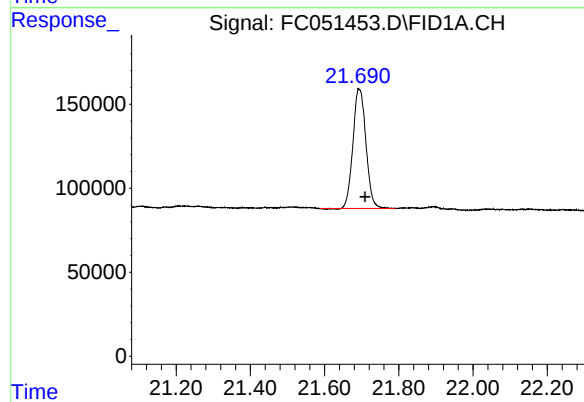
#20 n-Hexatriacontane (C36)

R.T.: 20.055 min
Delta R.T.: -0.007 min
Response: 1746895
Conc: 20.60 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: -0.009 min
Response: 1691774
Conc: 22.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.693 min
Delta R.T.: -0.016 min
Response: 1735762
Conc: 21.95 ug/ml