

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032322AL\
 Data File : FC058871.D
 Signal(s) : FID1A.CH
 Acq On : 23 Mar 2022 15:35
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 24 05:51:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032322.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 11:55:12 2022
 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)	11.397	2813345	19.301 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
12) S 1-chlorooctadecane (S...	12.826	2112925	19.733 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
Target Compounds			
1) T n-Nonane (C9)	3.255	2200207	19.341 ug/ml
2) T n-Decane (C10)	4.303	2200807	19.748 ug/ml
3) T A~Naphthalene (C11.7)	5.872	2242416	19.682 ug/ml
4) T n-Dodecane (C12)	6.296	2322995	19.513 ug/ml
5) T A~2-methylnaphthalene...	6.918	2118589	18.597 ug/ml
6) T n-Tetradecane (C14)	8.072	2344697	19.581 ug/ml
7) T n-Hexadecane (C16)	9.658	2437522	19.558 ug/ml
8) T n-Octadecane (C18)	11.087	2553573	19.564 ug/ml
10) T n-Eicosane (C20)	12.386	2589825	19.296 ug/ml
11) T n-Heneicosane (C21)	12.993	2645707	19.485 ug/ml
13) T n-Docosane (C22)	13.575	2634181	19.603 ug/ml
14) T n-Tetracosane (C24)	14.670	2596833	19.550 ug/ml
15) T n-Hexacosane (C26)	15.685	2515366	19.811 ug/ml
16) T n-Octacosane (C28)	16.628	2400983	20.132 ug/ml
17) T n-Tricontane (C30)	17.509	2217659	20.151 ug/ml
18) T n-Dotriacontane (C32)	18.337	1970063	19.924 ug/ml
19) T n-Tetratriacontane (C34)	19.116	1720384	19.516 ug/ml
20) T n-Hexatriacontane (C36)	19.851	1521010	19.310 ug/ml
21) T n-Octatriacontane (C38)	20.554	1289437	19.244 ug/ml
22) T n-Tetracontane (C40)	21.376	945254	18.498 ug/ml

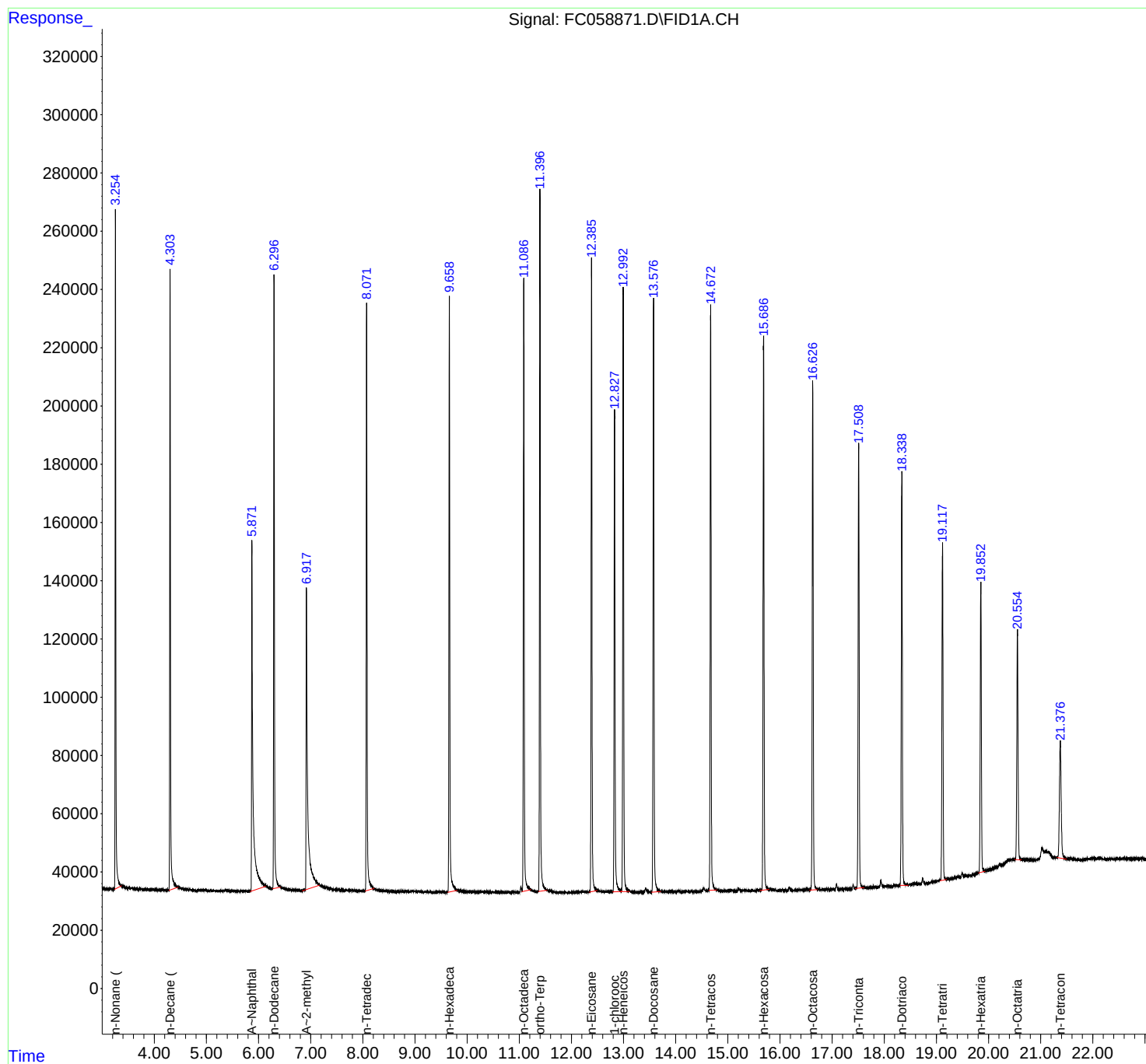
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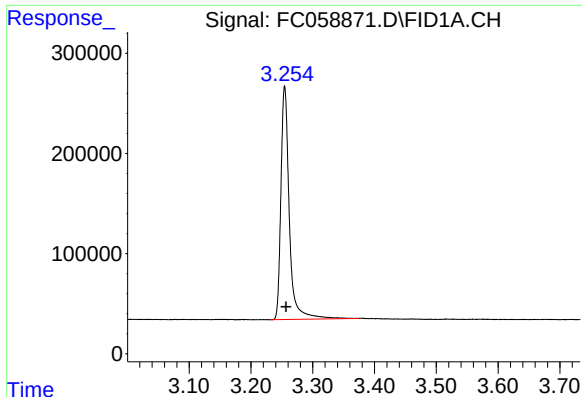
(m)=manual int.

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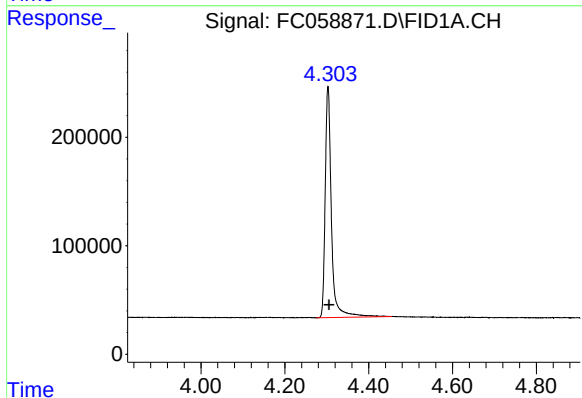
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Signal Info : 20M x 0.18mm x 0.18um





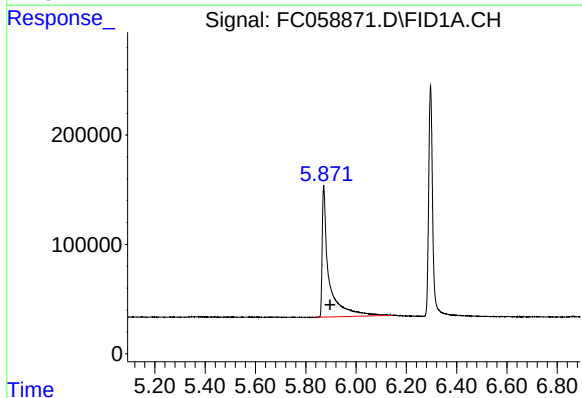
#1 n-Nonane (C9)

R.T.: 3.255 min
Delta R.T.: -0.002 min
Response: 2200207
Conc: 19.34 ug/ml



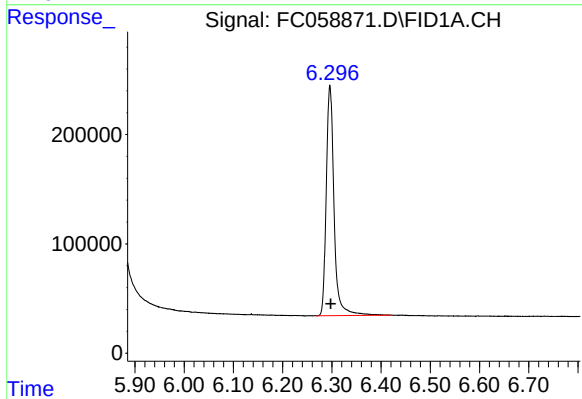
#2 n-Decane (C10)

R.T.: 4.303 min
Delta R.T.: -0.002 min
Response: 2200807
Conc: 19.75 ug/ml



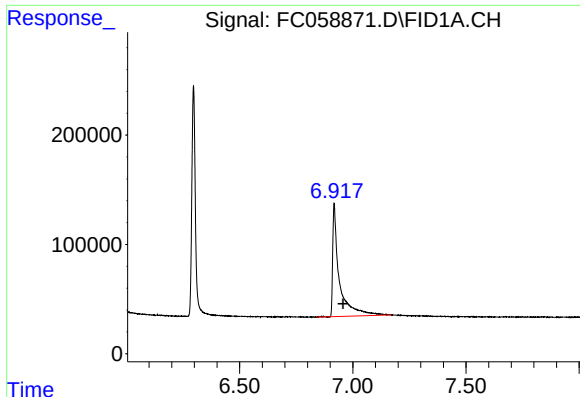
#3 A~Naphthalene (C11.7)

R.T.: 5.872 min
Delta R.T.: -0.024 min
Response: 2242416
Conc: 19.68 ug/ml



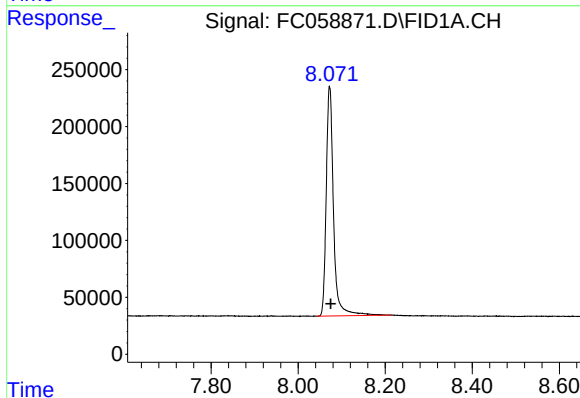
#4 n-Dodecane (C12)

R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 2322995
Conc: 19.51 ug/ml



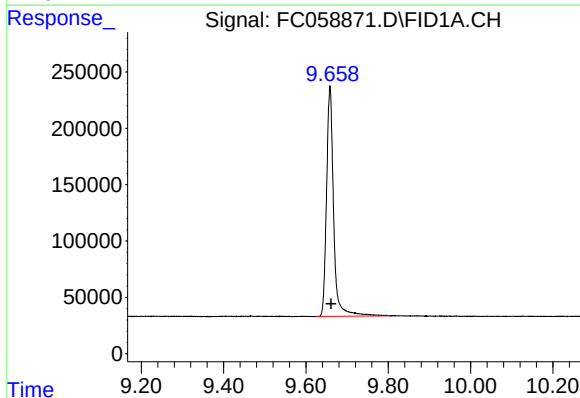
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.918 min
Delta R.T.: -0.039 min
Response: 2118589
Conc: 18.60 ug/ml



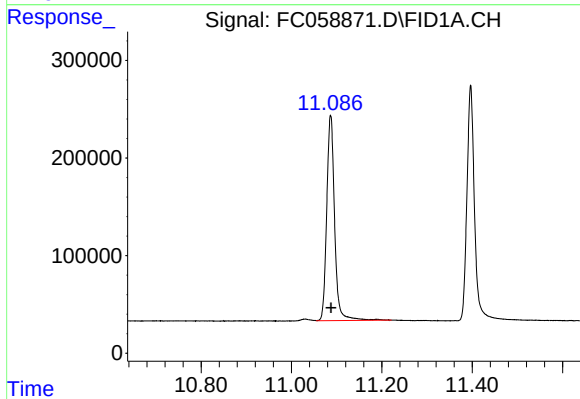
#6 n-Tetradecane (C14)

R.T.: 8.072 min
Delta R.T.: -0.003 min
Response: 2344697
Conc: 19.58 ug/ml



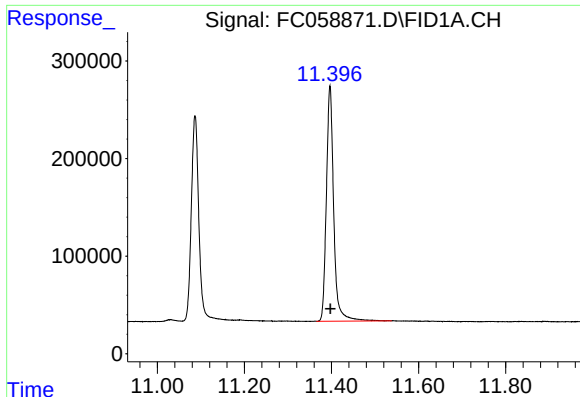
#7 n-Hexadecane (C16)

R.T.: 9.658 min
Delta R.T.: -0.003 min
Response: 2437522
Conc: 19.56 ug/ml



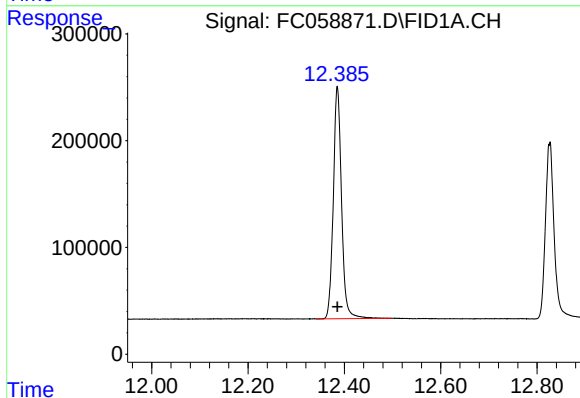
#8 n-Octadecane (C18)

R.T.: 11.087 min
Delta R.T.: -0.001 min
Response: 2553573
Conc: 19.56 ug/ml



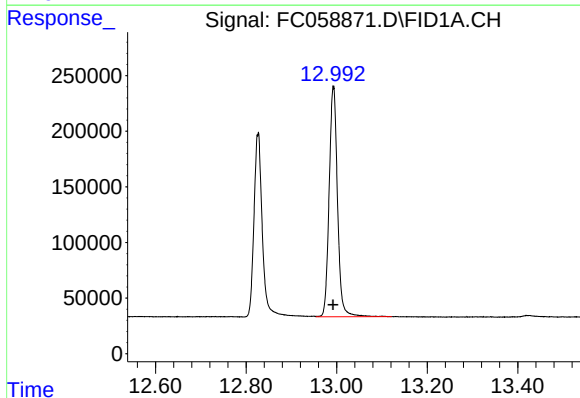
#9 ortho-Terphenyl (SURR)

R.T.: 11.397 min
Delta R.T.: -0.001 min
Response: 2813345
Conc: 19.30 ug/ml



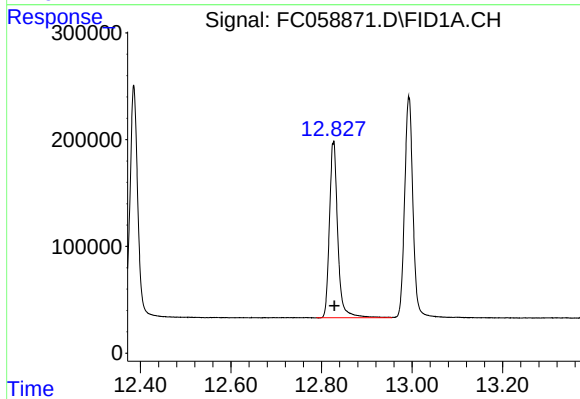
#10 n-Eicosane (C20)

R.T.: 12.386 min
Delta R.T.: 0.000 min
Response: 2589825
Conc: 19.30 ug/ml



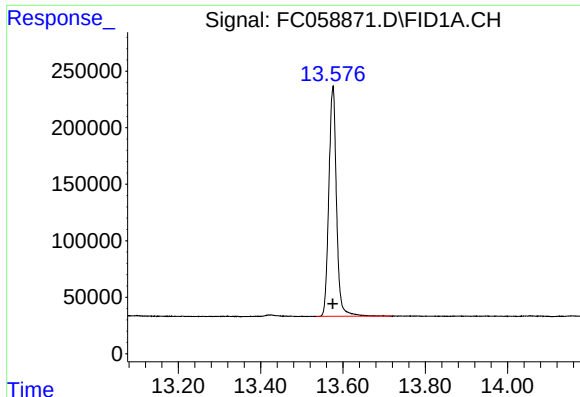
#11 n-Heneicosane (C21)

R.T.: 12.993 min
Delta R.T.: 0.000 min
Response: 2645707
Conc: 19.49 ug/ml



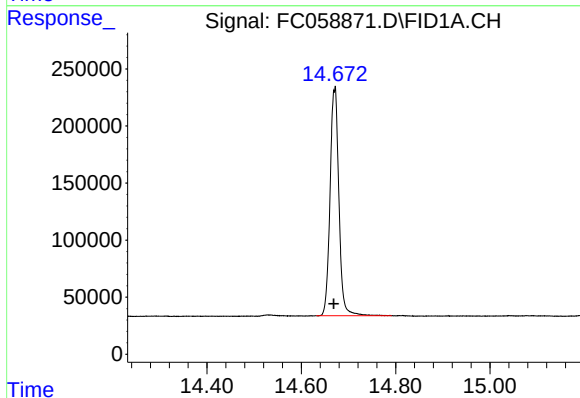
#12 1-chlorooctadecane (SURR)

R.T.: 12.826 min
Delta R.T.: -0.002 min
Response: 2112925
Conc: 19.73 ug/ml



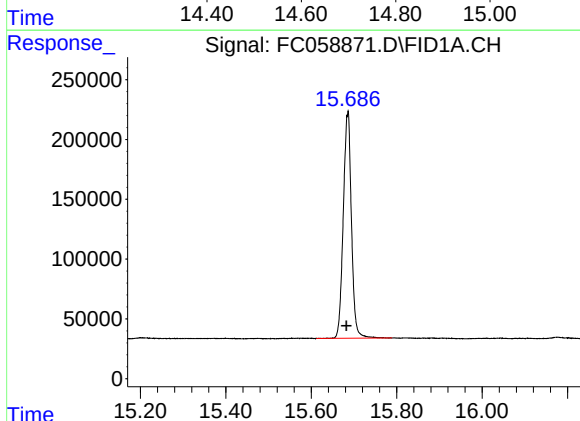
#13 n-Docosane (C22)

R.T.: 13.575 min
Delta R.T.: 0.000 min
Response: 2634181
Conc: 19.60 ug/ml



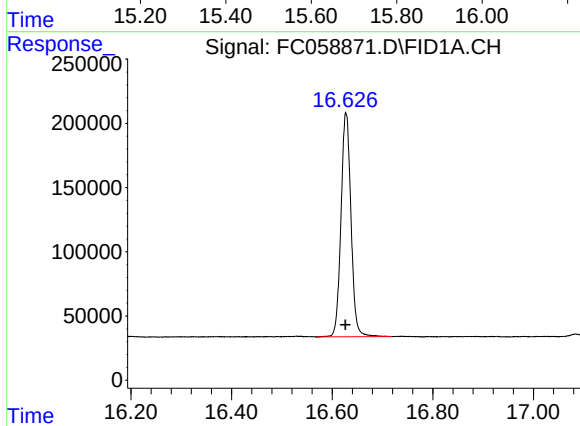
#14 n-Tetracosane (C24)

R.T.: 14.670 min
Delta R.T.: 0.001 min
Response: 2596833
Conc: 19.55 ug/ml



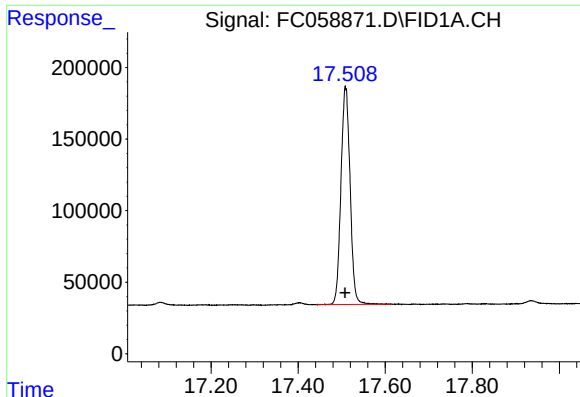
#15 n-Hexacosane (C26)

R.T.: 15.685 min
Delta R.T.: 0.002 min
Response: 2515366
Conc: 19.81 ug/ml



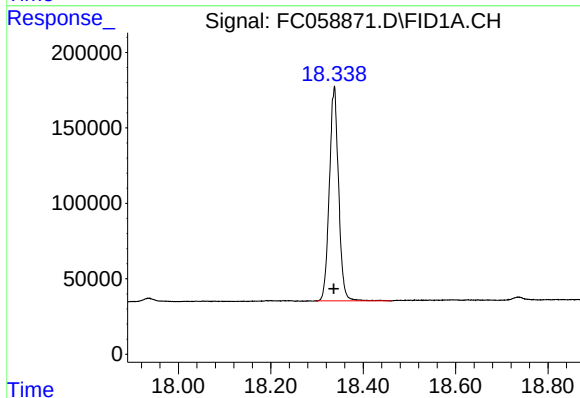
#16 n-Octacosane (C28)

R.T.: 16.628 min
Delta R.T.: 0.001 min
Response: 2400983
Conc: 20.13 ug/ml



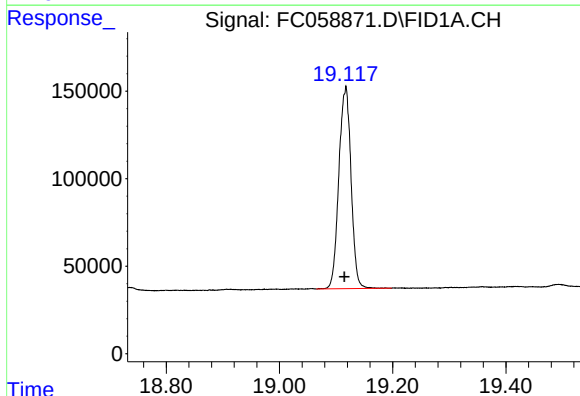
#17 n-Tricontane (C30)

R.T.: 17.509 min
Delta R.T.: 0.002 min
Response: 2217659
Conc: 20.15 ug/ml



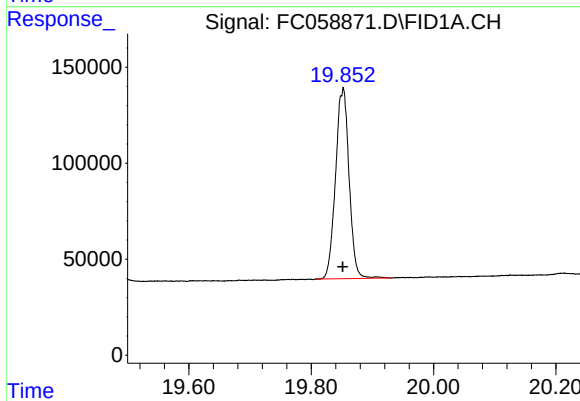
#18 n-Dotriacontane (C32)

R.T.: 18.337 min
Delta R.T.: 0.000 min
Response: 1970063
Conc: 19.92 ug/ml



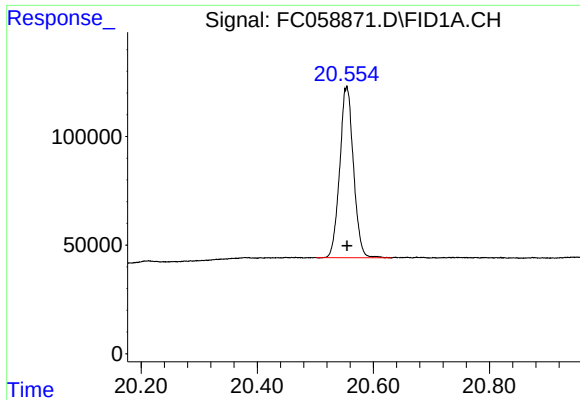
#19 n-Tetratriacontane (C34)

R.T.: 19.116 min
Delta R.T.: 0.001 min
Response: 1720384
Conc: 19.52 ug/ml



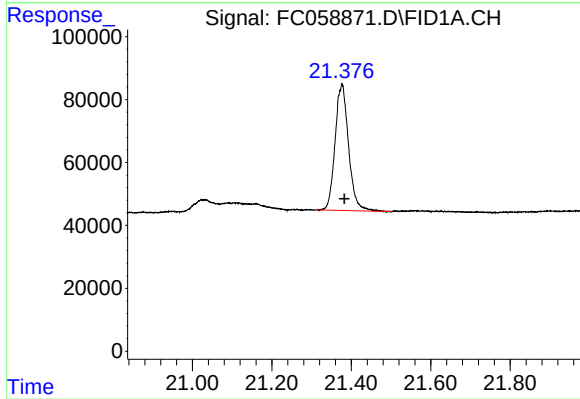
#20 n-Hexatriacontane (C36)

R.T.: 19.851 min
Delta R.T.: 0.000 min
Response: 1521010
Conc: 19.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.554 min
Delta R.T.: 0.000 min
Response: 1289437
Conc: 19.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.376 min
Delta R.T.: -0.007 min
Response: 945254
Conc: 18.50 ug/ml