

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082719AL\
 Data File : FC043158.D
 Signal(s) : FID1A.CH
 Acq On : 28 Aug 2019 13:05
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 28 13:33:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 082719.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 28 04:05:56 2019
 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)	11.637	2632566	18.387 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
12) S 1-chlorooctadecane (S...	13.060	1971802	18.048 ug/ml
Spiked Amount 50.000		Recovery =	36.10%
Target Compounds			
1) T n-Nonane (C9)	3.461	2460477	20.659 ug/ml
2) T n-Decane (C10)	4.519	2479173	20.849 ug/ml
3) T A~Naphthalene (C11.7)	6.101	2588641	21.222 ug/ml
4) T n-Dodecane (C12)	6.517	2510183	20.518 ug/ml
5) T A~2-methylnaphthalene...	7.149	2607476	21.242 ug/ml
6) T n-Tetradecane (C14)	8.296	2487541	20.123 ug/ml
7) T n-Hexadecane (C16)	9.884	2465216	19.773 ug/ml
8) T n-Octadecane (C18)	11.315	2416731	19.000 ug/ml
10) T n-Eicosane (C20)	12.616	2361354	18.393 ug/ml
11) T n-Heneicosane (C21)	13.224	2337694	18.051 ug/ml
13) T n-Docosane (C22)	13.806	2300595	17.909 ug/ml
14) T n-Tetracosane (C24)	14.903	2242719	17.506 ug/ml
15) T n-Hexacosane (C26)	15.920	2202232	17.486 ug/ml
16) T n-Octacosane (C28)	16.865	2141738	17.443 ug/ml
17) T n-Tricontane (C30)	17.750	2156841	17.883 ug/ml
18) T n-Dotriacontane (C32)	18.577	2129177	18.666 ug/ml
19) T n-Tetratriacontane (C34)	19.358	2060606	19.152 ug/ml
20) T n-Hexatriacontane (C36)	20.097	2372602	22.535 ug/ml
21) T n-Octatriacontane (C38)	20.831	2420452	25.871 ug/ml
22) T n-Tetracontane (C40)	21.745	2271172	23.507 ug/ml

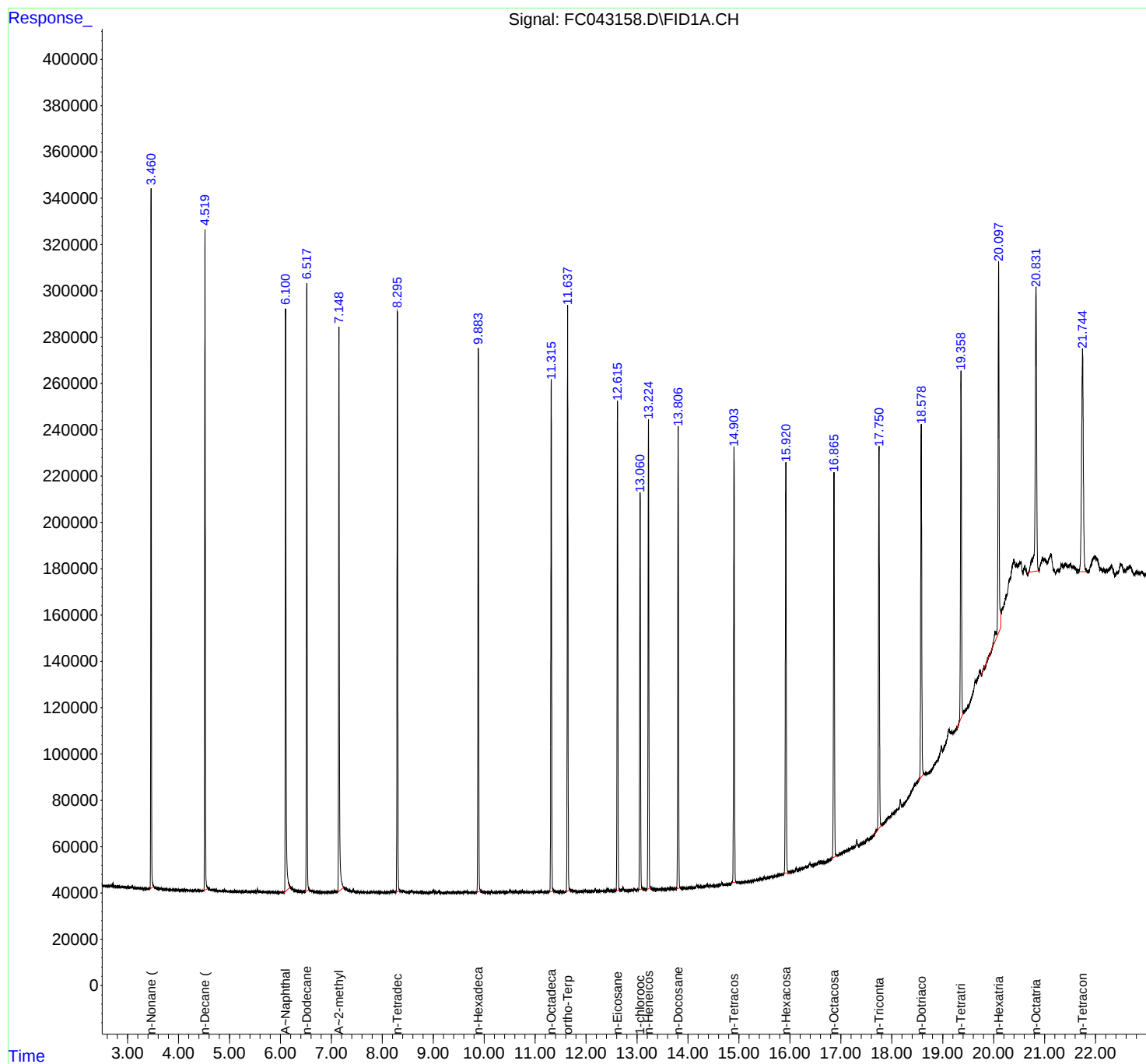
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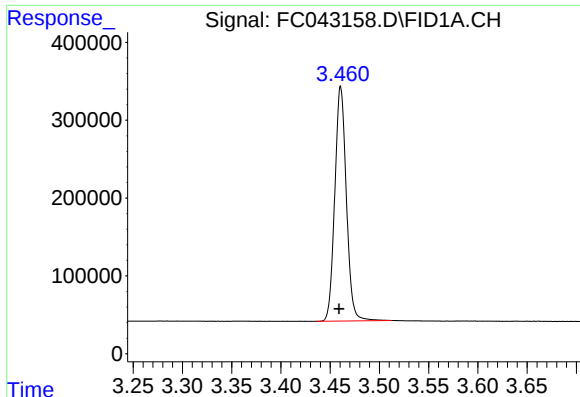
(m)=manual int.

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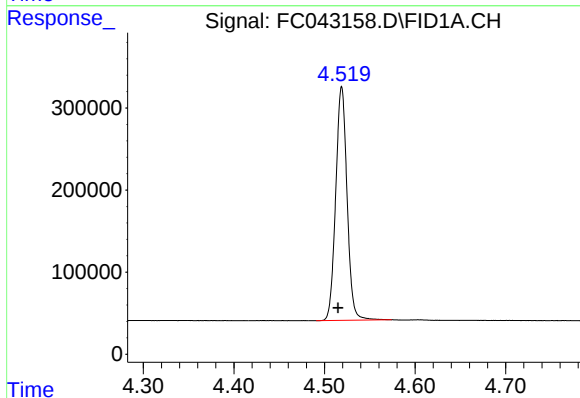
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





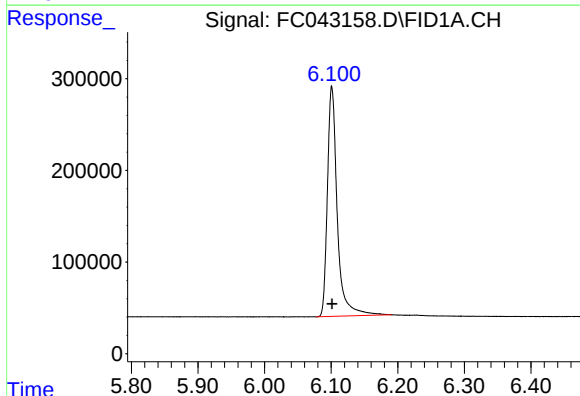
#1 n-Nonane (C9)

R.T.: 3.461 min
Delta R.T.: 0.002 min
Response: 2460477
Conc: 20.66 ug/ml



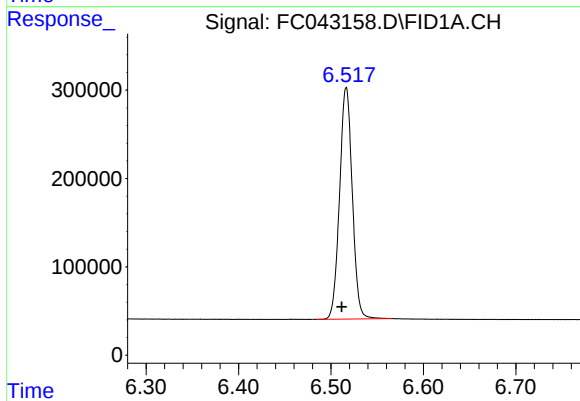
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.004 min
Response: 2479173
Conc: 20.85 ug/ml



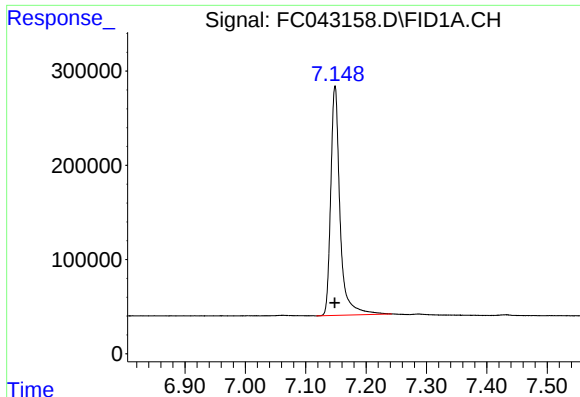
#3 A~Naphthalene (C11.7)

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 2588641
Conc: 21.22 ug/ml



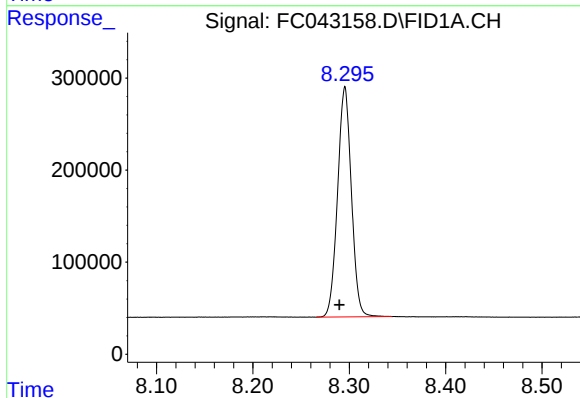
#4 n-Dodecane (C12)

R.T.: 6.517 min
Delta R.T.: 0.005 min
Response: 2510183
Conc: 20.52 ug/ml



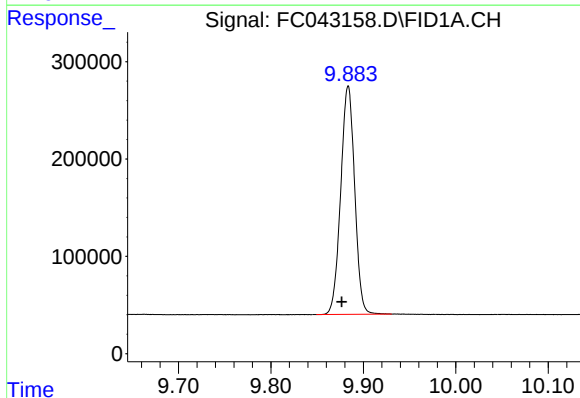
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 2607476
Conc: 21.24 ug/ml



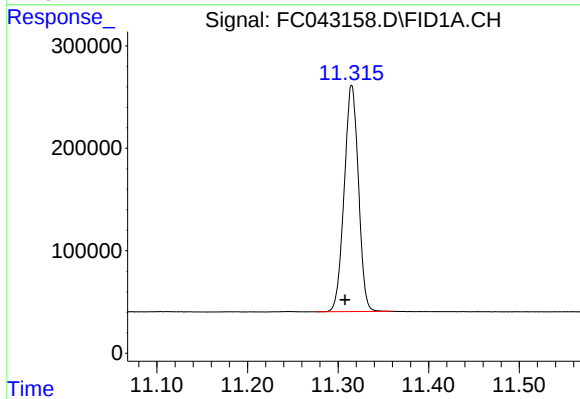
#6 n-Tetradecane (C14)

R.T.: 8.296 min
Delta R.T.: 0.006 min
Response: 2487541
Conc: 20.12 ug/ml



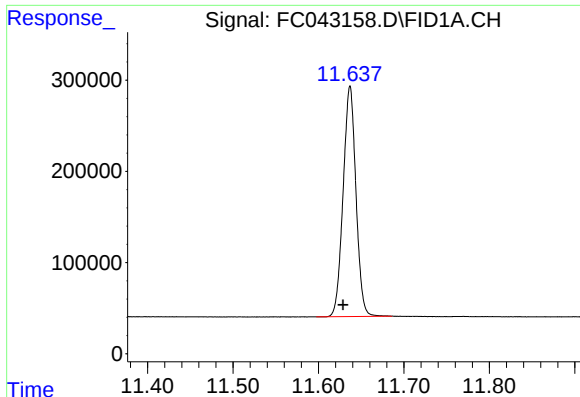
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: 0.007 min
Response: 2465216
Conc: 19.77 ug/ml



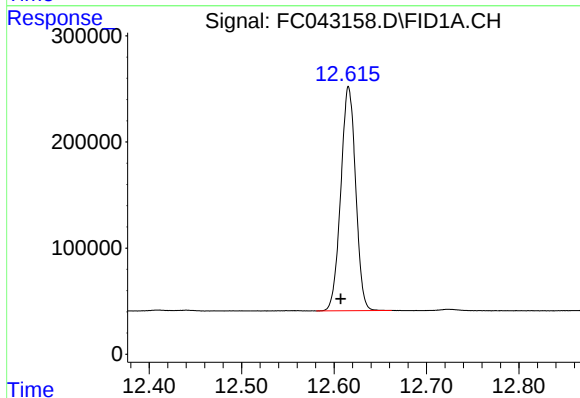
#8 n-Octadecane (C18)

R.T.: 11.315 min
Delta R.T.: 0.008 min
Response: 2416731
Conc: 19.00 ug/ml



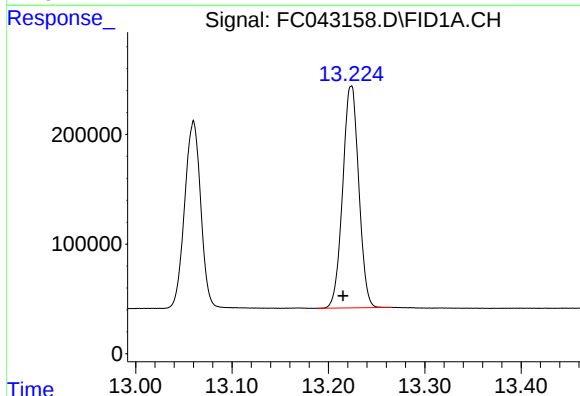
#9 ortho-Terphenyl (SURR)

R.T.: 11.637 min
Delta R.T.: 0.008 min
Response: 2632566
Conc: 18.39 ug/ml



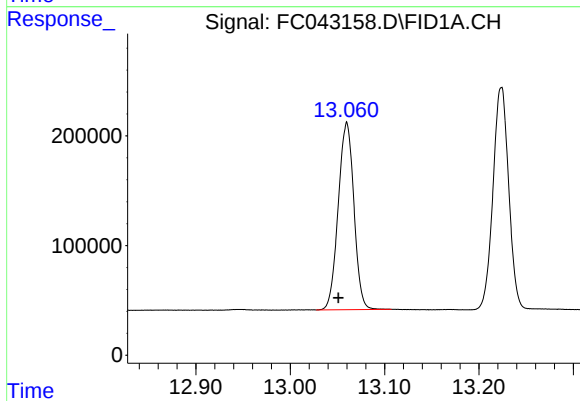
#10 n-Eicosane (C20)

R.T.: 12.616 min
Delta R.T.: 0.009 min
Response: 2361354
Conc: 18.39 ug/ml



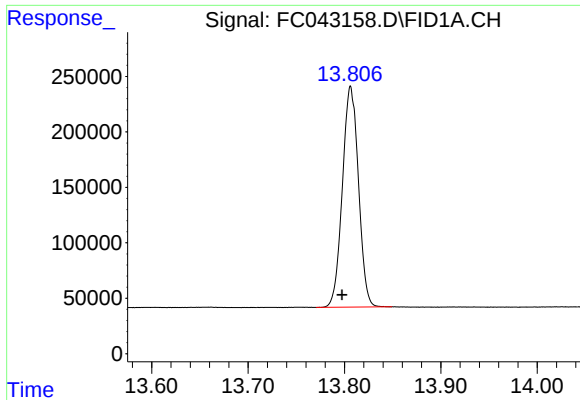
#11 n-Heneicosane (C21)

R.T.: 13.224 min
Delta R.T.: 0.009 min
Response: 2337694
Conc: 18.05 ug/ml



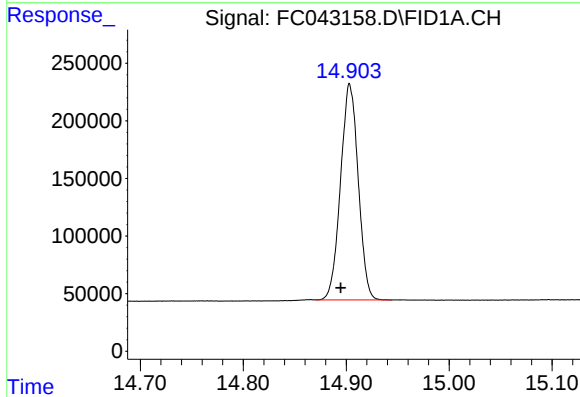
#12 1-chlorooctadecane (SURR)

R.T.: 13.060 min
Delta R.T.: 0.009 min
Response: 1971802
Conc: 18.05 ug/ml



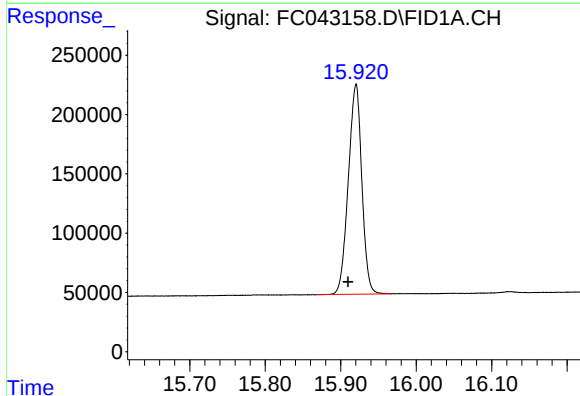
#13 n-Docosane (C22)

R.T.: 13.806 min
Delta R.T.: 0.009 min
Response: 2300595
Conc: 17.91 ug/ml



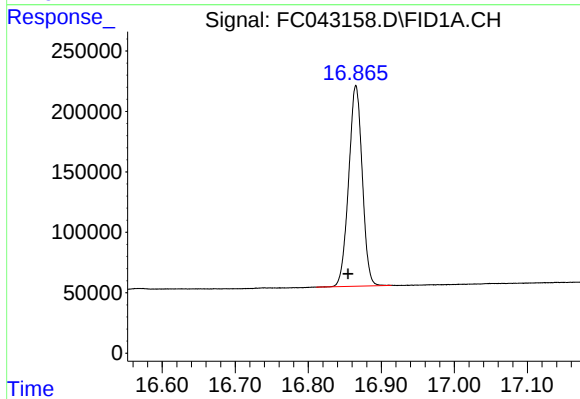
#14 n-Tetracosane (C24)

R.T.: 14.903 min
Delta R.T.: 0.009 min
Response: 2242719
Conc: 17.51 ug/ml



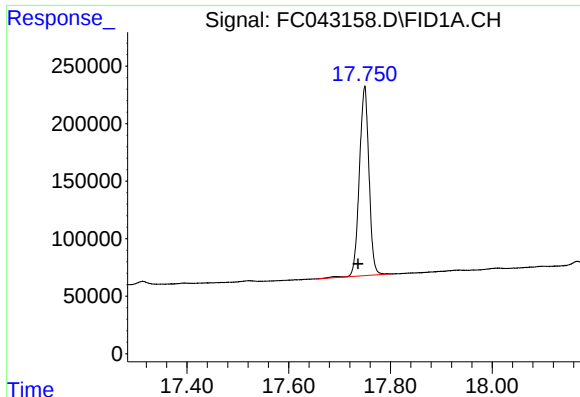
#15 n-Hexacosane (C26)

R.T.: 15.920 min
Delta R.T.: 0.011 min
Response: 2202232
Conc: 17.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.865 min
Delta R.T.: 0.011 min
Response: 2141738
Conc: 17.44 ug/ml



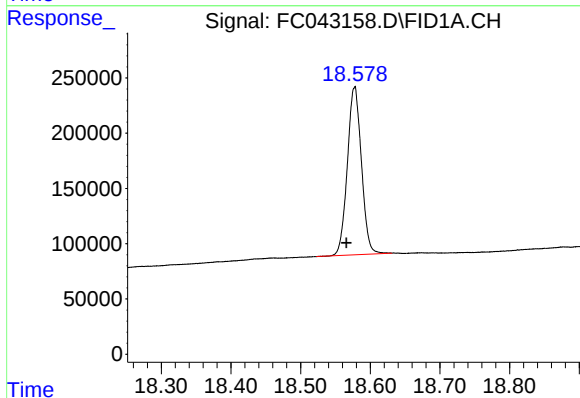
#17 n-Tricontane (C30)

R.T.: 17.750 min

Delta R.T.: 0.013 min

Response: 2156841

Conc: 17.88 ug/ml



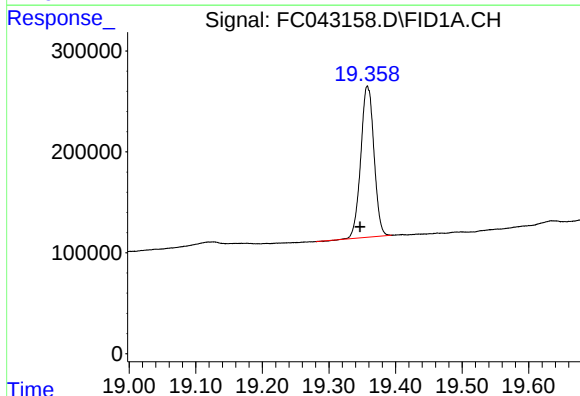
#18 n-Dotriacontane (C32)

R.T.: 18.577 min

Delta R.T.: 0.012 min

Response: 2129177

Conc: 18.67 ug/ml



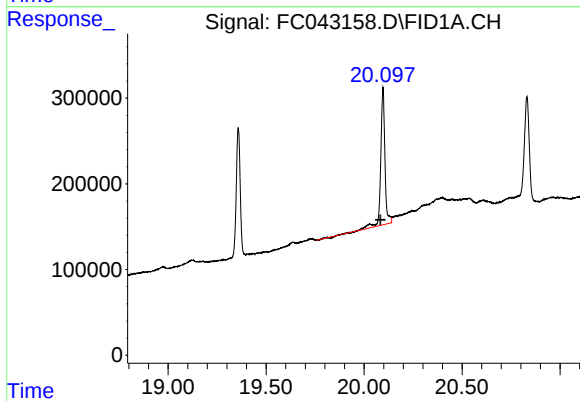
#19 n-Tetratriacontane (C34)

R.T.: 19.358 min

Delta R.T.: 0.011 min

Response: 2060606

Conc: 19.15 ug/ml



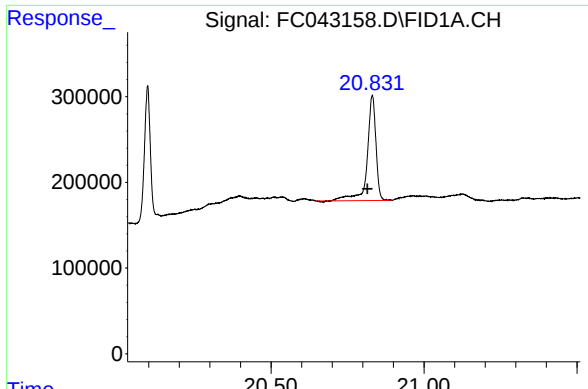
#20 n-Hexatriacontane (C36)

R.T.: 20.097 min

Delta R.T.: 0.013 min

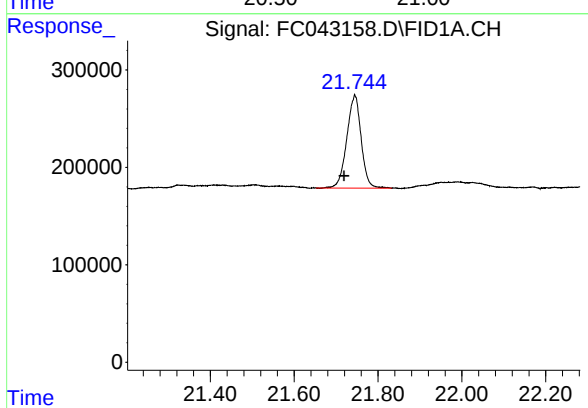
Response: 2372602

Conc: 22.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.831 min
Delta R.T.: 0.016 min
Response: 2420452
Conc: 25.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.745 min
Delta R.T.: 0.026 min
Response: 2271172
Conc: 23.51 ug/ml