

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081020AL\
 Data File : FC048934.D
 Signal(s) : FID1A.CH
 Acq On : 11 Aug 2020 00:35
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 11 02:30:10 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.675	2673138	22.498 ug/ml
Spiked Amount 50.000		Recovery =	45.00%
12) S 1-chlorooctadecane (S...	13.107	2186465	22.476 ug/ml
Spiked Amount 50.000		Recovery =	44.95%
Target Compounds			
1) T n-Nonane (C9)	3.409	2300714	22.059 ug/ml
2) T n-Decane (C10)	4.484	2335200	22.264 ug/ml
3) T A~Naphthalene (C11.7)	6.080	2637740	22.304 ug/ml
4) T n-Dodecane (C12)	6.509	2379528	22.434 ug/ml
5) T A~2-methylnaphthalene...	7.139	2700658	22.399 ug/ml
6) T n-Tetradecane (C14)	8.307	2375620	22.559 ug/ml
7) T n-Hexadecane (C16)	9.909	2362841	22.511 ug/ml
8) T n-Octadecane (C18)	11.353	2472609	22.507 ug/ml
10) T n-Eicosane (C20)	12.662	2505014	22.511 ug/ml
11) T n-Heneicosane (C21)	13.272	2510842	22.477 ug/ml
13) T n-Docosane (C22)	13.860	2523205	22.448 ug/ml
14) T n-Tetracosane (C24)	14.961	2545141	22.387 ug/ml
15) T n-Hexacosane (C26)	15.982	2537855	22.181 ug/ml
16) T n-Octacosane (C28)	16.928	2522909	21.686 ug/ml
17) T n-Tricontane (C30)	17.814	2439464	21.103 ug/ml
18) T n-Dotriacontane (C32)	18.645	2206348	20.405 ug/ml
19) T n-Tetratriacontane (C34)	19.427	2025807	19.532 ug/ml
20) T n-Hexatriacontane (C36)	20.163	1918565	19.296 ug/mlm
21) T n-Octatriacontane (C38)	20.916	1910508	20.204 ug/mlm
22) T n-Tetracontane (C40)	21.864	1764713	18.485 ug/mlm

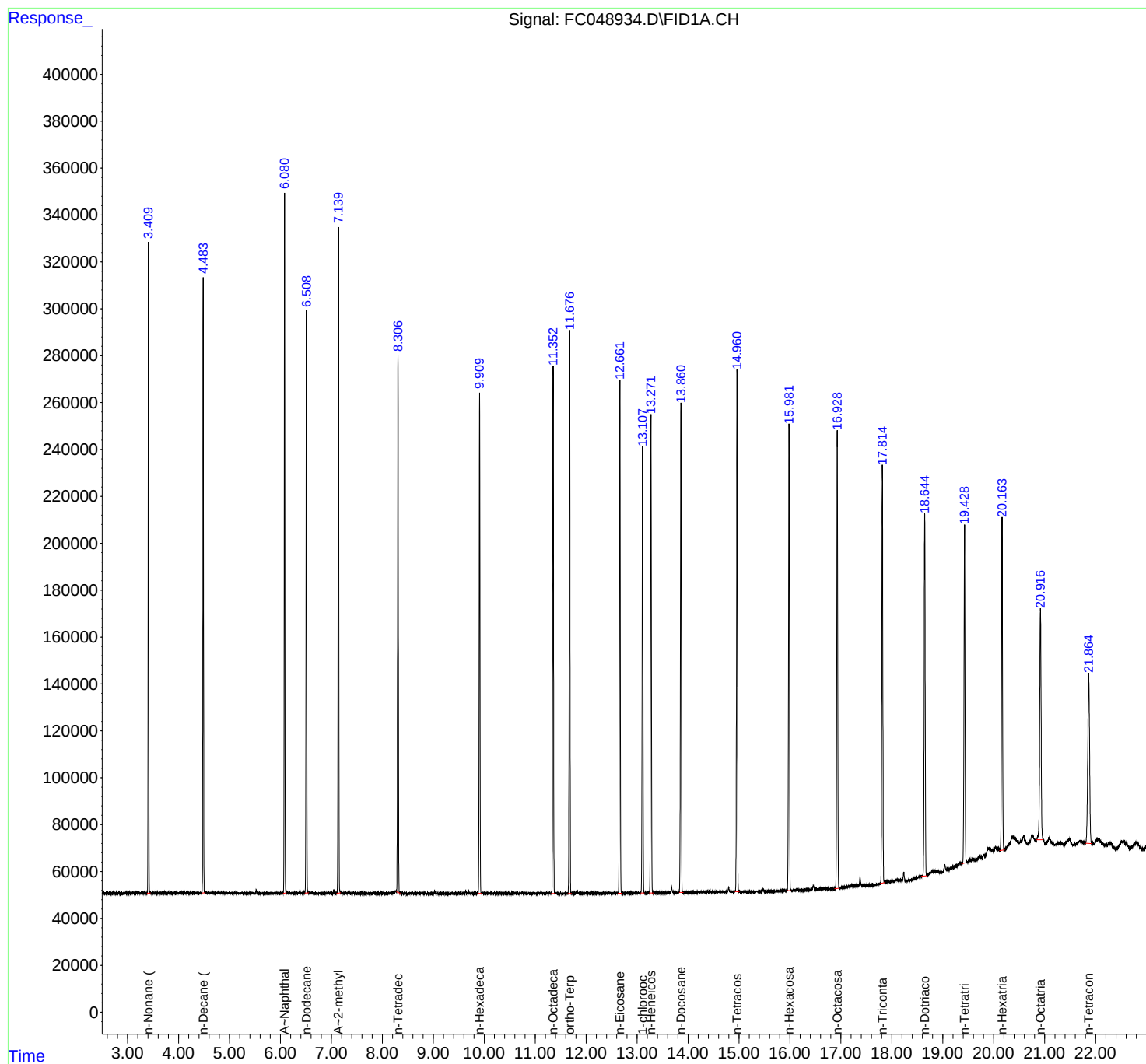
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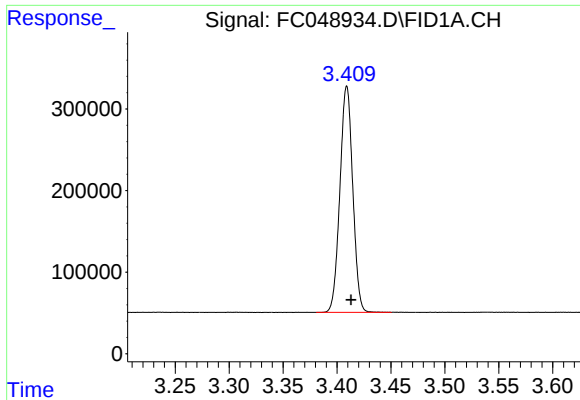
(m)=manual int.

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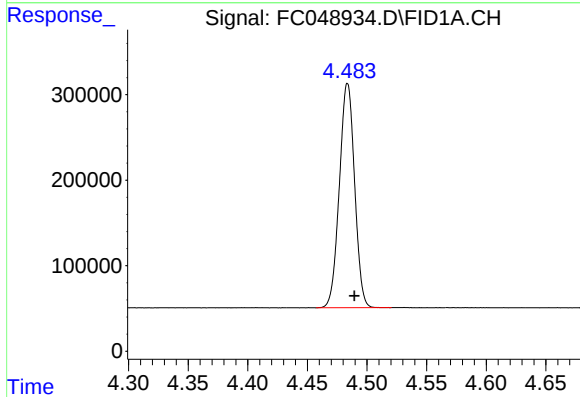
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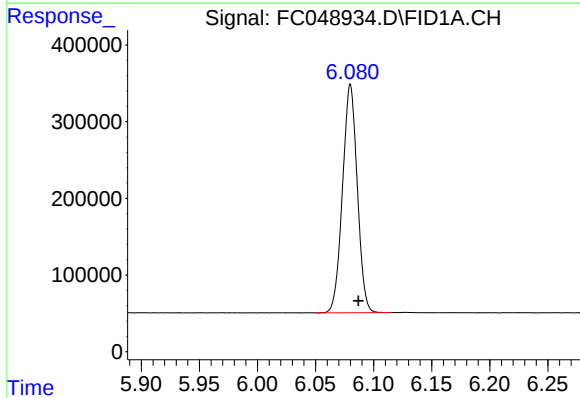
#1 n-Nonane (C9)

R.T.: 3.409 min
Delta R.T.: -0.004 min
Response: 2300714
Conc: 22.06 ug/ml



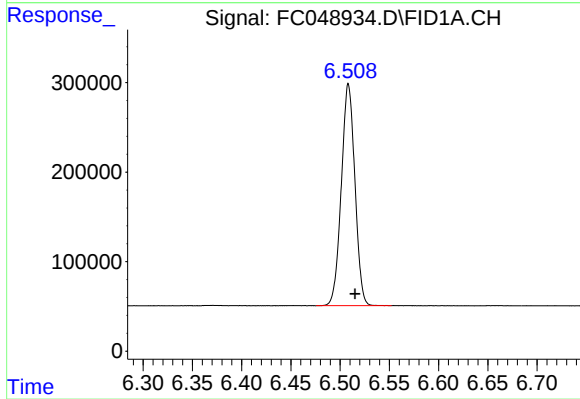
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.006 min
Response: 2335200
Conc: 22.26 ug/ml



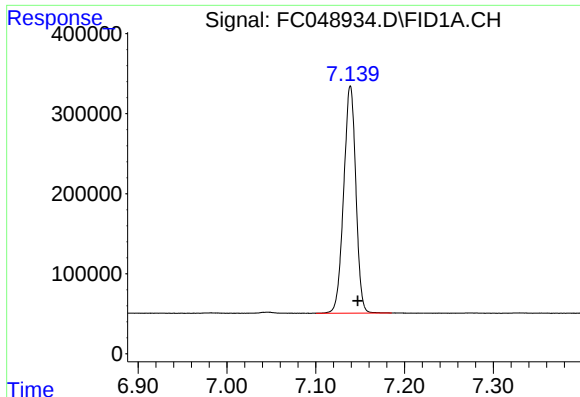
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 2637740
Conc: 22.30 ug/ml



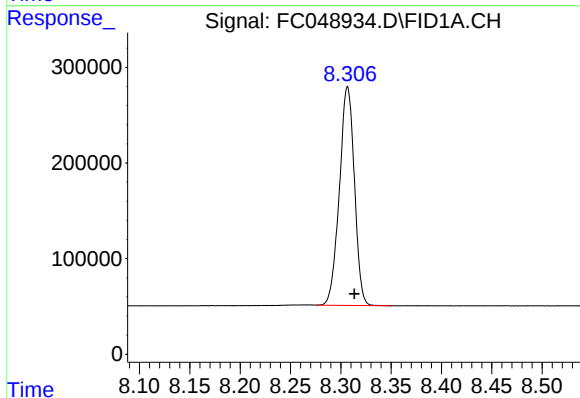
#4 n-Dodecane (C12)

R.T.: 6.509 min
Delta R.T.: -0.007 min
Response: 2379528
Conc: 22.43 ug/ml



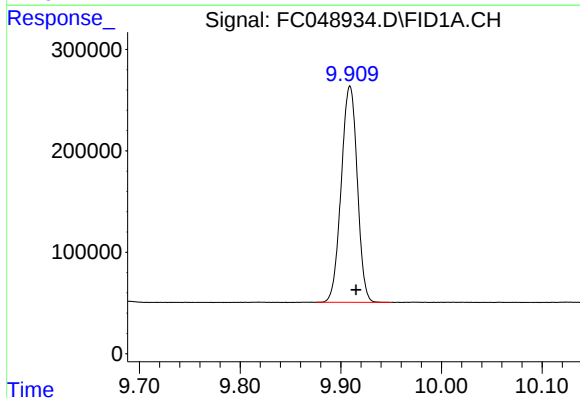
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.139 min
Delta R.T.: -0.008 min
Response: 2700658
Conc: 22.40 ug/ml



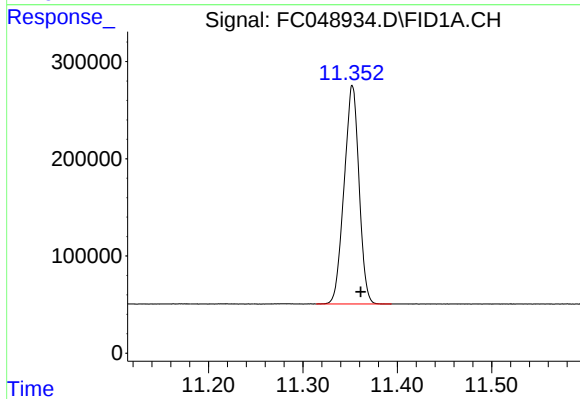
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: -0.007 min
Response: 2375620
Conc: 22.56 ug/ml



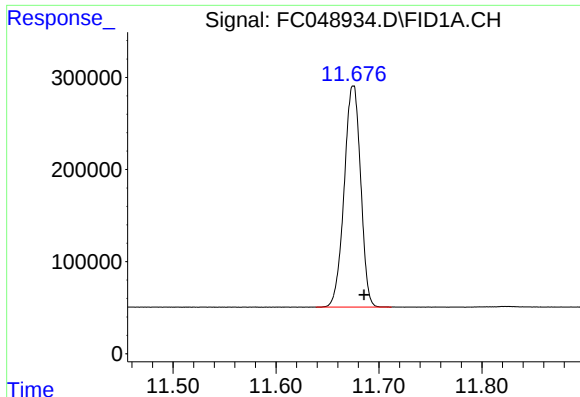
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.006 min
Response: 2362841
Conc: 22.51 ug/ml



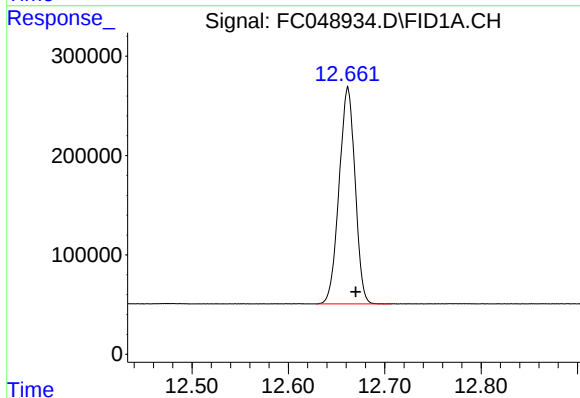
#8 n-Octadecane (C18)

R.T.: 11.353 min
Delta R.T.: -0.009 min
Response: 2472609
Conc: 22.51 ug/ml



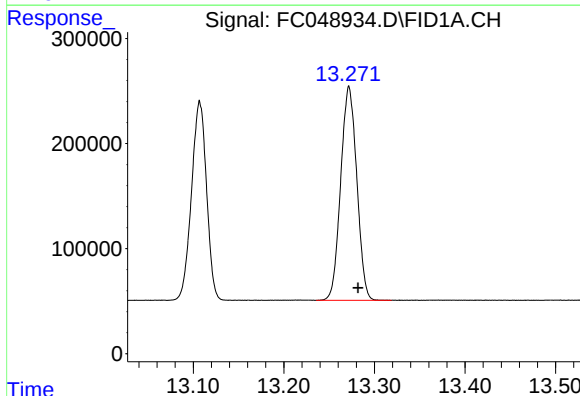
#9 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: -0.010 min
Response: 2673138
Conc: 22.50 ug/ml



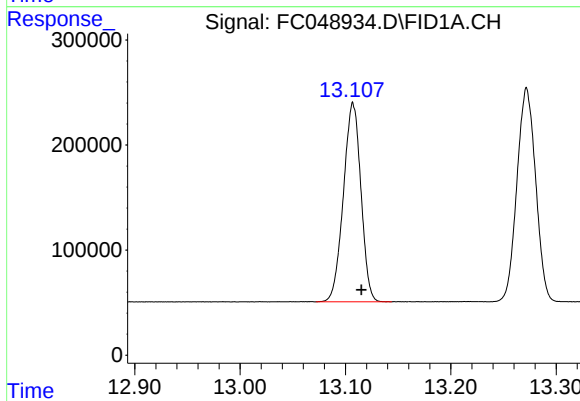
#10 n-Eicosane (C20)

R.T.: 12.662 min
Delta R.T.: -0.008 min
Response: 2505014
Conc: 22.51 ug/ml



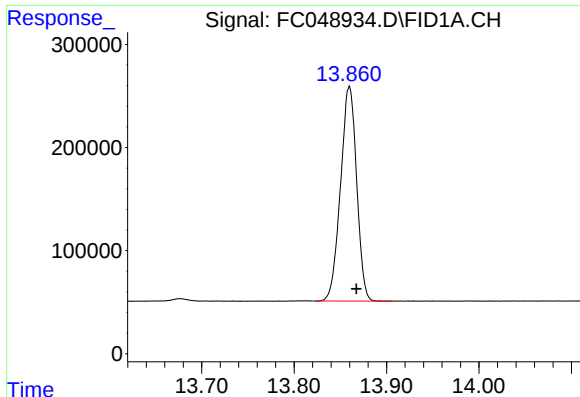
#11 n-Heneicosane (C21)

R.T.: 13.272 min
Delta R.T.: -0.010 min
Response: 2510842
Conc: 22.48 ug/ml



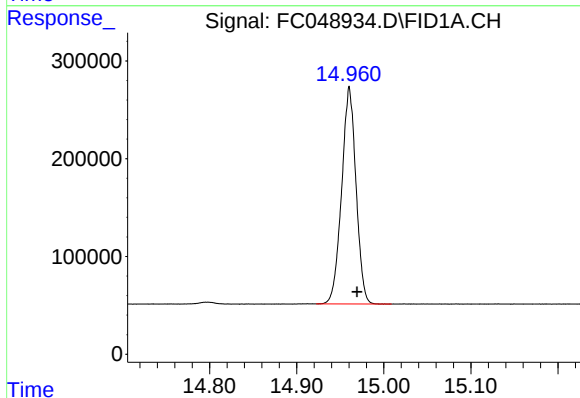
#12 1-chlorooctadecane (SURR)

R.T.: 13.107 min
Delta R.T.: -0.008 min
Response: 2186465
Conc: 22.48 ug/ml



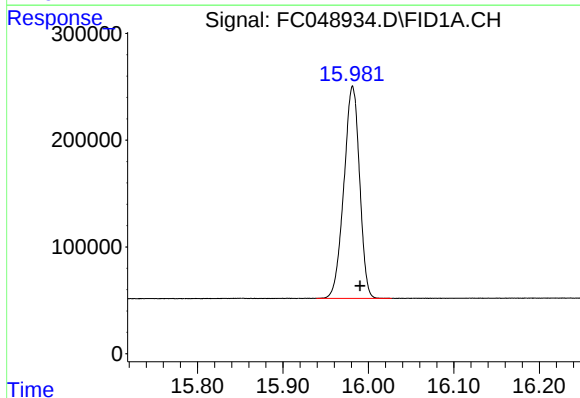
#13 n-Docosane (C22)

R.T.: 13.860 min
Delta R.T.: -0.008 min
Response: 2523205
Conc: 22.45 ug/ml



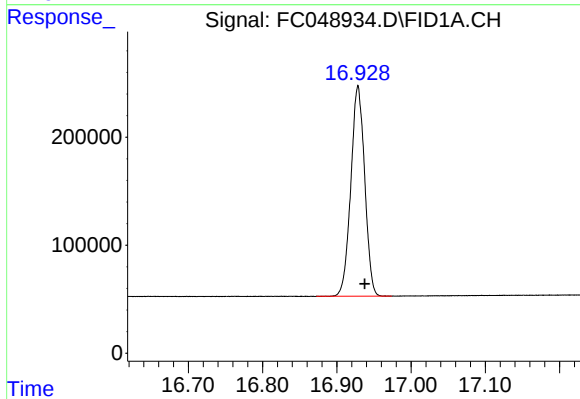
#14 n-Tetracosane (C24)

R.T.: 14.961 min
Delta R.T.: -0.009 min
Response: 2545141
Conc: 22.39 ug/ml



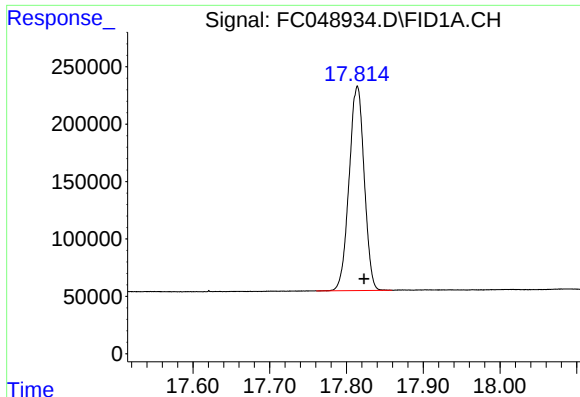
#15 n-Hexacosane (C26)

R.T.: 15.982 min
Delta R.T.: -0.009 min
Response: 2537855
Conc: 22.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.928 min
Delta R.T.: -0.009 min
Response: 2522909
Conc: 21.69 ug/ml



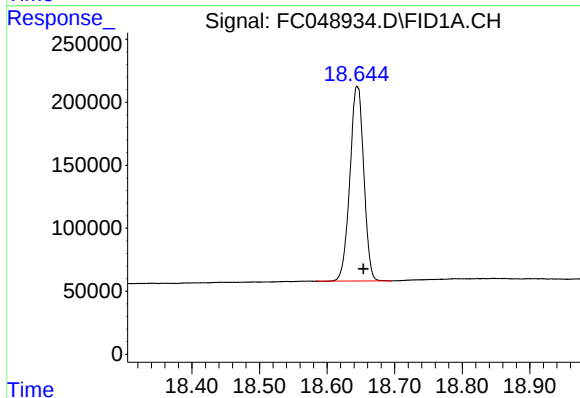
#17 n-Tricontane (C30)

R.T.: 17.814 min

Delta R.T.: -0.009 min

Response: 2439464

Conc: 21.10 ug/ml



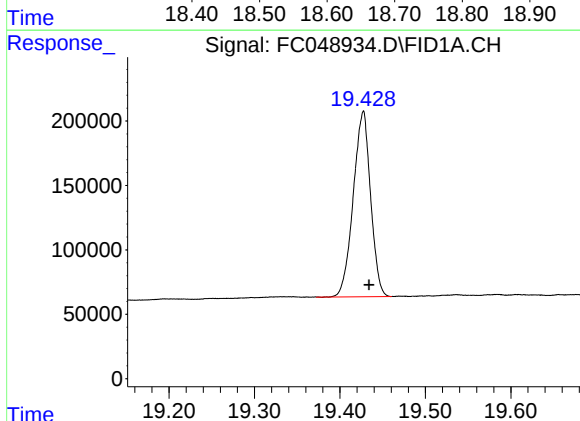
#18 n-Dotriacontane (C32)

R.T.: 18.645 min

Delta R.T.: -0.009 min

Response: 2206348

Conc: 20.41 ug/ml



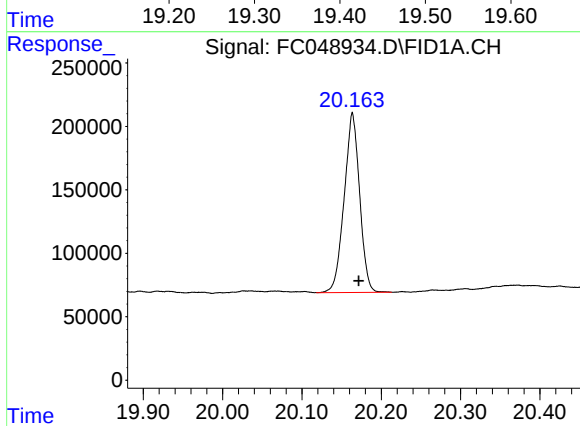
#19 n-Tetratriacontane (C34)

R.T.: 19.427 min

Delta R.T.: -0.007 min

Response: 2025807

Conc: 19.53 ug/ml



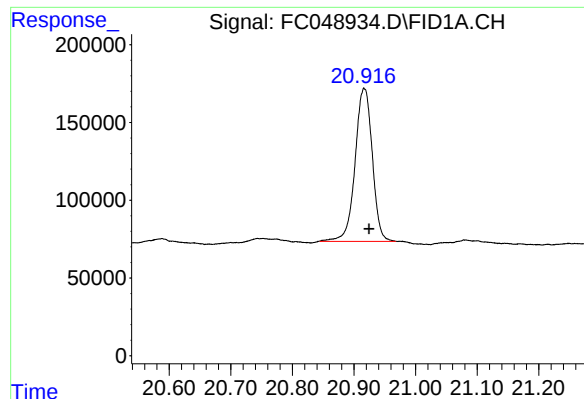
#20 n-Hexatriacontane (C36)

R.T.: 20.163 min

Delta R.T.: -0.008 min

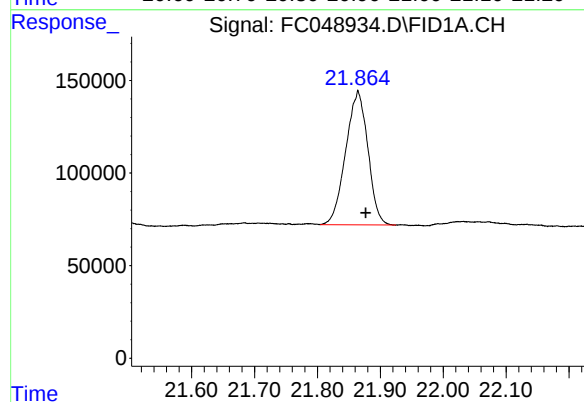
Response: 1918565

Conc: 19.30 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.916 min
Delta R.T.: -0.009 min
Response: 1910508
Conc: 20.20 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.864 min
Delta R.T.: -0.013 min
Response: 1764713
Conc: 18.49 ug/ml m