

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030422AL\
 Data File : FC058575.D
 Signal(s) : FID1A.CH
 Acq On : 04 Mar 2022 12:31
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 04 22:35:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.393	2746825	18.859 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
12) S 1-chlorooctadecane (S...	12.826	2123913	18.738 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
Target Compounds			
1) T n-Nonane (C9)	3.252	2410593	20.046 ug/ml
2) T n-Decane (C10)	4.300	2411402	20.264 ug/ml
3) T A~Naphthalene (C11.7)	5.860	2588606	19.946 ug/ml
4) T n-Dodecane (C12)	6.294	2493659	20.271 ug/ml
5) T A~2-methylnaphthalene...	6.904	2627345	20.153 ug/ml
6) T n-Tetradecane (C14)	8.070	2522876	20.134 ug/ml
7) T n-Hexadecane (C16)	9.657	2553042	19.825 ug/ml
8) T n-Octadecane (C18)	11.087	2562919	19.476 ug/ml
10) T n-Eicosane (C20)	12.387	2513766	19.116 ug/ml
11) T n-Heneicosane (C21)	12.995	2482086	18.781 ug/ml
13) T n-Docosane (C22)	13.577	2510570	19.257 ug/ml
14) T n-Tetracosane (C24)	14.672	2562928	19.847 ug/ml
15) T n-Hexacosane (C26)	15.687	2493918	20.161 ug/ml
16) T n-Octacosane (C28)	16.632	2558425	21.493 ug/ml
17) T n-Tricontane (C30)	17.514	2604280	23.136 ug/ml
18) T n-Dotriacontane (C32)	18.343	2479781	23.061 ug/ml
19) T n-Tetratriacontane (C34)	19.122	2215452	22.866 ug/ml
20) T n-Hexatriacontane (C36)	19.859	1985184	22.005 ug/ml
21) T n-Octatriacontane (C38)	20.561	1880804	21.613 ug/ml
22) T n-Tetracontane (C40)	21.387	1836167	21.881 ug/ml

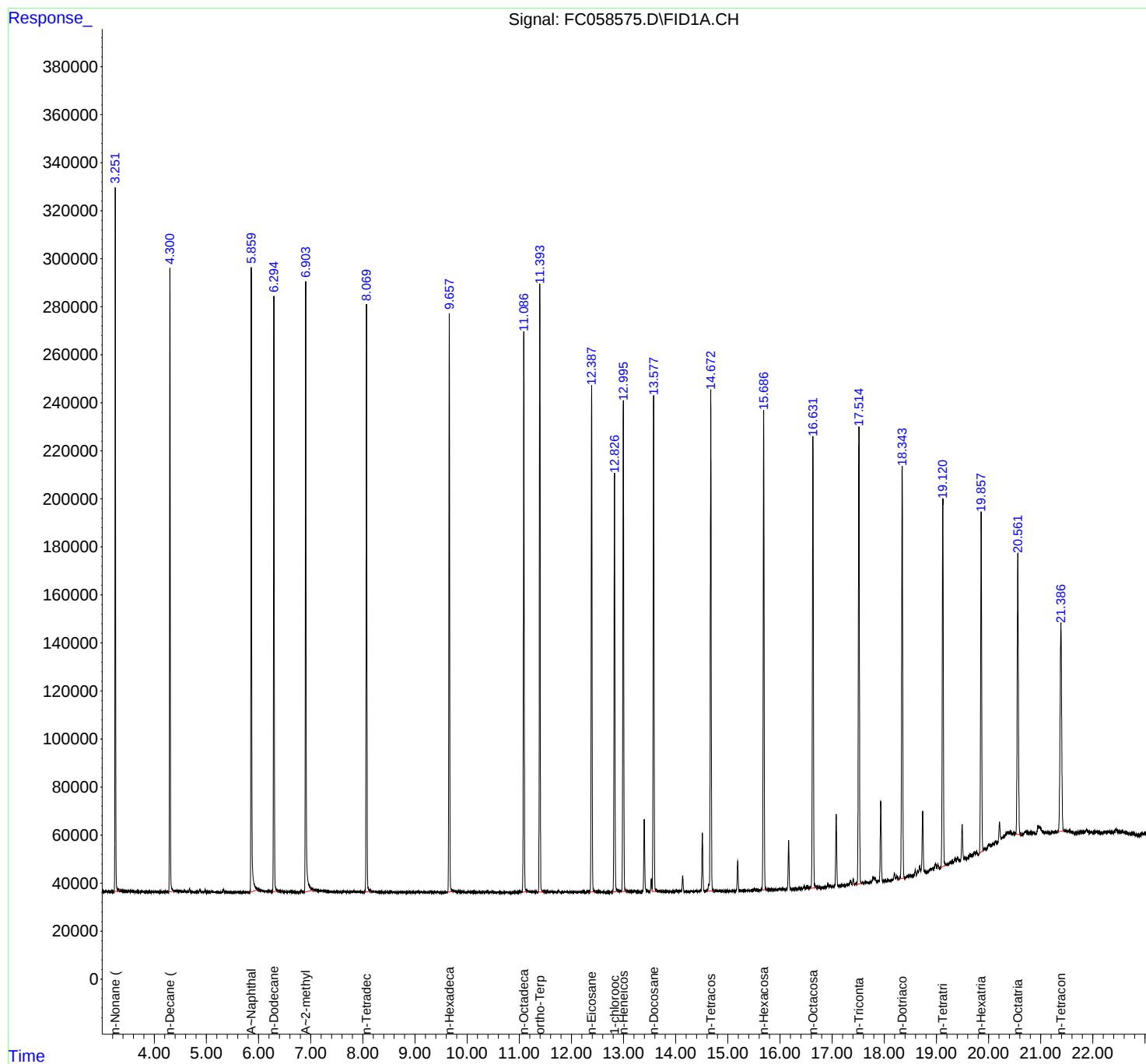
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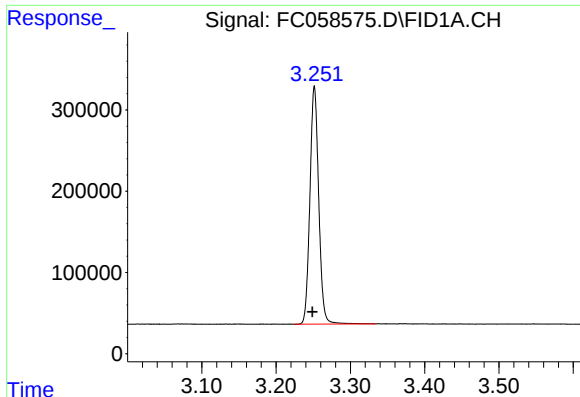
(m)=manual int.

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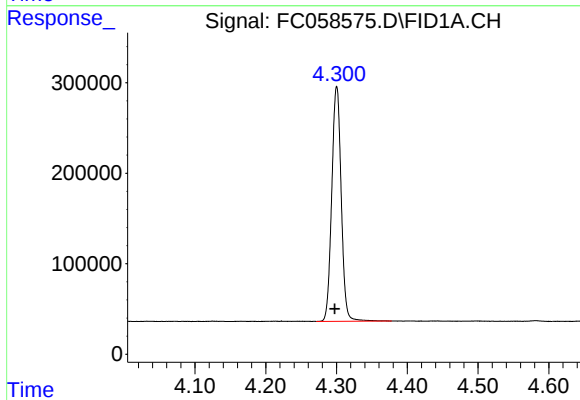
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





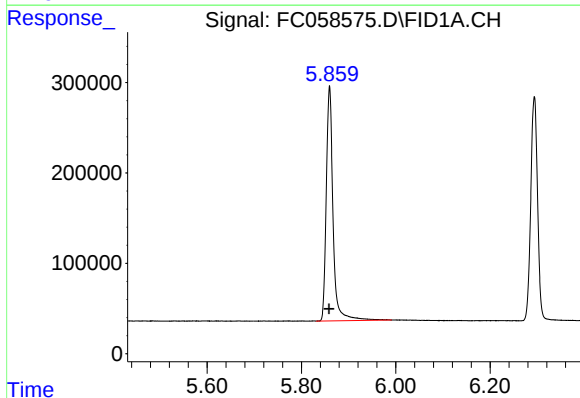
#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: 0.003 min
Response: 2410593
Conc: 20.05 ug/ml



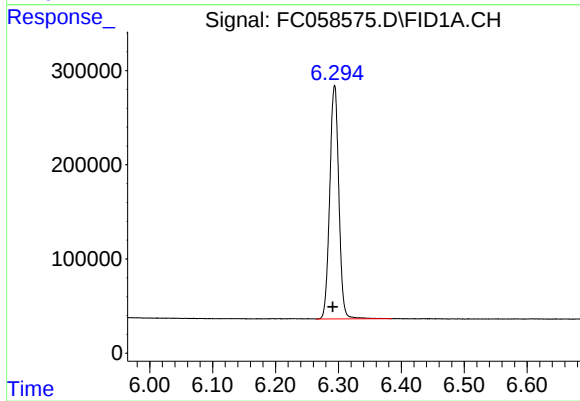
#2 n-Decane (C10)

R.T.: 4.300 min
Delta R.T.: 0.003 min
Response: 2411402
Conc: 20.26 ug/ml



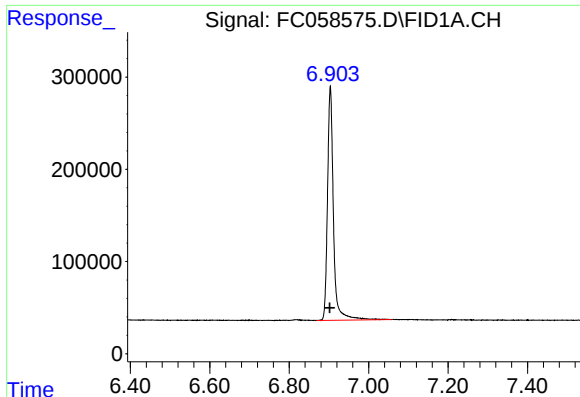
#3 A~Naphthalene (C11.7)

R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 2588606
Conc: 19.95 ug/ml



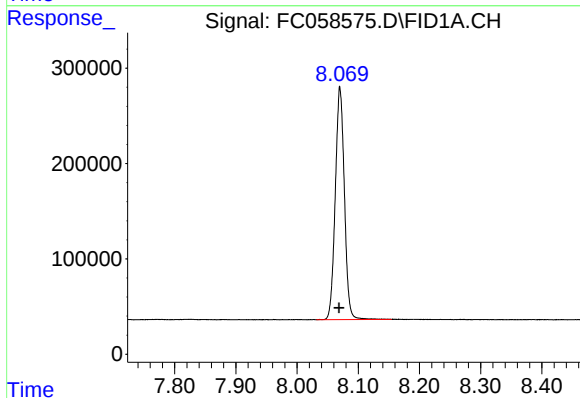
#4 n-Dodecane (C12)

R.T.: 6.294 min
Delta R.T.: 0.003 min
Response: 2493659
Conc: 20.27 ug/ml



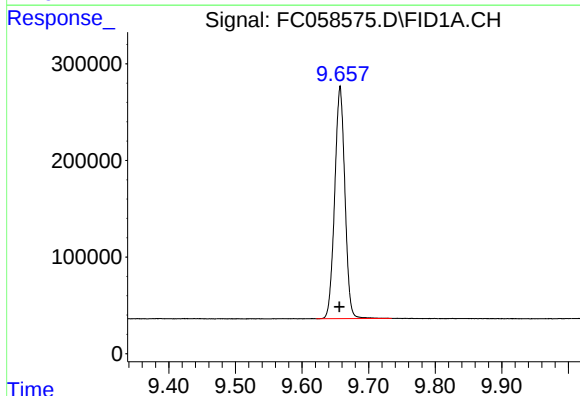
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 2627345
Conc: 20.15 ug/ml



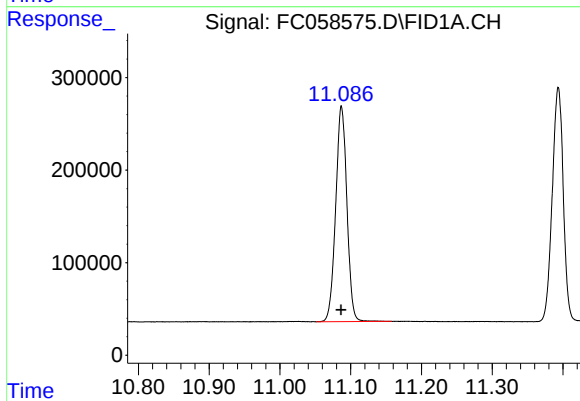
#6 n-Tetradecane (C14)

R.T.: 8.070 min
Delta R.T.: 0.002 min
Response: 2522876
Conc: 20.13 ug/ml



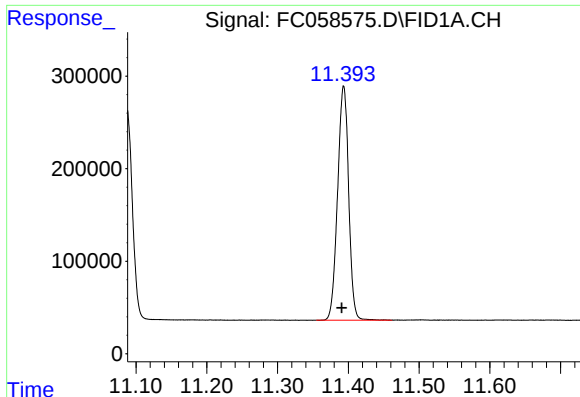
#7 n-Hexadecane (C16)

R.T.: 9.657 min
Delta R.T.: 0.000 min
Response: 2553042
Conc: 19.82 ug/ml



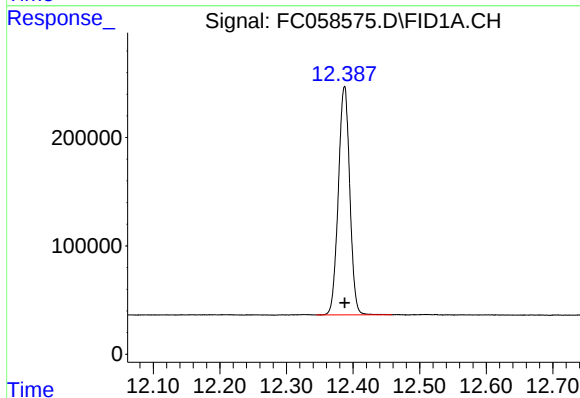
#8 n-Octadecane (C18)

R.T.: 11.087 min
Delta R.T.: 0.000 min
Response: 2562919
Conc: 19.48 ug/ml



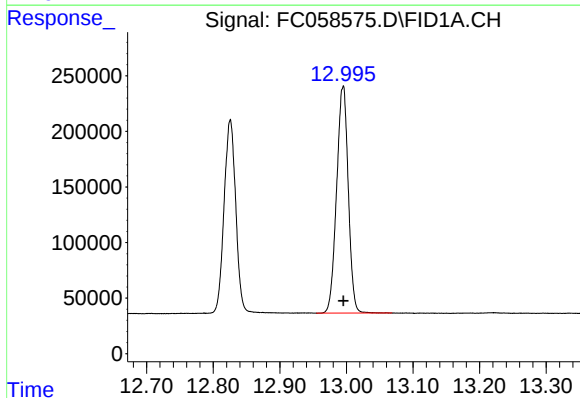
#9 ortho-Terphenyl (SURR)

R.T.: 11.393 min
Delta R.T.: 0.002 min
Response: 2746825
Conc: 18.86 ug/ml



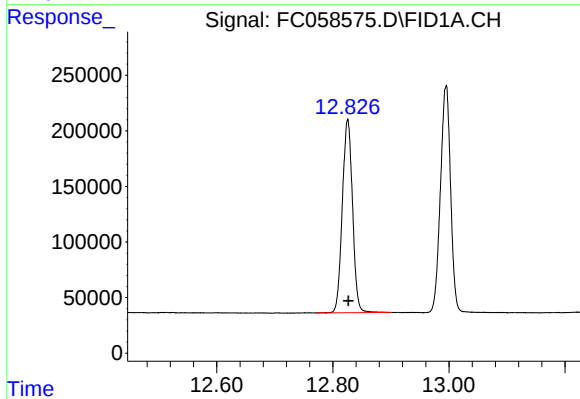
#10 n-Eicosane (C20)

R.T.: 12.387 min
Delta R.T.: 0.000 min
Response: 2513766
Conc: 19.12 ug/ml



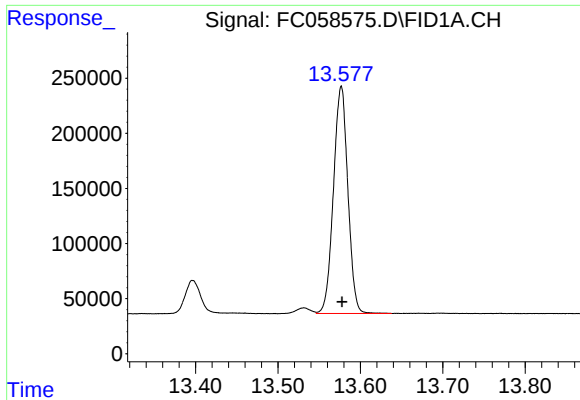
#11 n-Heneicosane (C21)

R.T.: 12.995 min
Delta R.T.: 0.000 min
Response: 2482086
Conc: 18.78 ug/ml



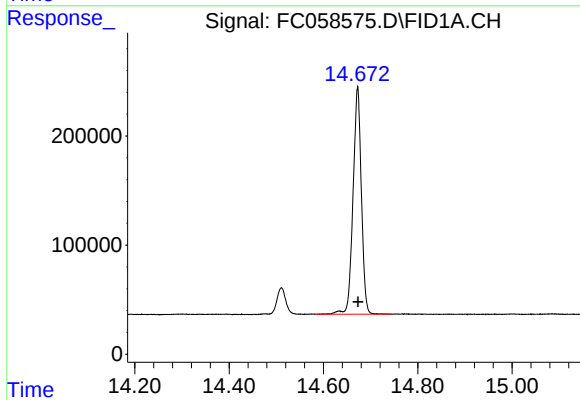
#12 1-chlorooctadecane (SURR)

R.T.: 12.826 min
Delta R.T.: -0.001 min
Response: 2123913
Conc: 18.74 ug/ml



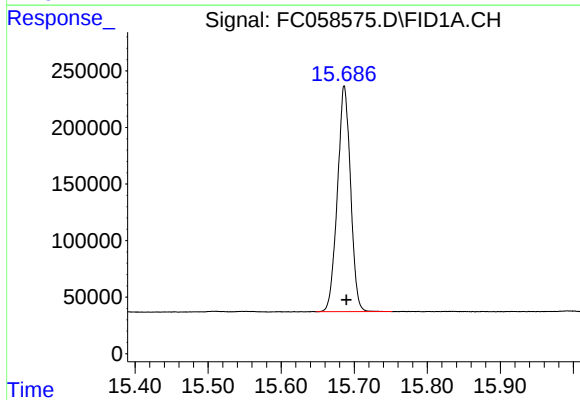
#13 n-Docosane (C22)

R.T.: 13.577 min
Delta R.T.: -0.001 min
Response: 2510570
Conc: 19.26 ug/ml



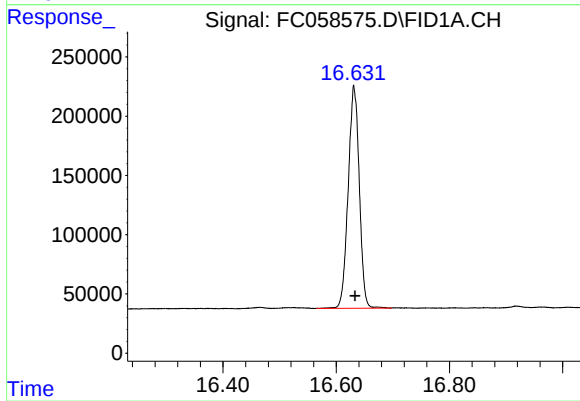
#14 n-Tetracosane (C24)

R.T.: 14.672 min
Delta R.T.: -0.001 min
Response: 2562928
Conc: 19.85 ug/ml



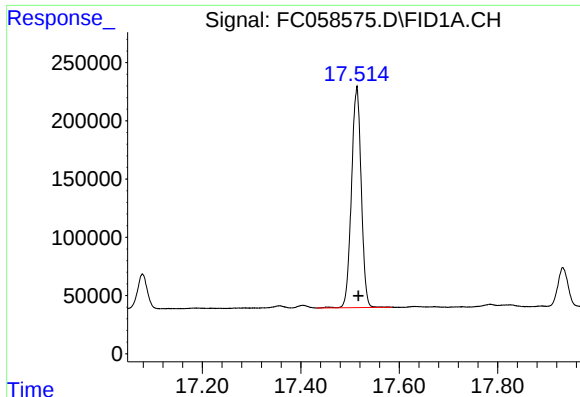
#15 n-Hexacosane (C26)

R.T.: 15.687 min
Delta R.T.: -0.003 min
Response: 2493918
Conc: 20.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.632 min
Delta R.T.: -0.001 min
Response: 2558425
Conc: 21.49 ug/ml



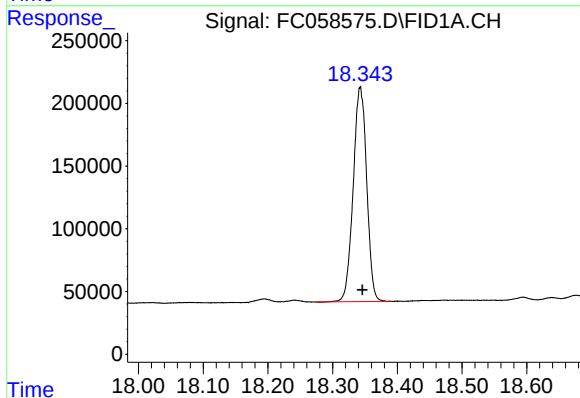
#17 n-Tricontane (C30)

R.T.: 17.514 min

Delta R.T.: -0.004 min

Response: 2604280

Conc: 23.14 ug/ml



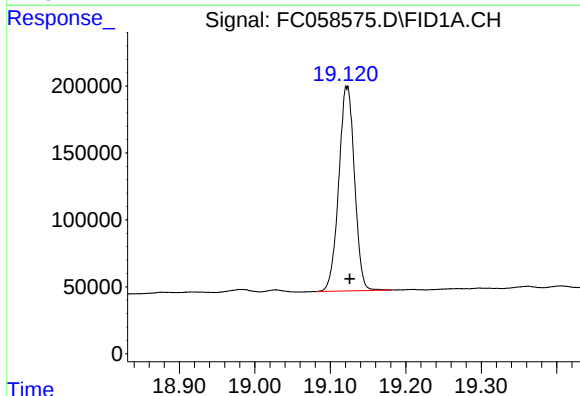
#18 n-Dotriacontane (C32)

R.T.: 18.343 min

Delta R.T.: -0.003 min

Response: 2479781

Conc: 23.06 ug/ml



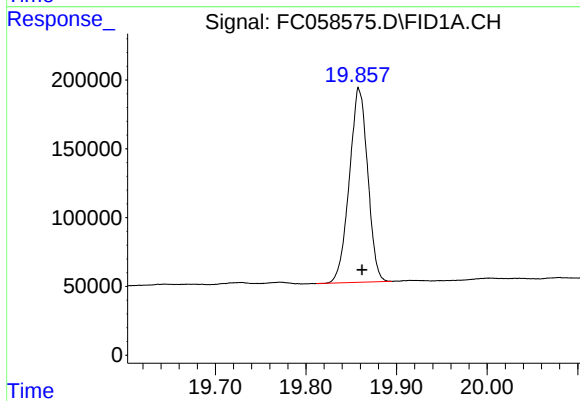
#19 n-Tetratriacontane (C34)

R.T.: 19.122 min

Delta R.T.: -0.004 min

Response: 2215452

Conc: 22.87 ug/ml



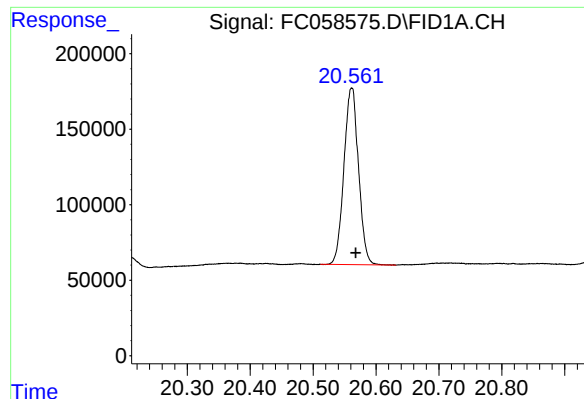
#20 n-Hexatriacontane (C36)

R.T.: 19.859 min

Delta R.T.: -0.003 min

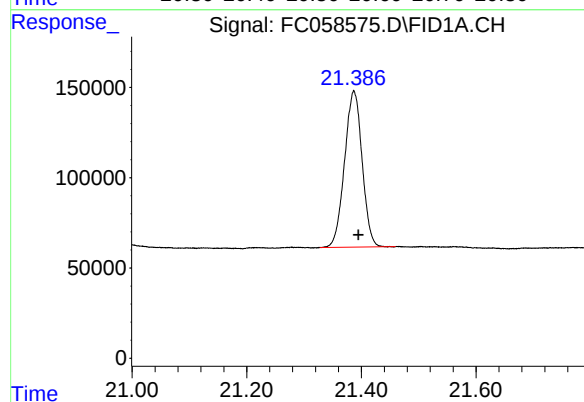
Response: 1985184

Conc: 22.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.561 min
Delta R.T.: -0.007 min
Response: 1880804
Conc: 21.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.387 min
Delta R.T.: -0.008 min
Response: 1836167
Conc: 21.88 ug/ml