

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022522AL\
 Data File : FC058482.D
 Signal(s) : FID1A.CH
 Acq On : 26 Feb 2022 00:22
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 26 00:54:18 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)	11.386	2905716	19.950 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
12) S 1-chlorooctadecane (S...	12.818	2309689	20.377 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
Target Compounds			
1) T n-Nonane (C9)	3.242	2431449	20.219 ug/ml
2) T n-Decane (C10)	4.291	2431757	20.435 ug/ml
3) T A~Naphthalene (C11.7)	5.851	2563112	19.749 ug/ml
4) T n-Dodecane (C12)	6.286	2469009	20.070 ug/ml
5) T A~2-methylnaphthalene...	6.896	2510968	19.260 ug/ml
6) T n-Tetradecane (C14)	8.063	2491130	19.880 ug/ml
7) T n-Hexadecane (C16)	9.651	2532160	19.663 ug/ml
8) T n-Octadecane (C18)	11.081	2587619	19.664 ug/ml
10) T n-Eicosane (C20)	12.380	2601617	19.785 ug/ml
11) T n-Heneicosane (C21)	12.987	2595224	19.637 ug/ml
13) T n-Docosane (C22)	13.569	2587389	19.846 ug/ml
14) T n-Tetracosane (C24)	14.666	2543321	19.695 ug/ml
15) T n-Hexacosane (C26)	15.681	2445833	19.772 ug/ml
16) T n-Octacosane (C28)	16.625	2391664	20.092 ug/ml
17) T n-Tricontane (C30)	17.507	2377456	21.121 ug/ml
18) T n-Dotriacontane (C32)	18.336	2301246	21.401 ug/ml
19) T n-Tetratriacontane (C34)	19.115	2087830	21.548 ug/ml
20) T n-Hexatriacontane (C36)	19.850	2001572	22.186 ug/ml
21) T n-Octatriacontane (C38)	20.554	1898786	21.819 ug/ml
22) T n-Tetracontane (C40)	21.376	1818371	21.669 ug/ml

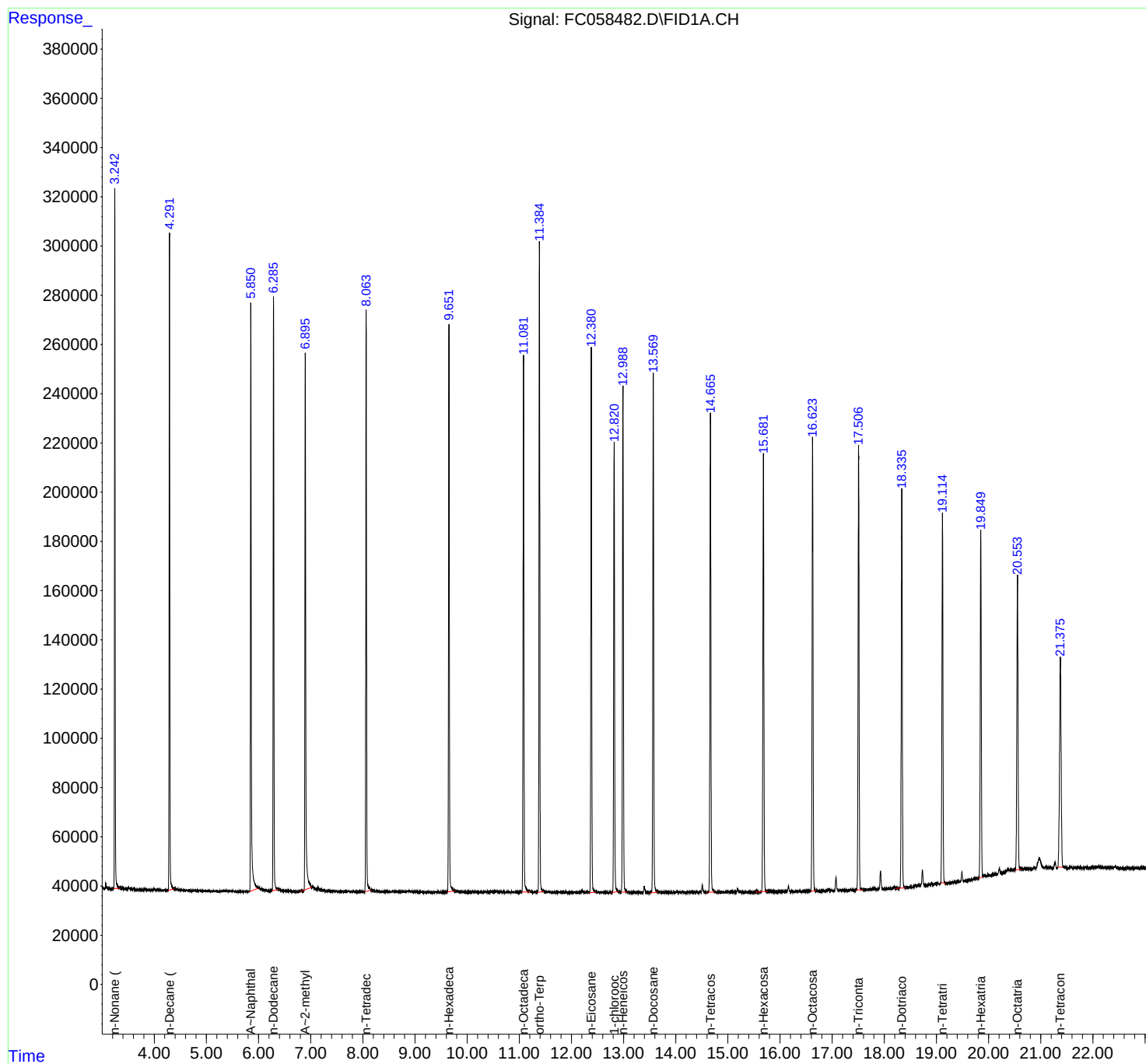
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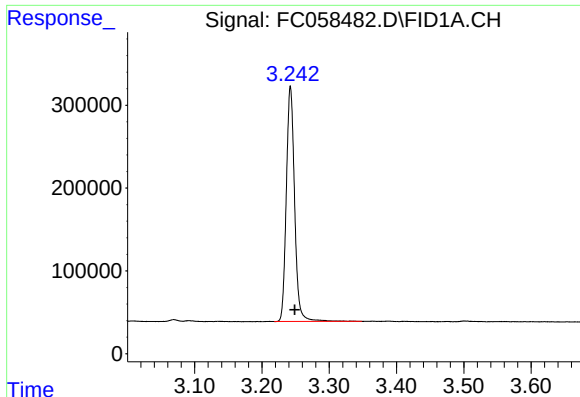
(m)=manual int.

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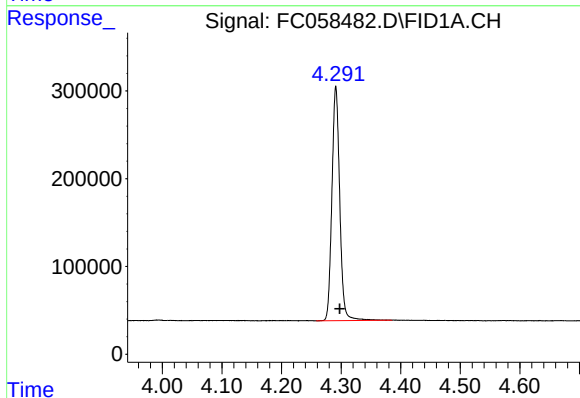
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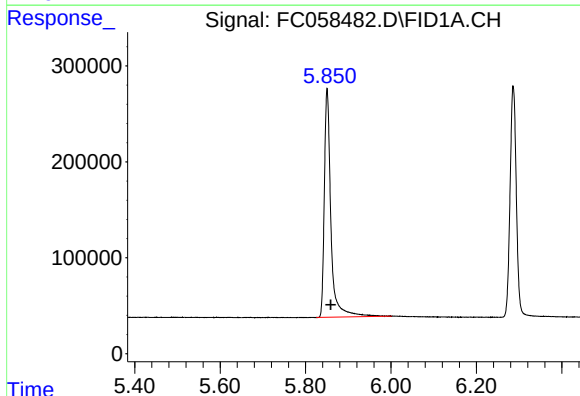
#1 n-Nonane (C9)

R.T.: 3.242 min
Delta R.T.: -0.007 min
Response: 2431449
Conc: 20.22 ug/ml



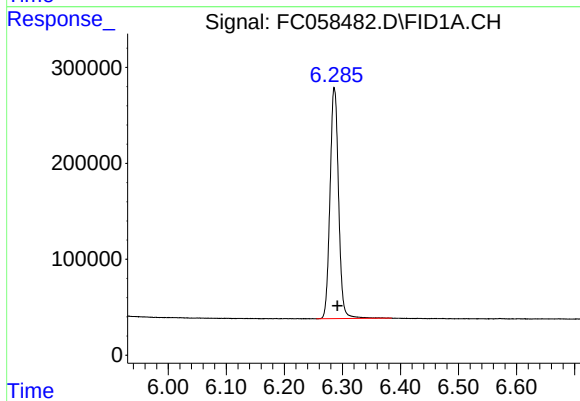
#2 n-Decane (C10)

R.T.: 4.291 min
Delta R.T.: -0.006 min
Response: 2431757
Conc: 20.44 ug/ml



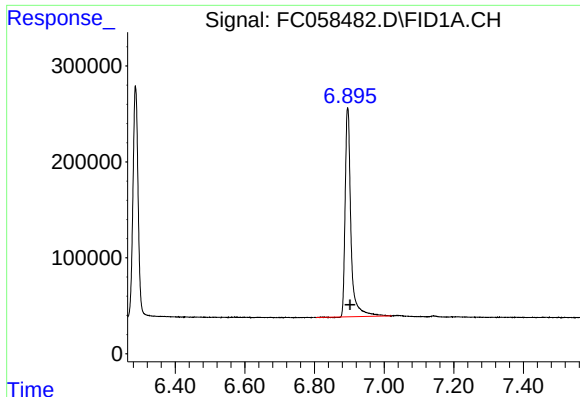
#3 A~Naphthalene (C11.7)

R.T.: 5.851 min
Delta R.T.: -0.008 min
Response: 2563112
Conc: 19.75 ug/ml



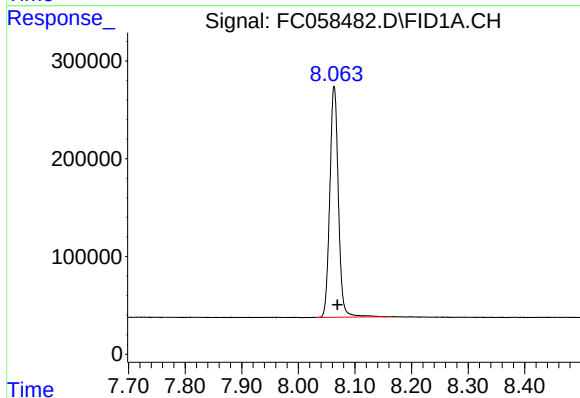
#4 n-Dodecane (C12)

R.T.: 6.286 min
Delta R.T.: -0.005 min
Response: 2469009
Conc: 20.07 ug/ml



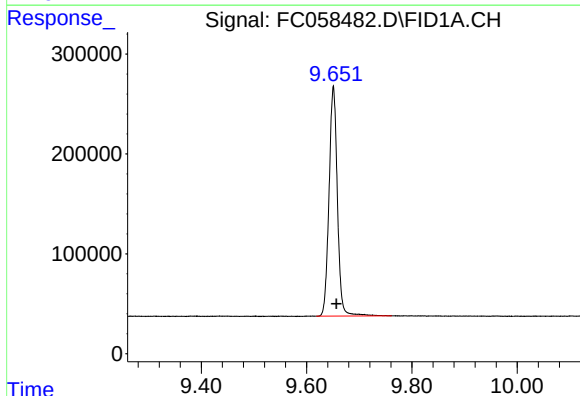
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.896 min
Delta R.T.: -0.007 min
Response: 2510968
Conc: 19.26 ug/ml



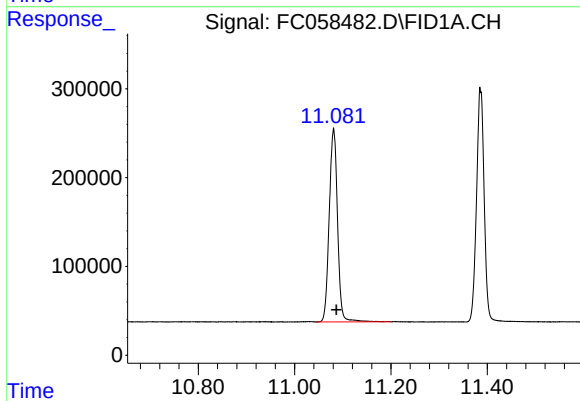
#6 n-Tetradecane (C14)

R.T.: 8.063 min
Delta R.T.: -0.005 min
Response: 2491130
Conc: 19.88 ug/ml



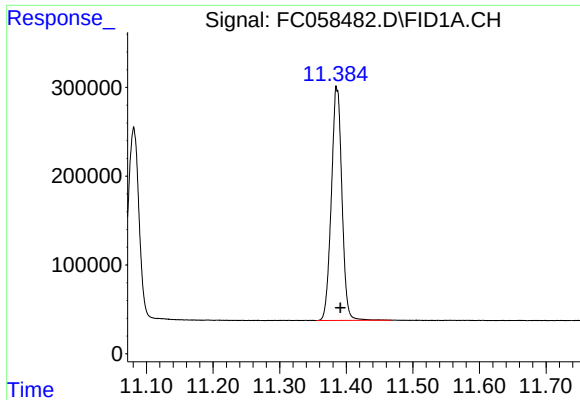
#7 n-Hexadecane (C16)

R.T.: 9.651 min
Delta R.T.: -0.005 min
Response: 2532160
Conc: 19.66 ug/ml



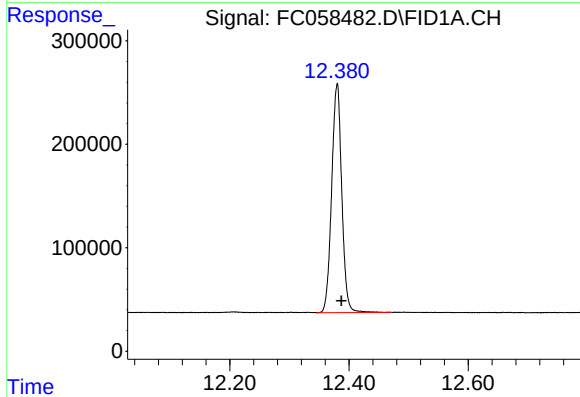
#8 n-Octadecane (C18)

R.T.: 11.081 min
Delta R.T.: -0.006 min
Response: 2587619
Conc: 19.66 ug/ml



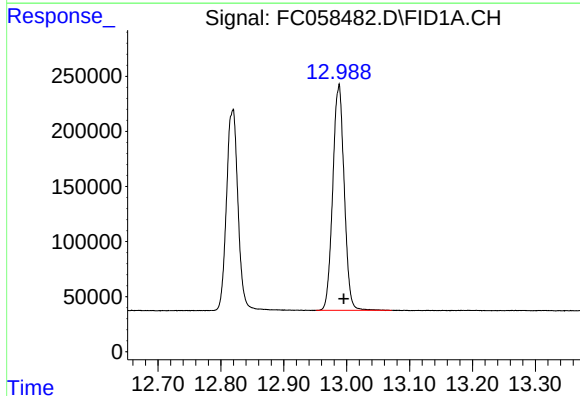
#9 ortho-Terphenyl (SURR)

R.T.: 11.386 min
Delta R.T.: -0.005 min
Response: 2905716
Conc: 19.95 ug/ml



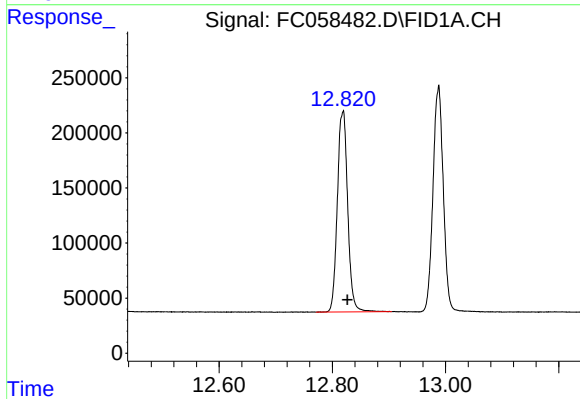
#10 n-Eicosane (C20)

R.T.: 12.380 min
Delta R.T.: -0.008 min
Response: 2601617
Conc: 19.78 ug/ml



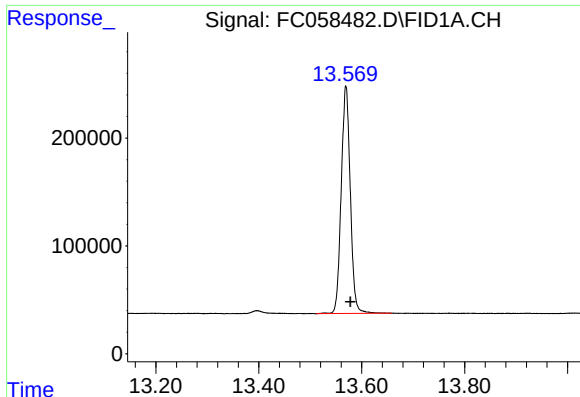
#11 n-Heneicosane (C21)

R.T.: 12.987 min
Delta R.T.: -0.008 min
Response: 2595224
Conc: 19.64 ug/ml



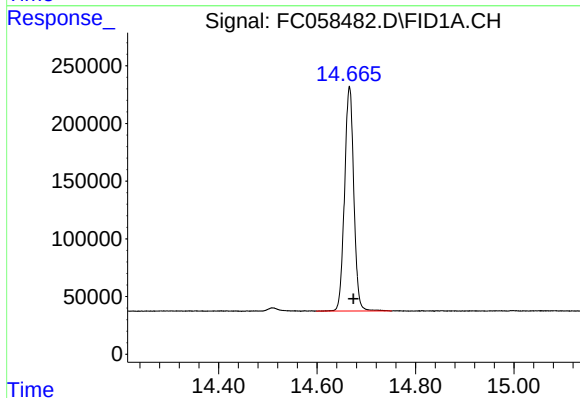
#12 1-chlorooctadecane (SURR)

R.T.: 12.818 min
Delta R.T.: -0.009 min
Response: 2309689
Conc: 20.38 ug/ml



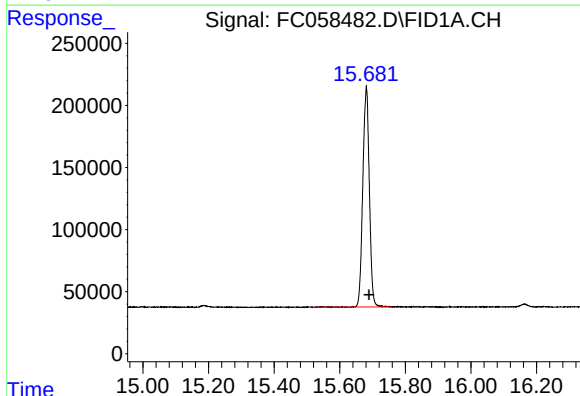
#13 n-Docosane (C22)

R.T.: 13.569 min
Delta R.T.: -0.009 min
Response: 2587389
Conc: 19.85 ug/ml



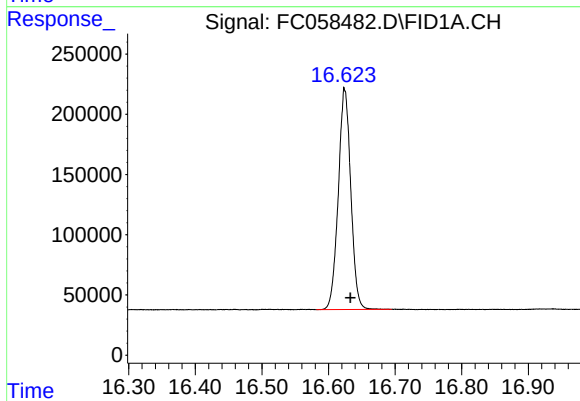
#14 n-Tetracosane (C24)

R.T.: 14.666 min
Delta R.T.: -0.008 min
Response: 2543321
Conc: 19.70 ug/ml



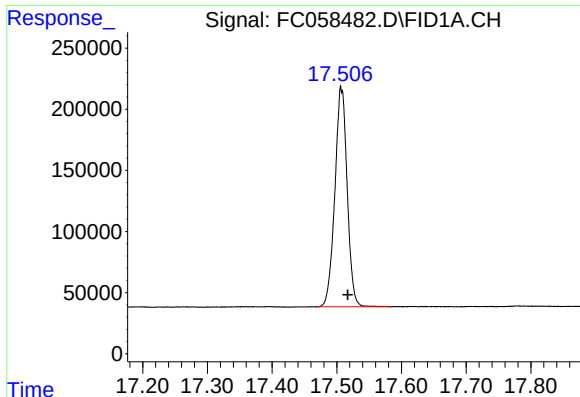
#15 n-Hexacosane (C26)

R.T.: 15.681 min
Delta R.T.: -0.008 min
Response: 2445833
Conc: 19.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.625 min
Delta R.T.: -0.009 min
Response: 2391664
Conc: 20.09 ug/ml



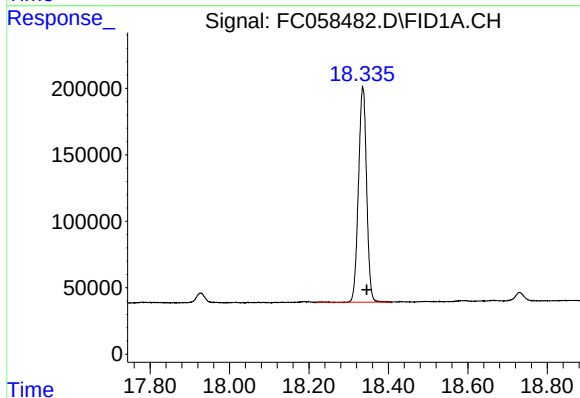
#17 n-Tricontane (C30)

R.T.: 17.507 min

Delta R.T.: -0.010 min

Response: 2377456

Conc: 21.12 ug/ml



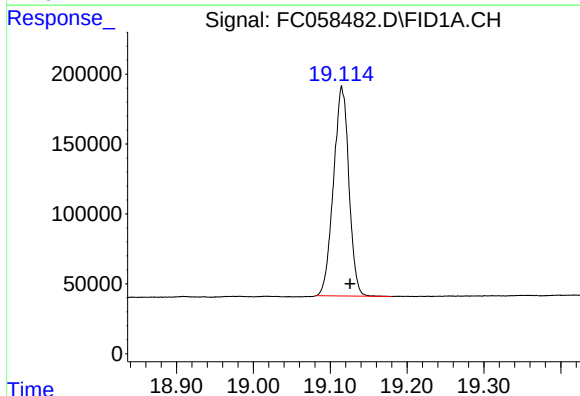
#18 n-Dotriacontane (C32)

R.T.: 18.336 min

Delta R.T.: -0.010 min

Response: 2301246

Conc: 21.40 ug/ml



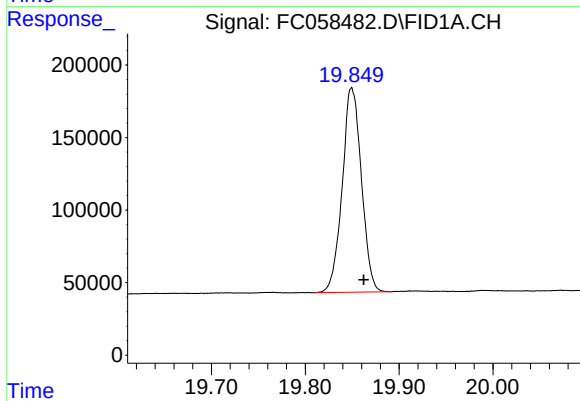
#19 n-Tetratriacontane (C34)

R.T.: 19.115 min

Delta R.T.: -0.011 min

Response: 2087830

Conc: 21.55 ug/ml



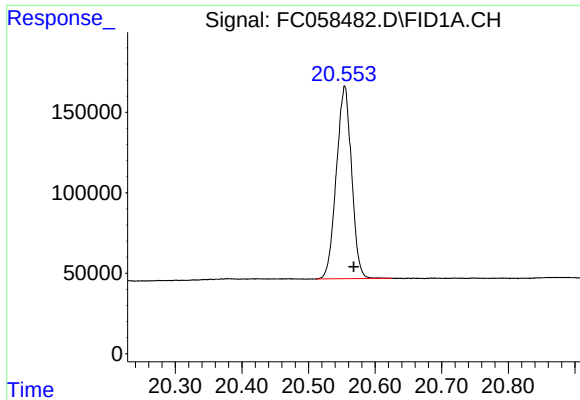
#20 n-Hexatriacontane (C36)

R.T.: 19.850 min

Delta R.T.: -0.012 min

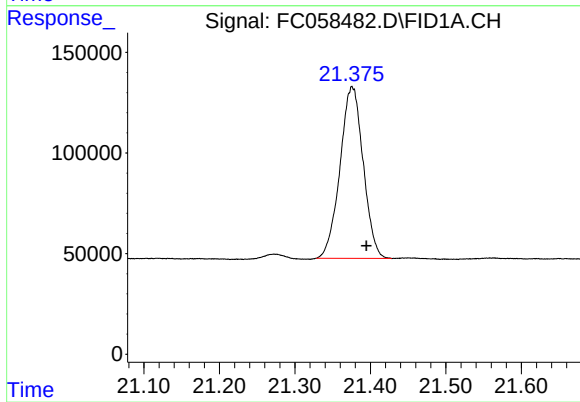
Response: 2001572

Conc: 22.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.554 min
Delta R.T.: -0.014 min
Response: 1898786
Conc: 21.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.376 min
Delta R.T.: -0.019 min
Response: 1818371
Conc: 21.67 ug/ml