

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082119AL\
 Data File : FC043047.D
 Signal(s) : FID1A.CH
 Acq On : 21 Aug 2019 14:30
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 22 00:42:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 16:36:10 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)	11.653	2848077	20.050 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
12) S 1-chlorooctadecane (S...	13.076	2336339	19.683 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
Target Compounds			
1) T n-Nonane (C9)	3.475	2721869	21.949 ug/ml
2) T n-Decane (C10)	4.533	2786223	22.208 ug/ml
3) T A~Naphthalene (C11.7)	6.115	2956270	21.824 ug/ml
4) T n-Dodecane (C12)	6.531	2814526	22.191 ug/ml
5) T A~2-methylnaphthalene...	7.163	2959592	21.757 ug/ml
6) T n-Tetradecane (C14)	8.311	2807788	22.005 ug/ml
7) T n-Hexadecane (C16)	9.899	2798546	21.651 ug/ml
8) T n-Octadecane (C18)	11.331	2781025	21.019 ug/ml
10) T n-Eicosane (C20)	12.632	2751429	20.355 ug/ml
11) T n-Heneicosane (C21)	13.241	2702313	19.991 ug/ml
13) T n-Docosane (C22)	13.823	2654847	19.555 ug/ml
14) T n-Tetracosane (C24)	14.920	2565927	18.844 ug/ml
15) T n-Hexacosane (C26)	15.936	2486323	18.432 ug/ml
16) T n-Octacosane (C28)	16.881	2415150	18.150 ug/ml
17) T n-Tricontane (C30)	17.766	2330034	18.197 ug/ml
18) T n-Dotriacontane (C32)	18.593	2225148	19.084 ug/ml
19) T n-Tetratriacontane (C34)	19.374	1854397	19.302 ug/ml
20) T n-Hexatriacontane (C36)	20.110	1682351	20.281 ug/ml
21) T n-Octatriacontane (C38)	20.848	1575646	21.298 ug/ml
22) T n-Tetracontane (C40)	21.763	1756624	24.319 ug/ml

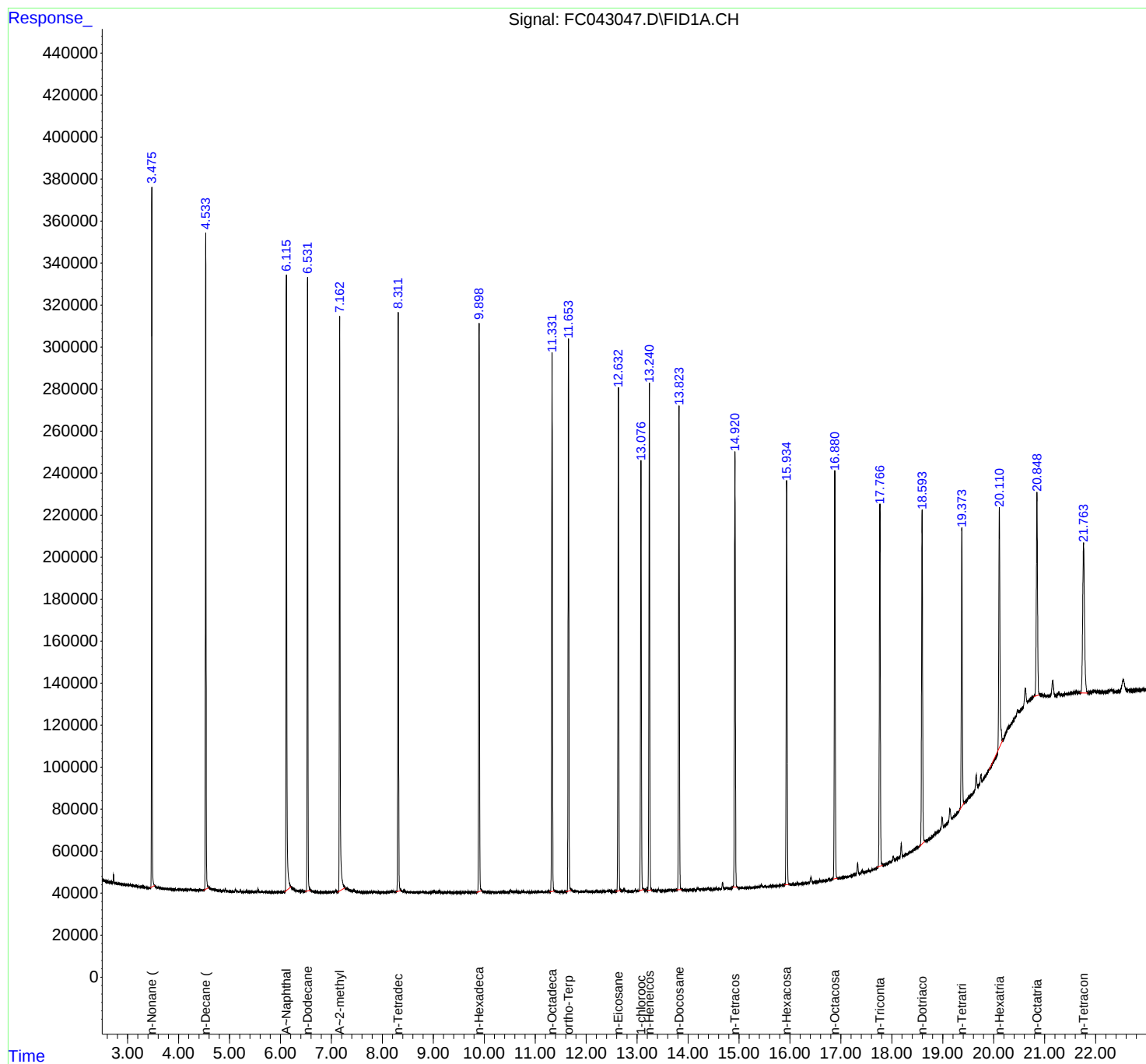
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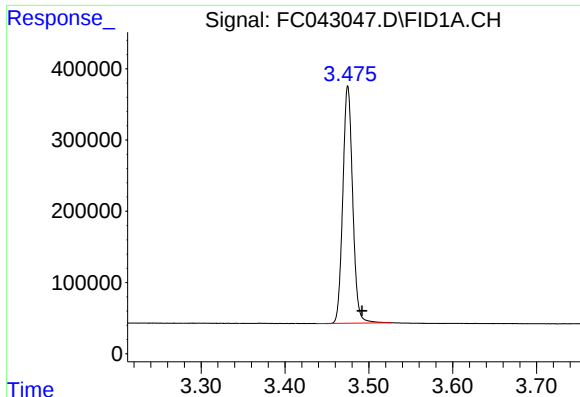
(m)=manual int.

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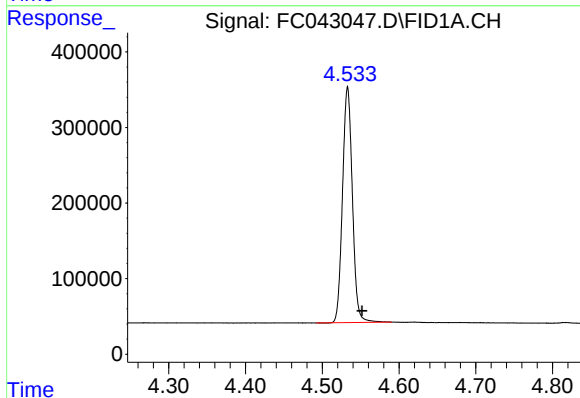
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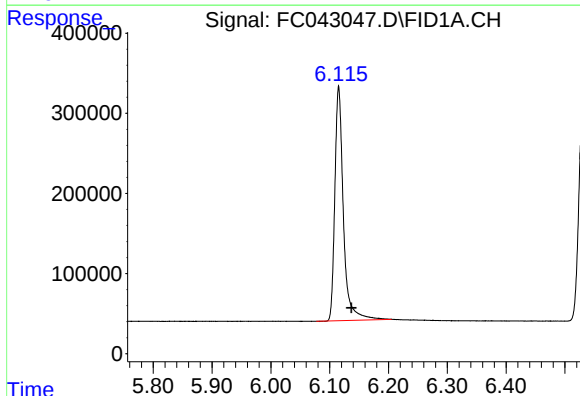
#1 n-Nonane (C9)

R.T.: 3.475 min
Delta R.T.: -0.017 min
Response: 2721869
Conc: 21.95 ug/ml



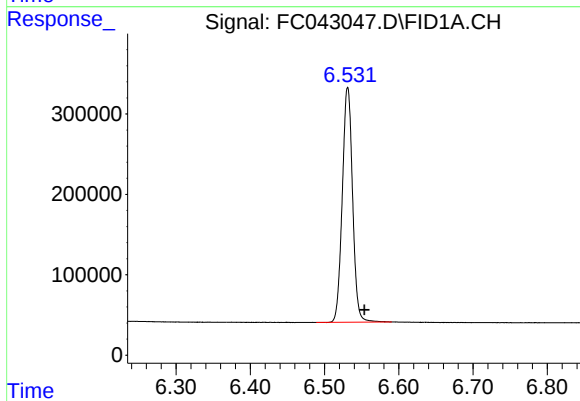
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: -0.019 min
Response: 2786223
Conc: 22.21 ug/ml



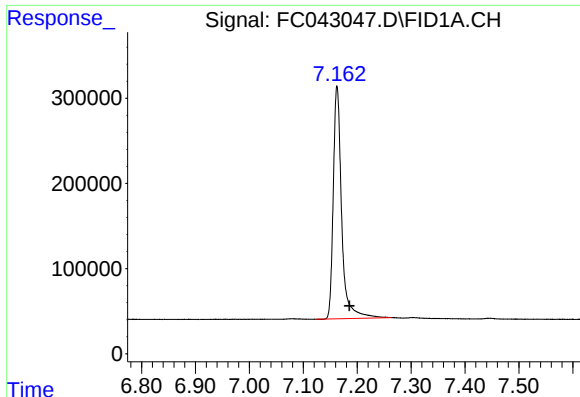
#3 A~Naphthalene (C11.7)

R.T.: 6.115 min
Delta R.T.: -0.021 min
Response: 2956270
Conc: 21.82 ug/ml



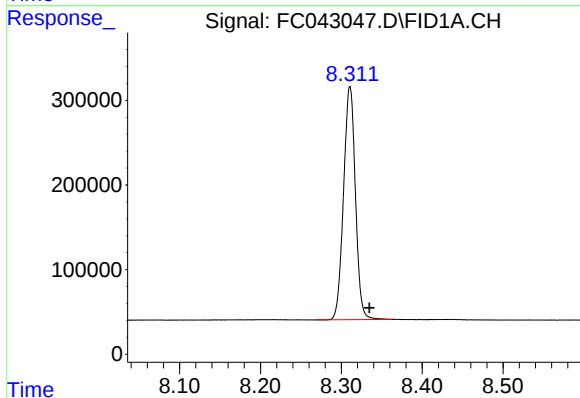
#4 n-Dodecane (C12)

R.T.: 6.531 min
Delta R.T.: -0.022 min
Response: 2814526
Conc: 22.19 ug/ml



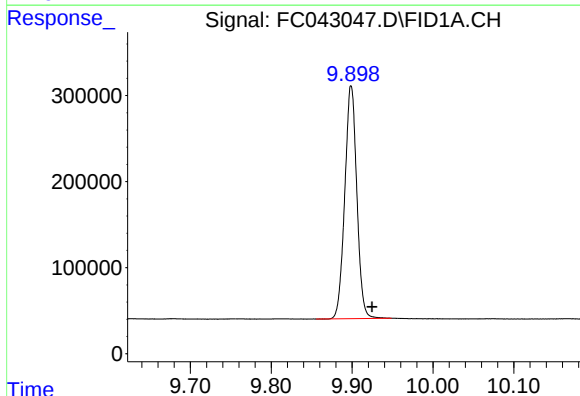
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.163 min
Delta R.T.: -0.022 min
Response: 2959592
Conc: 21.76 ug/ml



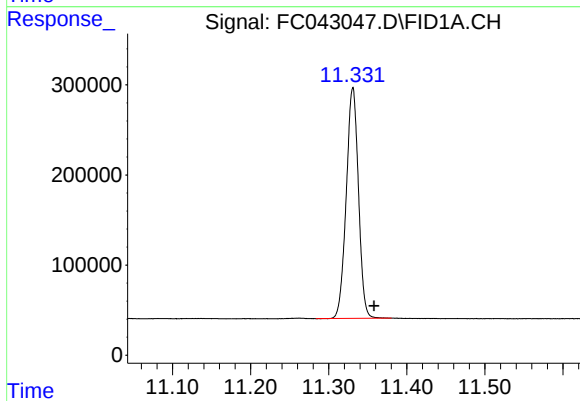
#6 n-Tetradecane (C14)

R.T.: 8.311 min
Delta R.T.: -0.024 min
Response: 2807788
Conc: 22.01 ug/ml



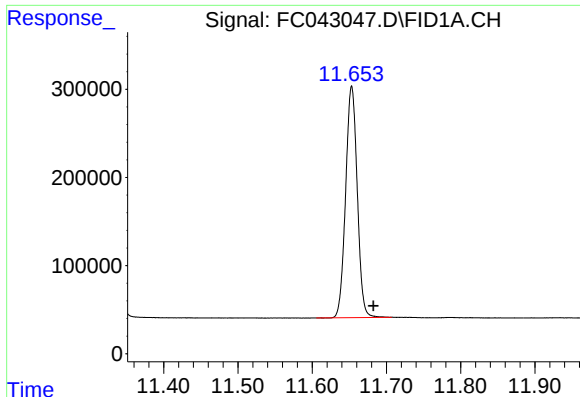
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: -0.026 min
Response: 2798546
Conc: 21.65 ug/ml



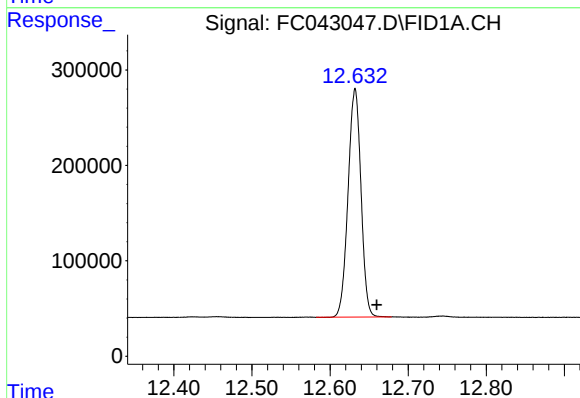
#8 n-Octadecane (C18)

R.T.: 11.331 min
Delta R.T.: -0.027 min
Response: 2781025
Conc: 21.02 ug/ml



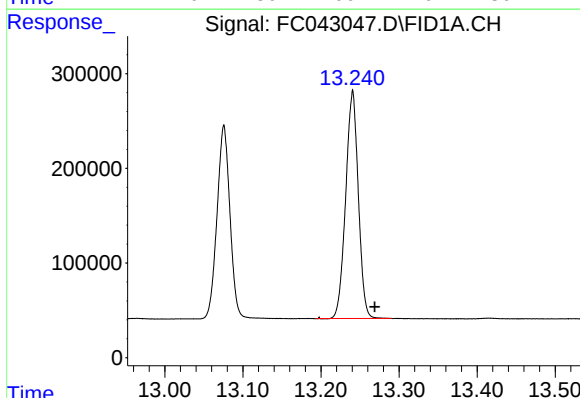
#9 ortho-Terphenyl (SURR)

R.T.: 11.653 min
Delta R.T.: -0.029 min
Response: 2848077
Conc: 20.05 ug/ml



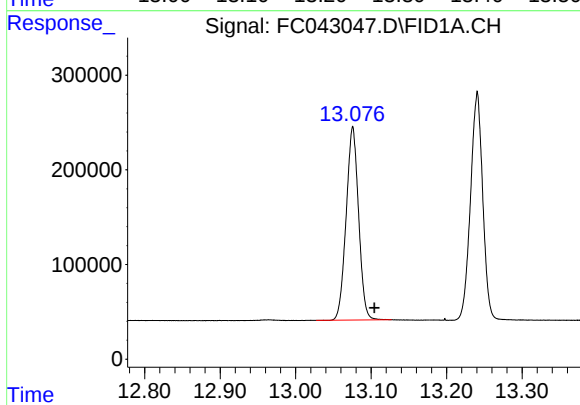
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: -0.028 min
Response: 2751429
Conc: 20.35 ug/ml



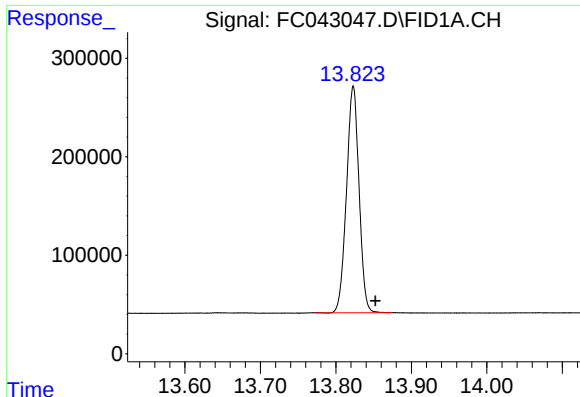
#11 n-Heneicosane (C21)

R.T.: 13.241 min
Delta R.T.: -0.028 min
Response: 2702313
Conc: 19.99 ug/ml



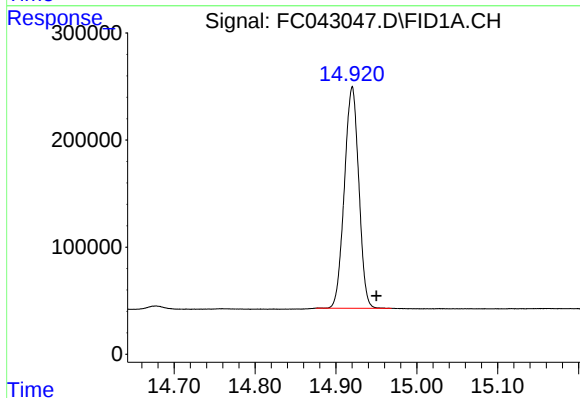
#12 1-chlorooctadecane (SURR)

R.T.: 13.076 min
Delta R.T.: -0.029 min
Response: 2336339
Conc: 19.68 ug/ml



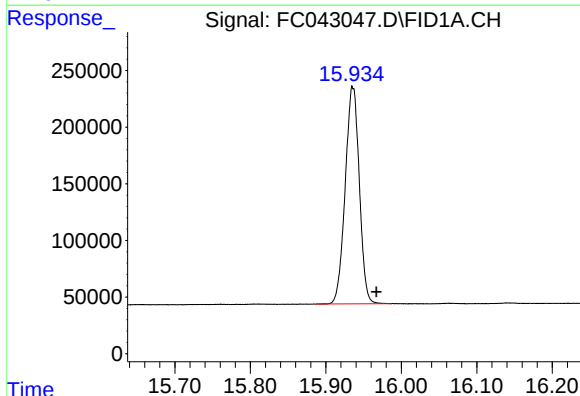
#13 n-Docosane (C22)

R.T.: 13.823 min
Delta R.T.: -0.029 min
Response: 2654847
Conc: 19.56 ug/ml



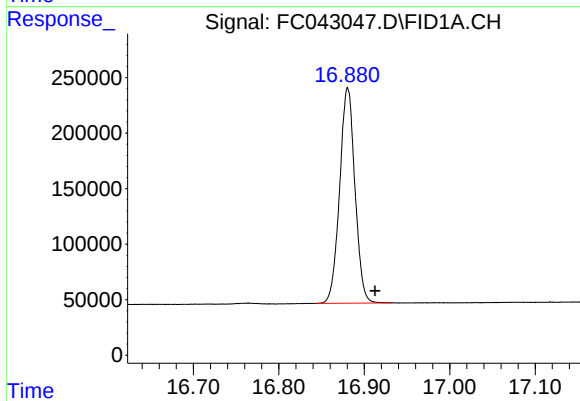
#14 n-Tetracosane (C24)

R.T.: 14.920 min
Delta R.T.: -0.030 min
Response: 2565927
Conc: 18.84 ug/ml



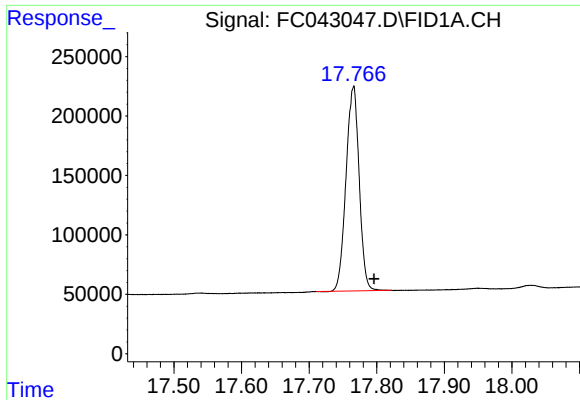
#15 n-Hexacosane (C26)

R.T.: 15.936 min
Delta R.T.: -0.031 min
Response: 2486323
Conc: 18.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.881 min
Delta R.T.: -0.032 min
Response: 2415150
Conc: 18.15 ug/ml



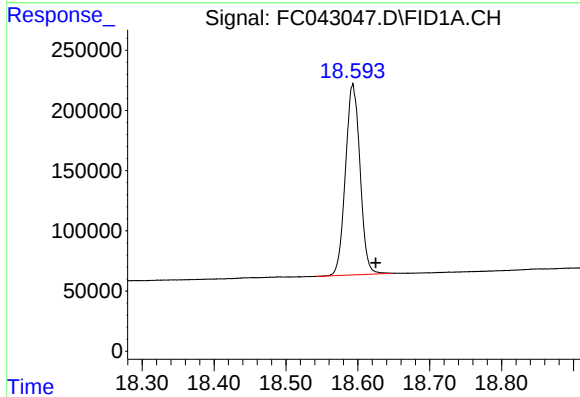
#17 n-Tricontane (C30)

R.T.: 17.766 min

Delta R.T.: -0.031 min

Response: 2330034

Conc: 18.20 ug/ml



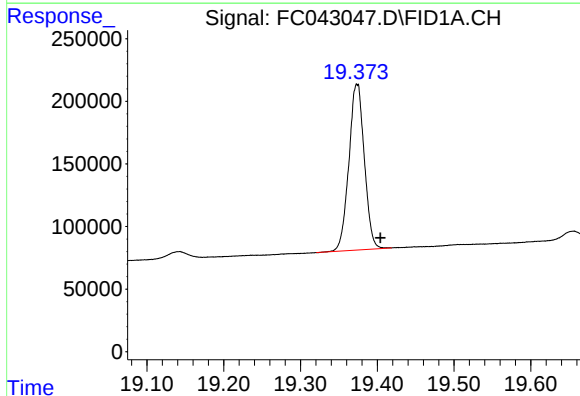
#18 n-Dotriacontane (C32)

R.T.: 18.593 min

Delta R.T.: -0.032 min

Response: 2225148

Conc: 19.08 ug/ml



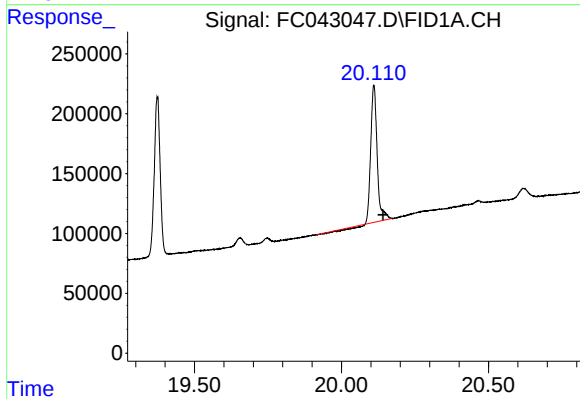
#19 n-Tetratriacontane (C34)

R.T.: 19.374 min

Delta R.T.: -0.030 min

Response: 1854397

Conc: 19.30 ug/ml



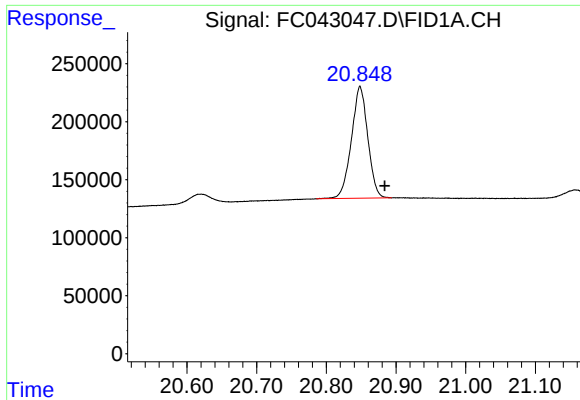
#20 n-Hexatriacontane (C36)

R.T.: 20.110 min

Delta R.T.: -0.031 min

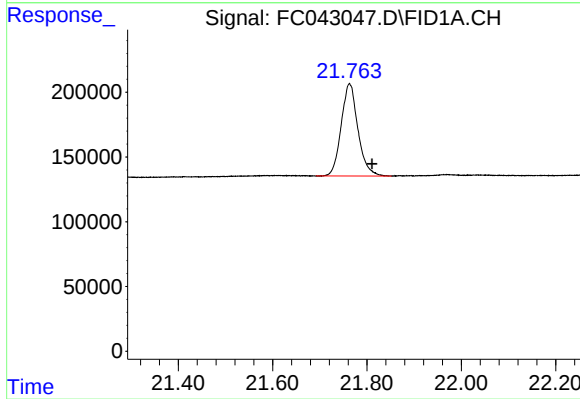
Response: 1682351

Conc: 20.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.848 min
Delta R.T.: -0.036 min
Response: 1575646
Conc: 21.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.763 min
Delta R.T.: -0.048 min
Response: 1756624
Conc: 24.32 ug/ml