

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111821AL\
 Data File : FC056912.D
 Signal(s) : FID1A.CH
 Acq On : 18 Nov 2021 15:07
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 19 00:03:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 2021
 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)	11.601	2280090	18.415 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
12) S 1-chlorooctadecane (S...	13.033	1764059	18.333 ug/ml
Spiked Amount 50.000		Recovery =	36.67%
Target Compounds			
1) T n-Nonane (C9)	3.365	2240496	20.701 ug/ml
2) T n-Decane (C10)	4.431	2257140	20.954 ug/ml
3) T A~Naphthalene (C11.7)	6.020	2467395	20.238 ug/ml
4) T n-Dodecane (C12)	6.448	2281105	20.692 ug/ml
5) T A~2-methylnaphthalene...	7.077	2469889	20.169 ug/ml
6) T n-Tetradecane (C14)	8.242	2264490	20.170 ug/ml
7) T n-Hexadecane (C16)	9.841	2239276	19.696 ug/ml
8) T n-Octadecane (C18)	11.281	2245449	19.215 ug/ml
10) T n-Eicosane (C20)	12.589	2147897	18.689 ug/ml
11) T n-Heneicosane (C21)	13.199	2122557	18.469 ug/ml
13) T n-Docosane (C22)	13.785	2068126	18.369 ug/ml
14) T n-Tetracosane (C24)	14.885	1998963	18.139 ug/ml
15) T n-Hexacosane (C26)	15.902	1936547	18.348 ug/ml
16) T n-Octacosane (C28)	16.849	1922973	18.539 ug/ml
17) T n-Tricontane (C30)	17.732	1931429	18.642 ug/ml
18) T n-Dotriacontane (C32)	18.561	1921552	20.056 ug/ml
19) T n-Tetratriacontane (C34)	19.342	1934128	22.052 ug/ml
20) T n-Hexatriacontane (C36)	20.078	1899815	23.210 ug/ml
21) T n-Octatriacontane (C38)	20.811	1867254	23.348 ug/ml
22) T n-Tetracontane (C40)	21.719	1892717	22.973 ug/ml

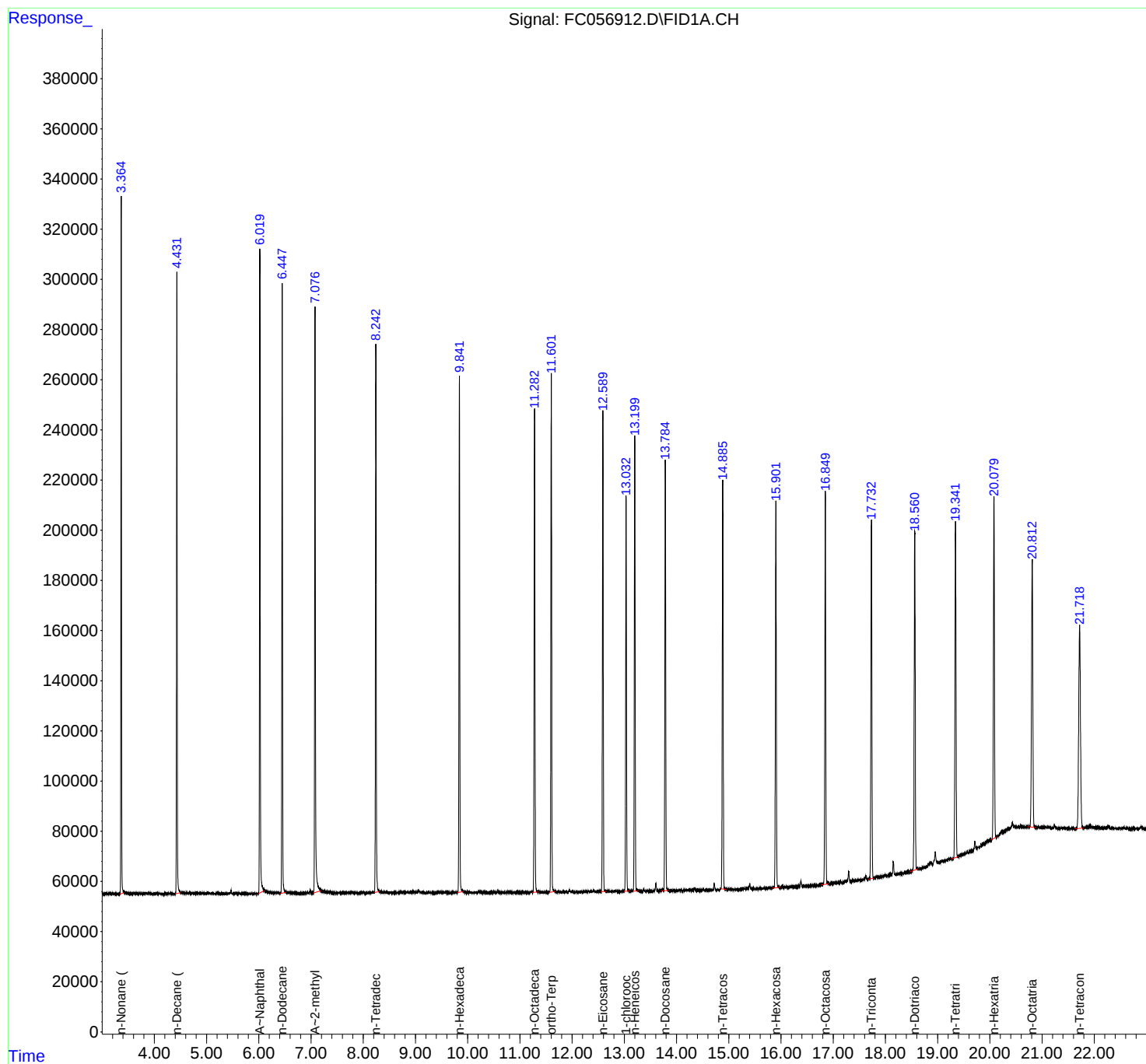
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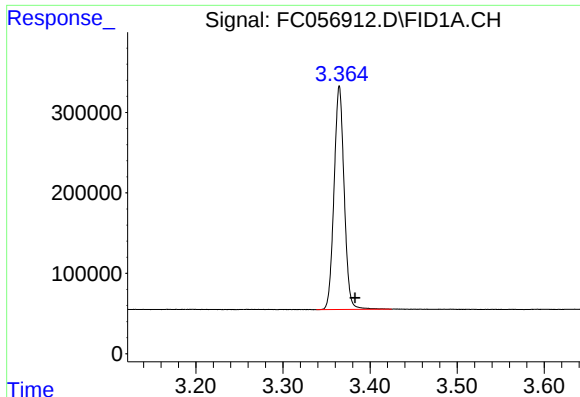
(m)=manual int.

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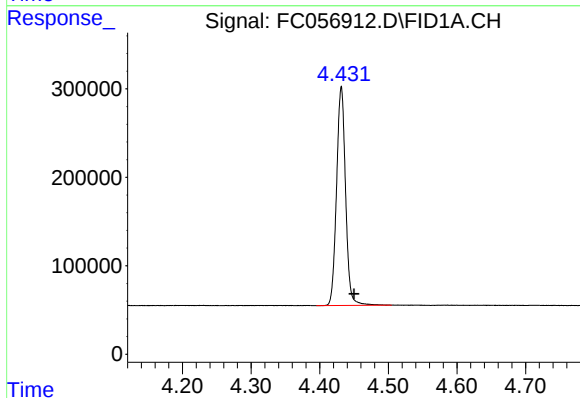
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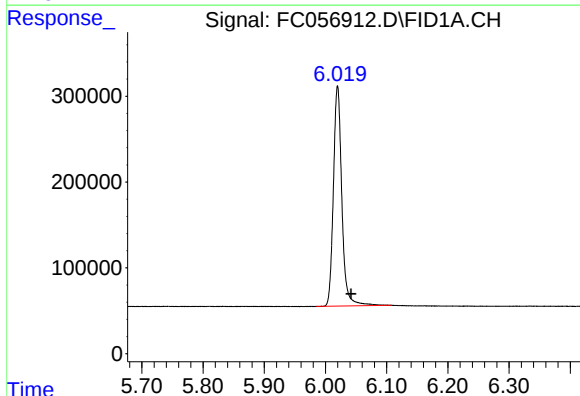
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: -0.018 min
Response: 2240496
Conc: 20.70 ug/ml



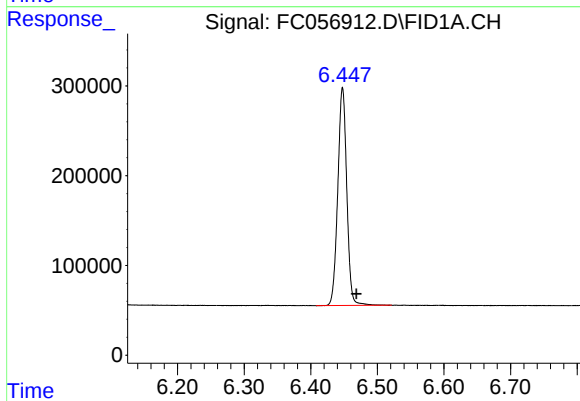
#2 n-Decane (C10)

R.T.: 4.431 min
Delta R.T.: -0.019 min
Response: 2257140
Conc: 20.95 ug/ml



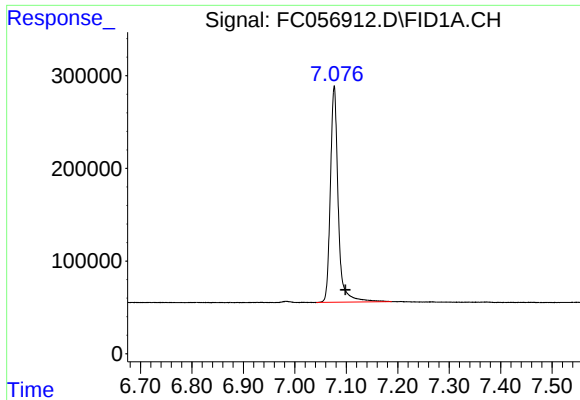
#3 A~Naphthalene (C11.7)

R.T.: 6.020 min
Delta R.T.: -0.022 min
Response: 2467395
Conc: 20.24 ug/ml



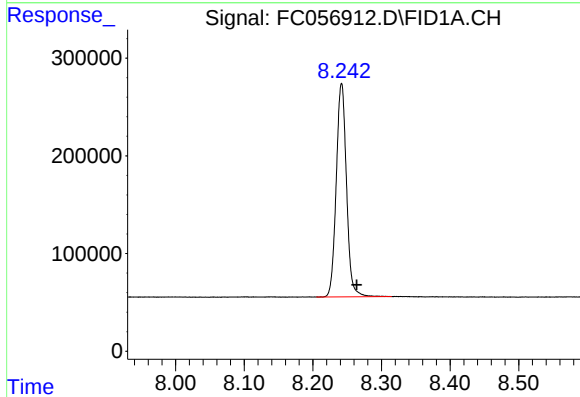
#4 n-Dodecane (C12)

R.T.: 6.448 min
Delta R.T.: -0.021 min
Response: 2281105
Conc: 20.69 ug/ml



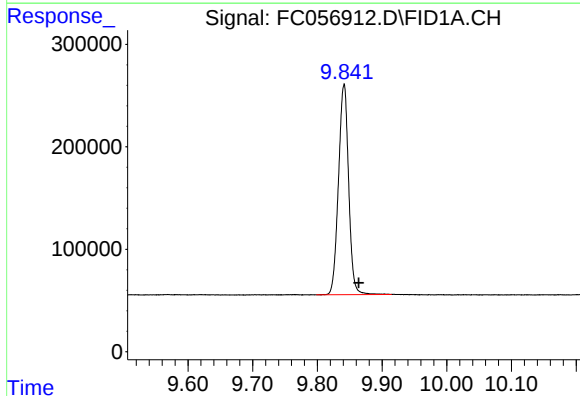
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.077 min
Delta R.T.: -0.022 min
Response: 2469889
Conc: 20.17 ug/ml



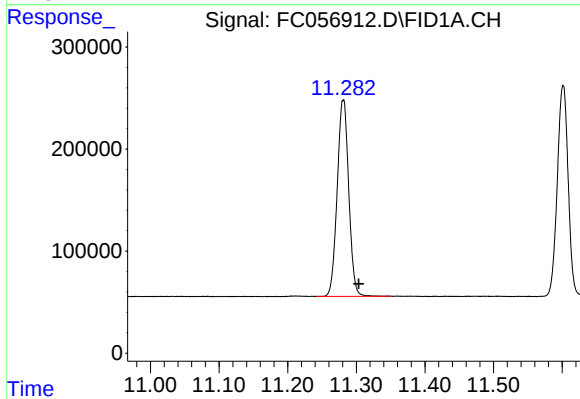
#6 n-Tetradecane (C14)

R.T.: 8.242 min
Delta R.T.: -0.022 min
Response: 2264490
Conc: 20.17 ug/ml



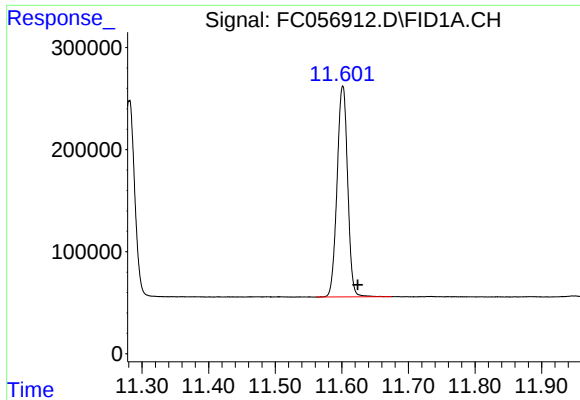
#7 n-Hexadecane (C16)

R.T.: 9.841 min
Delta R.T.: -0.023 min
Response: 2239276
Conc: 19.70 ug/ml



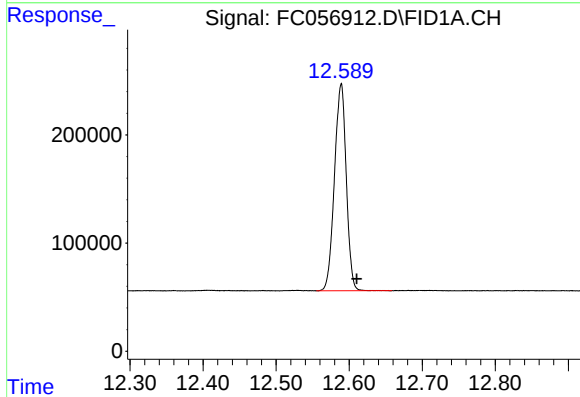
#8 n-Octadecane (C18)

R.T.: 11.281 min
Delta R.T.: -0.022 min
Response: 2245449
Conc: 19.22 ug/ml



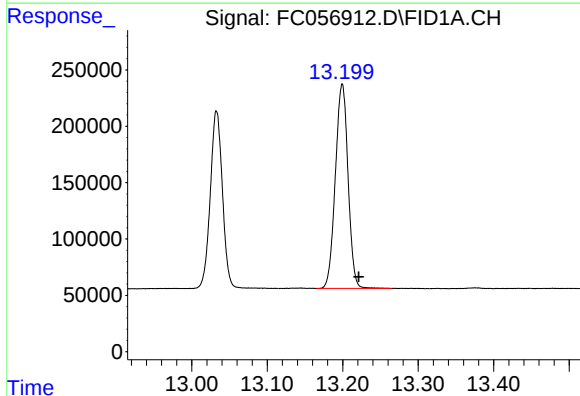
#9 ortho-Terphenyl (SURR)

R.T.: 11.601 min
Delta R.T.: -0.023 min
Response: 2280090
Conc: 18.41 ug/ml



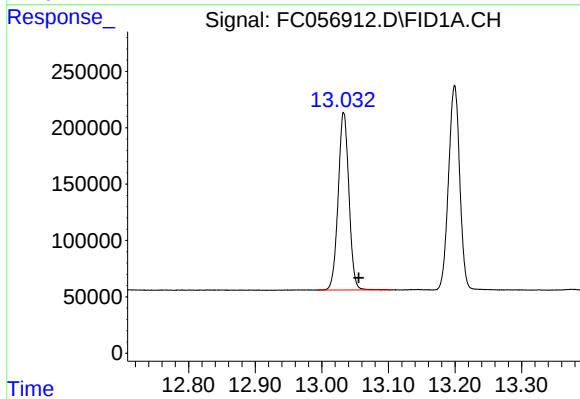
#10 n-Eicosane (C20)

R.T.: 12.589 min
Delta R.T.: -0.022 min
Response: 2147897
Conc: 18.69 ug/ml



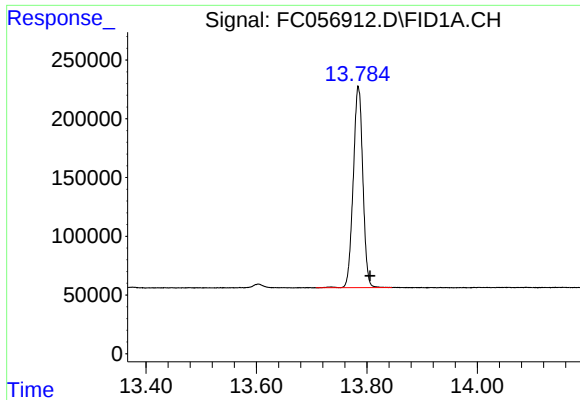
#11 n-Heneicosane (C21)

R.T.: 13.199 min
Delta R.T.: -0.022 min
Response: 2122557
Conc: 18.47 ug/ml



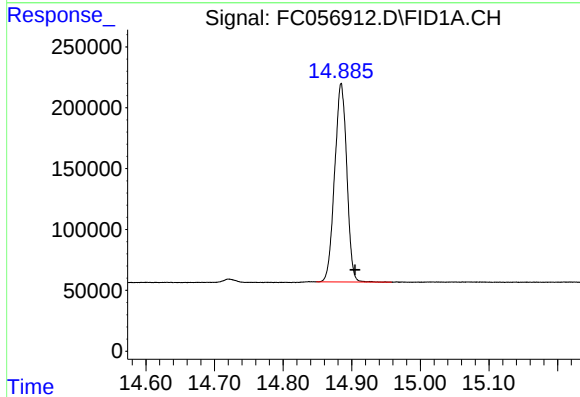
#12 1-chlorooctadecane (SURR)

R.T.: 13.033 min
Delta R.T.: -0.023 min
Response: 1764059
Conc: 18.33 ug/ml



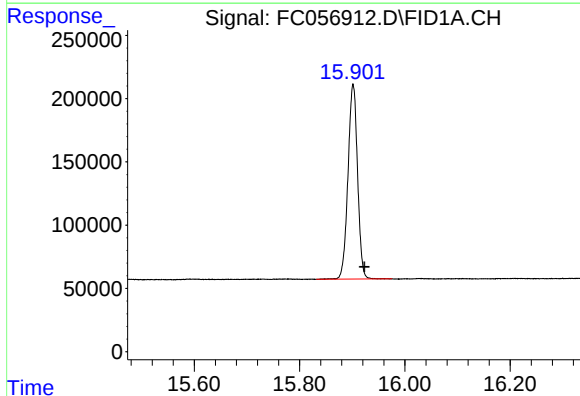
#13 n-Docosane (C22)

R.T.: 13.785 min
Delta R.T.: -0.021 min
Response: 2068126
Conc: 18.37 ug/ml



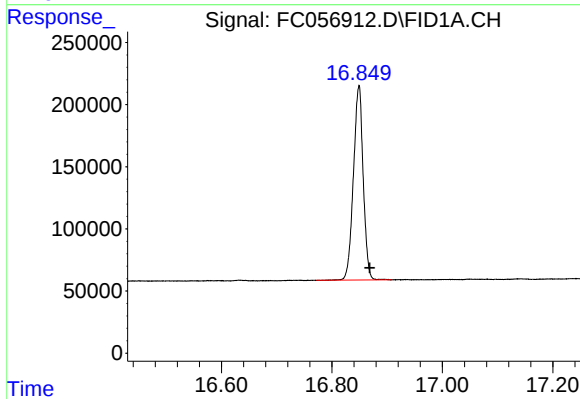
#14 n-Tetracosane (C24)

R.T.: 14.885 min
Delta R.T.: -0.020 min
Response: 1998963
Conc: 18.14 ug/ml



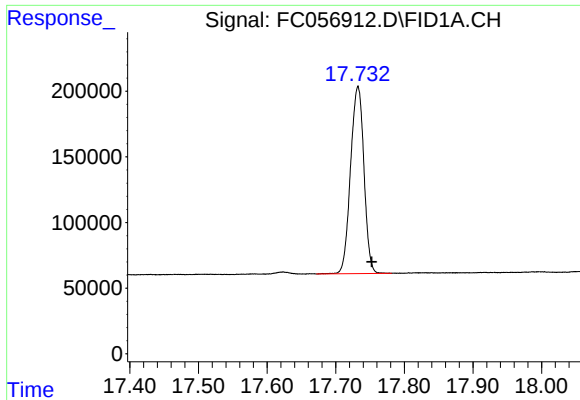
#15 n-Hexacosane (C26)

R.T.: 15.902 min
Delta R.T.: -0.021 min
Response: 1936547
Conc: 18.35 ug/ml



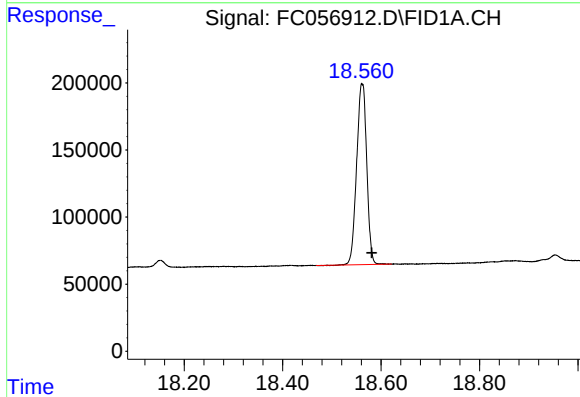
#16 n-Octacosane (C28)

R.T.: 16.849 min
Delta R.T.: -0.020 min
Response: 1922973
Conc: 18.54 ug/ml



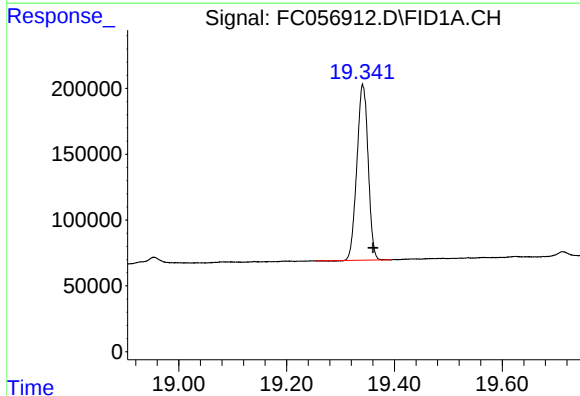
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: -0.020 min
Response: 1931429
Conc: 18.64 ug/ml



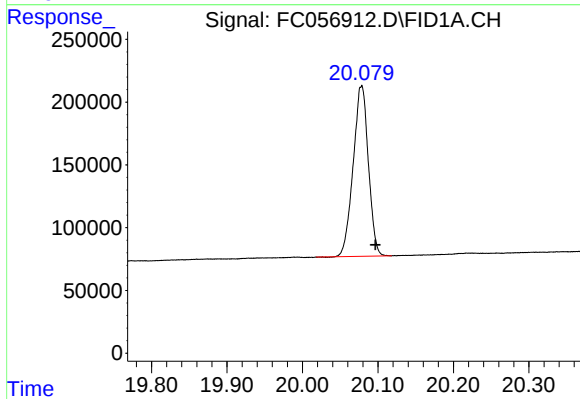
#18 n-Dotriacontane (C32)

R.T.: 18.561 min
Delta R.T.: -0.019 min
Response: 1921552
Conc: 20.06 ug/ml



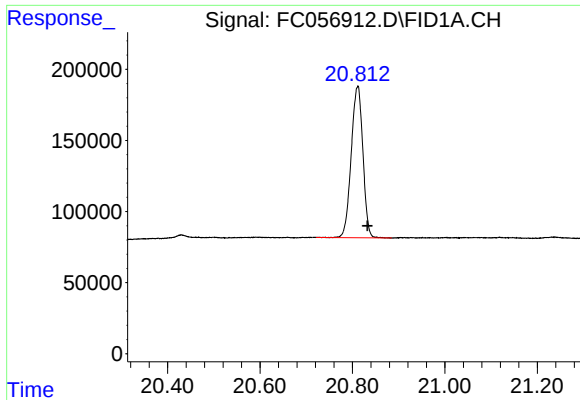
#19 n-Tetratriacontane (C34)

R.T.: 19.342 min
Delta R.T.: -0.019 min
Response: 1934128
Conc: 22.05 ug/ml



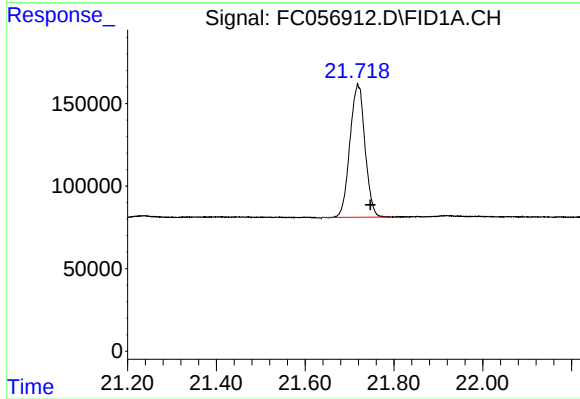
#20 n-Hexatriacontane (C36)

R.T.: 20.078 min
Delta R.T.: -0.019 min
Response: 1899815
Conc: 23.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: -0.021 min
Response: 1867254
Conc: 23.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.719 min
Delta R.T.: -0.028 min
Response: 1892717
Conc: 22.97 ug/ml