

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101521AL\
 Data File : FC056217.D
 Signal(s) : FID1A.CH
 Acq On : 16 Oct 2021 7:21
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 16 07:43:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.633	2478608	20.888 ug/ml
Spiked Amount 50.000		Recovery =	41.78%
12) S 1-chlorooctadecane (S...	13.063	1918153	20.878 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
Target Compounds			
1) T n-Nonane (C9)	3.385	2507721	23.500 ug/ml
2) T n-Decane (C10)	4.453	2557226	23.923 ug/ml
3) T A~Naphthalene (C11.7)	6.047	2778796	23.095 ug/ml
4) T n-Dodecane (C12)	6.474	2555295	23.542 ug/ml
5) T A~2-methylnaphthalene...	7.104	2764417	22.757 ug/ml
6) T n-Tetradecane (C14)	8.270	2508448	22.673 ug/ml
7) T n-Hexadecane (C16)	9.870	2447459	22.111 ug/ml
8) T n-Octadecane (C18)	11.312	2421342	21.634 ug/ml
10) T n-Eicosane (C20)	12.618	2322779	21.266 ug/ml
11) T n-Heneicosane (C21)	13.228	2304055	21.192 ug/ml
13) T n-Docosane (C22)	13.814	2253726	21.103 ug/ml
14) T n-Tetracosane (C24)	14.915	2212305	21.157 ug/ml
15) T n-Hexacosane (C26)	15.934	2153804	21.436 ug/ml
16) T n-Octacosane (C28)	16.880	2151698	22.245 ug/ml
17) T n-Tricontane (C30)	17.765	2168717	23.373 ug/ml
18) T n-Dotriacontane (C32)	18.594	2162902	24.328 ug/ml
19) T n-Tetratriacontane (C34)	19.374	2119510	24.506 ug/ml
20) T n-Hexatriacontane (C36)	20.110	1993046	24.394 ug/ml
21) T n-Octatriacontane (C38)	20.847	1836623	23.048 ug/ml
22) T n-Tetracontane (C40)	21.770	1775178	22.145 ug/ml

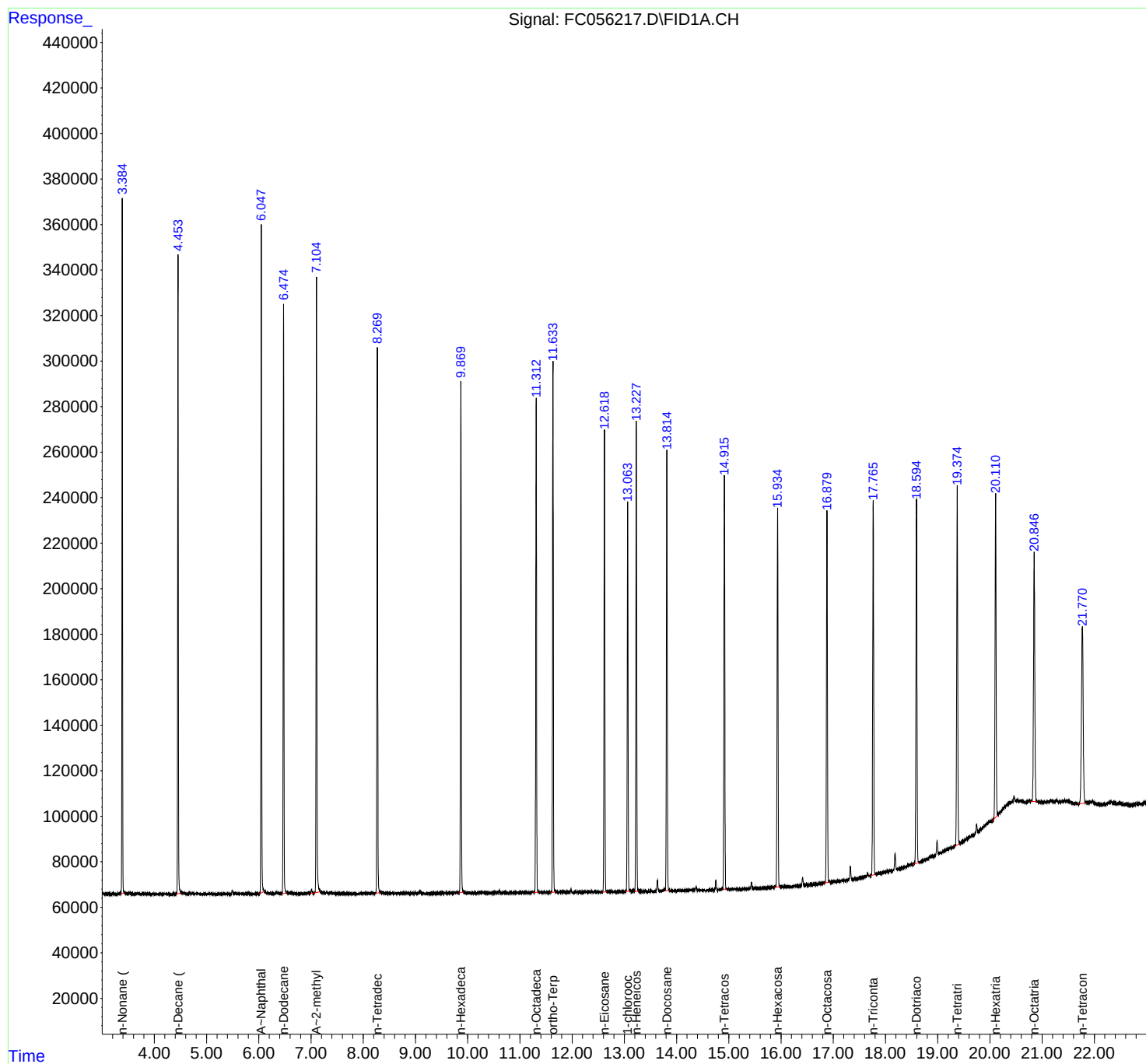
(f)=RT Delta > 1/2 Window

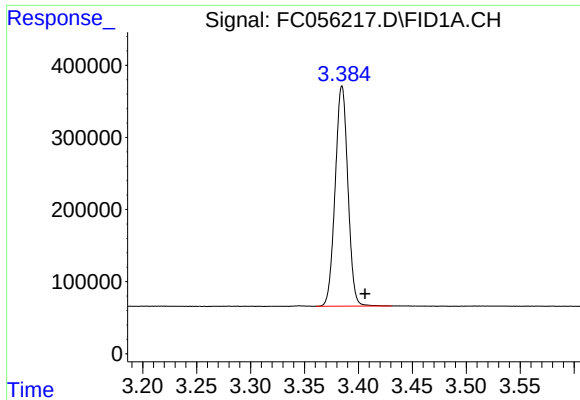
(m)=manual int.

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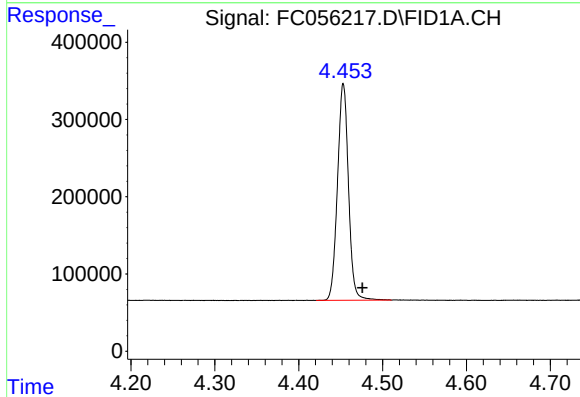
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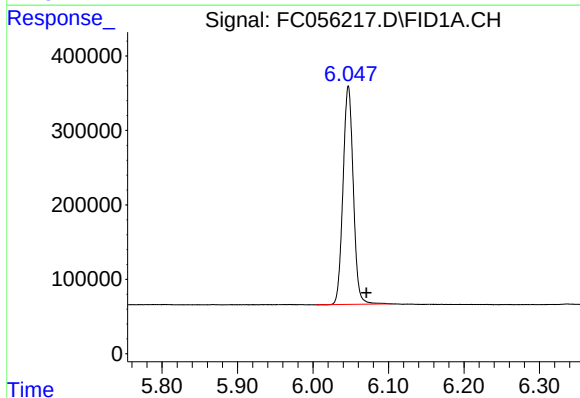
#1 n-Nonane (C9)

R.T.: 3.385 min
Delta R.T.: -0.021 min
Response: 2507721
Conc: 23.50 ug/ml



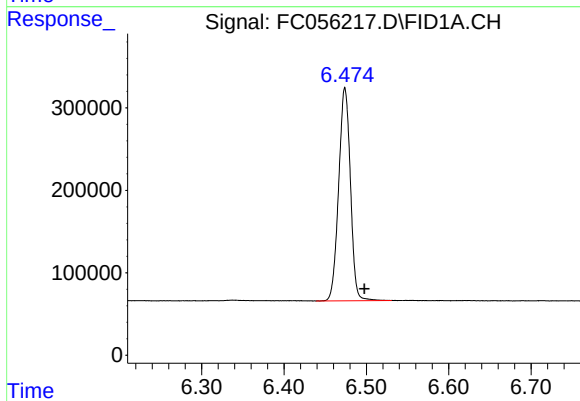
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.023 min
Response: 2557226
Conc: 23.92 ug/ml



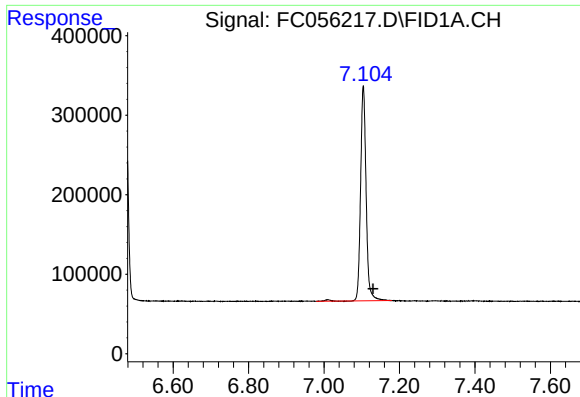
#3 A~Naphthalene (C11.7)

R.T.: 6.047 min
Delta R.T.: -0.024 min
Response: 2778796
Conc: 23.09 ug/ml



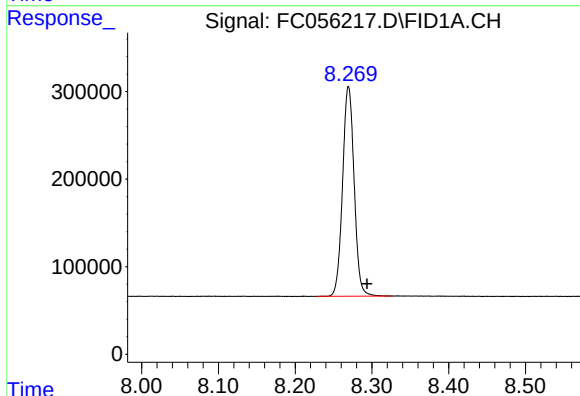
#4 n-Dodecane (C12)

R.T.: 6.474 min
Delta R.T.: -0.023 min
Response: 2555295
Conc: 23.54 ug/ml



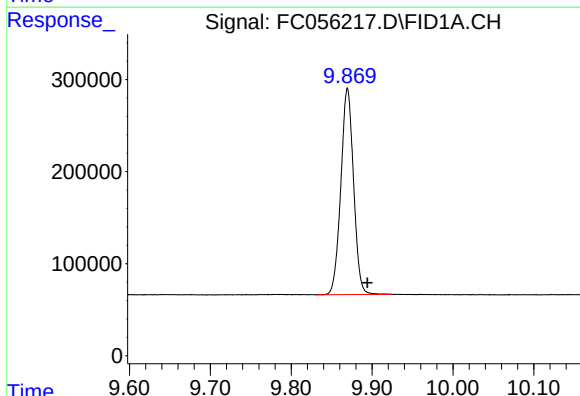
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: -0.026 min
Response: 2764417
Conc: 22.76 ug/ml



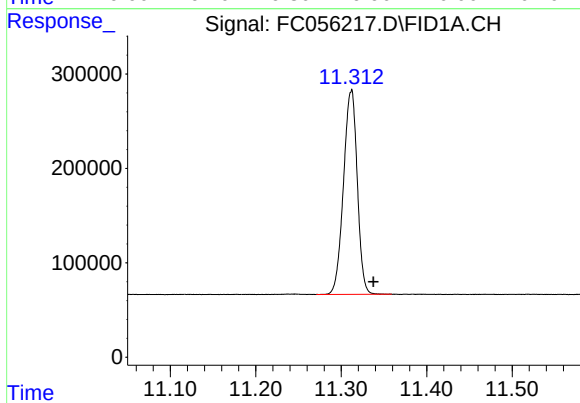
#6 n-Tetradecane (C14)

R.T.: 8.270 min
Delta R.T.: -0.024 min
Response: 2508448
Conc: 22.67 ug/ml



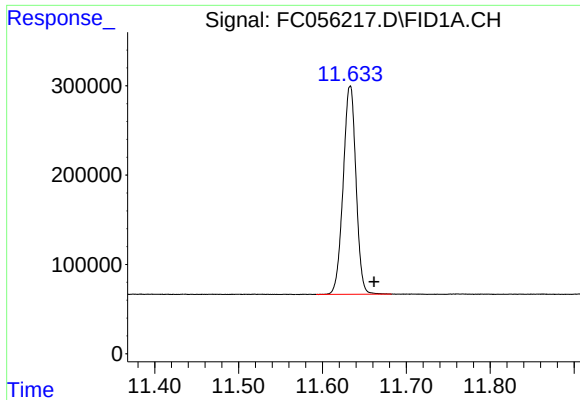
#7 n-Hexadecane (C16)

R.T.: 9.870 min
Delta R.T.: -0.025 min
Response: 2447459
Conc: 22.11 ug/ml



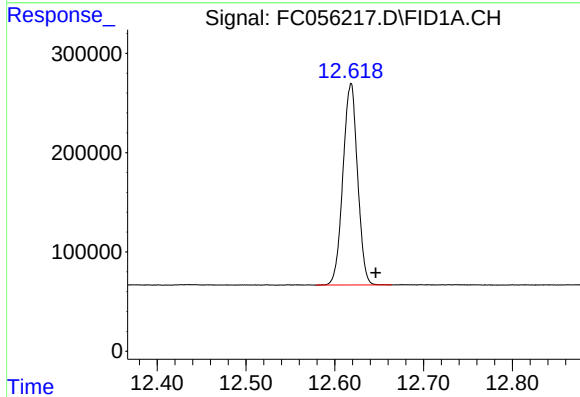
#8 n-Octadecane (C18)

R.T.: 11.312 min
Delta R.T.: -0.026 min
Response: 2421342
Conc: 21.63 ug/ml



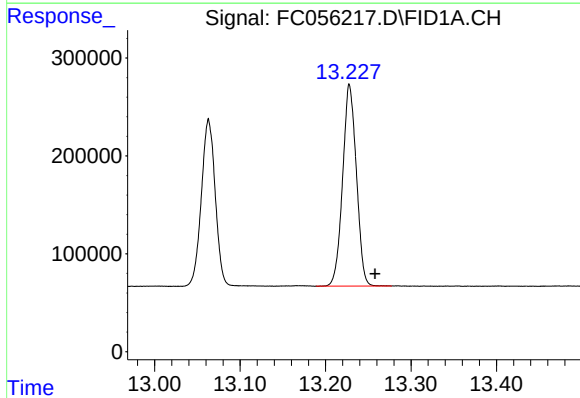
#9 ortho-Terphenyl (SURR)

R.T.: 11.633 min
Delta R.T.: -0.029 min
Response: 2478608
Conc: 20.89 ug/ml



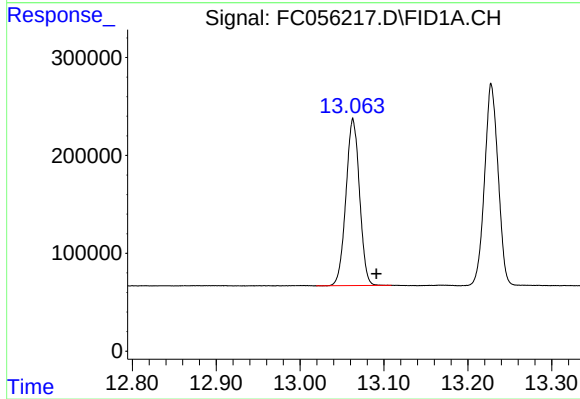
#10 n-Eicosane (C20)

R.T.: 12.618 min
Delta R.T.: -0.028 min
Response: 2322779
Conc: 21.27 ug/ml



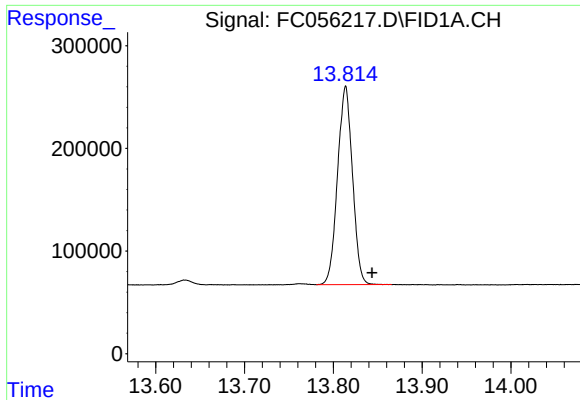
#11 n-Heneicosane (C21)

R.T.: 13.228 min
Delta R.T.: -0.030 min
Response: 2304055
Conc: 21.19 ug/ml



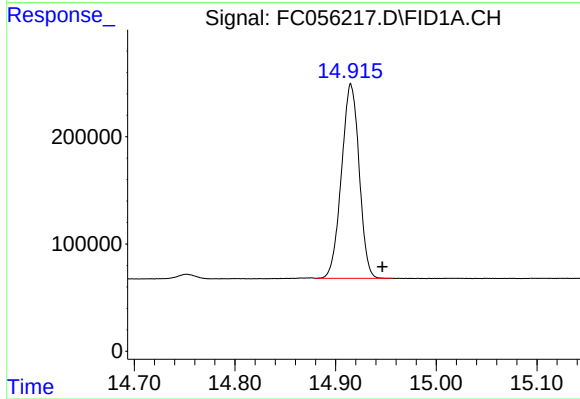
#12 1-chlorooctadecane (SURR)

R.T.: 13.063 min
Delta R.T.: -0.028 min
Response: 1918153
Conc: 20.88 ug/ml



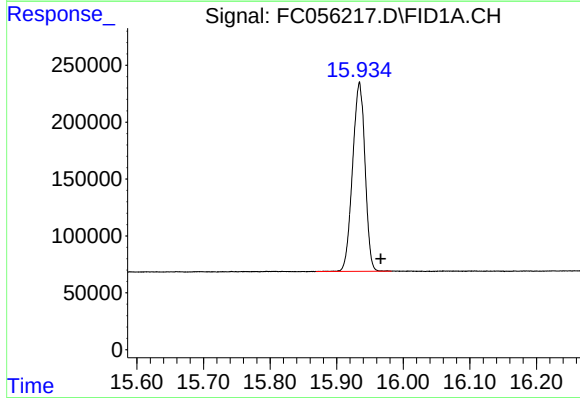
#13 n-Docosane (C22)

R.T.: 13.814 min
Delta R.T.: -0.030 min
Response: 2253726
Conc: 21.10 ug/ml



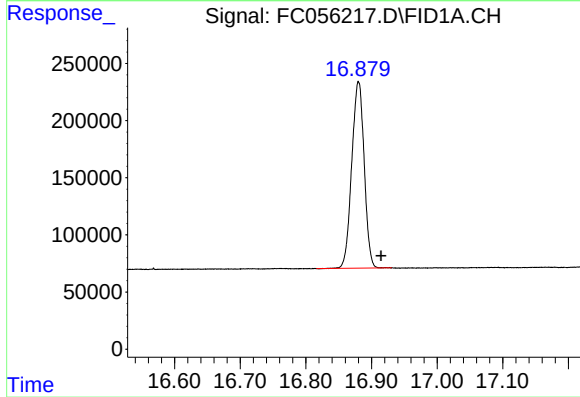
#14 n-Tetracosane (C24)

R.T.: 14.915 min
Delta R.T.: -0.031 min
Response: 2212305
Conc: 21.16 ug/ml



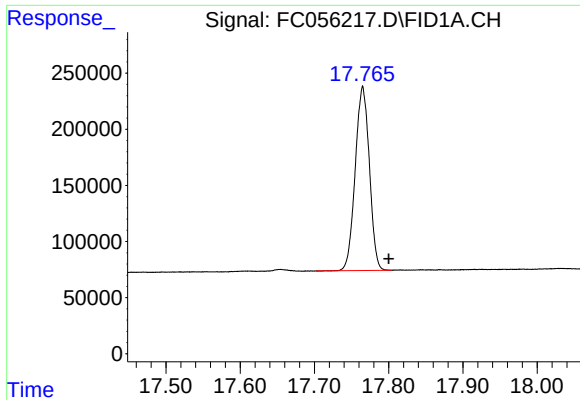
#15 n-Hexacosane (C26)

R.T.: 15.934 min
Delta R.T.: -0.032 min
Response: 2153804
Conc: 21.44 ug/ml



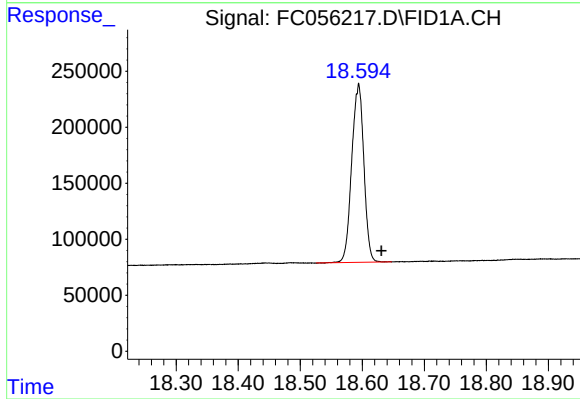
#16 n-Octacosane (C28)

R.T.: 16.880 min
Delta R.T.: -0.034 min
Response: 2151698
Conc: 22.24 ug/ml



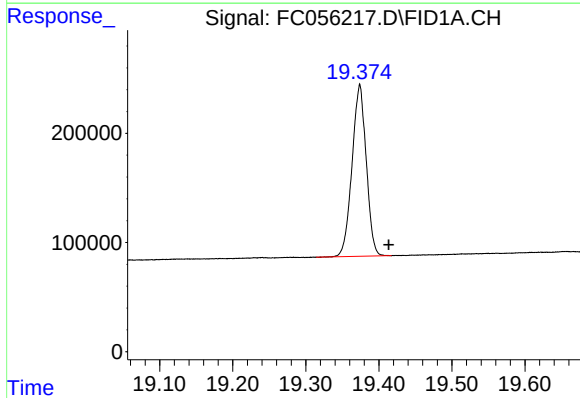
#17 n-Tricontane (C30)

R.T.: 17.765 min
Delta R.T.: -0.035 min
Response: 2168717
Conc: 23.37 ug/ml



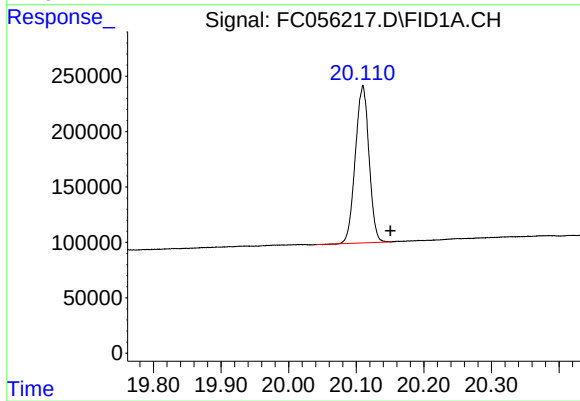
#18 n-Dotriacontane (C32)

R.T.: 18.594 min
Delta R.T.: -0.037 min
Response: 2162902
Conc: 24.33 ug/ml



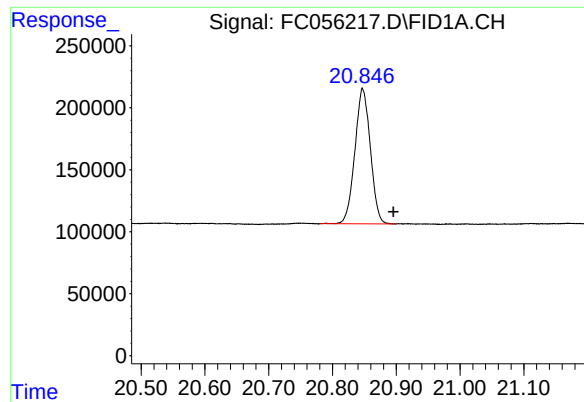
#19 n-Tetratriacontane (C34)

R.T.: 19.374 min
Delta R.T.: -0.040 min
Response: 2119510
Conc: 24.51 ug/ml



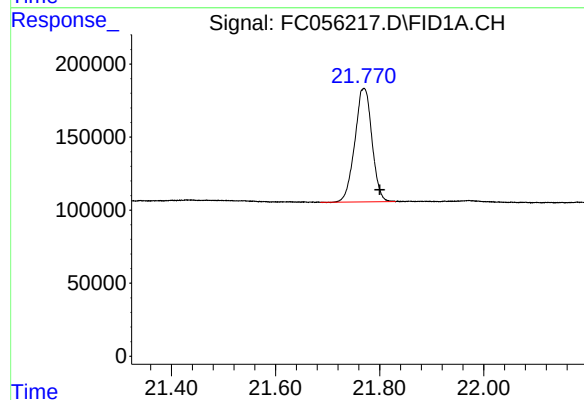
#20 n-Hexatriacontane (C36)

R.T.: 20.110 min
Delta R.T.: -0.041 min
Response: 1993046
Conc: 24.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.847 min
Delta R.T.: -0.048 min
Response: 1836623
Conc: 23.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.770 min
Delta R.T.: -0.030 min
Response: 1775178
Conc: 22.15 ug/ml