

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042122AL\
 Data File : FC059348.D
 Signal(s) : FID1A.CH
 Acq On : 21 Apr 2022 20:15
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 22 01:12:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 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)	11.097	3085331	19.200 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
12) S 1-chlorooctadecane (S...	12.544	2501369	19.155 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
Target Compounds			
1) T n-Nonane (C9)	2.962	2410403	19.233 ug/ml
2) T n-Decane (C10)	4.002	2423425	19.398 ug/ml
3) T A~Naphthalene (C11.7)	5.553	2464383	20.090 ug/ml
4) T n-Dodecane (C12)	5.999	2554560	19.372 ug/ml
5) T A~2-methylnaphthalene...	6.600	2510235	19.890 ug/ml
6) T n-Tetradecane (C14)	7.781	2603109	19.245 ug/ml
7) T n-Hexadecane (C16)	9.372	2694318	19.184 ug/ml
8) T n-Octadecane (C18)	10.805	2799293	19.163 ug/ml
10) T n-Eicosane (C20)	12.107	2860588	19.074 ug/ml
11) T n-Heneicosane (C21)	12.715	2918189	19.185 ug/ml
13) T n-Docosane (C22)	13.297	2940898	19.194 ug/ml
14) T n-Tetracosane (C24)	14.394	2992254	19.325 ug/ml
15) T n-Hexacosane (C26)	15.410	2987611	19.385 ug/ml
16) T n-Octacosane (C28)	16.355	2999928	19.379 ug/ml
17) T n-Tricontane (C30)	17.239	2929667	19.288 ug/ml
18) T n-Dotriacontane (C32)	18.067	2725969	19.347 ug/ml
19) T n-Tetratriacontane (C34)	18.849	2485073	19.662 ug/ml
20) T n-Hexatriacontane (C36)	19.586	2207674	20.184 ug/ml
21) T n-Octatriacontane (C38)	20.284	1922638	20.644 ug/ml
22) T n-Tetracontane (C40)	21.024	1816149	21.743 ug/mlm

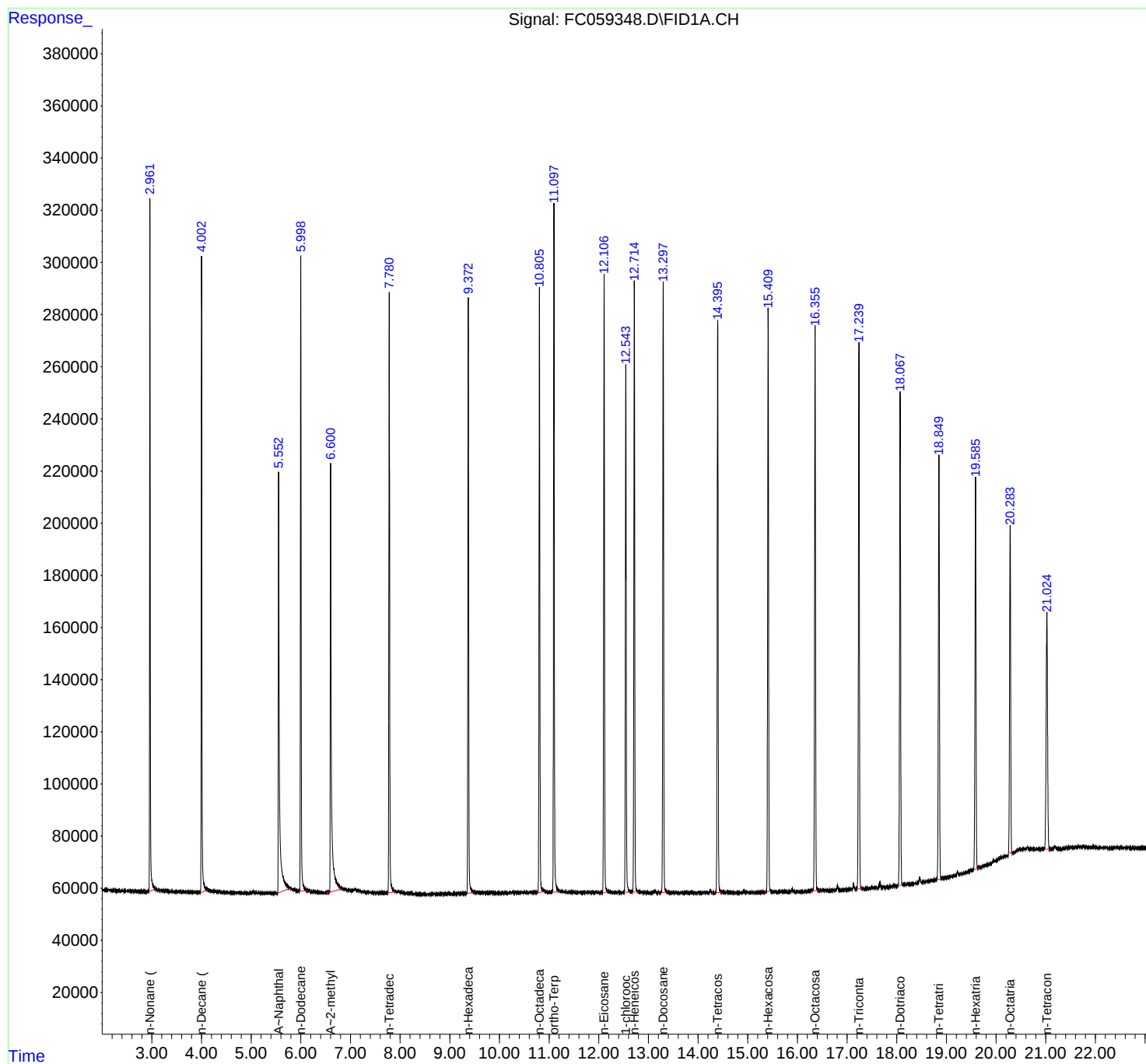
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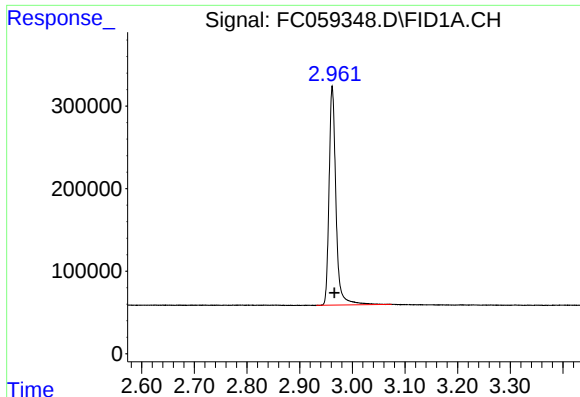
(m)=manual int.

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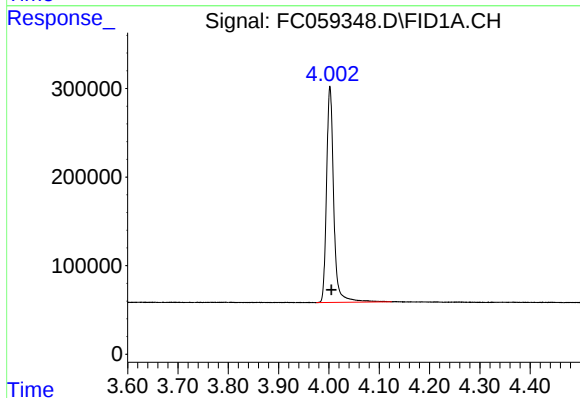
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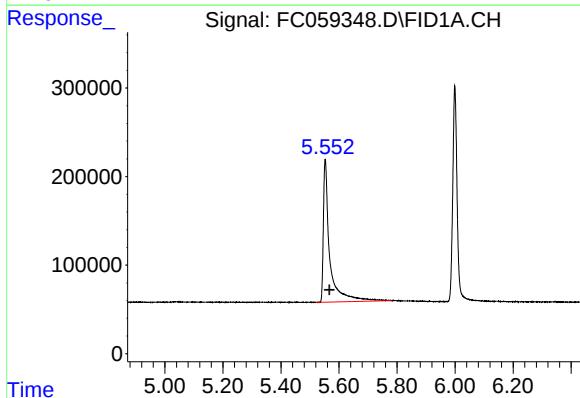
#1 n-Nonane (C9)

R.T.: 2.962 min
Delta R.T.: -0.004 min
Response: 2410403
Conc: 19.23 ug/ml



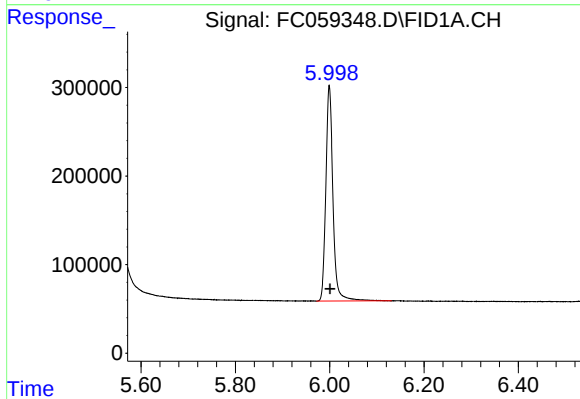
#2 n-Decane (C10)

R.T.: 4.002 min
Delta R.T.: -0.003 min
Response: 2423425
Conc: 19.40 ug/ml



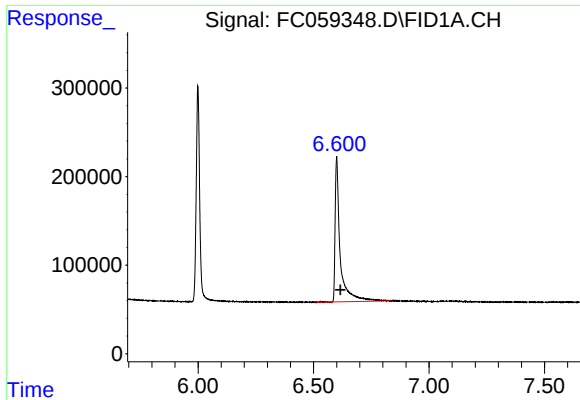
#3 A~Naphthalene (C11.7)

R.T.: 5.553 min
Delta R.T.: -0.014 min
Response: 2464383
Conc: 20.09 ug/ml



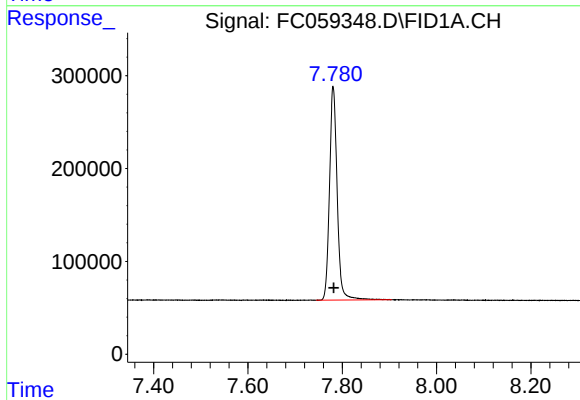
#4 n-Dodecane (C12)

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 2554560
Conc: 19.37 ug/ml



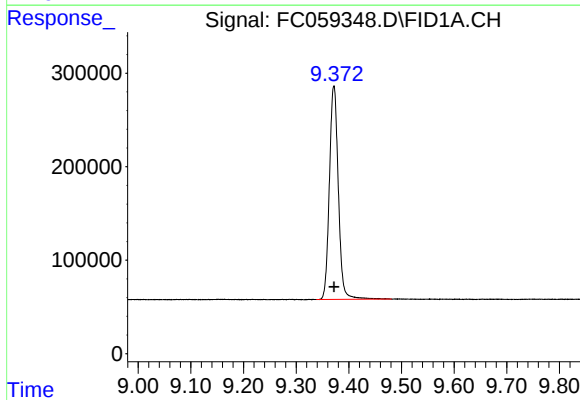
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.600 min
Delta R.T.: -0.015 min
Response: 2510235
Conc: 19.89 ug/ml



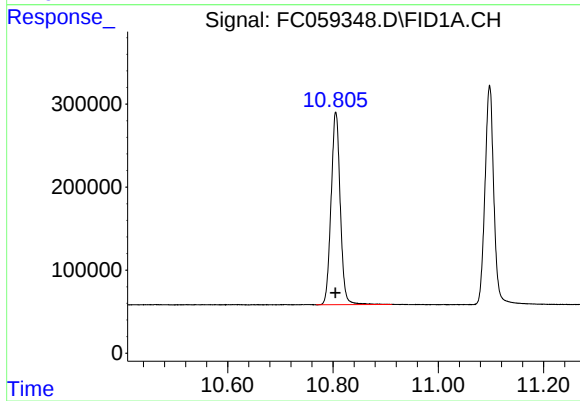
#6 n-Tetradecane (C14)

R.T.: 7.781 min
Delta R.T.: 0.000 min
Response: 2603109
Conc: 19.24 ug/ml



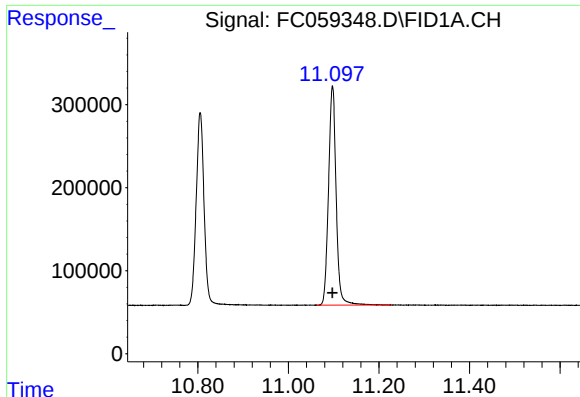
#7 n-Hexadecane (C16)

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 2694318
Conc: 19.18 ug/ml



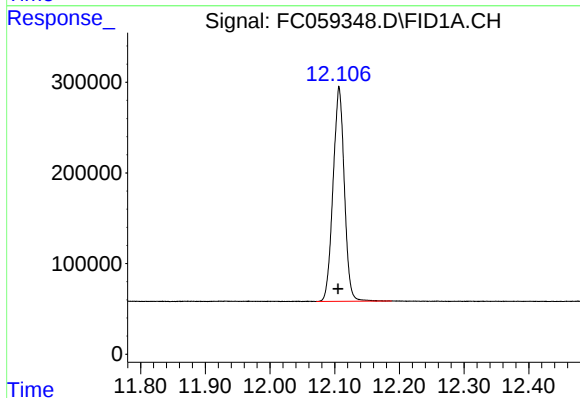
#8 n-Octadecane (C18)

R.T.: 10.805 min
Delta R.T.: 0.000 min
Response: 2799293
Conc: 19.16 ug/ml



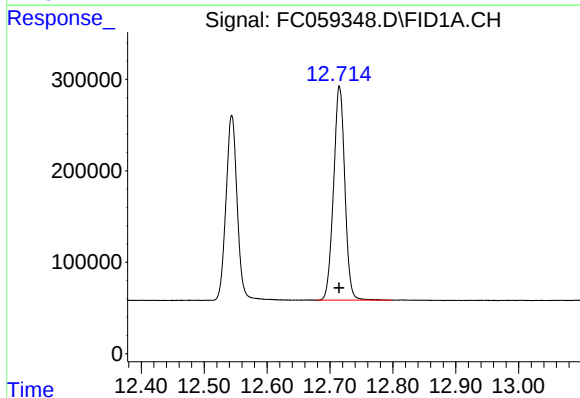
#9 ortho-Terphenyl (SURR)

R.T.: 11.097 min
Delta R.T.: 0.000 min
Response: 3085331
Conc: 19.20 ug/ml



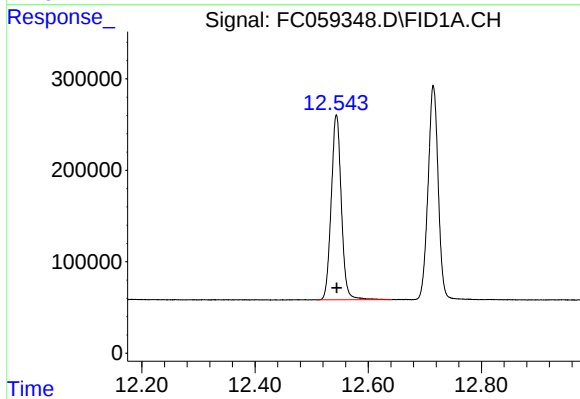
#10 n-Eicosane (C20)

R.T.: 12.107 min
Delta R.T.: 0.001 min
Response: 2860588
Conc: 19.07 ug/ml



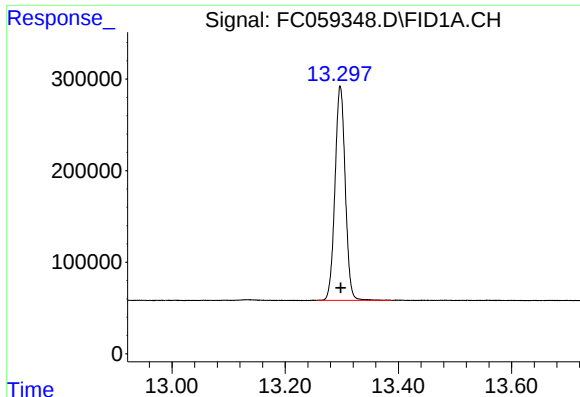
#11 n-Heneicosane (C21)

R.T.: 12.715 min
Delta R.T.: 0.000 min
Response: 2918189
Conc: 19.18 ug/ml



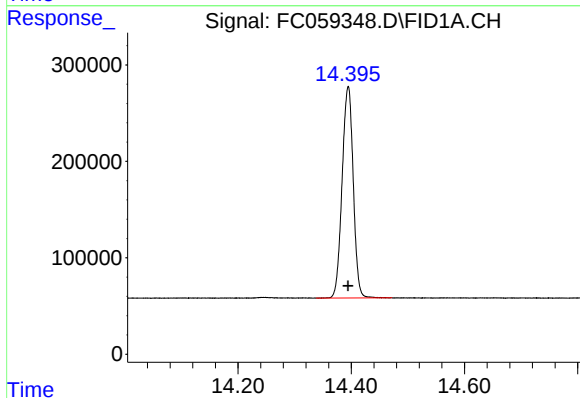
#12 1-chlorooctadecane (SURR)

R.T.: 12.544 min
Delta R.T.: 0.000 min
Response: 2501369
Conc: 19.16 ug/ml



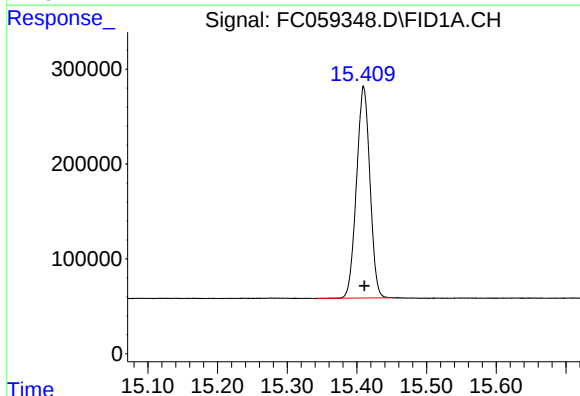
#13 n-Docosane (C22)

R.T.: 13.297 min
Delta R.T.: 0.000 min
Response: 2940898
Conc: 19.19 ug/ml



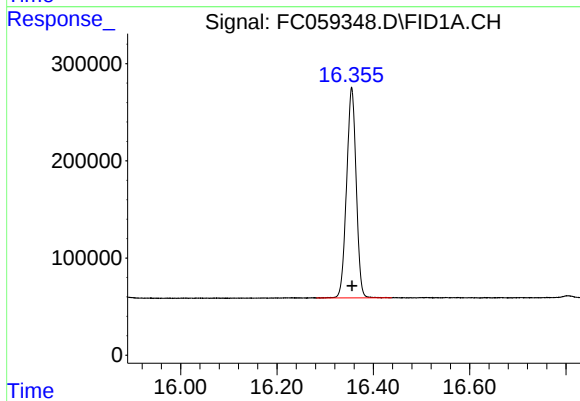
#14 n-Tetracosane (C24)

R.T.: 14.394 min
Delta R.T.: 0.000 min
Response: 2992254
Conc: 19.32 ug/ml



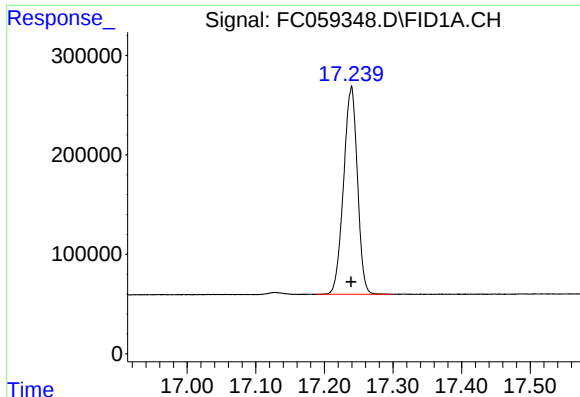
#15 n-Hexacosane (C26)

R.T.: 15.410 min
Delta R.T.: -0.001 min
Response: 2987611
Conc: 19.39 ug/ml



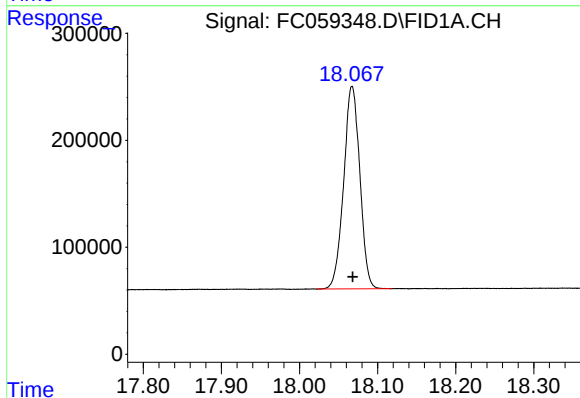
#16 n-Octacosane (C28)

R.T.: 16.355 min
Delta R.T.: -0.001 min
Response: 2999928
Conc: 19.38 ug/ml



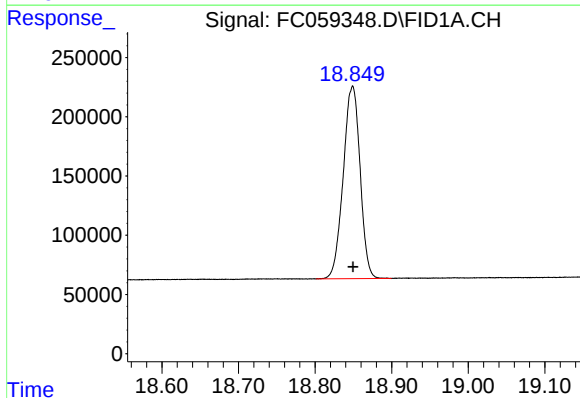
#17 n-Tricontane (C30)

R.T.: 17.239 min
Delta R.T.: 0.000 min
Response: 2929667
Conc: 19.29 ug/ml



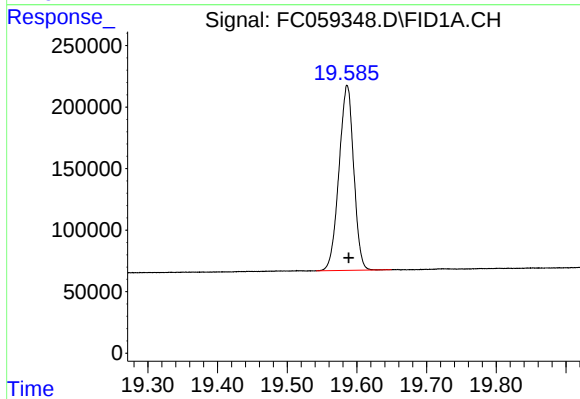
#18 n-Dotriacontane (C32)

R.T.: 18.067 min
Delta R.T.: 0.000 min
Response: 2725969
Conc: 19.35 ug/ml



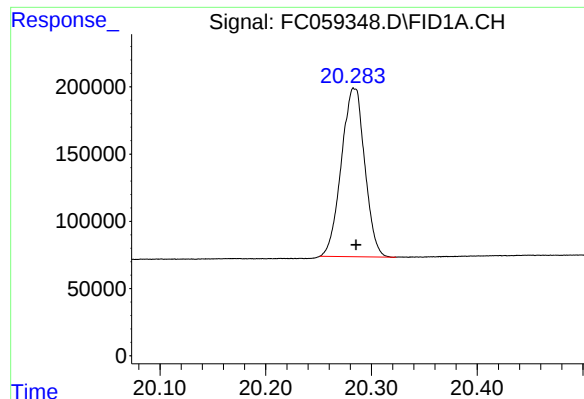
#19 n-Tetratriacontane (C34)

R.T.: 18.849 min
Delta R.T.: 0.000 min
Response: 2485073
Conc: 19.66 ug/ml



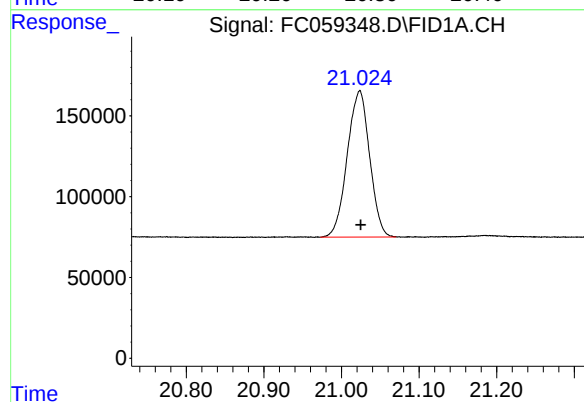
#20 n-Hexatriacontane (C36)

R.T.: 19.586 min
Delta R.T.: -0.003 min
Response: 2207674
Conc: 20.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.284 min
Delta R.T.: -0.002 min
Response: 1922638
Conc: 20.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.024 min
Delta R.T.: 0.000 min
Response: 1816149
Conc: 21.74 ug/ml m