

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042022AL\
 Data File : FC059338.D
 Signal(s) : FID1A.CH
 Acq On : 21 Apr 2022 3:12
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 21 03:35:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.098	2739645	19.014 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
12) S 1-chlorooctadecane (S...	12.545	2132334	19.023 ug/ml
Spiked Amount 50.000		Recovery =	38.05%
Target Compounds			
1) T n-Nonane (C9)	2.960	2431258	19.840 ug/ml
2) T n-Decane (C10)	4.002	2483165	20.263 ug/ml
3) T A~Naphthalene (C11.7)	5.552	2540977	20.238 ug/ml
4) T n-Dodecane (C12)	6.000	2590387	20.281 ug/ml
5) T A~2-methylnaphthalene...	6.600	2556597	19.943 ug/ml
6) T n-Tetradecane (C14)	7.782	2586654	19.894 ug/ml
7) T n-Hexadecane (C16)	9.373	2599541	19.576 ug/ml
8) T n-Octadecane (C18)	10.806	2573341	19.355 ug/ml
10) T n-Eicosane (C20)	12.108	2511100	19.165 ug/ml
11) T n-Heneicosane (C21)	12.717	2493302	19.109 ug/ml
13) T n-Docosane (C22)	13.300	2486423	19.194 ug/ml
14) T n-Tetracosane (C24)	14.398	2438907	19.307 ug/ml
15) T n-Hexacosane (C26)	15.415	2393868	19.818 ug/ml
16) T n-Octacosane (C28)	16.359	2450943	20.698 ug/ml
17) T n-Tricontane (C30)	17.243	2544368	22.304 ug/ml
18) T n-Dotriacontane (C32)	18.073	2493608	23.276 ug/ml
19) T n-Tetratriacontane (C34)	18.854	2307333	22.837 ug/ml
20) T n-Hexatriacontane (C36)	19.590	2106069	22.042 ug/ml
21) T n-Octatriacontane (C38)	20.288	1962271	21.325 ug/ml
22) T n-Tetracontane (C40)	21.031	1937599	20.848 ug/ml

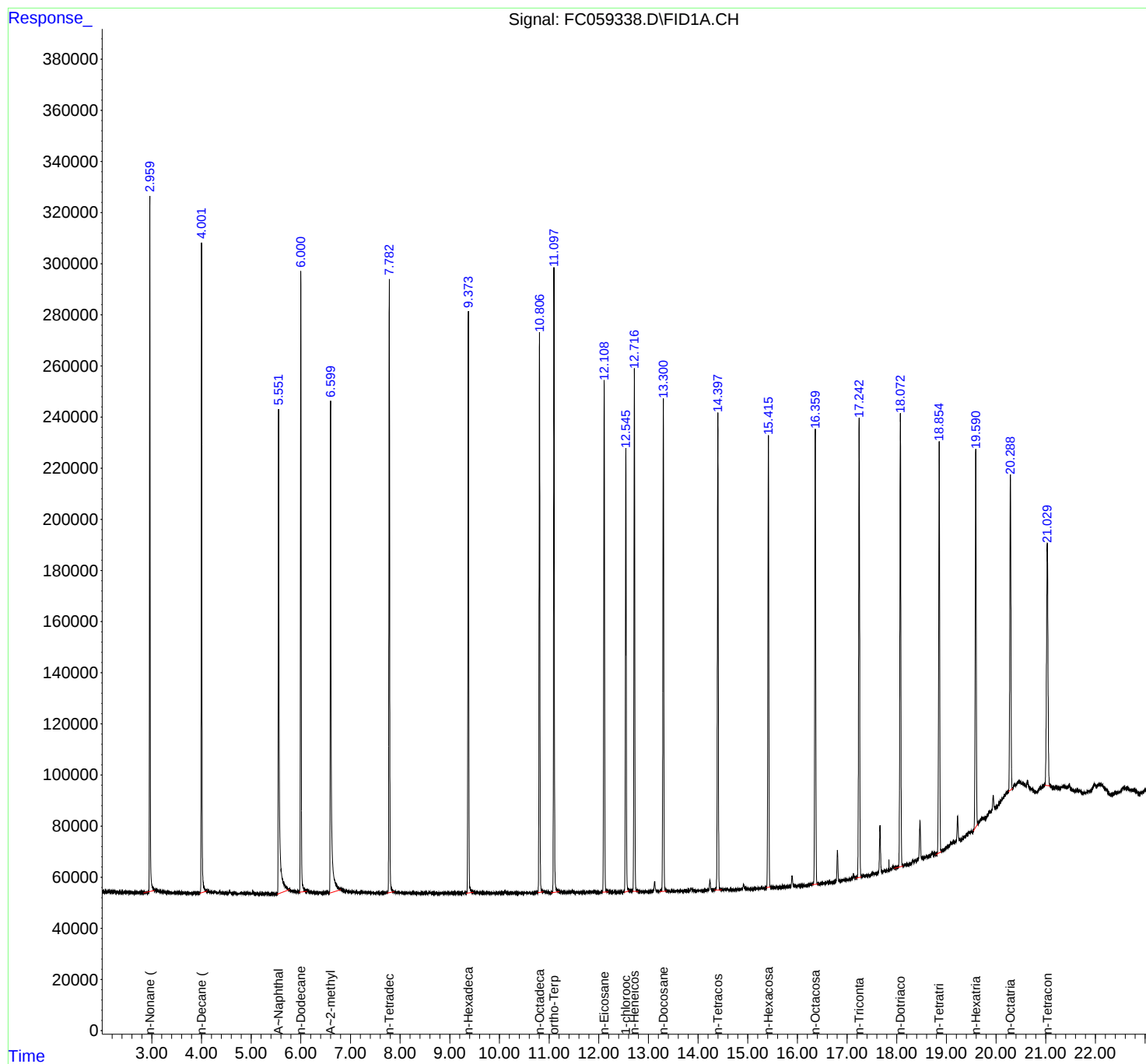
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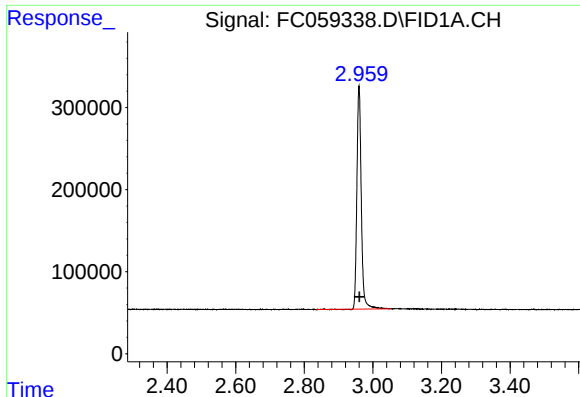
(m)=manual int.

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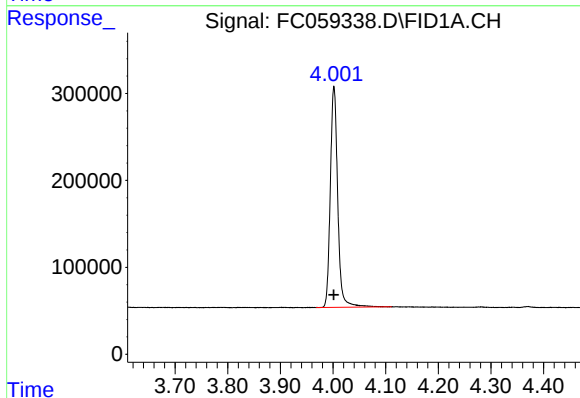
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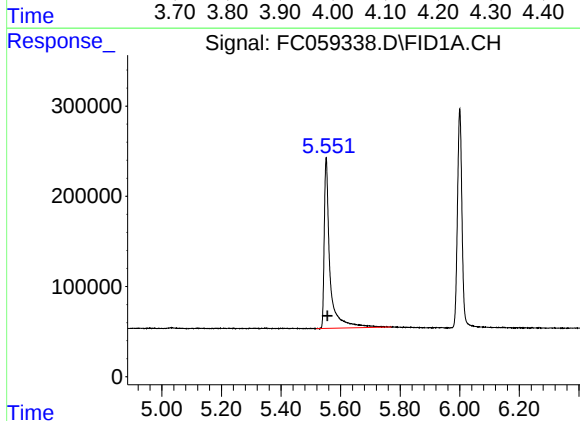
#1 n-Nonane (C9)

R.T.: 2.960 min
Delta R.T.: -0.001 min
Response: 2431258
Conc: 19.84 ug/ml



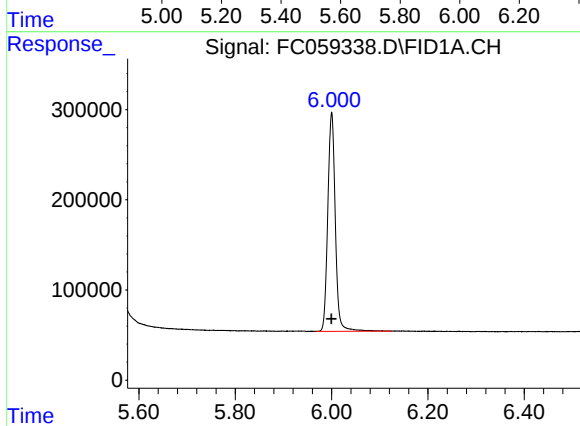
#2 n-Decane (C10)

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 2483165
Conc: 20.26 ug/ml



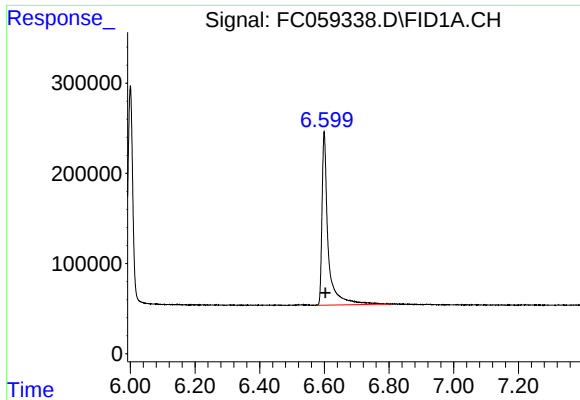
#3 A~Naphthalene (C11.7)

R.T.: 5.552 min
Delta R.T.: -0.003 min
Response: 2540977
Conc: 20.24 ug/ml



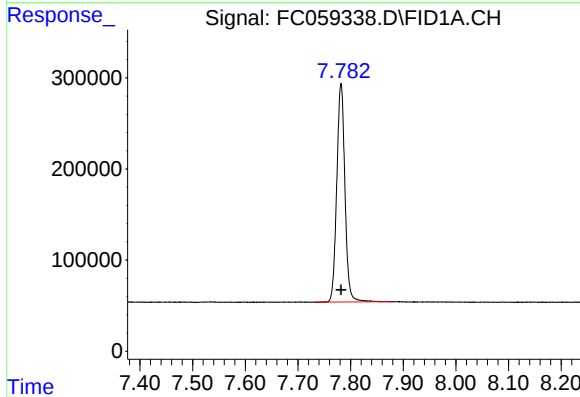
#4 n-Dodecane (C12)

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 2590387
Conc: 20.28 ug/ml



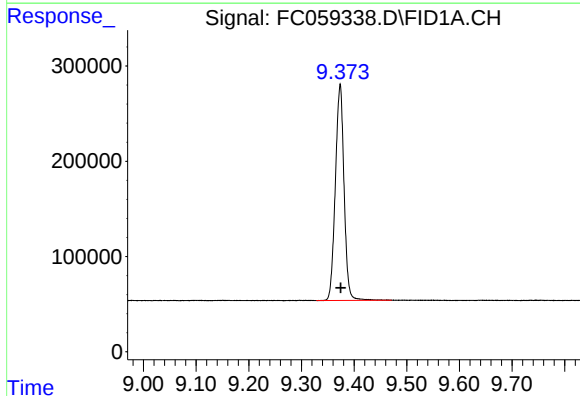
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.600 min
Delta R.T.: -0.003 min
Response: 2556597
Conc: 19.94 ug/ml



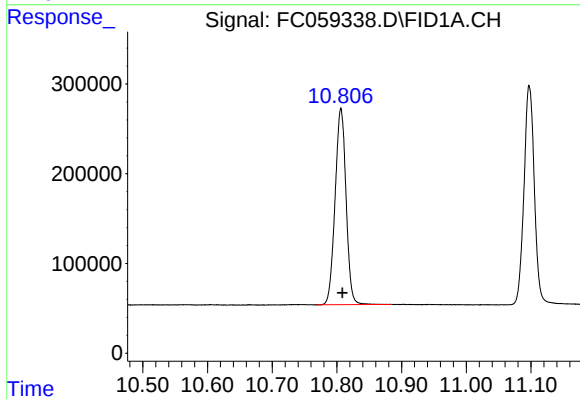
#6 n-Tetradecane (C14)

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 2586654
Conc: 19.89 ug/ml



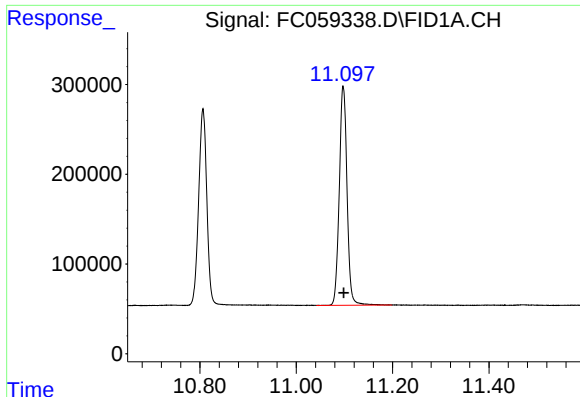
#7 n-Hexadecane (C16)

R.T.: 9.373 min
Delta R.T.: -0.001 min
Response: 2599541
Conc: 19.58 ug/ml



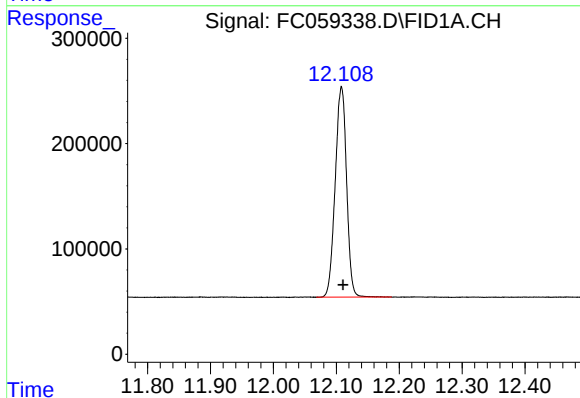
#8 n-Octadecane (C18)

R.T.: 10.806 min
Delta R.T.: -0.002 min
Response: 2573341
Conc: 19.35 ug/ml



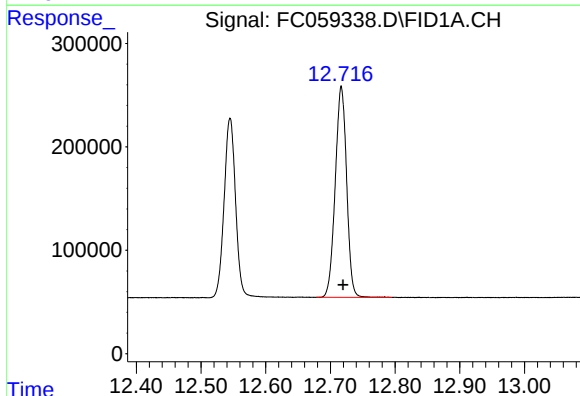
#9 ortho-Terphenyl (SURR)

R.T.: 11.098 min
Delta R.T.: -0.001 min
Response: 2739645
Conc: 19.01 ug/ml



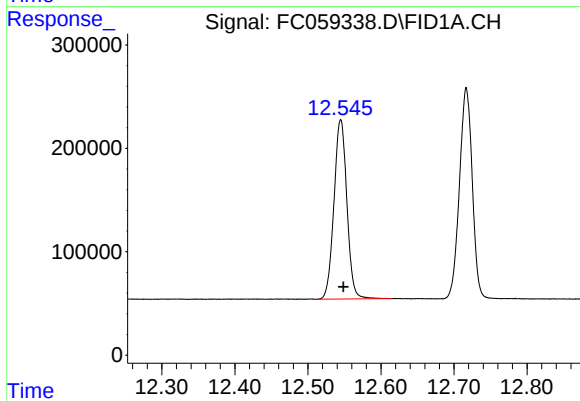
#10 n-Eicosane (C20)

R.T.: 12.108 min
Delta R.T.: -0.003 min
Response: 2511100
Conc: 19.17 ug/ml



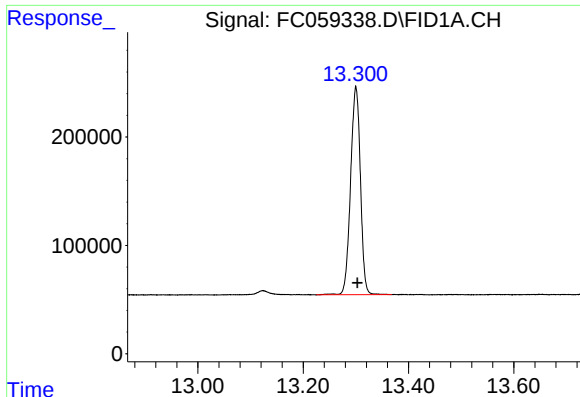
#11 n-Heneicosane (C21)

R.T.: 12.717 min
Delta R.T.: -0.003 min
Response: 2493302
Conc: 19.11 ug/ml



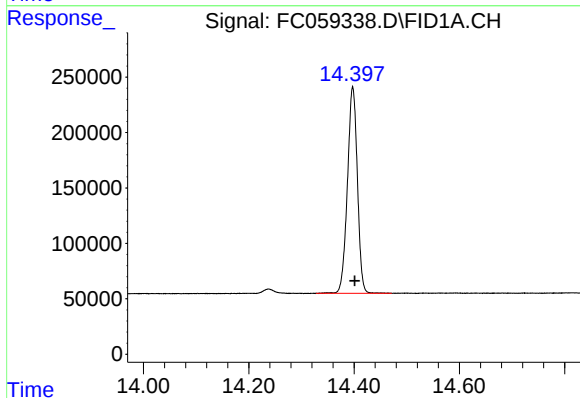
#12 1-chlorooctadecane (SURR)

R.T.: 12.545 min
Delta R.T.: -0.004 min
Response: 2132334
Conc: 19.02 ug/ml



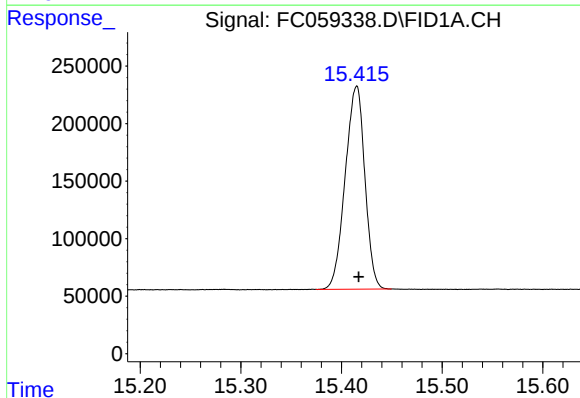
#13 n-Docosane (C22)

R.T.: 13.300 min
Delta R.T.: -0.002 min
Response: 2486423
Conc: 19.19 ug/ml



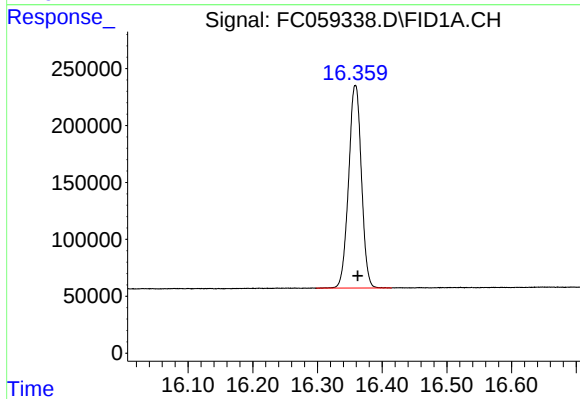
#14 n-Tetracosane (C24)

R.T.: 14.398 min
Delta R.T.: -0.004 min
Response: 2438907
Conc: 19.31 ug/ml



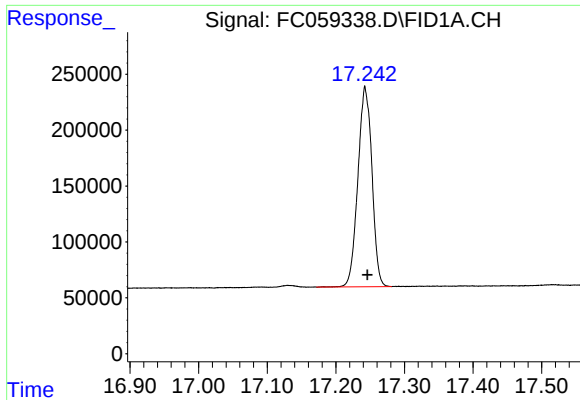
#15 n-Hexacosane (C26)

R.T.: 15.415 min
Delta R.T.: -0.002 min
Response: 2393868
Conc: 19.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.359 min
Delta R.T.: -0.004 min
Response: 2450943
Conc: 20.70 ug/ml



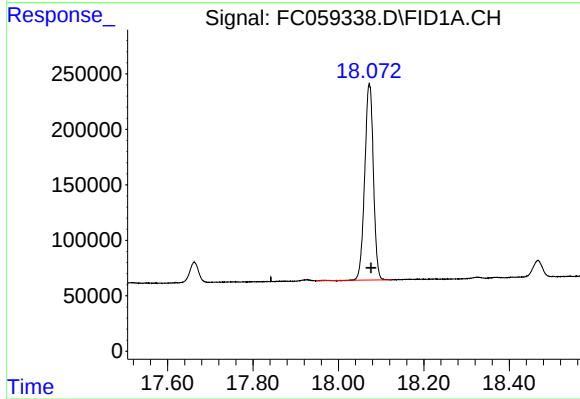
#17 n-Tricontane (C30)

R.T.: 17.243 min

Delta R.T.: -0.003 min

Response: 2544368

Conc: 22.30 ug/ml



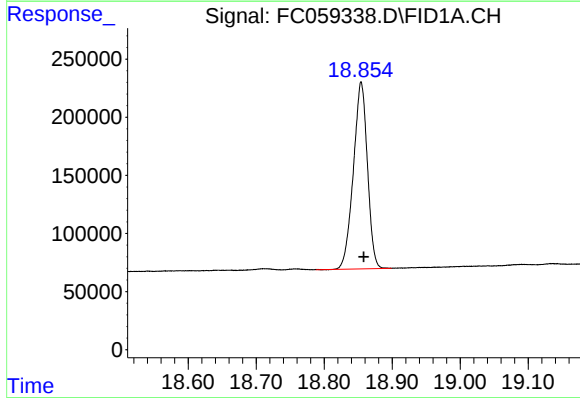
#18 n-Dotriacontane (C32)

R.T.: 18.073 min

Delta R.T.: -0.004 min

Response: 2493608

Conc: 23.28 ug/ml



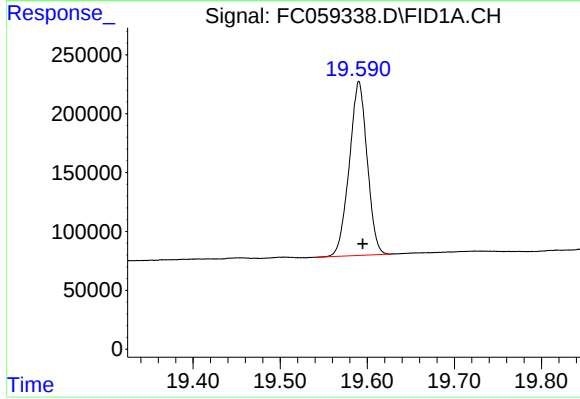
#19 n-Tetratriacontane (C34)

R.T.: 18.854 min

Delta R.T.: -0.004 min

Response: 2307333

Conc: 22.84 ug/ml



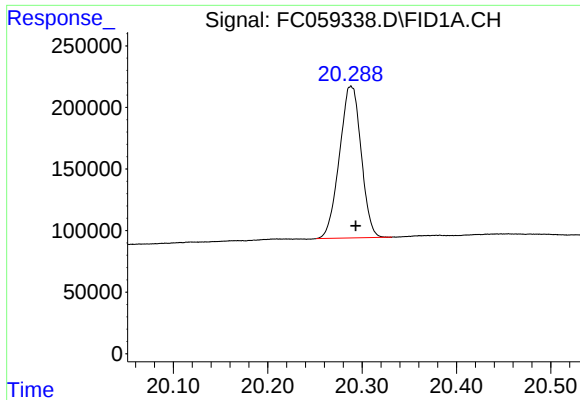
#20 n-Hexatriacontane (C36)

R.T.: 19.590 min

Delta R.T.: -0.004 min

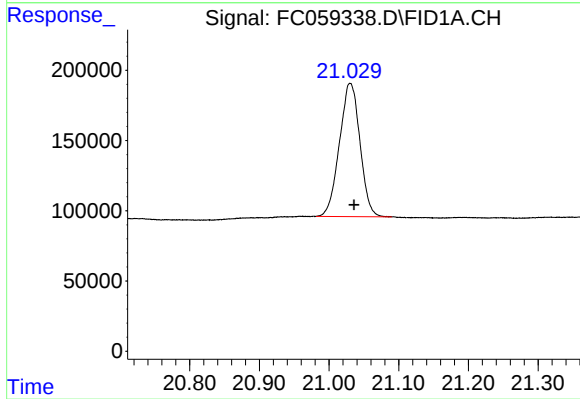
Response: 2106069

Conc: 22.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.288 min
Delta R.T.: -0.005 min
Response: 1962271
Conc: 21.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.031 min
Delta R.T.: -0.005 min
Response: 1937599
Conc: 20.85 ug/ml