

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042922AL\
 Data File : FC059537.D
 Signal(s) : FID1A.CH
 Acq On : 29 Apr 2022 10:40
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 29 23:03:35 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)	11.091	3355149	20.879 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
12) S 1-chlorooctadecane (S...	12.537	2635532	20.183 ug/ml
Spiked Amount 50.000		Recovery =	40.37%
Target Compounds			
1) T n-Nonane (C9)	2.959	2787400	22.241 ug/ml
2) T n-Decane (C10)	3.998	2819397	22.567 ug/ml
3) T A~Naphthalene (C11.7)	5.549	2933554	23.915 ug/ml
4) T n-Dodecane (C12)	5.995	2988304	22.661 ug/ml
5) T A~2-methylnaphthalene...	6.596	2981607	23.625 ug/ml
6) T n-Tetradecane (C14)	7.777	3067560	22.678 ug/ml
7) T n-Hexadecane (C16)	9.366	3134298	22.317 ug/ml
8) T n-Octadecane (C18)	10.799	3163402	21.656 ug/ml
10) T n-Eicosane (C20)	12.099	3102183	20.685 ug/ml
11) T n-Heneicosane (C21)	12.707	3078995	20.242 ug/ml
13) T n-Docosane (C22)	13.291	3063620	19.995 ug/ml
14) T n-Tetracosane (C24)	14.388	2952873	19.070 ug/ml
15) T n-Hexacosane (C26)	15.405	2822825	18.316 ug/ml
16) T n-Octacosane (C28)	16.351	2783694	17.982 ug/ml
17) T n-Tricontane (C30)	17.235	2724088	17.935 ug/ml
18) T n-Dotriacontane (C32)	18.063	2582001	18.325 ug/ml
19) T n-Tetratriacontane (C34)	18.843	2337368	18.494 ug/ml
20) T n-Hexatriacontane (C36)	19.581	2077700	18.996 ug/ml
21) T n-Octatriacontane (C38)	20.276	1900966	20.412 ug/mlm
22) T n-Tetracontane (C40)	21.020	1843947	22.076 ug/mlm

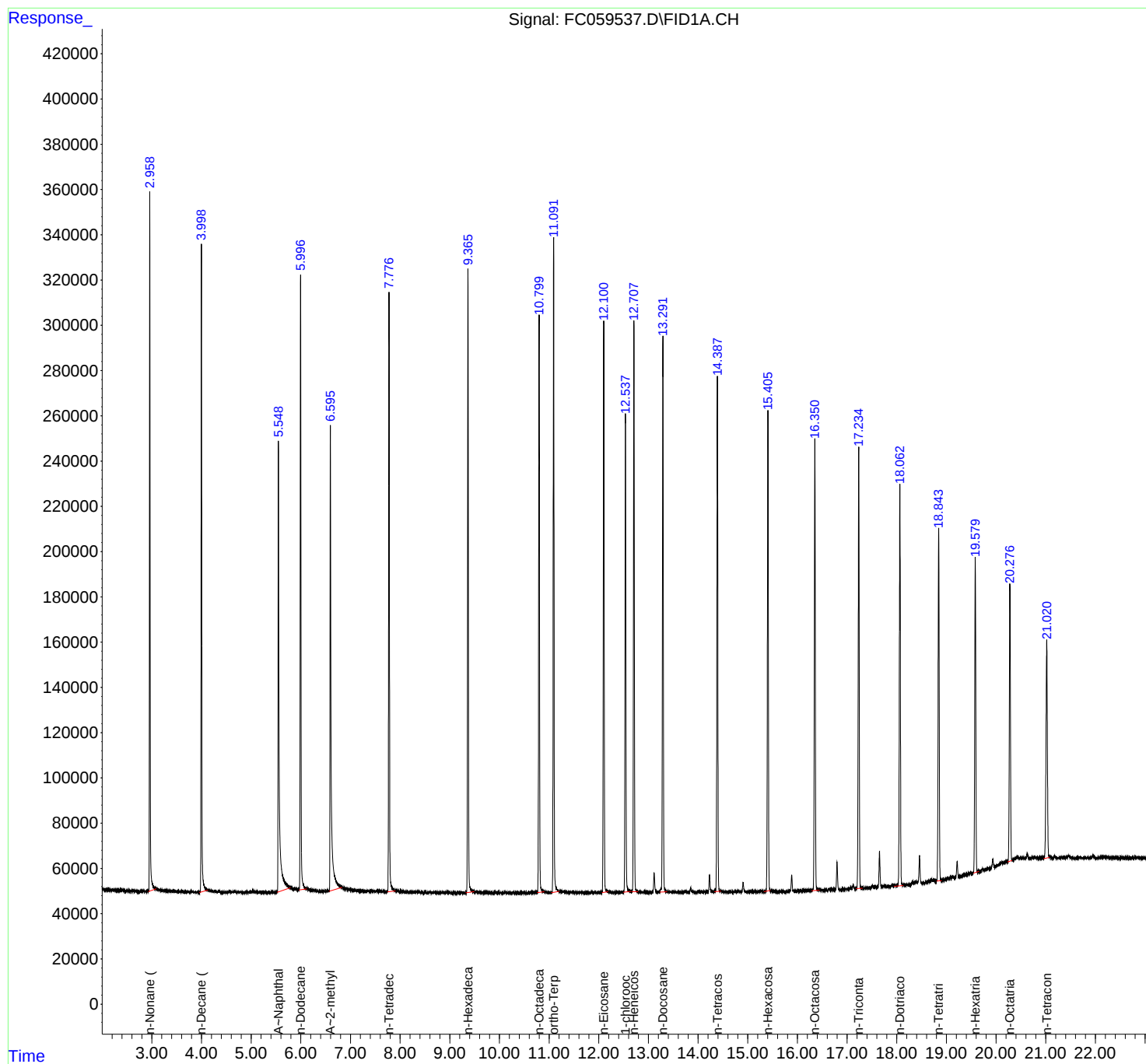
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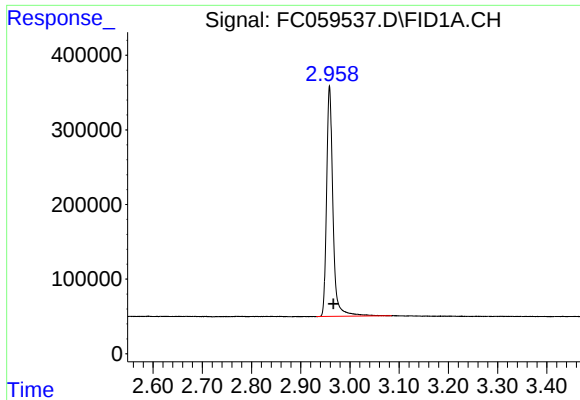
(m)=manual int.

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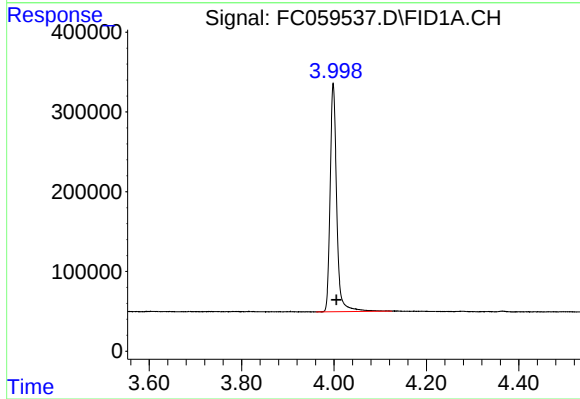
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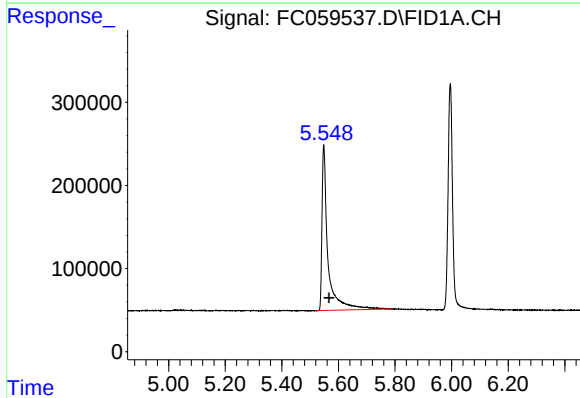
#1 n-Nonane (C9)

R.T.: 2.959 min
Delta R.T.: -0.007 min
Response: 2787400
Conc: 22.24 ug/ml



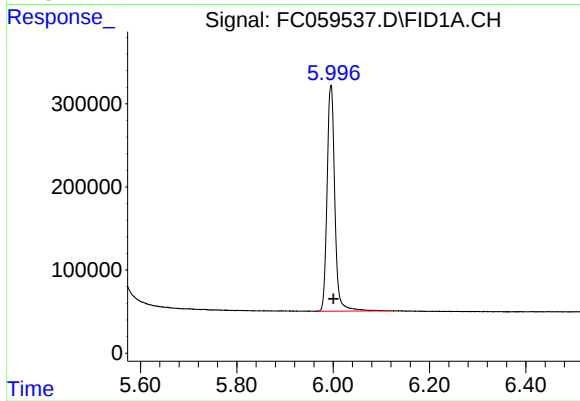
#2 n-Decane (C10)

R.T.: 3.998 min
Delta R.T.: -0.007 min
Response: 2819397
Conc: 22.57 ug/ml



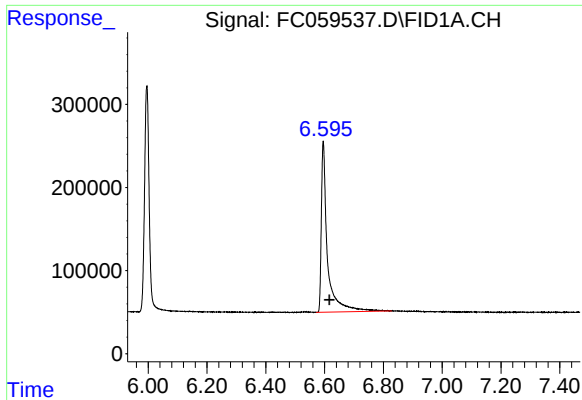
#3 A~Naphthalene (C11.7)

R.T.: 5.549 min
Delta R.T.: -0.018 min
Response: 2933554
Conc: 23.91 ug/ml



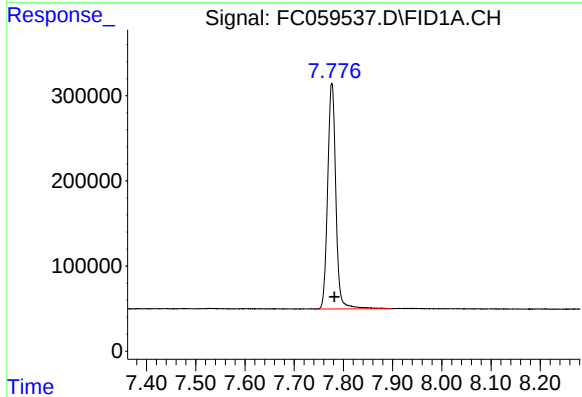
#4 n-Dodecane (C12)

R.T.: 5.995 min
Delta R.T.: -0.005 min
Response: 2988304
Conc: 22.66 ug/ml



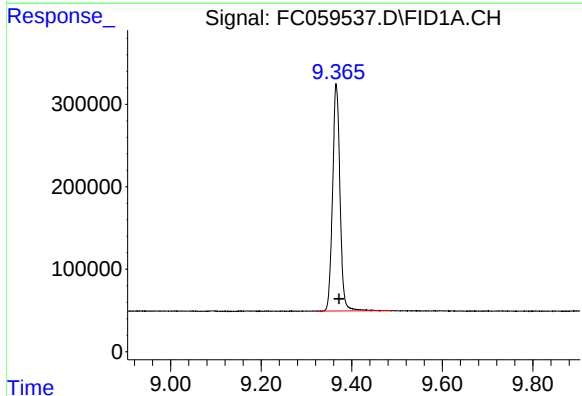
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.596 min
Delta R.T.: -0.020 min
Response: 2981607
Conc: 23.63 ug/ml



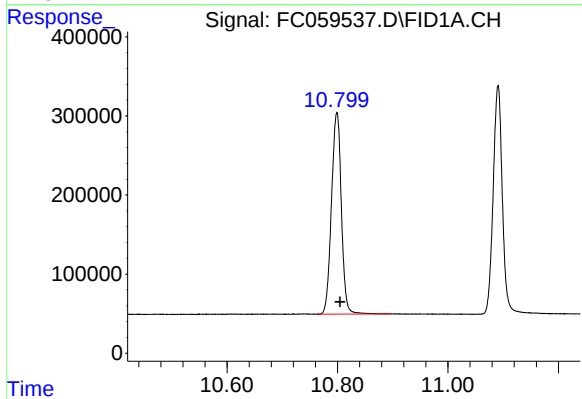
#6 n-Tetradecane (C14)

R.T.: 7.777 min
Delta R.T.: -0.005 min
Response: 3067560
Conc: 22.68 ug/ml



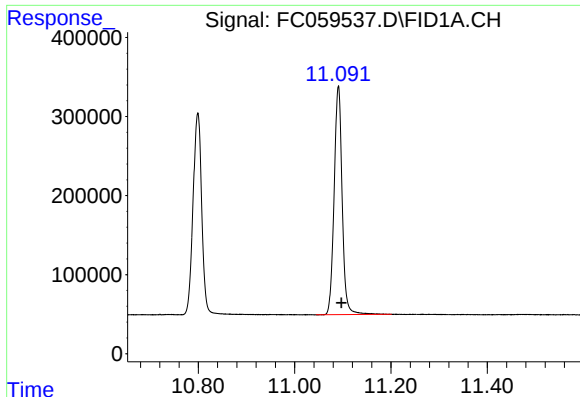
#7 n-Hexadecane (C16)

R.T.: 9.366 min
Delta R.T.: -0.006 min
Response: 3134298
Conc: 22.32 ug/ml



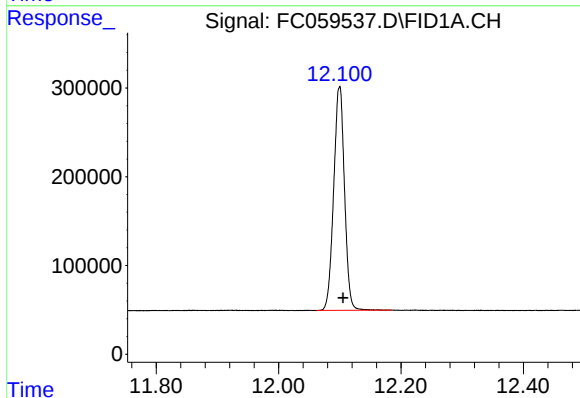
#8 n-Octadecane (C18)

R.T.: 10.799 min
Delta R.T.: -0.006 min
Response: 3163402
Conc: 21.66 ug/ml



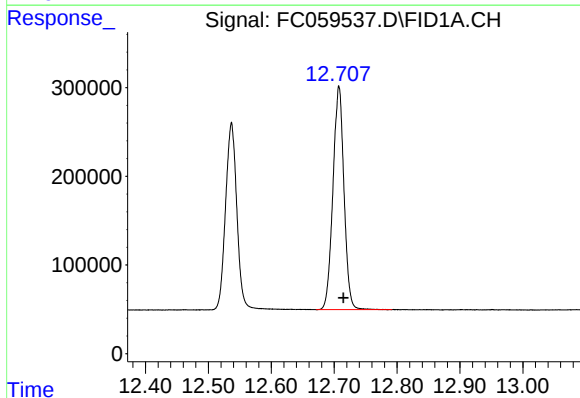
#9 ortho-Terphenyl (SURR)

R.T.: 11.091 min
Delta R.T.: -0.006 min
Response: 3355149
Conc: 20.88 ug/ml



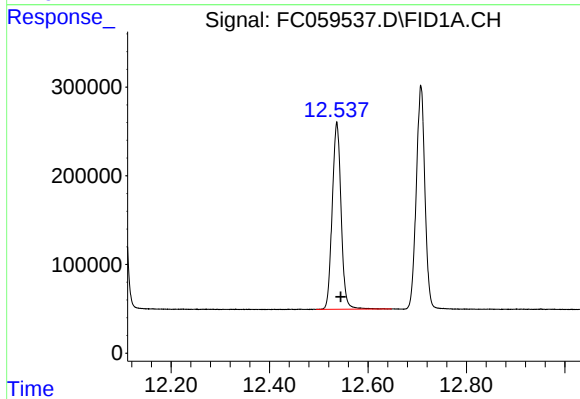
#10 n-Eicosane (C20)

R.T.: 12.099 min
Delta R.T.: -0.006 min
Response: 3102183
Conc: 20.69 ug/ml



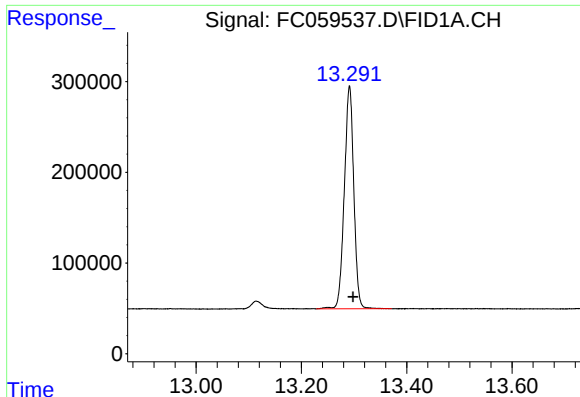
#11 n-Heneicosane (C21)

R.T.: 12.707 min
Delta R.T.: -0.007 min
Response: 3078995
Conc: 20.24 ug/ml



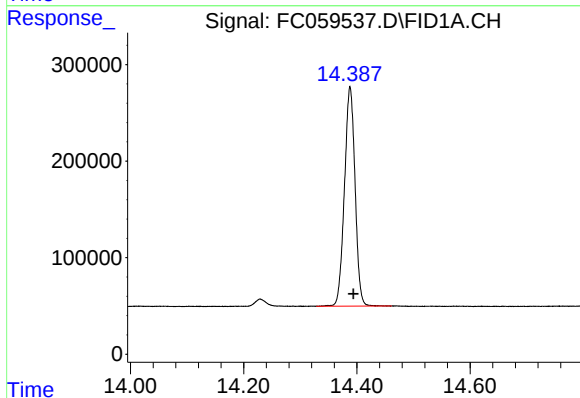
#12 1-chlorooctadecane (SURR)

R.T.: 12.537 min
Delta R.T.: -0.008 min
Response: 2635532
Conc: 20.18 ug/ml



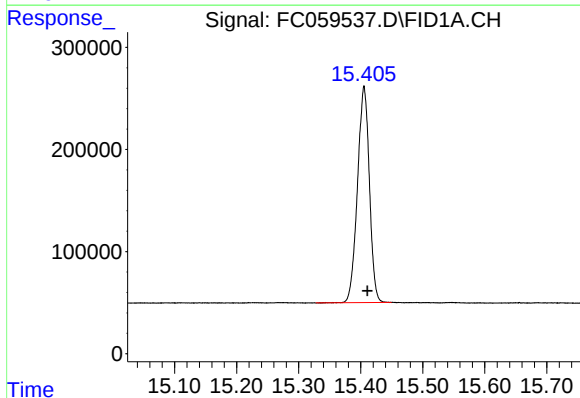
#13 n-Docosane (C22)

R.T.: 13.291 min
Delta R.T.: -0.007 min
Response: 3063620
Conc: 19.99 ug/ml



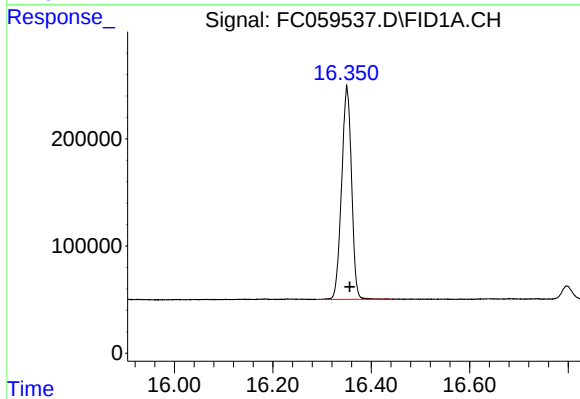
#14 n-Tetracosane (C24)

R.T.: 14.388 min
Delta R.T.: -0.006 min
Response: 2952873
Conc: 19.07 ug/ml



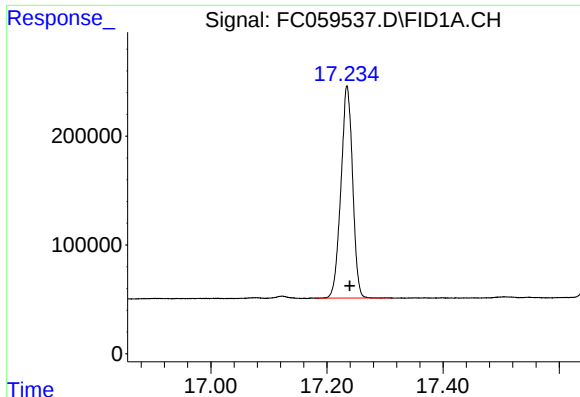
#15 n-Hexacosane (C26)

R.T.: 15.405 min
Delta R.T.: -0.006 min
Response: 2822825
Conc: 18.32 ug/ml



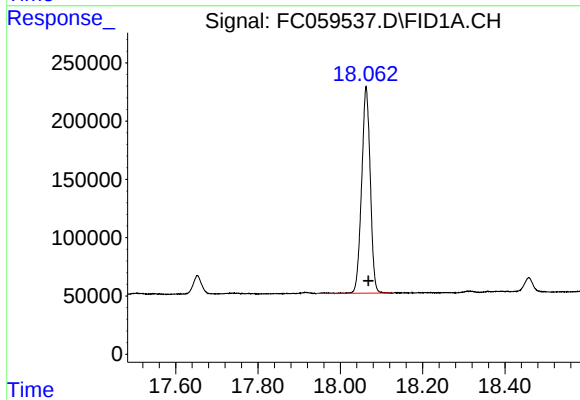
#16 n-Octacosane (C28)

R.T.: 16.351 min
Delta R.T.: -0.005 min
Response: 2783694
Conc: 17.98 ug/ml



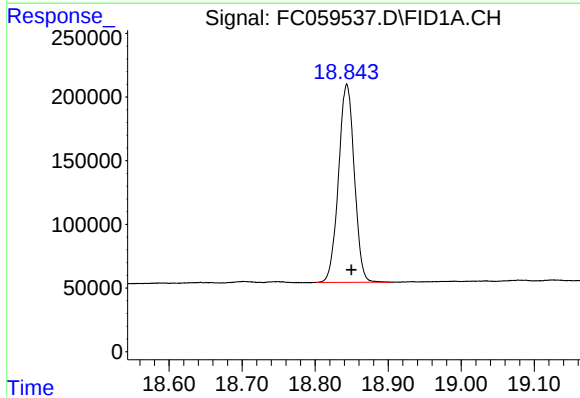
#17 n-Tricontane (C30)

R.T.: 17.235 min
Delta R.T.: -0.004 min
Response: 2724088
Conc: 17.93 ug/ml



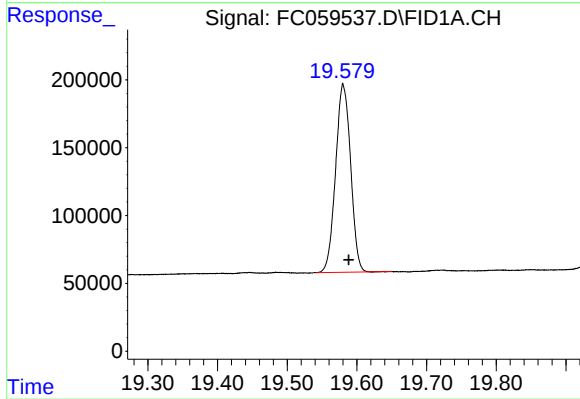
#18 n-Dotriacontane (C32)

R.T.: 18.063 min
Delta R.T.: -0.005 min
Response: 2582001
Conc: 18.32 ug/ml



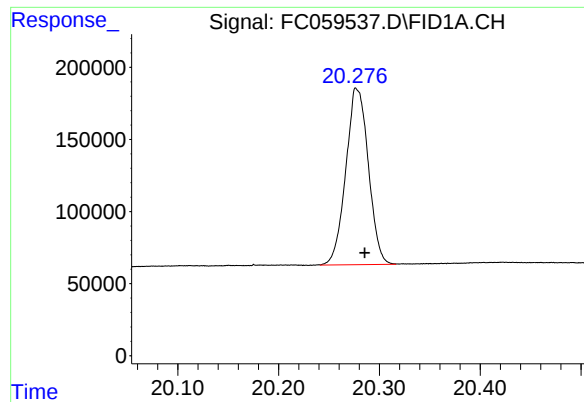
#19 n-Tetratriacontane (C34)

R.T.: 18.843 min
Delta R.T.: -0.006 min
Response: 2337368
Conc: 18.49 ug/ml



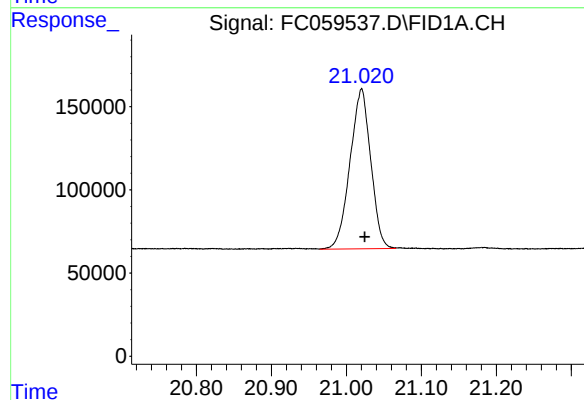
#20 n-Hexatriacontane (C36)

R.T.: 19.581 min
Delta R.T.: -0.008 min
Response: 2077700
Conc: 19.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.276 min
Delta R.T.: -0.010 min
Response: 1900966
Conc: 20.41 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.020 min
Delta R.T.: -0.004 min
Response: 1843947
Conc: 22.08 ug/ml m