

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030422AL\
 Data File : FC058589.D
 Signal(s) : FID1A.CH
 Acq On : 04 Mar 2022 22:06
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 04 22:38:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.399	2639021	18.119 ug/ml
Spiked Amount 50.000		Recovery =	36.24%
12) S 1-chlorooctadecane (S...	12.832	2046062	18.051 ug/ml
Spiked Amount 50.000		Recovery =	36.10%
Target Compounds			
1) T n-Nonane (C9)	3.252	2430236	20.209 ug/ml
2) T n-Decane (C10)	4.302	2433985	20.454 ug/ml
3) T A~Naphthalene (C11.7)	5.864	2607520	20.091 ug/ml
4) T n-Dodecane (C12)	6.298	2484462	20.196 ug/ml
5) T A~2-methylnaphthalene...	6.909	2599669	19.941 ug/ml
6) T n-Tetradecane (C14)	8.076	2494231	19.905 ug/ml
7) T n-Hexadecane (C16)	9.662	2507862	19.474 ug/ml
8) T n-Octadecane (C18)	11.093	2487993	18.907 ug/ml
10) T n-Eicosane (C20)	12.394	2417113	18.381 ug/ml
11) T n-Heneicosane (C21)	13.001	2374352	17.966 ug/ml
13) T n-Docosane (C22)	13.583	2393317	18.358 ug/ml
14) T n-Tetracosane (C24)	14.679	2434340	18.851 ug/ml
15) T n-Hexacosane (C26)	15.694	2403765	19.432 ug/ml
16) T n-Octacosane (C28)	16.638	2472984	20.775 ug/mlm
17) T n-Tricontane (C30)	17.522	2614932	23.231 ug/ml
18) T n-Dotriacontane (C32)	18.353	2573970	23.937 ug/ml
19) T n-Tetratriacontane (C34)	19.131	2277008	23.501 ug/ml
20) T n-Hexatriacontane (C36)	19.869	2113646	23.429 ug/ml
21) T n-Octatriacontane (C38)	20.573	2118564	24.345 ug/mlm
22) T n-Tetracontane (C40)	21.404	1879699	22.399 ug/mlm

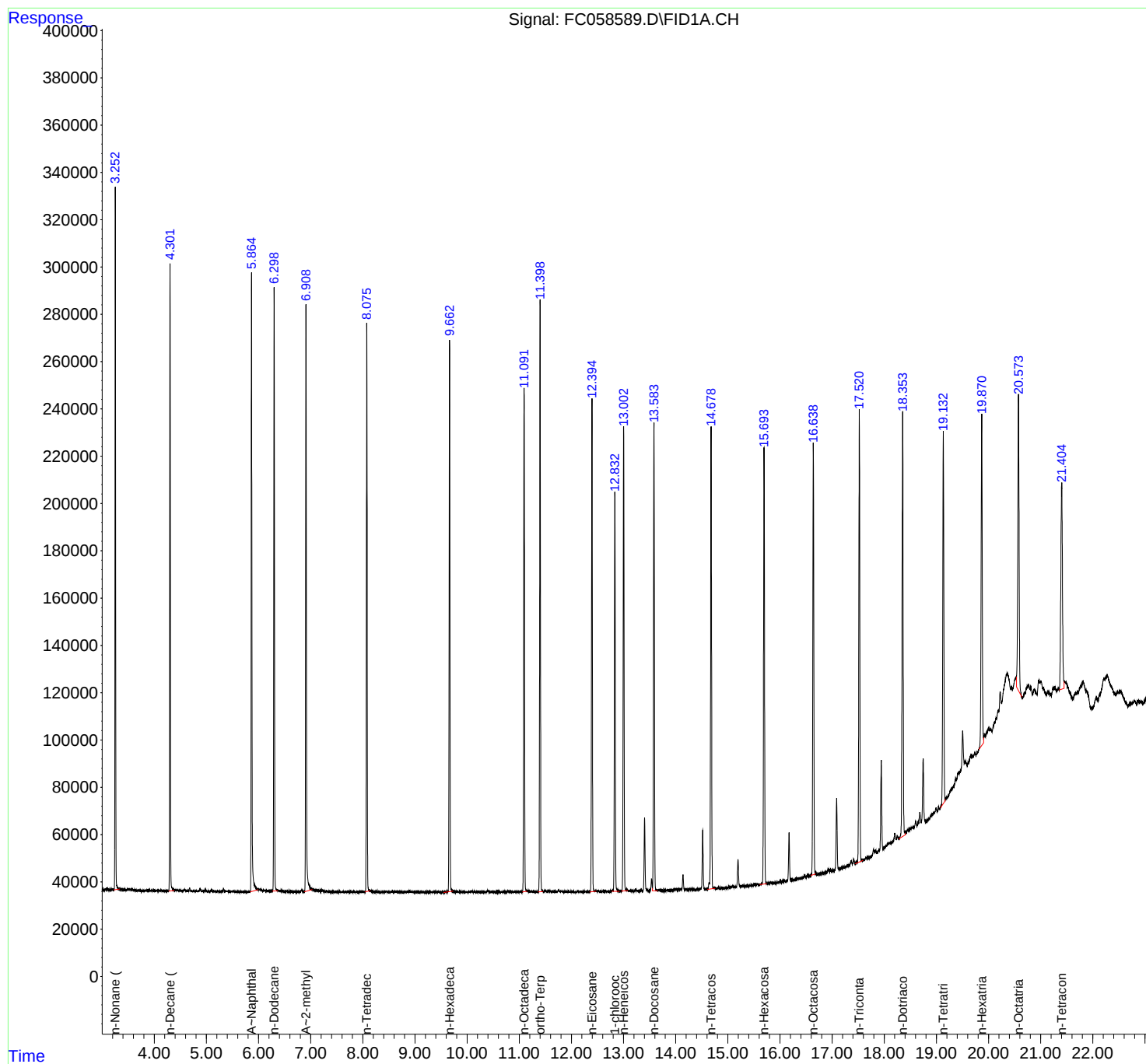
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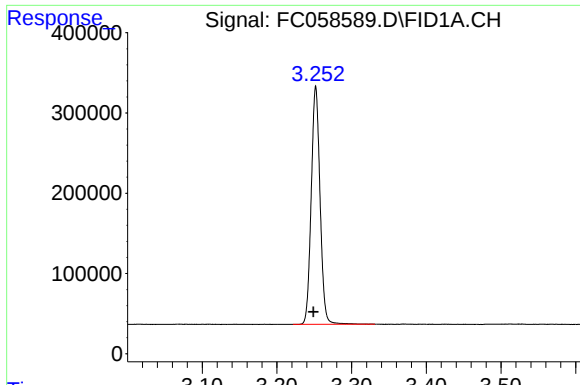
(m)=manual int.

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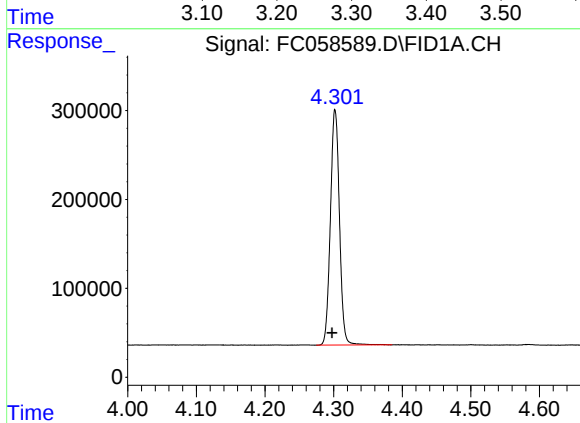
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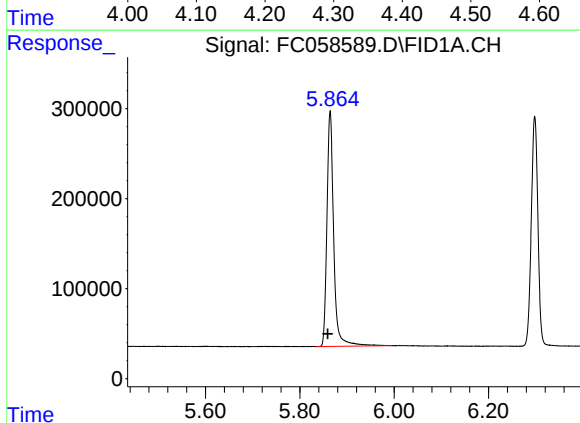
#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: 0.003 min
Response: 2430236
Conc: 20.21 ug/ml



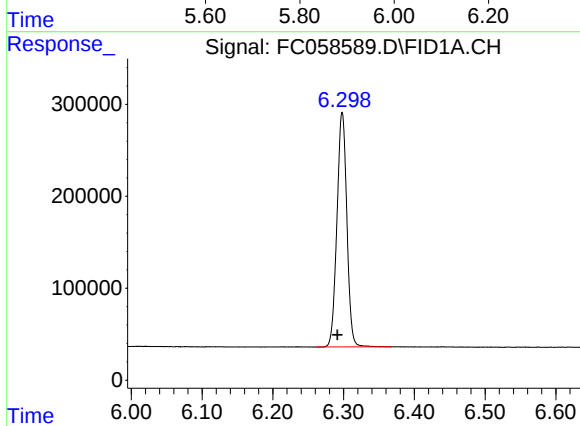
#2 n-Decane (C10)

R.T.: 4.302 min
Delta R.T.: 0.005 min
Response: 2433985
Conc: 20.45 ug/ml



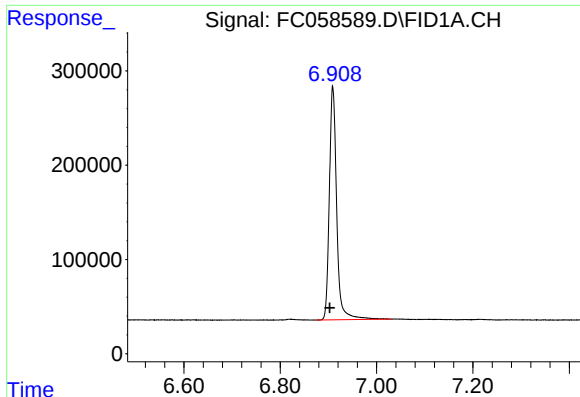
#3 A~Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: 0.005 min
Response: 2607520
Conc: 20.09 ug/ml



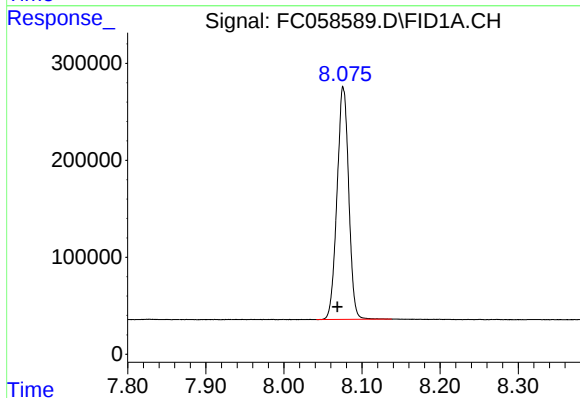
#4 n-Dodecane (C12)

R.T.: 6.298 min
Delta R.T.: 0.007 min
Response: 2484462
Conc: 20.20 ug/ml



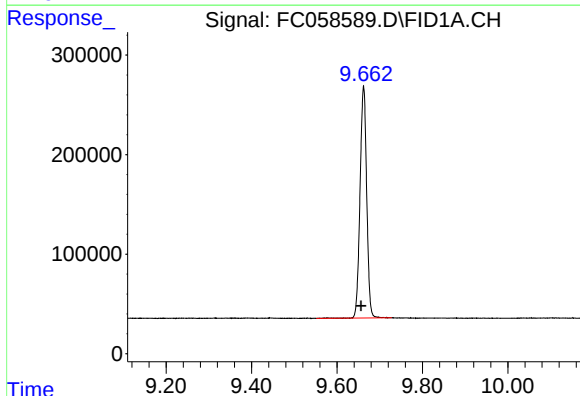
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.909 min
Delta R.T.: 0.006 min
Response: 2599669
Conc: 19.94 ug/ml



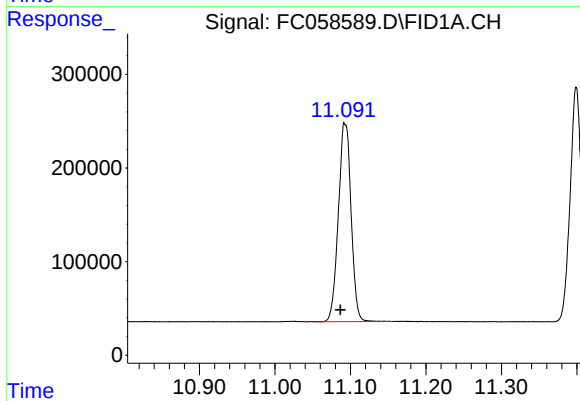
#6 n-Tetradecane (C14)

R.T.: 8.076 min
Delta R.T.: 0.007 min
Response: 2494231
Conc: 19.90 ug/ml



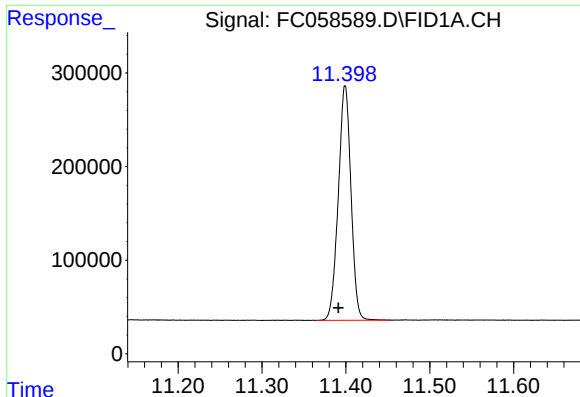
#7 n-Hexadecane (C16)

R.T.: 9.662 min
Delta R.T.: 0.006 min
Response: 2507862
Conc: 19.47 ug/ml



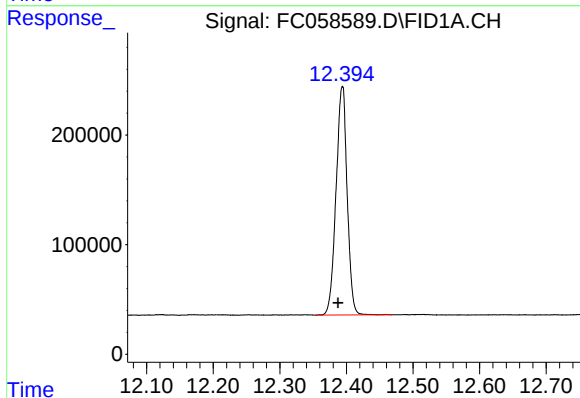
#8 n-Octadecane (C18)

R.T.: 11.093 min
Delta R.T.: 0.007 min
Response: 2487993
Conc: 18.91 ug/ml



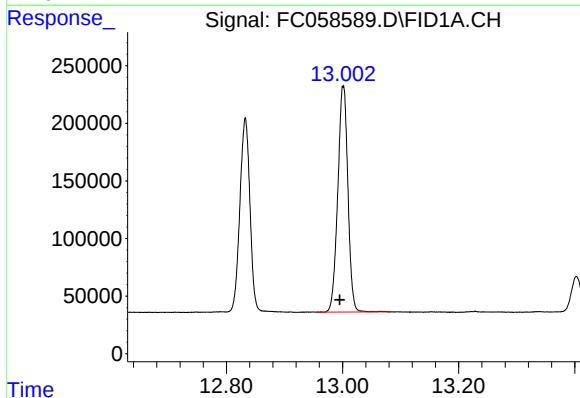
#9 ortho-Terphenyl (SURR)

R.T.: 11.399 min
Delta R.T.: 0.008 min
Response: 2639021
Conc: 18.12 ug/ml



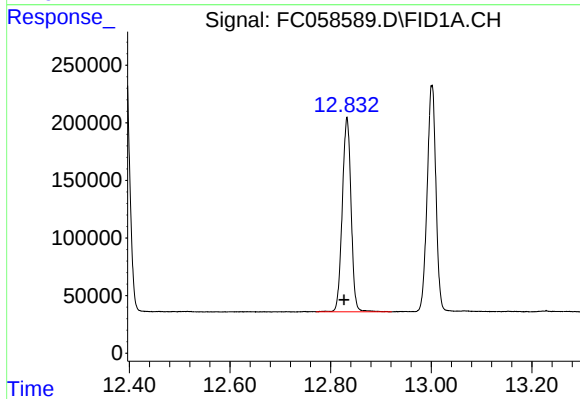
#10 n-Eicosane (C20)

R.T.: 12.394 min
Delta R.T.: 0.006 min
Response: 2417113
Conc: 18.38 ug/ml



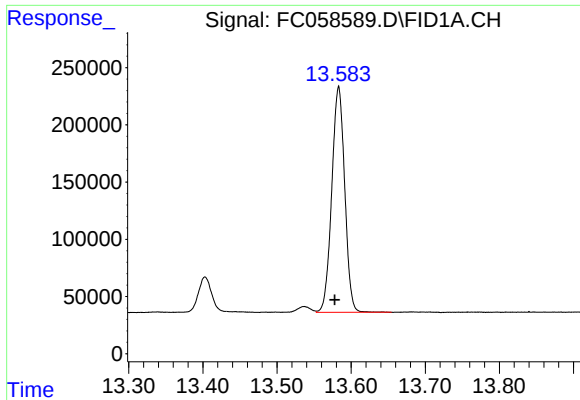
#11 n-Heneicosane (C21)

R.T.: 13.001 min
Delta R.T.: 0.006 min
Response: 2374352
Conc: 17.97 ug/ml



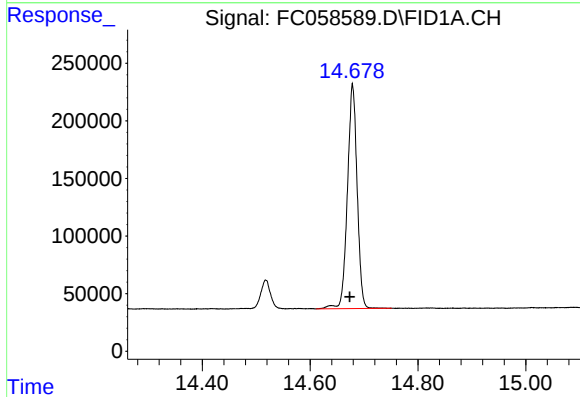
#12 1-chlorooctadecane (SURR)

R.T.: 12.832 min
Delta R.T.: 0.006 min
Response: 2046062
Conc: 18.05 ug/ml



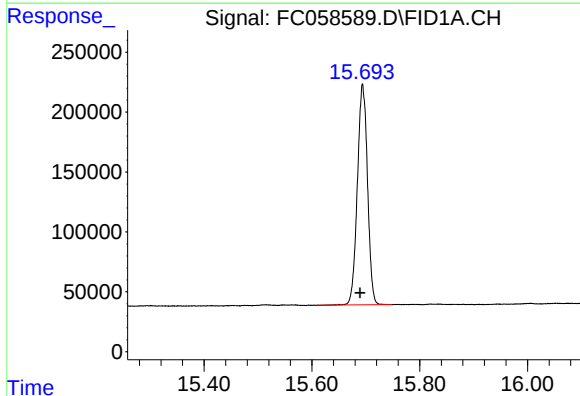
#13 n-Docosane (C22)

R.T.: 13.583 min
Delta R.T.: 0.005 min
Response: 2393317
Conc: 18.36 ug/ml



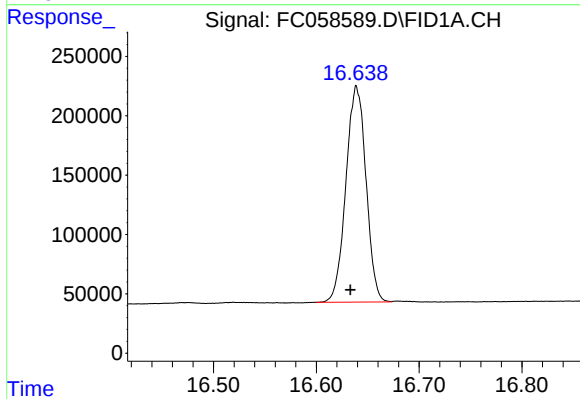
#14 n-Tetracosane (C24)

R.T.: 14.679 min
Delta R.T.: 0.005 min
Response: 2434340
Conc: 18.85 ug/ml



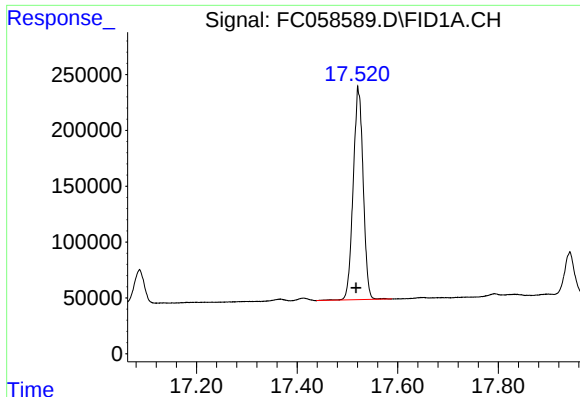
#15 n-Hexacosane (C26)

R.T.: 15.694 min
Delta R.T.: 0.005 min
Response: 2403765
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.638 min
Delta R.T.: 0.005 min
Response: 2472984
Conc: 20.78 ug/ml m



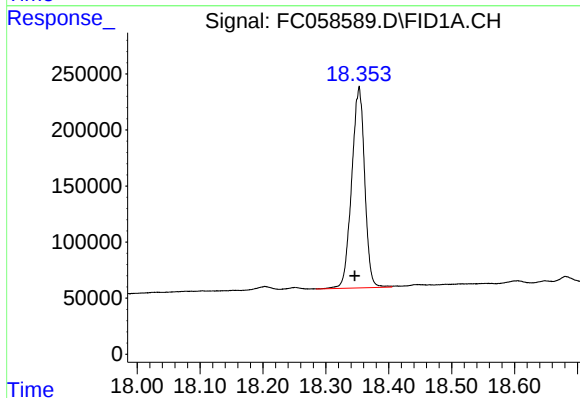
#17 n-Tricontane (C30)

R.T.: 17.522 min

Delta R.T.: 0.005 min

Response: 2614932

Conc: 23.23 ug/ml



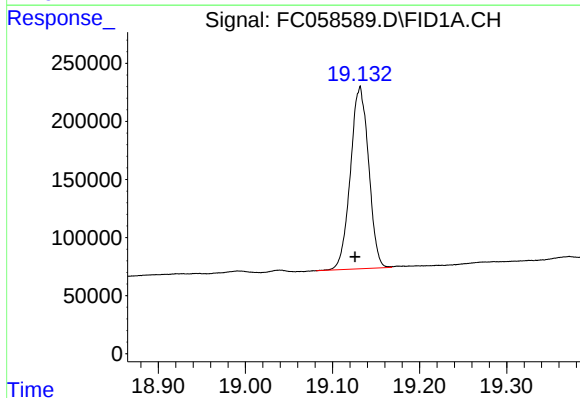
#18 n-Dotriacontane (C32)

R.T.: 18.353 min

Delta R.T.: 0.007 min

Response: 2573970

Conc: 23.94 ug/ml



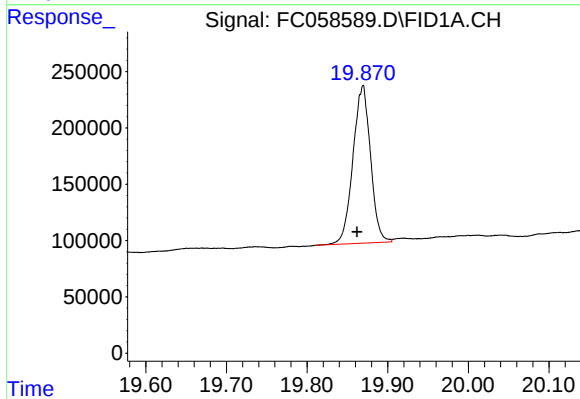
#19 n-Tetratriacontane (C34)

R.T.: 19.131 min

Delta R.T.: 0.005 min

Response: 2277008

Conc: 23.50 ug/ml



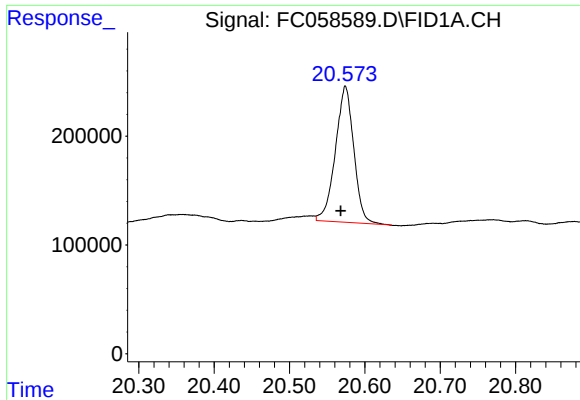
#20 n-Hexatriacontane (C36)

R.T.: 19.869 min

Delta R.T.: 0.006 min

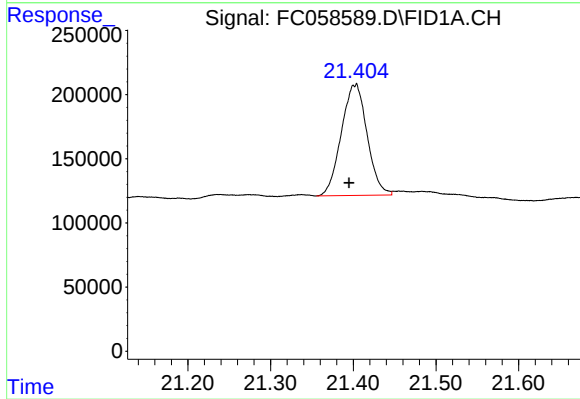
Response: 2113646

Conc: 23.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.573 min
Delta R.T.: 0.006 min
Response: 2118564
Conc: 24.34 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.404 min
Delta R.T.: 0.009 min
Response: 1879699
Conc: 22.40 ug/ml m