

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052322AL\
 Data File : FC059886.D
 Signal(s) : FID1A.CH
 Acq On : 23 May 2022 12:17
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 23 14:41:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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)	10.646	3096679	21.088 ug/ml
Spiked Amount 50.000		Recovery =	42.18%
12) S 1-chlorooctadecane (S...	12.016	2416887	21.002 ug/ml
Spiked Amount 50.000		Recovery =	42.00%
Target Compounds			
1) T n-Nonane (C9)	2.627	2889588	22.627 ug/ml
2) T n-Decane (C10)	3.625	2889133	22.813 ug/ml
3) T A~Naphthalene (C11.7)	5.160	3261960	22.153 ug/ml
4) T n-Dodecane (C12)	5.578	2965449	22.549 ug/ml
5) T A~2-methylnaphthalene...	6.184	3302564	21.970 ug/ml
6) T n-Tetradecane (C14)	7.329	2982480	22.165 ug/ml
7) T n-Hexadecane (C16)	8.893	2989050	21.784 ug/ml
8) T n-Octadecane (C18)	10.302	2951160	21.415 ug/ml
10) T n-Eicosane (C20)	11.582	2846786	21.166 ug/ml
11) T n-Heneicosane (C21)	12.180	2807264	21.043 ug/ml
13) T n-Docosane (C22)	12.754	2754205	20.986 ug/ml
14) T n-Tetracosane (C24)	13.831	2691464	21.391 ug/ml
15) T n-Hexacosane (C26)	14.828	2548902	21.342 ug/ml
16) T n-Octacosane (C28)	15.756	2479900	21.783 ug/ml
17) T n-Tricontane (C30)	16.624	2437479	22.174 ug/ml
18) T n-Dotriacontane (C32)	17.435	2292094	22.171 ug/mlm
19) T n-Tetratriacontane (C34)	18.201	2053811	21.036 ug/mlm
20) T n-Hexatriacontane (C36)	18.922	1758587	18.943 ug/mlm
21) T n-Octatriacontane (C38)	19.605	1675789	17.604 ug/mlm
22) T n-Tetracontane (C40)	20.252	1430908	15.116 ug/mlm

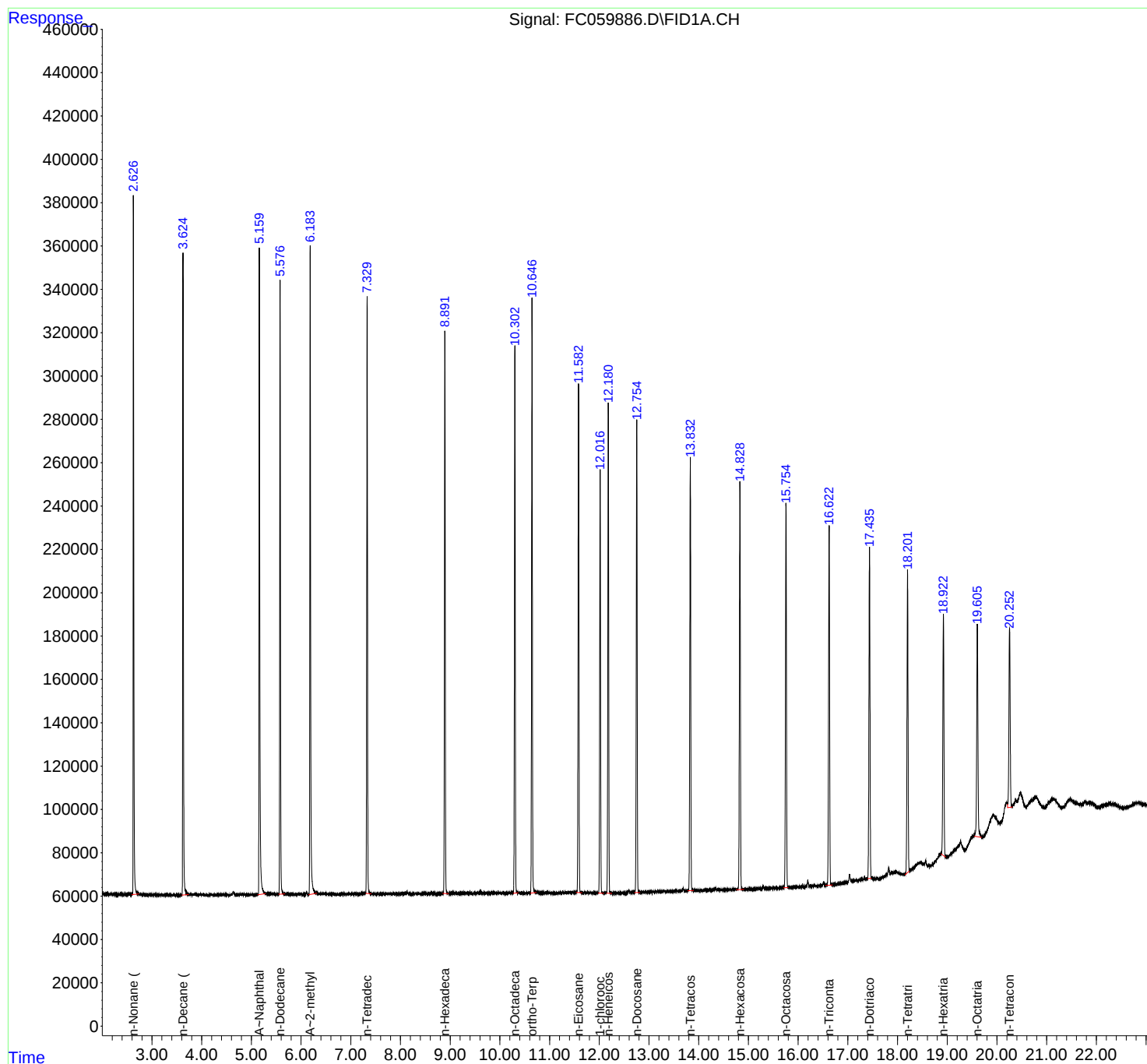
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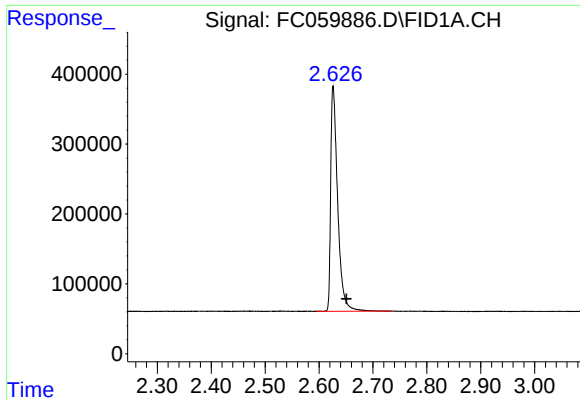
(m)=manual int.

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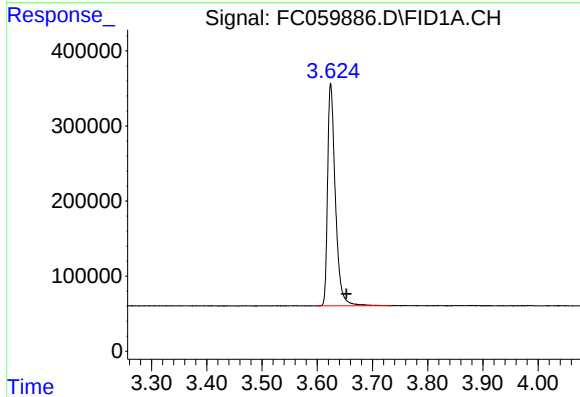
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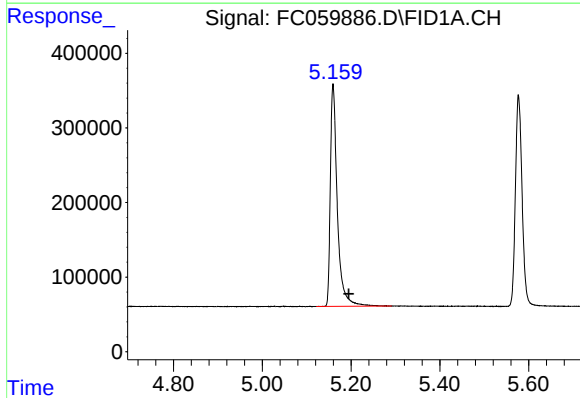
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: -0.024 min
Response: 2889588
Conc: 22.63 ug/ml



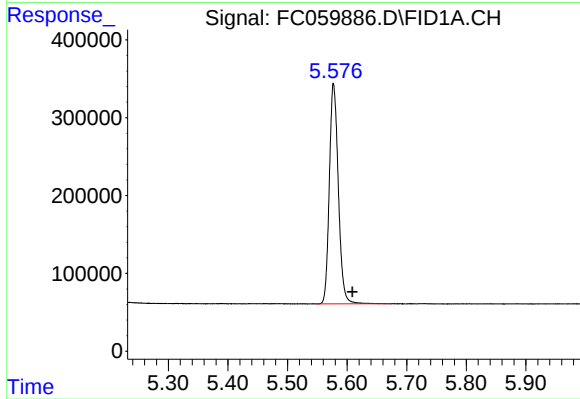
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.028 min
Response: 2889133
Conc: 22.81 ug/ml



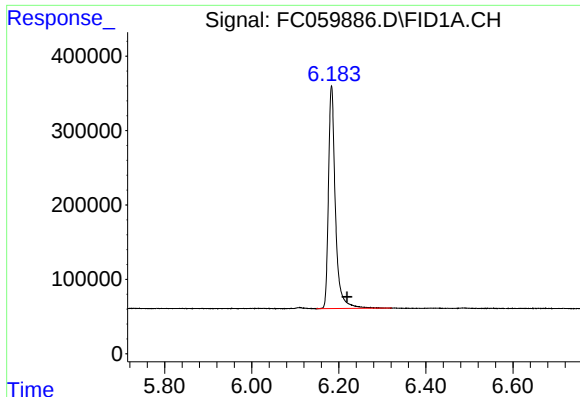
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min
Delta R.T.: -0.035 min
Response: 3261960
Conc: 22.15 ug/ml



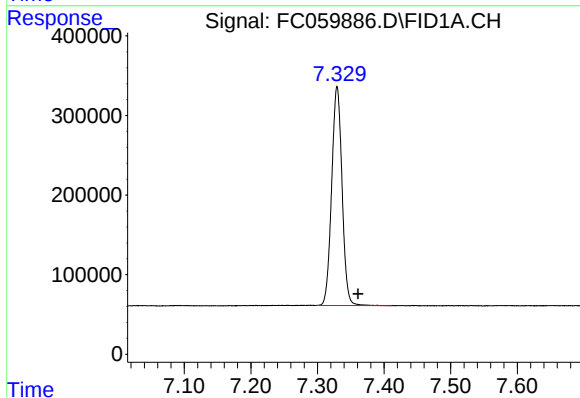
#4 n-Dodecane (C12)

R.T.: 5.578 min
Delta R.T.: -0.031 min
Response: 2965449
Conc: 22.55 ug/ml



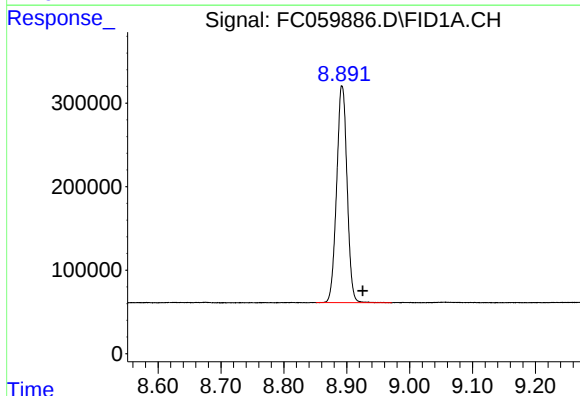
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.184 min
Delta R.T.: -0.036 min
Response: 3302564
Conc: 21.97 ug/ml



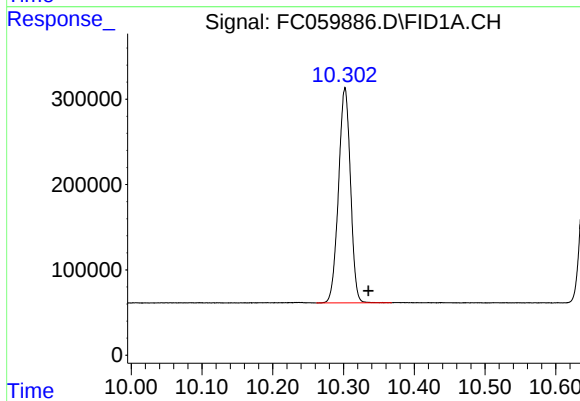
#6 n-Tetradecane (C14)

R.T.: 7.329 min
Delta R.T.: -0.031 min
Response: 2982480
Conc: 22.16 ug/ml



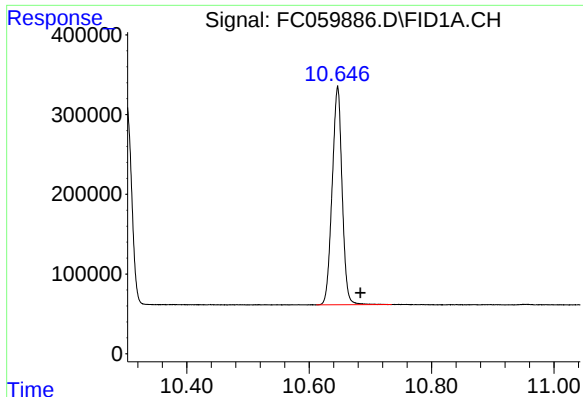
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.033 min
Response: 2989050
Conc: 21.78 ug/ml



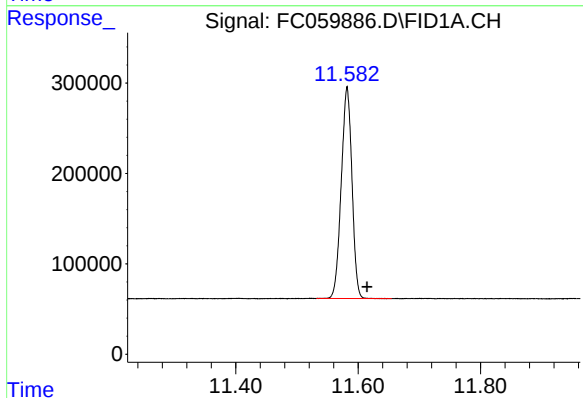
#8 n-Octadecane (C18)

R.T.: 10.302 min
Delta R.T.: -0.033 min
Response: 2951160
Conc: 21.42 ug/ml



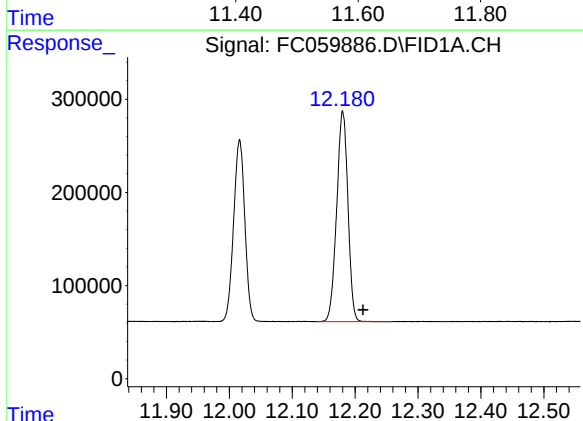
#9 ortho-Terphenyl (SURR)

R.T.: 10.646 min
Delta R.T.: -0.037 min
Response: 3096679
Conc: 21.09 ug/ml



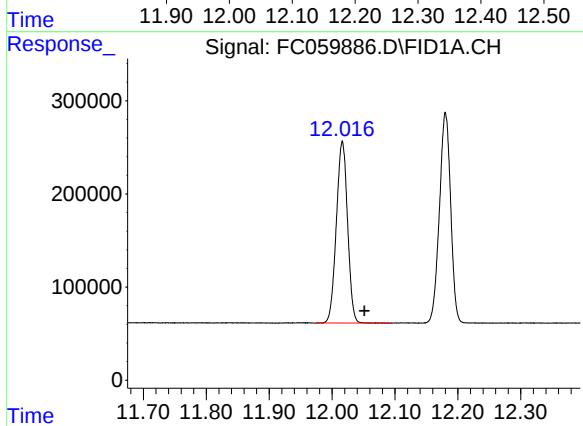
#10 n-Eicosane (C20)

R.T.: 11.582 min
Delta R.T.: -0.033 min
Response: 2846786
Conc: 21.17 ug/ml



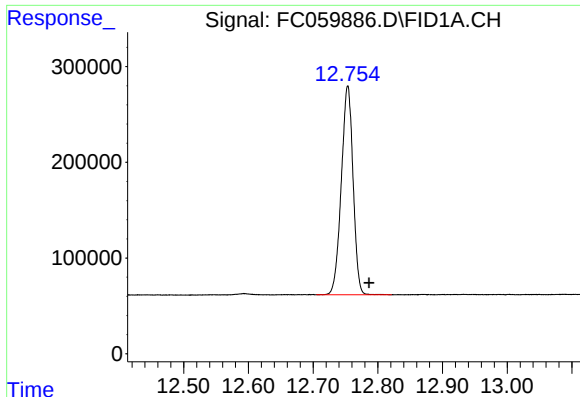
#11 n-Heneicosane (C21)

R.T.: 12.180 min
Delta R.T.: -0.033 min
Response: 2807264
Conc: 21.04 ug/ml



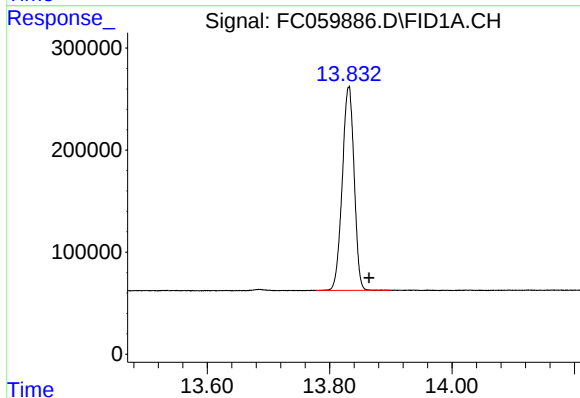
#12 1-chlorooctadecane (SURR)

R.T.: 12.016 min
Delta R.T.: -0.035 min
Response: 2416887
Conc: 21.00 ug/ml



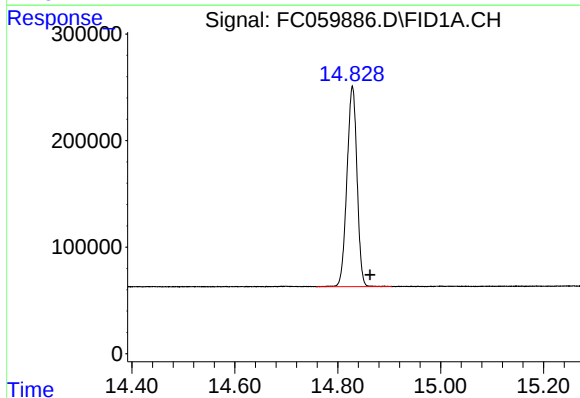
#13 n-Docosane (C22)

R.T.: 12.754 min
Delta R.T.: -0.033 min
Response: 2754205
Conc: 20.99 ug/ml



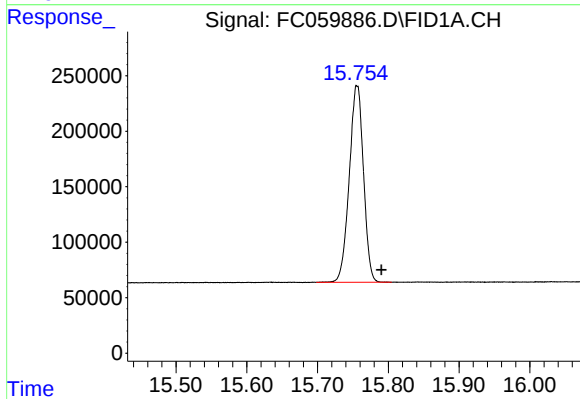
#14 n-Tetracosane (C24)

R.T.: 13.831 min
Delta R.T.: -0.034 min
Response: 2691464
Conc: 21.39 ug/ml



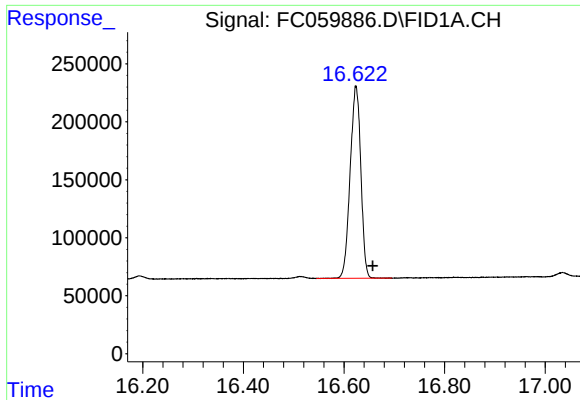
#15 n-Hexacosane (C26)

R.T.: 14.828 min
Delta R.T.: -0.034 min
Response: 2548902
Conc: 21.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.756 min
Delta R.T.: -0.035 min
Response: 2479900
Conc: 21.78 ug/ml



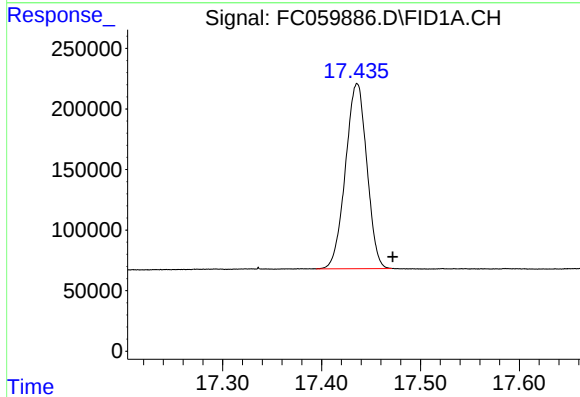
#17 n-Tricontane (C30)

R.T.: 16.624 min

Delta R.T.: -0.033 min

Response: 2437479

Conc: 22.17 ug/ml



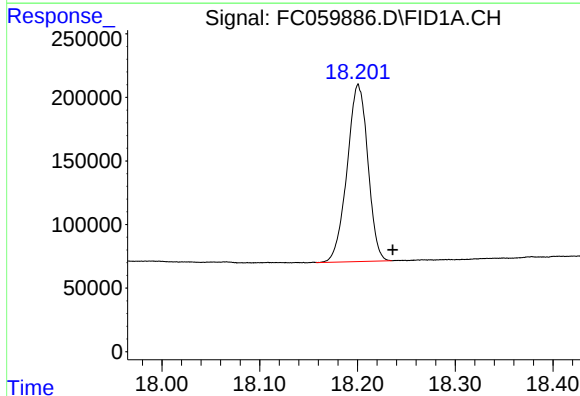
#18 n-Dotriacontane (C32)

R.T.: 17.435 min

Delta R.T.: -0.037 min

Response: 2292094

Conc: 22.17 ug/ml m



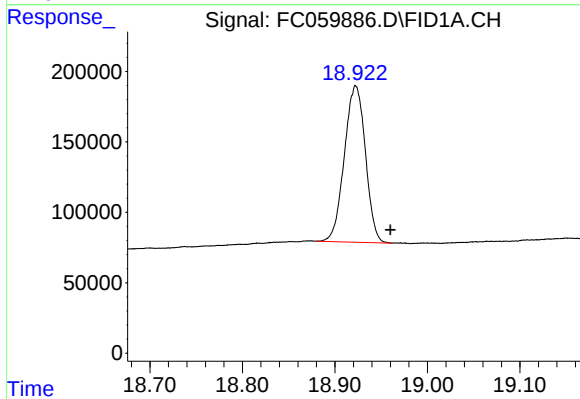
#19 n-Tetratriacontane (C34)

R.T.: 18.201 min

Delta R.T.: -0.035 min

Response: 2053811

Conc: 21.04 ug/ml m



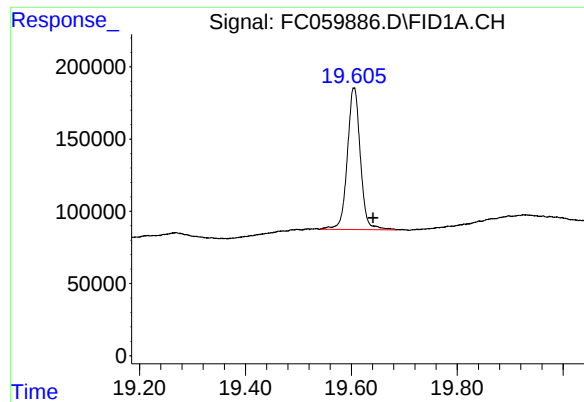
#20 n-Hexatriacontane (C36)

R.T.: 18.922 min

Delta R.T.: -0.038 min

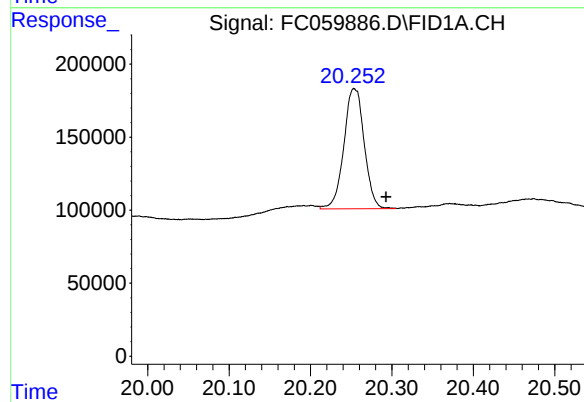
Response: 1758587

Conc: 18.94 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.605 min
Delta R.T.: -0.036 min
Response: 1675789
Conc: 17.60 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.252 min
Delta R.T.: -0.041 min
Response: 1430908
Conc: 15.12 ug/ml m