

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051421AL\
 Data File : FC053761.D
 Signal(s) : FID1A.CH
 Acq On : 15 May 2021 14:50
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 17 01:01:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 2021
 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)	11.522	2671090	19.293 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
12) S 1-chlorooctadecane (S...	12.963	2091640	18.753 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
Target Compounds			
1) T n-Nonane (C9)	3.284	2465332	20.873 ug/ml
2) T n-Decane (C10)	4.348	2551966	21.551 ug/ml
3) T A~Naphthalene (C11.7)	5.931	2792739	21.433 ug/ml
4) T n-Dodecane (C12)	6.366	2619203	21.646 ug/ml
5) T A~2-methylnaphthalene...	6.989	2850249	21.558 ug/ml
6) T n-Tetradecane (C14)	8.163	2620111	21.509 ug/ml
7) T n-Hexadecane (C16)	9.765	2580451	21.069 ug/ml
8) T n-Octadecane (C18)	11.208	2625901	20.163 ug/ml
10) T n-Eicosane (C20)	12.519	2562628	19.361 ug/ml
11) T n-Heneicosane (C21)	13.131	2507351	18.879 ug/ml
13) T n-Docosane (C22)	13.718	2468334	18.557 ug/ml
14) T n-Tetracosane (C24)	14.822	2368829	17.746 ug/ml
15) T n-Hexacosane (C26)	15.844	2247831	17.002 ug/ml
16) T n-Octacosane (C28)	16.796	2183775	16.682 ug/ml
17) T n-Tricontane (C30)	17.684	2196391	16.840 ug/ml
18) T n-Dotriacontane (C32)	18.517	2152168	17.056 ug/ml
19) T n-Tetratriacontane (C34)	19.302	2117262	17.377 ug/ml
20) T n-Hexatriacontane (C36)	20.043	2076583	17.761 ug/ml
21) T n-Octatriacontane (C38)	20.772	1938993	18.849 ug/ml
22) T n-Tetracontane (C40)	21.665	1966109	19.731 ug/ml

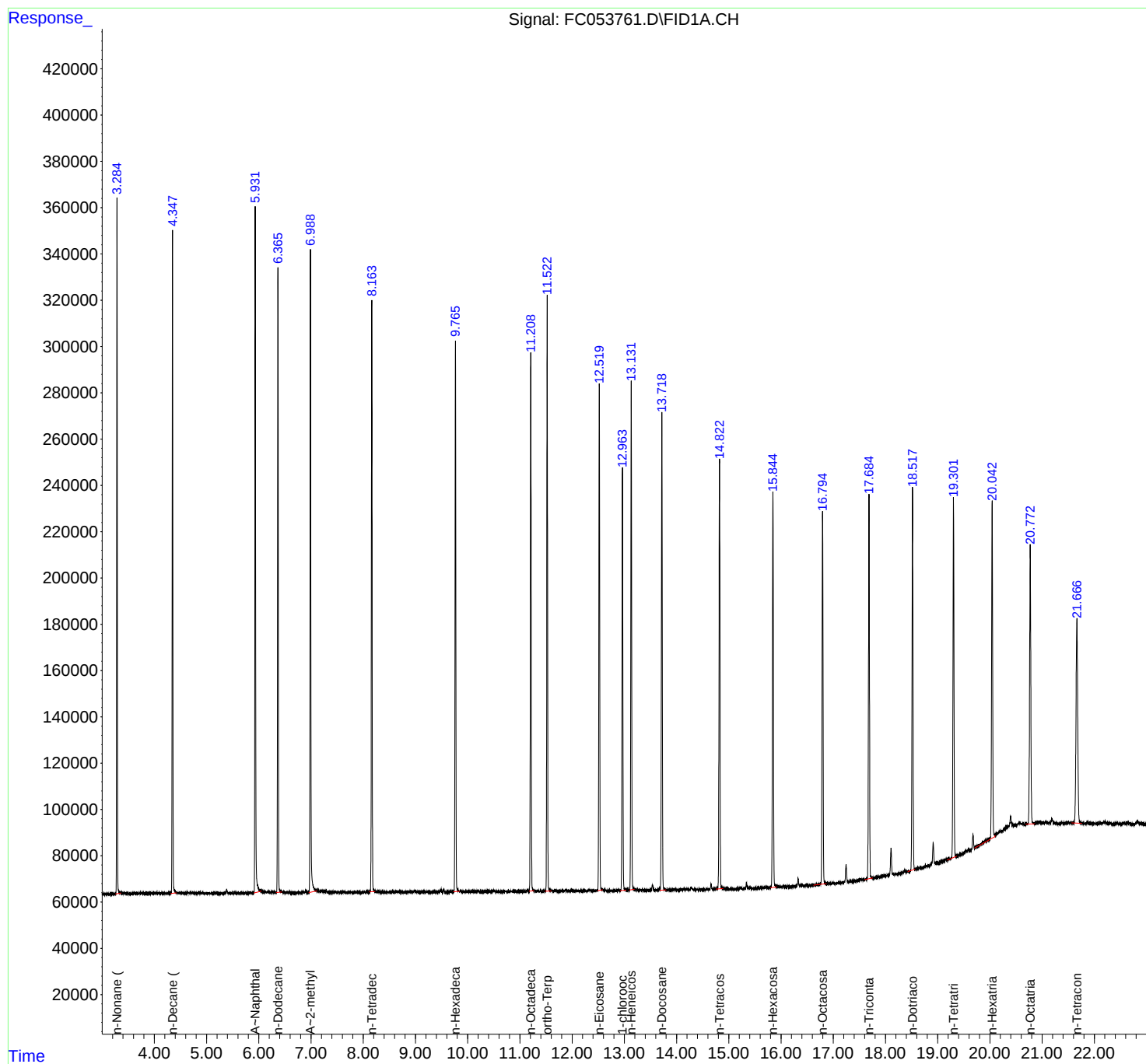
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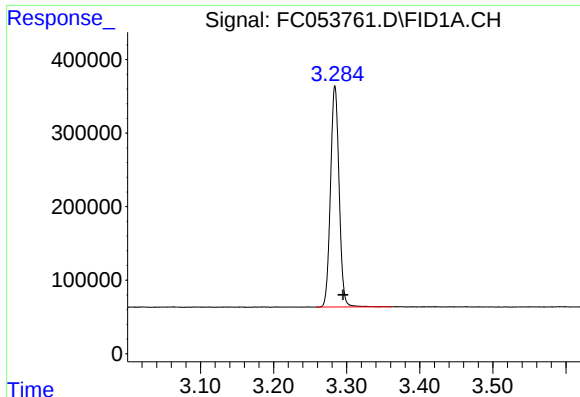
(m)=manual int.

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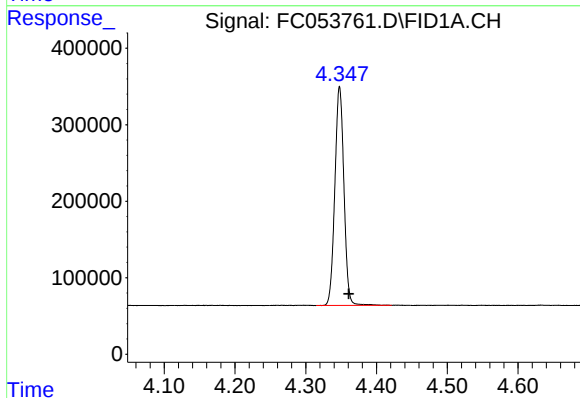
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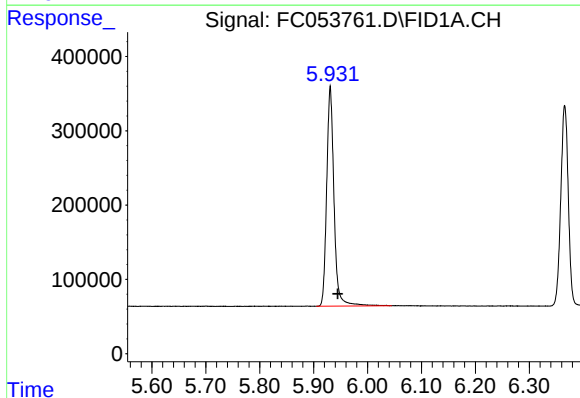
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.011 min
Response: 2465332
Conc: 20.87 ug/ml



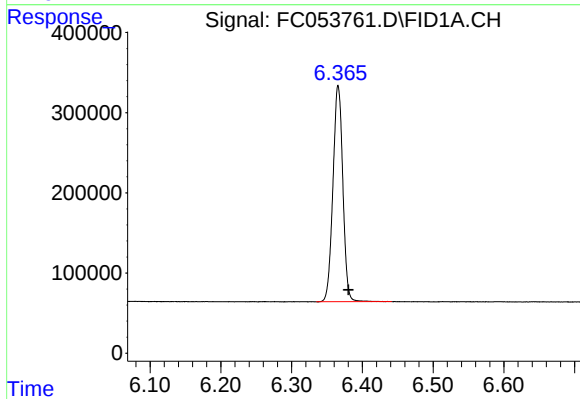
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.013 min
Response: 2551966
Conc: 21.55 ug/ml



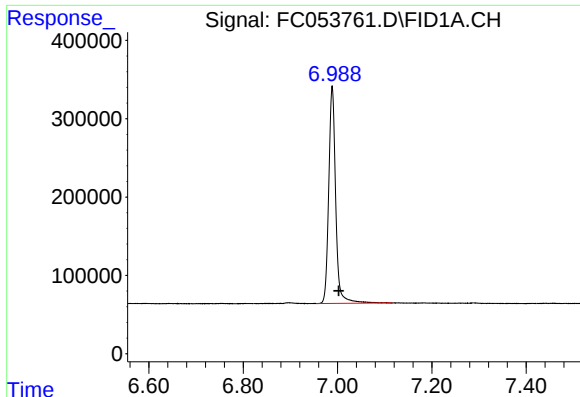
#3 A~Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: -0.014 min
Response: 2792739
Conc: 21.43 ug/ml



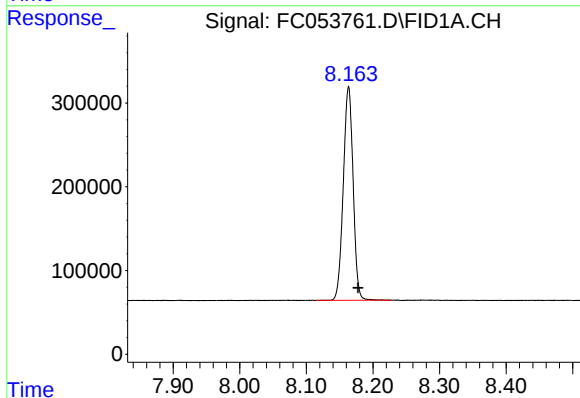
#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: -0.014 min
Response: 2619203
Conc: 21.65 ug/ml



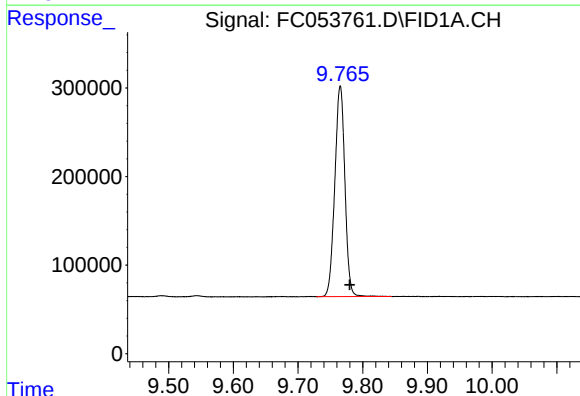
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.989 min
Delta R.T.: -0.014 min
Response: 2850249
Conc: 21.56 ug/ml



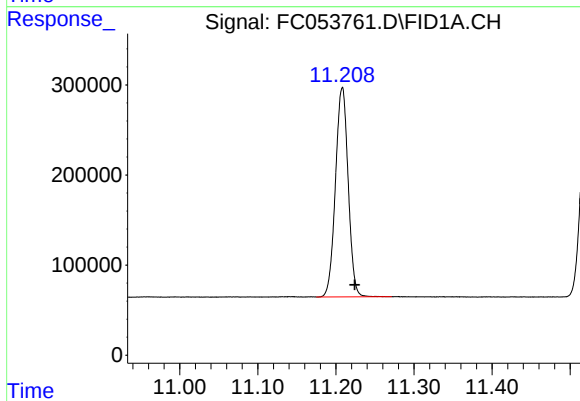
#6 n-Tetradecane (C14)

R.T.: 8.163 min
Delta R.T.: -0.014 min
Response: 2620111
Conc: 21.51 ug/ml



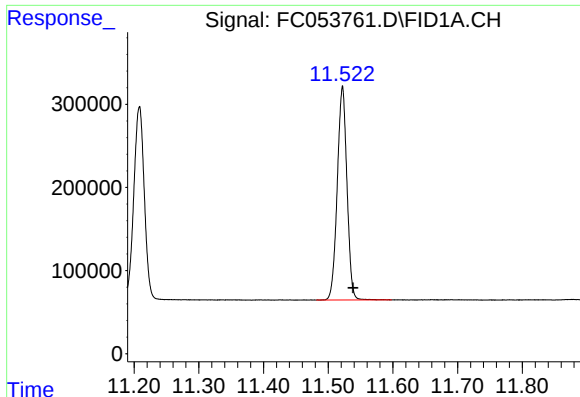
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: -0.015 min
Response: 2580451
Conc: 21.07 ug/ml



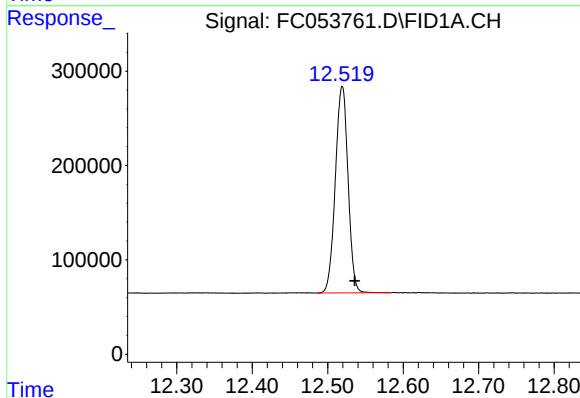
#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: -0.016 min
Response: 2625901
Conc: 20.16 ug/ml



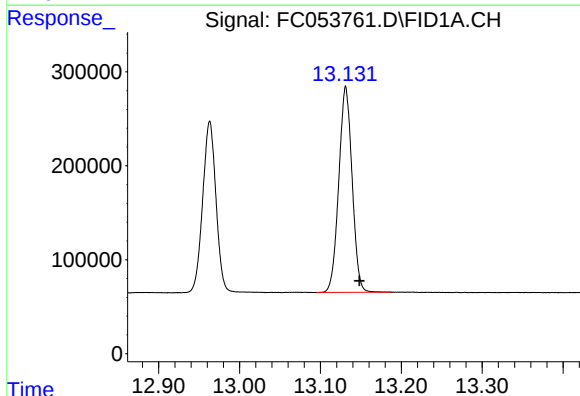
#9 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.016 min
Response: 2671090
Conc: 19.29 ug/ml



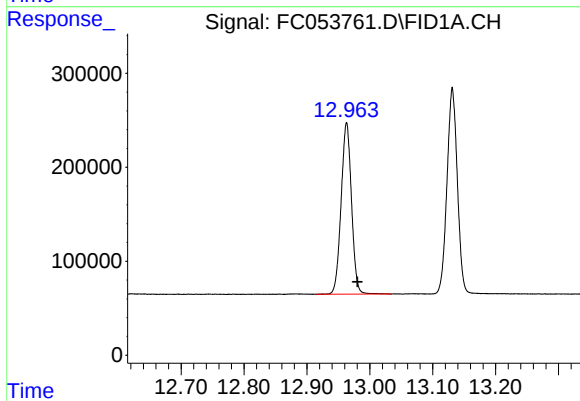
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: -0.017 min
Response: 2562628
Conc: 19.36 ug/ml



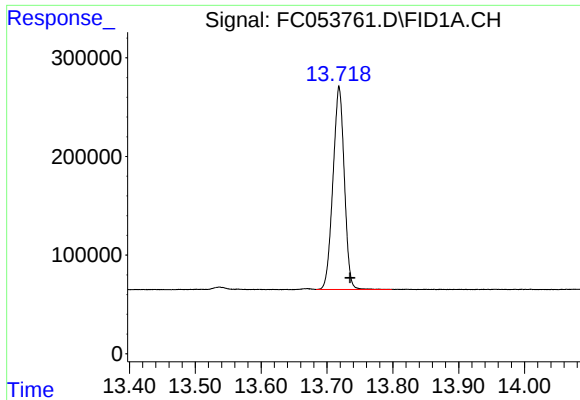
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: -0.017 min
Response: 2507351
Conc: 18.88 ug/ml



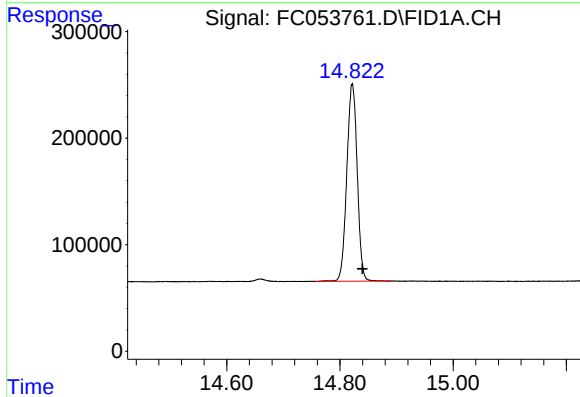
#12 1-chlorooctadecane (SURR)

R.T.: 12.963 min
Delta R.T.: -0.017 min
Response: 2091640
Conc: 18.75 ug/ml



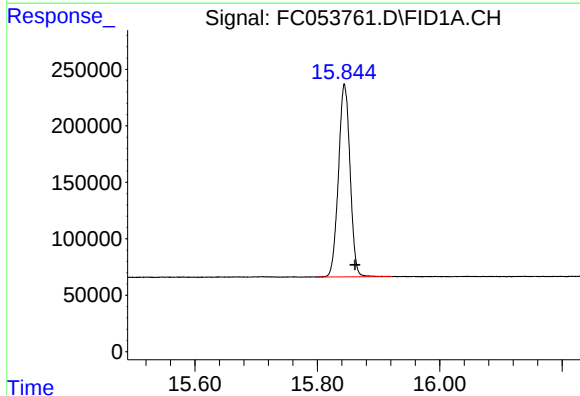
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: -0.017 min
Response: 2468334
Conc: 18.56 ug/ml



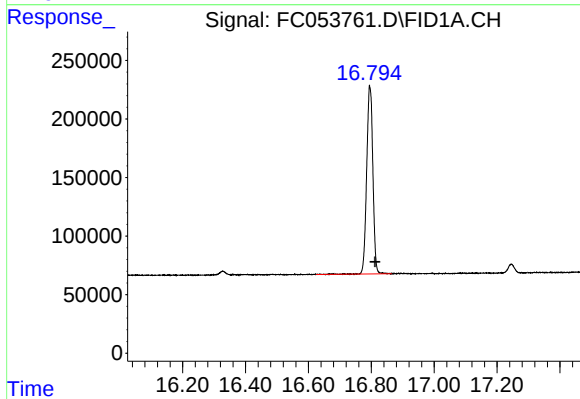
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: -0.018 min
Response: 2368829
Conc: 17.75 ug/ml



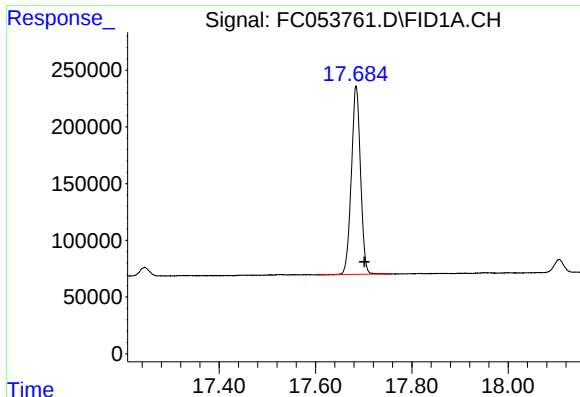
#15 n-Hexacosane (C26)

R.T.: 15.844 min
Delta R.T.: -0.017 min
Response: 2247831
Conc: 17.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.796 min
Delta R.T.: -0.017 min
Response: 2183775
Conc: 16.68 ug/ml



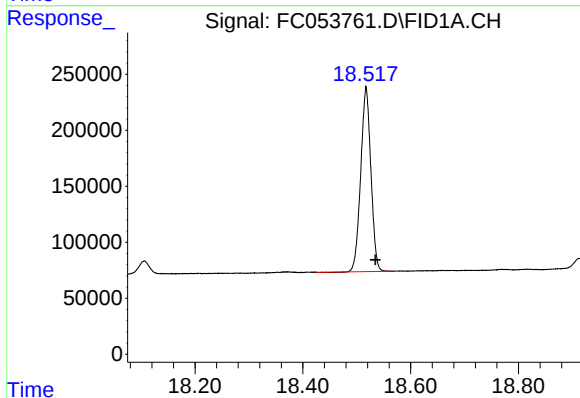
#17 n-Tricontane (C30)

R.T.: 17.684 min

Delta R.T.: -0.017 min

Response: 2196391

Conc: 16.84 ug/ml



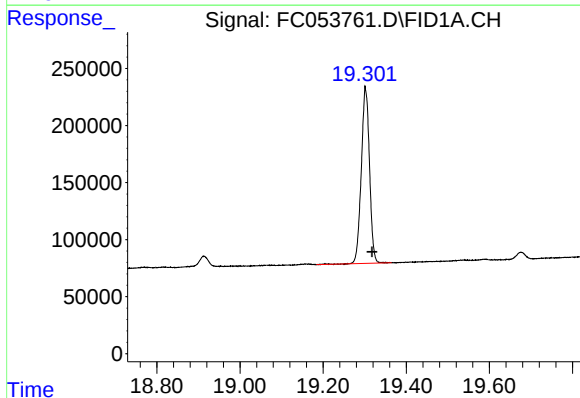
#18 n-Dotriacontane (C32)

R.T.: 18.517 min

Delta R.T.: -0.017 min

Response: 2152168

Conc: 17.06 ug/ml



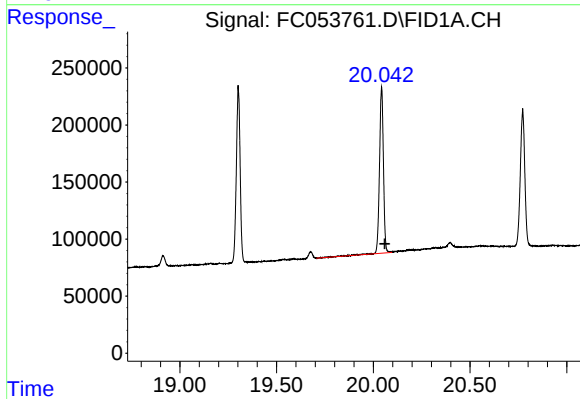
#19 n-Tetratriacontane (C34)

R.T.: 19.302 min

Delta R.T.: -0.016 min

Response: 2117262

Conc: 17.38 ug/ml



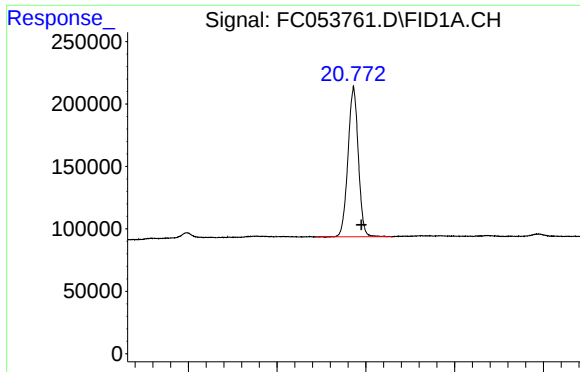
#20 n-Hexatriacontane (C36)

R.T.: 20.043 min

Delta R.T.: -0.017 min

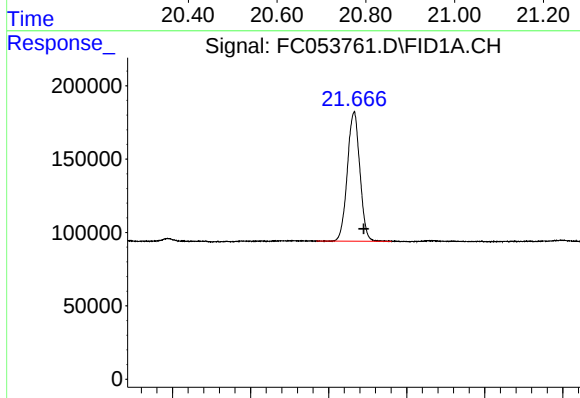
Response: 2076583

Conc: 17.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.772 min
Delta R.T.: -0.018 min
Response: 1938993
Conc: 18.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.665 min
Delta R.T.: -0.025 min
Response: 1966109
Conc: 19.73 ug/ml