

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051321AL\
 Data File : FC053682.D
 Signal(s) : FID1A.CH
 Acq On : 13 May 2021 10:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 14 01:16:06 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)	11.532	2641861	19.082 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
12) S 1-chlorooctadecane (S...	12.973	2064399	18.509 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
Target Compounds			
1) T n-Nonane (C9)	3.289	2478540	20.985 ug/ml
2) T n-Decane (C10)	4.354	2543325	21.478 ug/ml
3) T A~Naphthalene (C11.7)	5.939	2776723	21.310 ug/ml
4) T n-Dodecane (C12)	6.373	2597936	21.470 ug/ml
5) T A~2-methylnaphthalene...	6.997	2825612	21.372 ug/ml
6) T n-Tetradecane (C14)	8.171	2586984	21.237 ug/ml
7) T n-Hexadecane (C16)	9.773	2525594	20.621 ug/ml
8) T n-Octadecane (C18)	11.217	2595472	19.929 ug/ml
10) T n-Eicosane (C20)	12.528	2528050	19.100 ug/ml
11) T n-Heneicosane (C21)	13.140	2479756	18.671 ug/ml
13) T n-Docosane (C22)	13.728	2446084	18.390 ug/ml
14) T n-Tetracosane (C24)	14.832	2346358	17.578 ug/ml
15) T n-Hexacosane (C26)	15.854	2225368	16.832 ug/ml
16) T n-Octacosane (C28)	16.805	2161243	16.510 ug/ml
17) T n-Tricontane (C30)	17.694	2130988	16.338 ug/ml
18) T n-Dotriacontane (C32)	18.528	2085200	16.526 ug/ml
19) T n-Tetratriacontane (C34)	19.310	2066291	16.959 ug/mlm
20) T n-Hexatriacontane (C36)	20.050	2016681	17.249 ug/mlm
21) T n-Octatriacontane (C38)	20.783	1905611	18.524 ug/ml
22) T n-Tetracontane (C40)	21.679	1993065	20.002 ug/ml

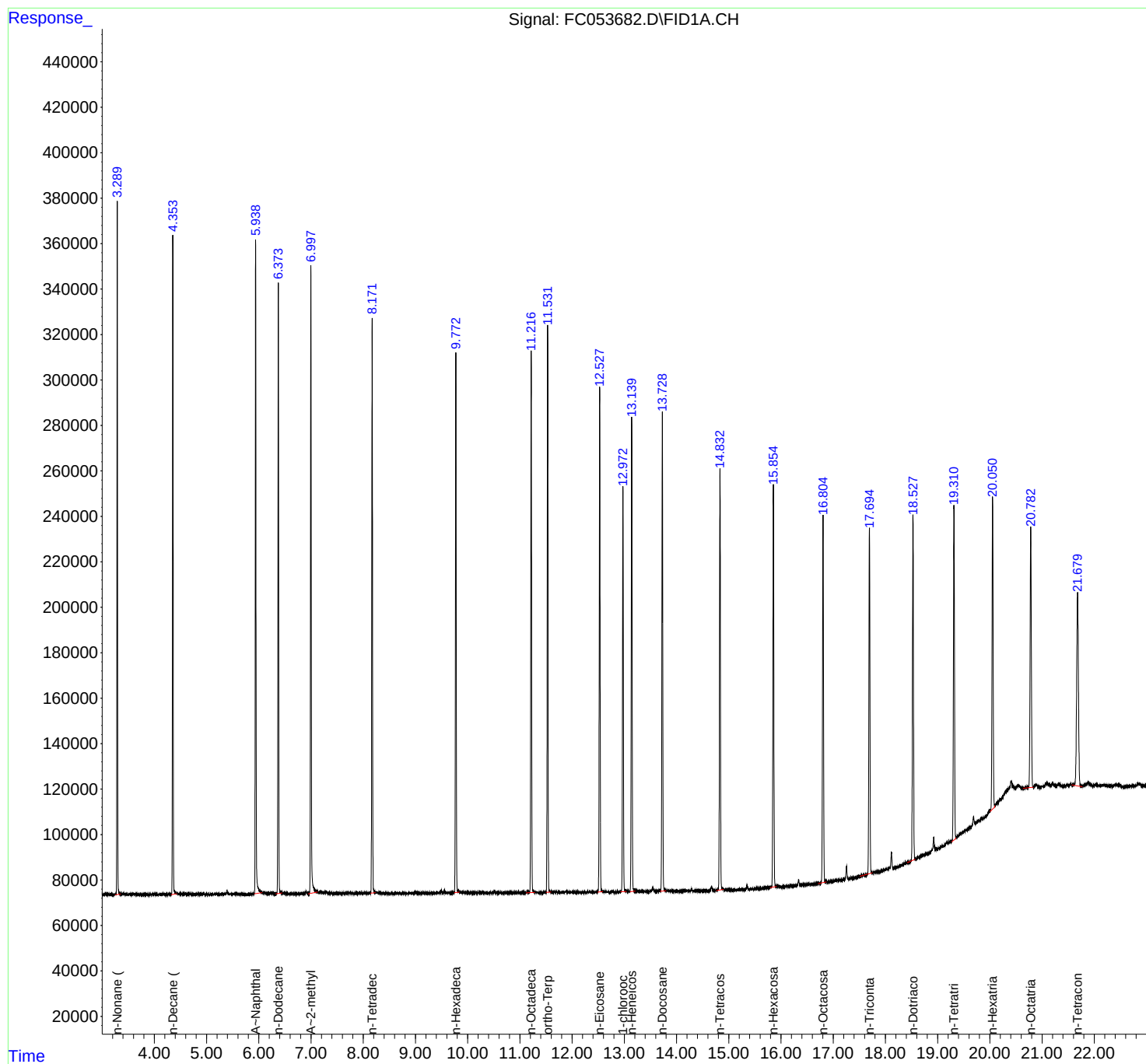
(f)=RT Delta > 1/2 Window

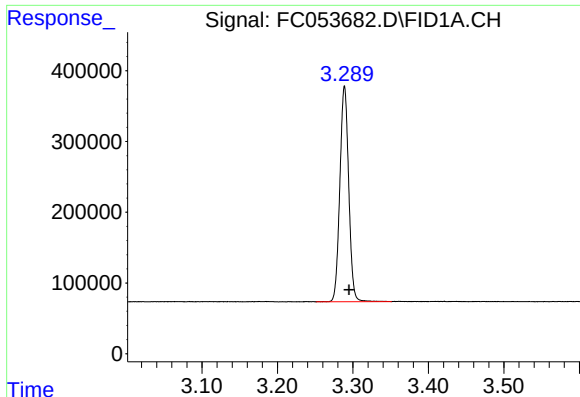
(m)=manual int.

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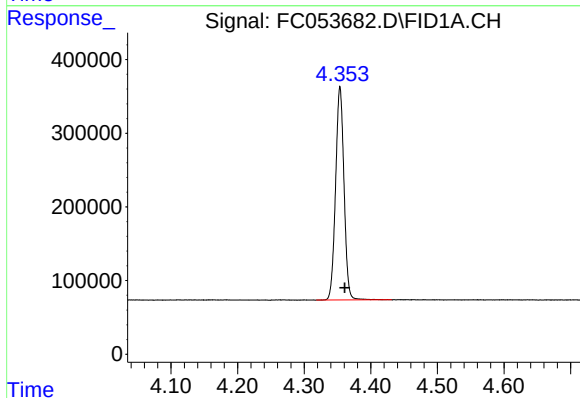
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Signal Info : 20M x 0.18mm x 0.18um





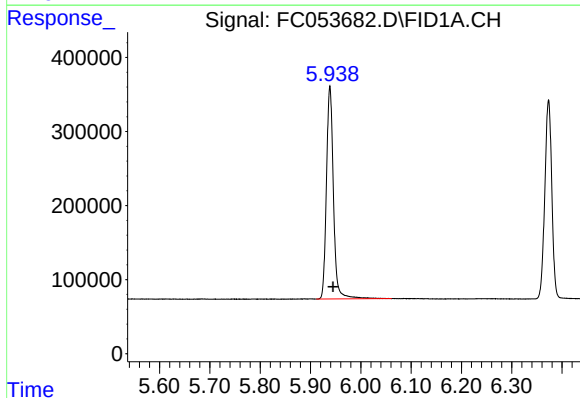
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 2478540
Conc: 20.98 ug/ml



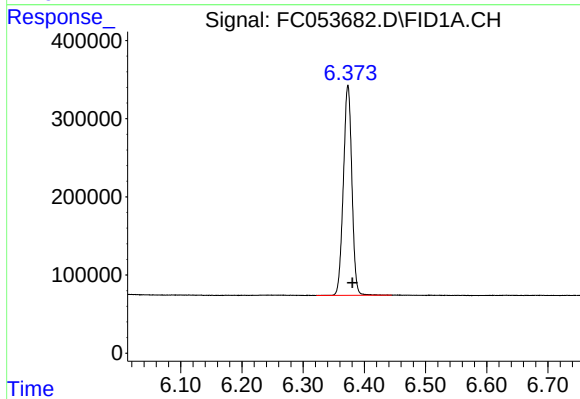
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: -0.007 min
Response: 2543325
Conc: 21.48 ug/ml



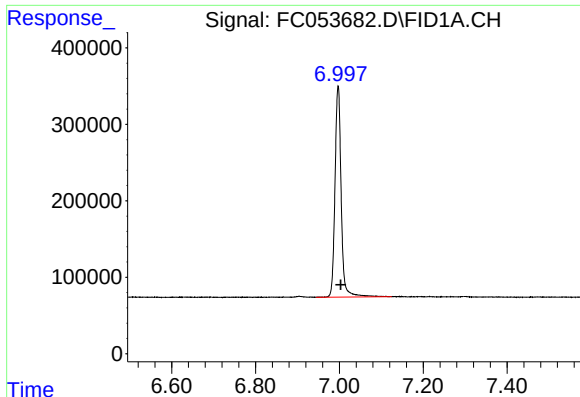
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.006 min
Response: 2776723
Conc: 21.31 ug/ml



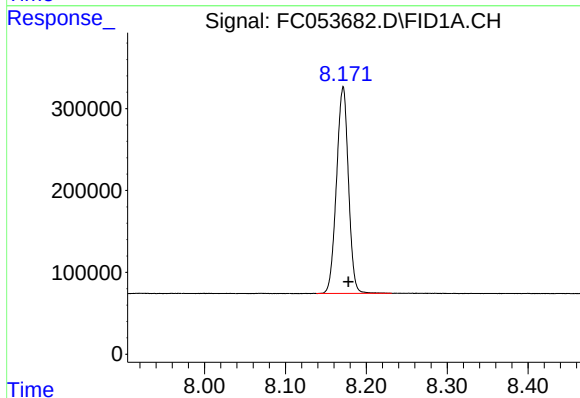
#4 n-Dodecane (C12)

R.T.: 6.373 min
Delta R.T.: -0.007 min
Response: 2597936
Conc: 21.47 ug/ml



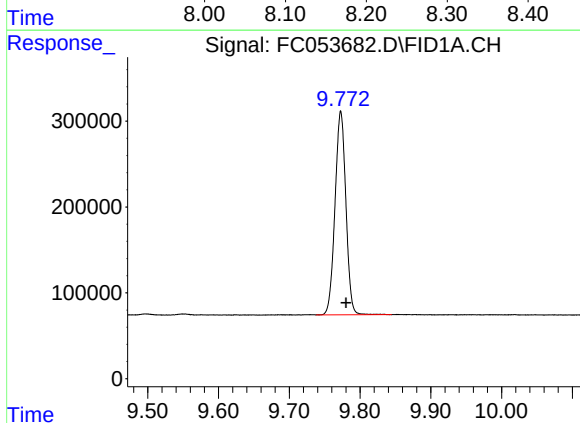
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: -0.006 min
Response: 2825612
Conc: 21.37 ug/ml



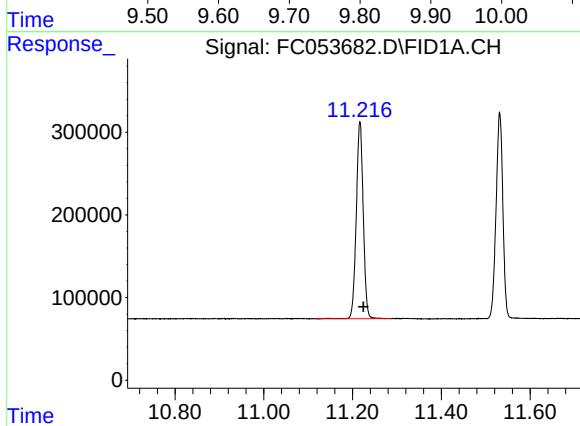
#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.007 min
Response: 2586984
Conc: 21.24 ug/ml



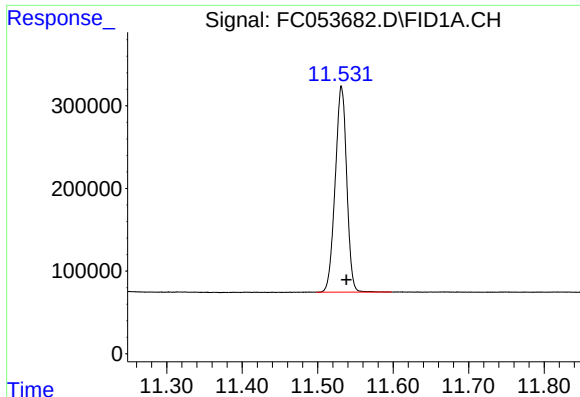
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: -0.008 min
Response: 2525594
Conc: 20.62 ug/ml



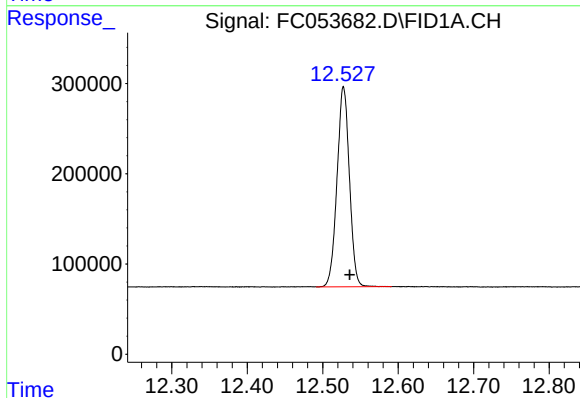
#8 n-Octadecane (C18)

R.T.: 11.217 min
Delta R.T.: -0.008 min
Response: 2595472
Conc: 19.93 ug/ml



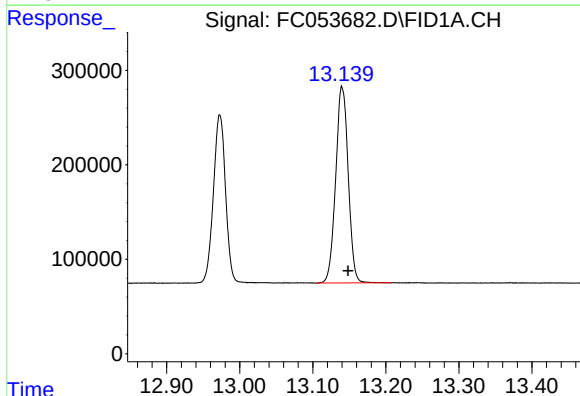
#9 ortho-Terphenyl (SURR)

R.T.: 11.532 min
Delta R.T.: -0.007 min
Response: 2641861
Conc: 19.08 ug/ml



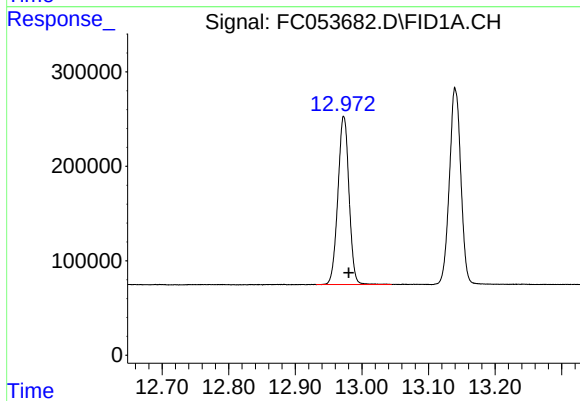
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.008 min
Response: 2528050
Conc: 19.10 ug/ml



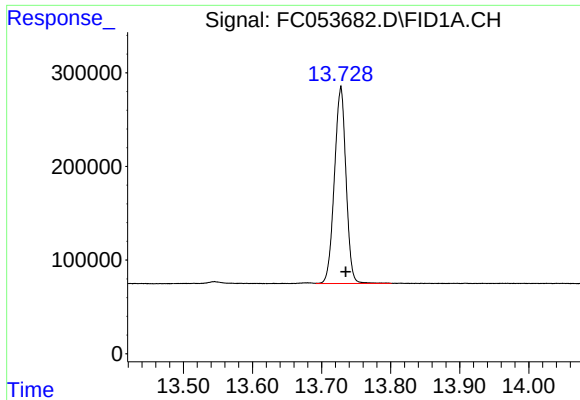
#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: -0.008 min
Response: 2479756
Conc: 18.67 ug/ml



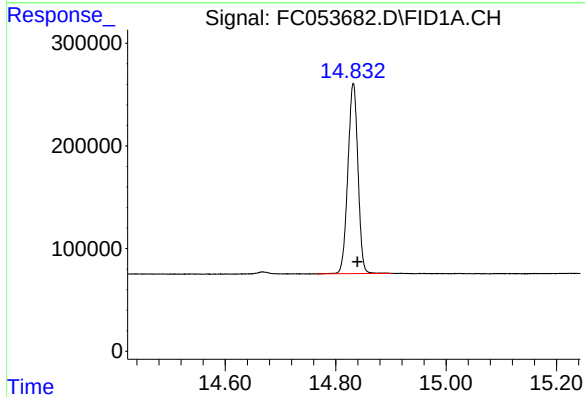
#12 1-chlorooctadecane (SURR)

R.T.: 12.973 min
Delta R.T.: -0.008 min
Response: 2064399
Conc: 18.51 ug/ml



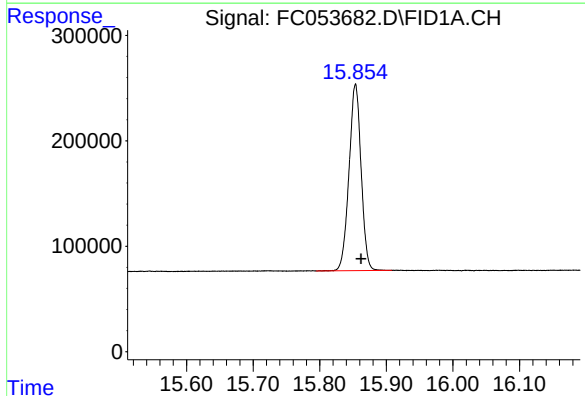
#13 n-Docosane (C22)

R.T.: 13.728 min
Delta R.T.: -0.007 min
Response: 2446084
Conc: 18.39 ug/ml



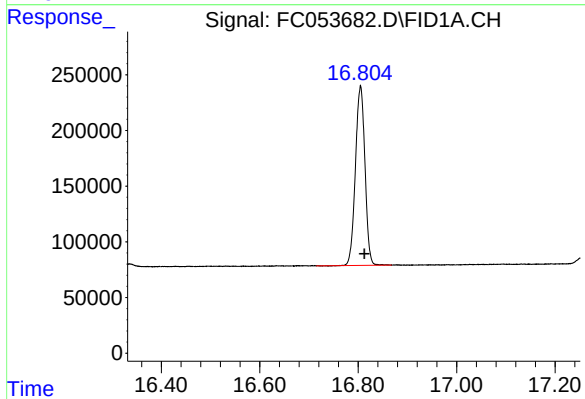
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: -0.008 min
Response: 2346358
Conc: 17.58 ug/ml



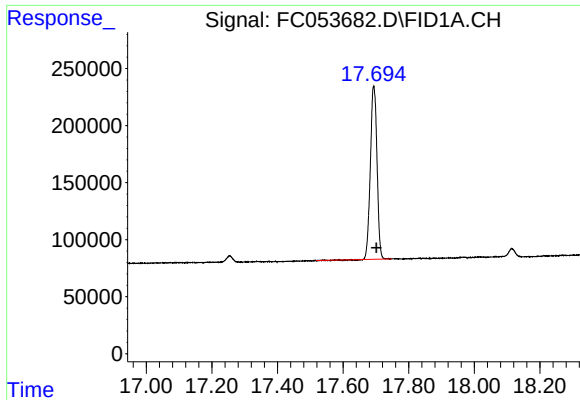
#15 n-Hexacosane (C26)

R.T.: 15.854 min
Delta R.T.: -0.008 min
Response: 2225368
Conc: 16.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.805 min
Delta R.T.: -0.008 min
Response: 2161243
Conc: 16.51 ug/ml



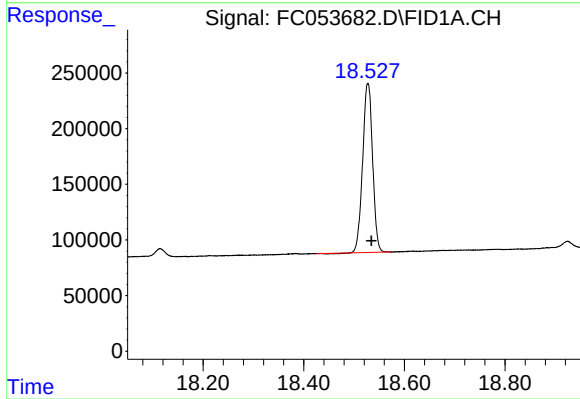
#17 n-Tricontane (C30)

R.T.: 17.694 min

Delta R.T.: -0.008 min

Response: 2130988

Conc: 16.34 ug/ml



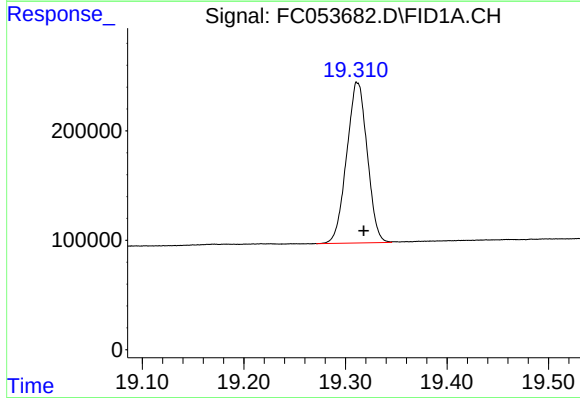
#18 n-Dotriacontane (C32)

R.T.: 18.528 min

Delta R.T.: -0.007 min

Response: 2085200

Conc: 16.53 ug/ml



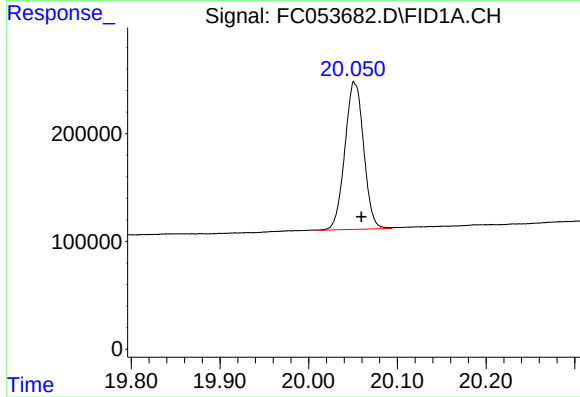
#19 n-Tetratriacontane (C34)

R.T.: 19.310 min

Delta R.T.: -0.008 min

Response: 2066291

Conc: 16.96 ug/ml m



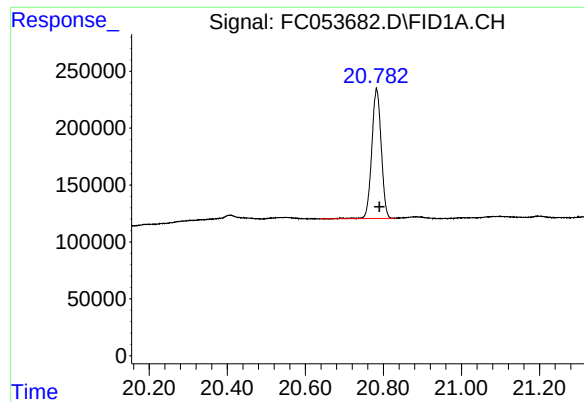
#20 n-Hexatriacontane (C36)

R.T.: 20.050 min

Delta R.T.: -0.009 min

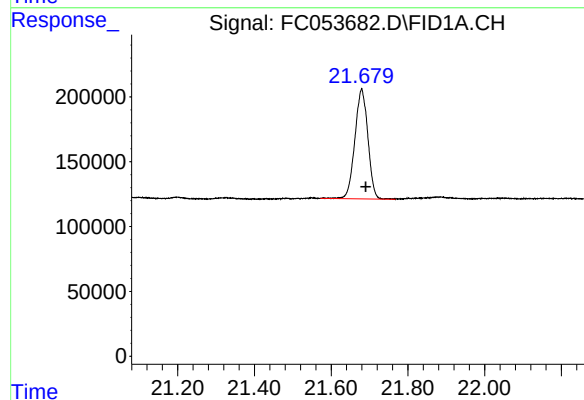
Response: 2016681

Conc: 17.25 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.783 min
Delta R.T.: -0.008 min
Response: 1905611
Conc: 18.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.679 min
Delta R.T.: -0.011 min
Response: 1993065
Conc: 20.00 ug/ml