

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042121AL\
 Data File : FC053316.D
 Signal(s) : FID1A.CH
 Acq On : 22 Apr 2021 3:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

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 4/22/2021 3:04:54 PM

Integration File: sample.E
 Quant Time: Apr 22 04:18:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 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)	11.548	2872825	20.758 ug/ml
Spiked Amount 50.000		Recovery =	41.52%
12) S 1-chlorooctadecane (S...	12.989	2246027	20.752 ug/ml
Spiked Amount 50.000		Recovery =	41.50%
Target Compounds			
1) T n-Nonane (C9)	3.304	2444568	21.071 ug/ml
2) T n-Decane (C10)	4.369	2476505	21.160 ug/ml
3) T A~Naphthalene (C11.7)	5.953	2774116	21.324 ug/ml
4) T n-Dodecane (C12)	6.388	2543168	21.311 ug/ml
5) T A~2-methylnaphthalene...	7.011	2825923	21.380 ug/ml
6) T n-Tetradecane (C14)	8.187	2569088	21.109 ug/ml
7) T n-Hexadecane (C16)	9.790	2555406	21.237 ug/ml
8) T n-Octadecane (C18)	11.232	2663300	21.018 ug/ml
10) T n-Eicosane (C20)	12.544	2678180	20.884 ug/ml
11) T n-Heneicosane (C21)	13.157	2660936	20.719 ug/ml
13) T n-Docosane (C22)	13.744	2648246	20.548 ug/ml
14) T n-Tetracosane (C24)	14.849	2599287	20.125 ug/ml
15) T n-Hexacosane (C26)	15.871	2524794	19.646 ug/ml
16) T n-Octacosane (C28)	16.822	2473589	19.100 ug/ml
17) T n-Tricontane (C30)	17.710	2445617	18.161 ug/ml
18) T n-Dotriacontane (C32)	18.543	2320238	16.918 ug/ml
19) T n-Tetratriacontane (C34)	19.327	2172547	16.648 ug/mlm
20) T n-Hexatriacontane (C36)	20.067	2110359	17.430 ug/mlm
21) T n-Octatriacontane (C38)	20.800	1951434	18.520 ug/mlm
22) T n-Tetracontane (C40)	21.703	2075189	19.820 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

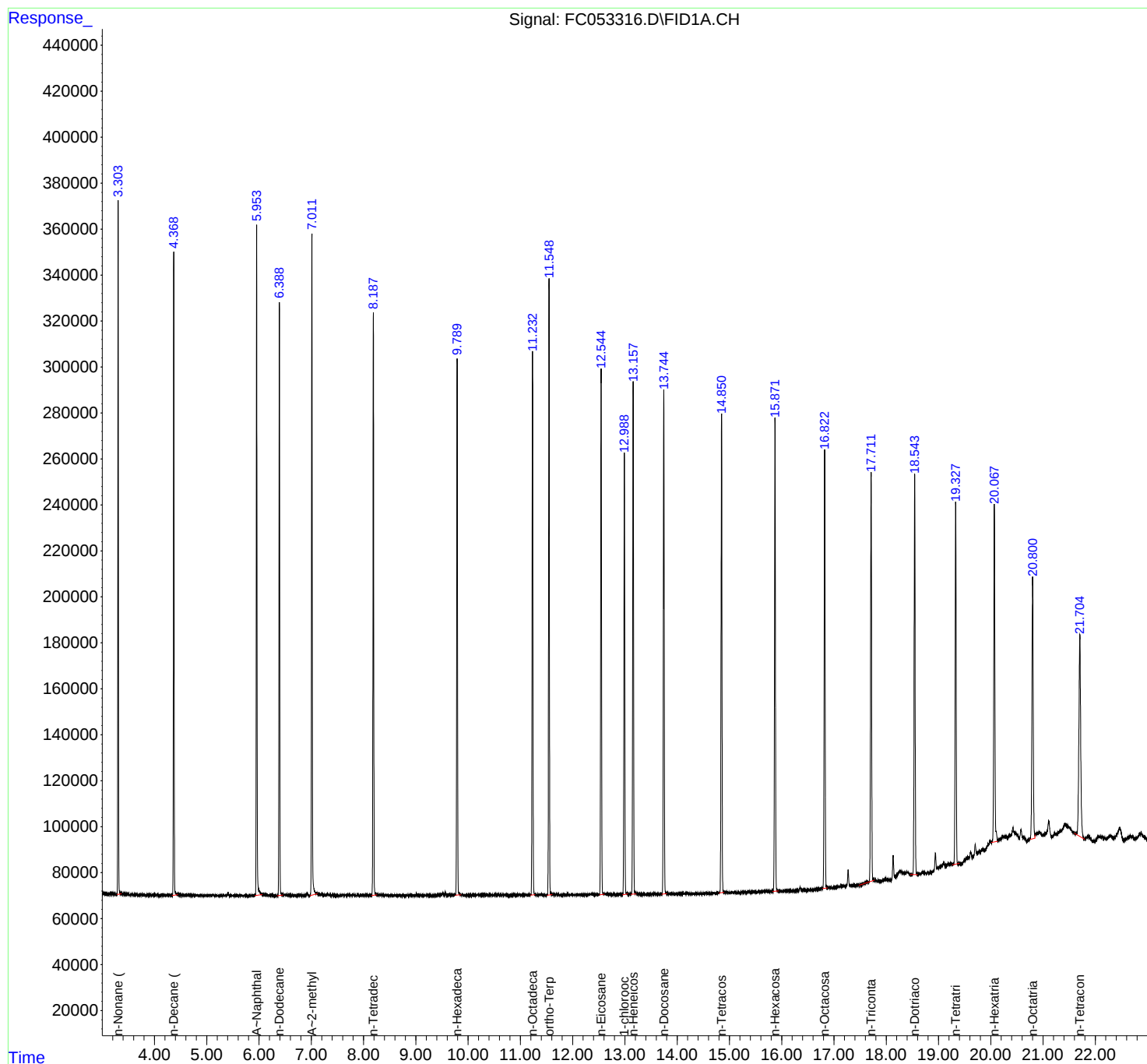
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

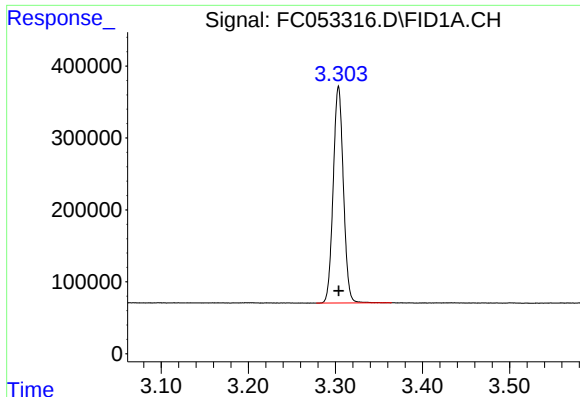
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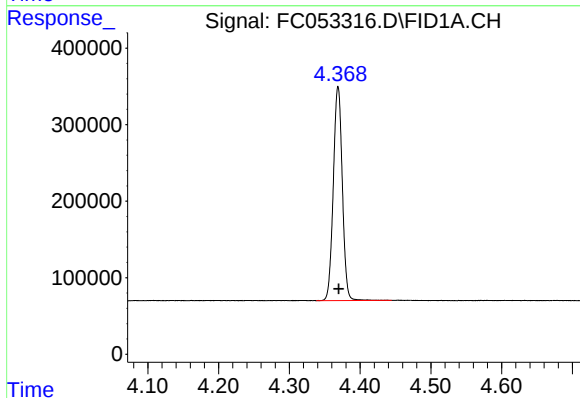
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: 0.000 min
Response: 2444568
Conc: 21.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

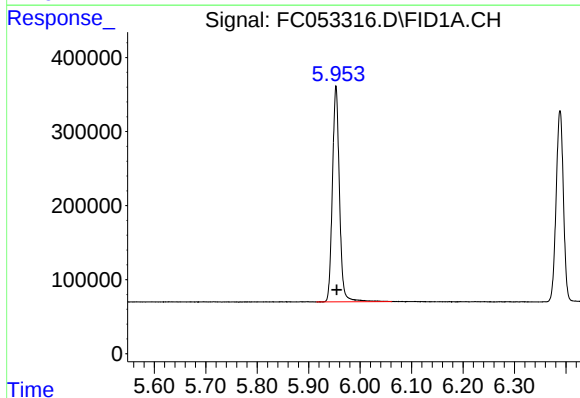
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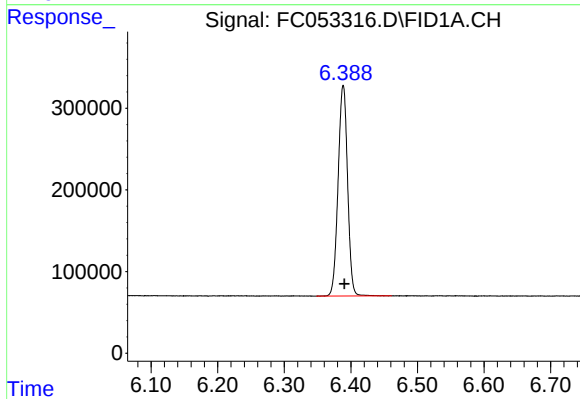
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.001 min
Response: 2476505
Conc: 21.16 ug/ml



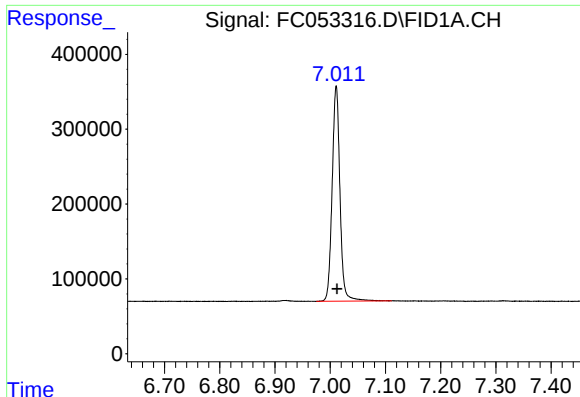
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 2774116
Conc: 21.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 2543168
Conc: 21.31 ug/ml



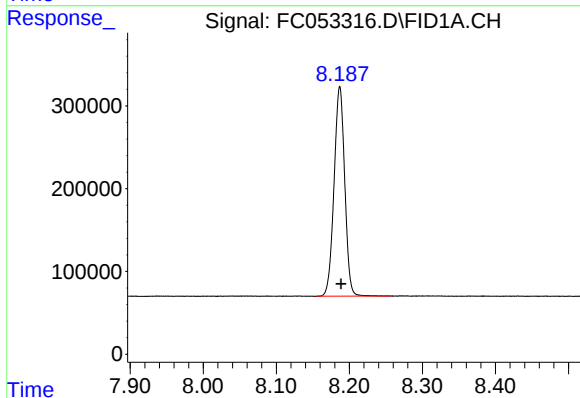
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: -0.002 min
Response: 2825923
Conc: 21.38 ug/ml

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20 PPM ALIPHATIC HC STD

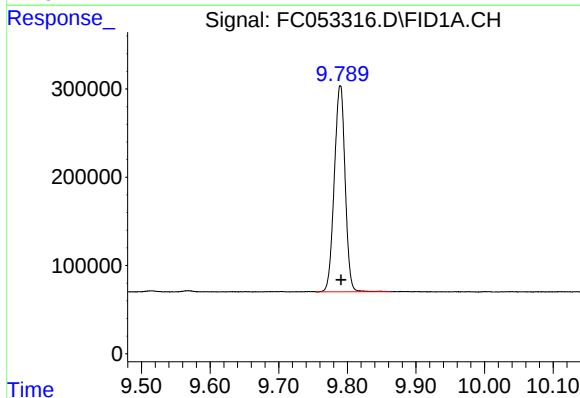
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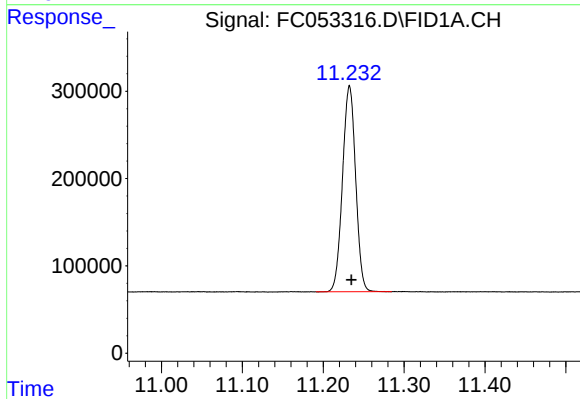
#6 n-Tetradecane (C14)

R.T.: 8.187 min
Delta R.T.: -0.002 min
Response: 2569088
Conc: 21.11 ug/ml



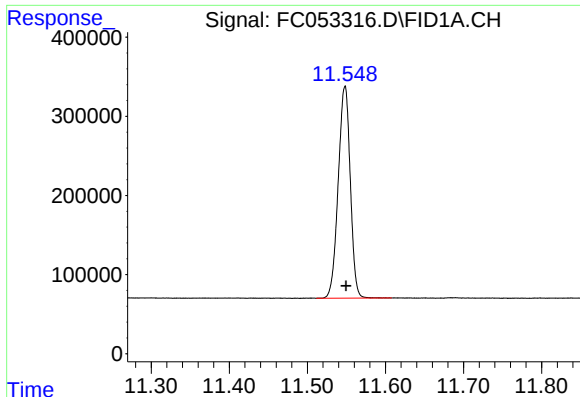
#7 n-Hexadecane (C16)

R.T.: 9.790 min
Delta R.T.: -0.001 min
Response: 2555406
Conc: 21.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.232 min
Delta R.T.: -0.002 min
Response: 2663300
Conc: 21.02 ug/ml



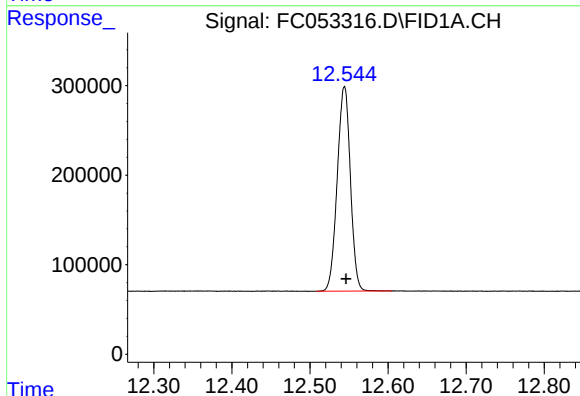
#9 ortho-Terphenyl (SURR)

R.T.: 11.548 min
Delta R.T.: -0.002 min
Response: 2872825
Conc: 20.76 ug/ml

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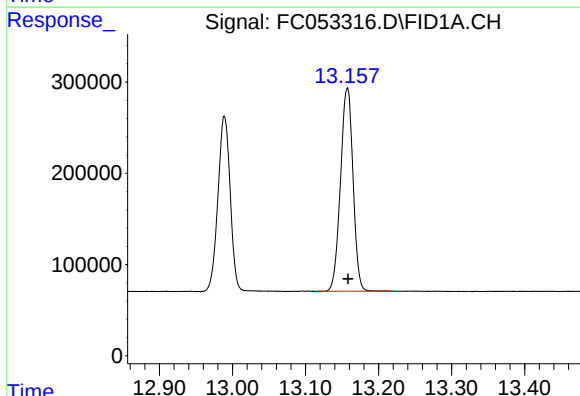
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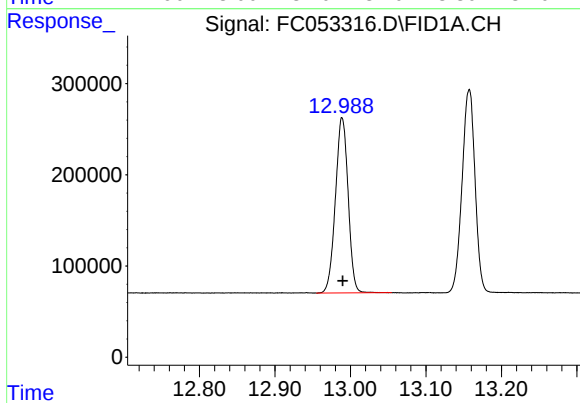
#10 n-Eicosane (C20)

R.T.: 12.544 min
Delta R.T.: -0.002 min
Response: 2678180
Conc: 20.88 ug/ml



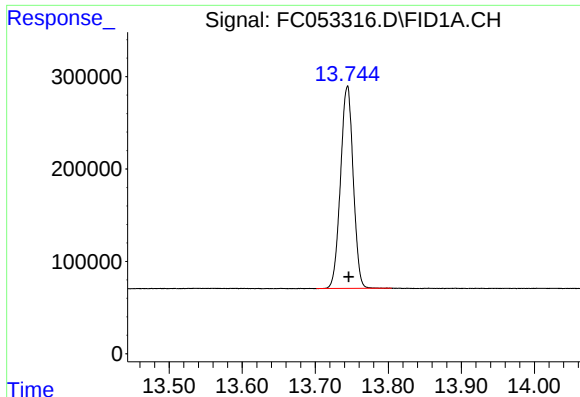
#11 n-Heneicosane (C21)

R.T.: 13.157 min
Delta R.T.: -0.001 min
Response: 2660936
Conc: 20.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.989 min
Delta R.T.: 0.000 min
Response: 2246027
Conc: 20.75 ug/ml



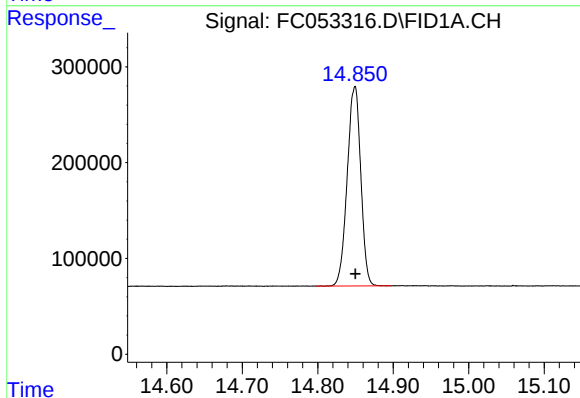
#13 n-Docosane (C22)

R.T.: 13.744 min
Delta R.T.: -0.002 min
Response: 2648246
Conc: 20.55 ug/ml

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20 PPM ALIPHATIC HC STD

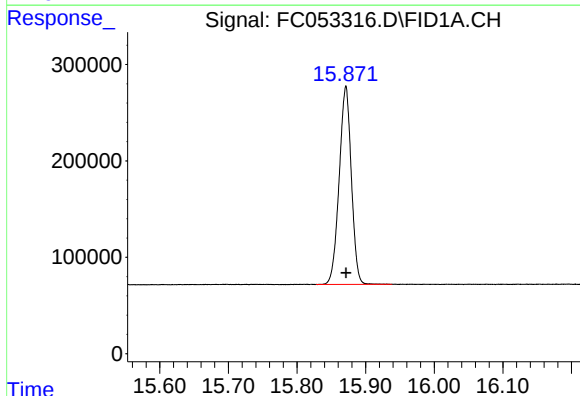
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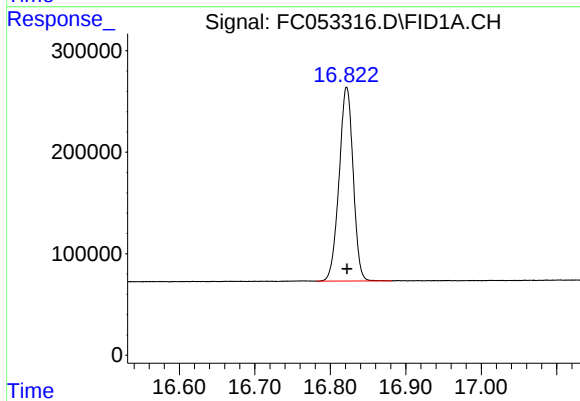
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: -0.001 min
Response: 2599287
Conc: 20.13 ug/ml



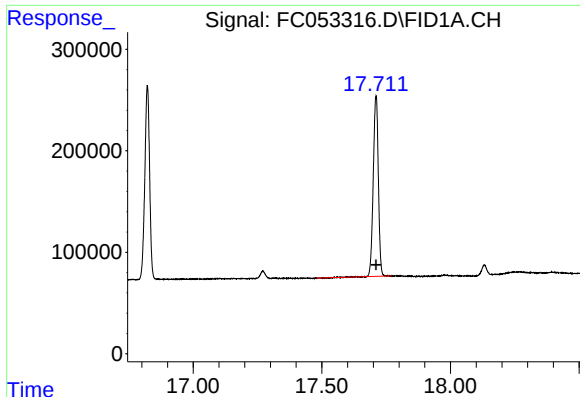
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: 0.000 min
Response: 2524794
Conc: 19.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.822 min
Delta R.T.: 0.000 min
Response: 2473589
Conc: 19.10 ug/ml



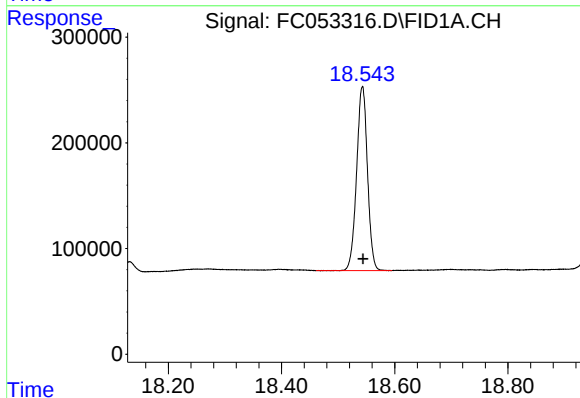
#17 n-Tricontane (C30)

R.T.: 17.710 min
Delta R.T.: 0.000 min
Response: 2445617
Conc: 18.16 ug/ml

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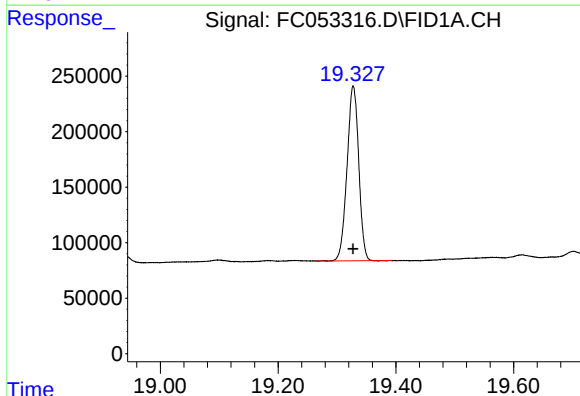
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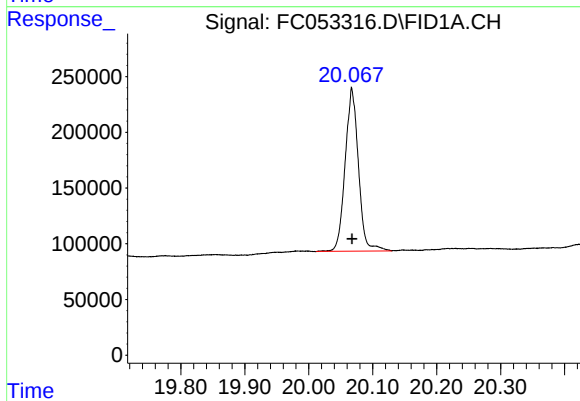
#18 n-Dotriacontane (C32)

R.T.: 18.543 min
Delta R.T.: 0.000 min
Response: 2320238
Conc: 16.92 ug/ml



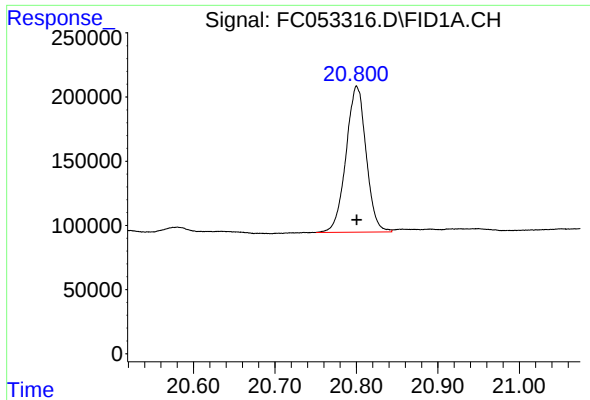
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: 0.000 min
Response: 2172547
Conc: 16.65 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.067 min
Delta R.T.: -0.001 min
Response: 2110359
Conc: 17.43 ug/ml m



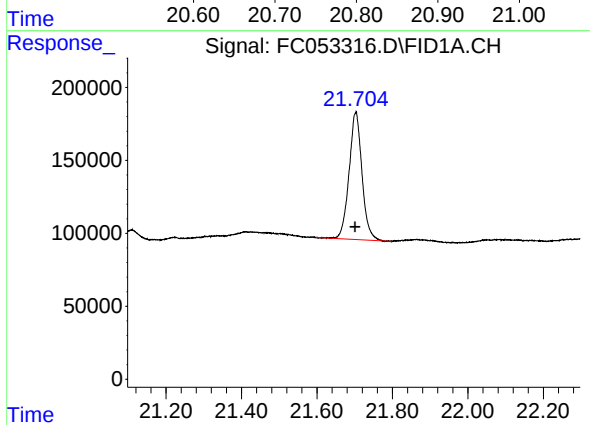
#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: 0.000 min
Response: 1951434
Conc: 18.52 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.703 min
Delta R.T.: 0.001 min
Response: 2075189
Conc: 19.82 ug/ml