

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032922AL\
 Data File : FC058944.D
 Signal(s) : FID1A.CH
 Acq On : 29 Mar 2022 16:18
 Operator : UA/NP
 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

Reviewed By :Yogesh Patel 03/30/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: sample.E
 Quant Time: Mar 30 03:22:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.093	3015019	20.926 ug/ml
Spiked Amount 50.000		Recovery =	41.85%
12) S 1-chlorooctadecane (S...	12.542	2341003	20.884 ug/ml
Spiked Amount 50.000		Recovery =	41.77%
Target Compounds			
1) T n-Nonane (C9)	2.953	2558806	20.880 ug/ml
2) T n-Decane (C10)	3.995	2557952	20.874 ug/ml
3) T A~Naphthalene (C11.7)	5.542	2646489	21.078 ug/ml
4) T n-Dodecane (C12)	5.994	2674182	20.937 ug/ml
5) T A~2-methylnaphthalene...	6.591	2665893	20.795 ug/ml
6) T n-Tetradecane (C14)	7.777	2715718	20.887 ug/ml
7) T n-Hexadecane (C16)	9.370	2751684	20.722 ug/ml
8) T n-Octadecane (C18)	10.803	2785519	20.951 ug/ml
10) T n-Eicosane (C20)	12.105	2747563	20.970 ug/ml
11) T n-Heneicosane (C21)	12.713	2755586	21.119 ug/ml
13) T n-Docosane (C22)	13.297	2733770	21.103 ug/ml
14) T n-Tetracosane (C24)	14.395	2686302	21.265 ug/ml
15) T n-Hexacosane (C26)	15.410	2593444	21.470 ug/ml
16) T n-Octacosane (C28)	16.355	2536095	21.418 ug/ml
17) T n-Tricontane (C30)	17.238	2457855	21.546 ug/ml
18) T n-Dotriacontane (C32)	18.067	2314102	21.601 ug/ml
19) T n-Tetratriacontane (C34)	18.847	2184675	21.623 ug/ml
20) T n-Hexatriacontane (C36)	19.585	2057133	21.530 ug/ml
21) T n-Octatriacontane (C38)	20.280	1978202	21.498 ug/mlm
22) T n-Tetracontane (C40)	21.020	1984201	21.350 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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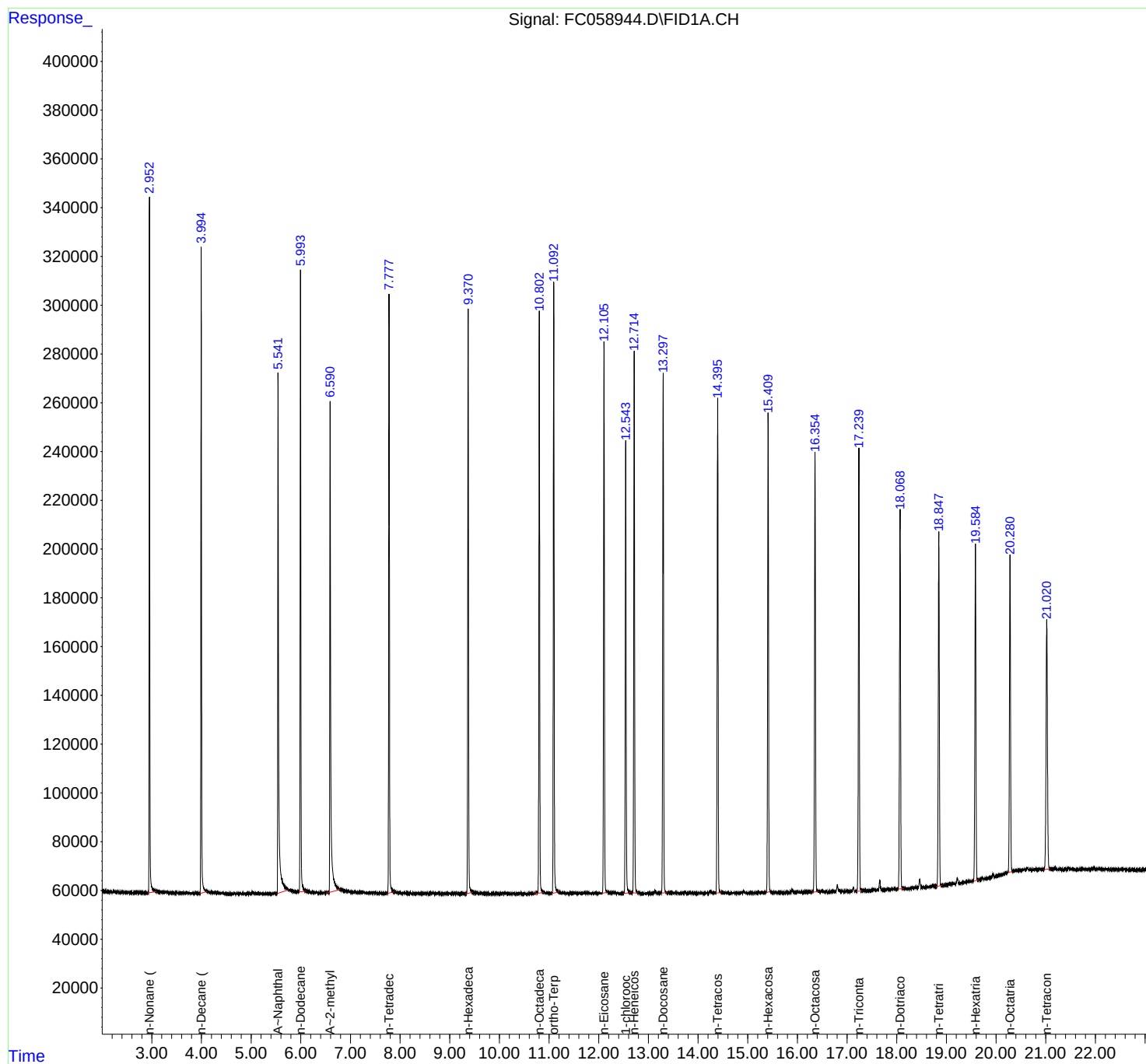
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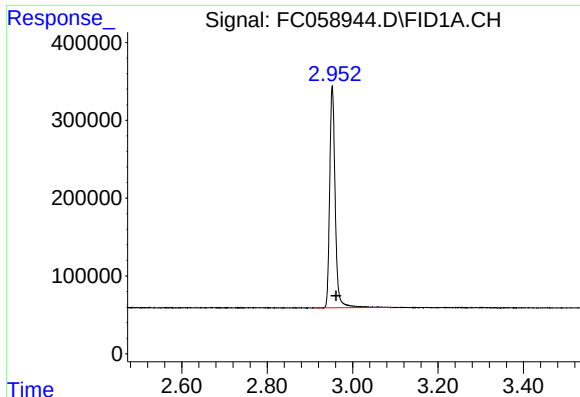
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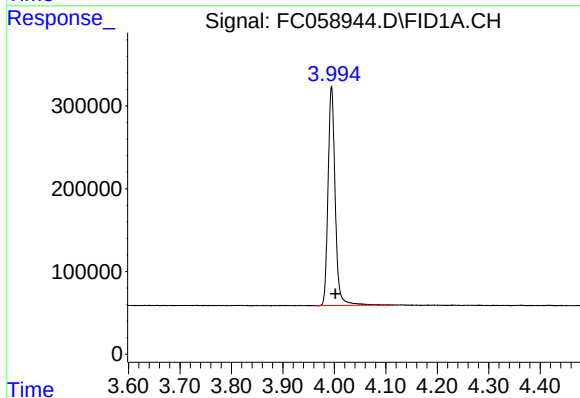
#1 n-Nonane (C9)

R.T.: 2.953 min
Delta R.T.: -0.008 min
Response: 2558806
Conc: 20.88 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

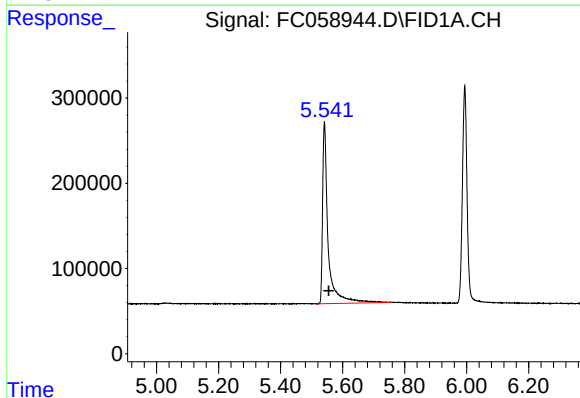
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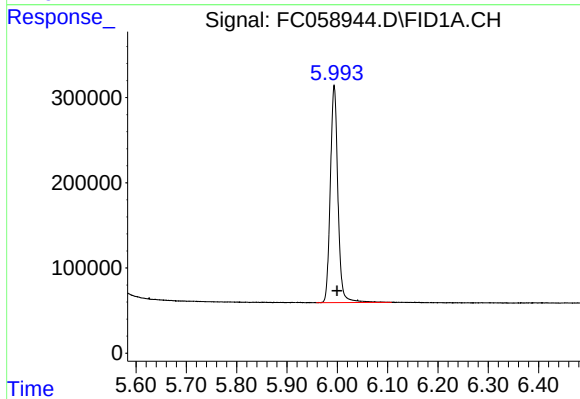
#2 n-Decane (C10)

R.T.: 3.995 min
Delta R.T.: -0.007 min
Response: 2557952
Conc: 20.87 ug/ml



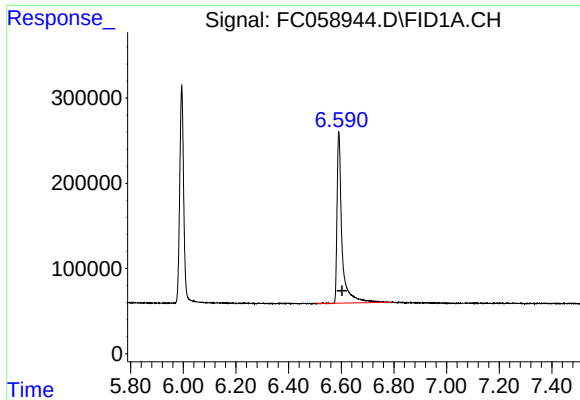
#3 A~Naphthalene (C11.7)

R.T.: 5.542 min
Delta R.T.: -0.013 min
Response: 2646489
Conc: 21.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.994 min
Delta R.T.: -0.006 min
Response: 2674182
Conc: 20.94 ug/ml



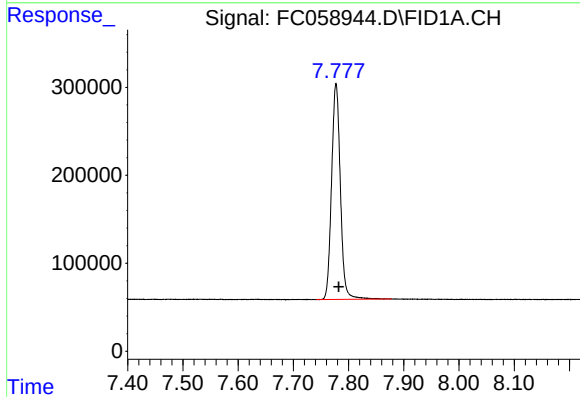
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.591 min
Delta R.T.: -0.012 min
Response: 2665893
Conc: 20.80 ug/ml

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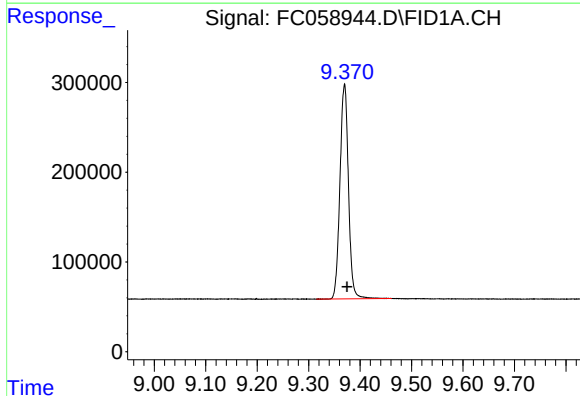
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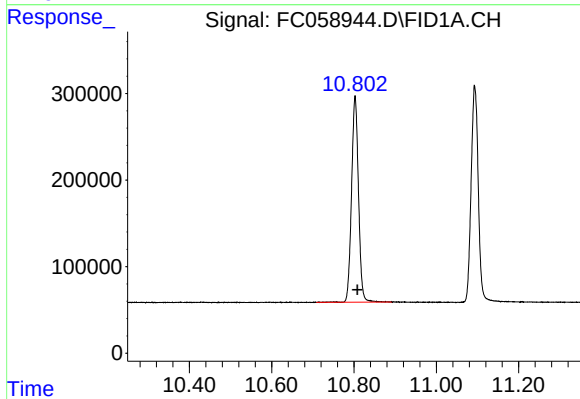
#6 n-Tetradecane (C14)

R.T.: 7.777 min
Delta R.T.: -0.005 min
Response: 2715718
Conc: 20.89 ug/ml



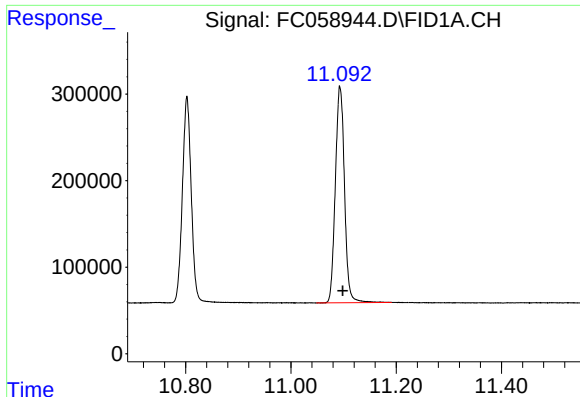
#7 n-Hexadecane (C16)

R.T.: 9.370 min
Delta R.T.: -0.005 min
Response: 2751684
Conc: 20.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.803 min
Delta R.T.: -0.006 min
Response: 2785519
Conc: 20.95 ug/ml



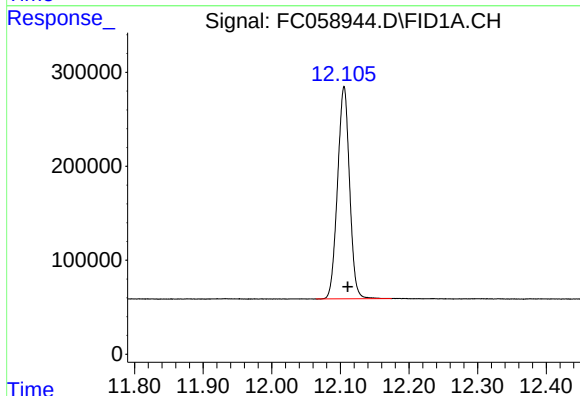
#9 ortho-Terphenyl (SURR)

R.T.: 11.093 min
Delta R.T.: -0.005 min
Response: 3015019
Conc: 20.93 ug/ml

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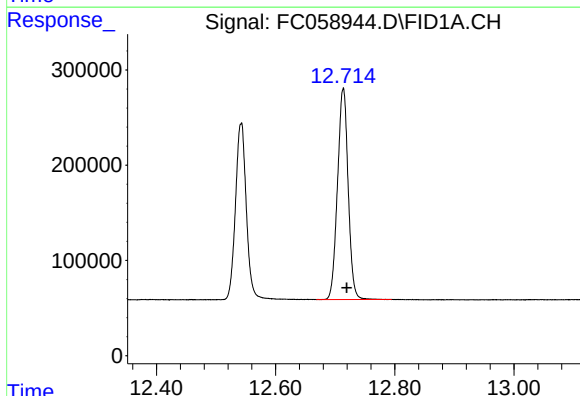
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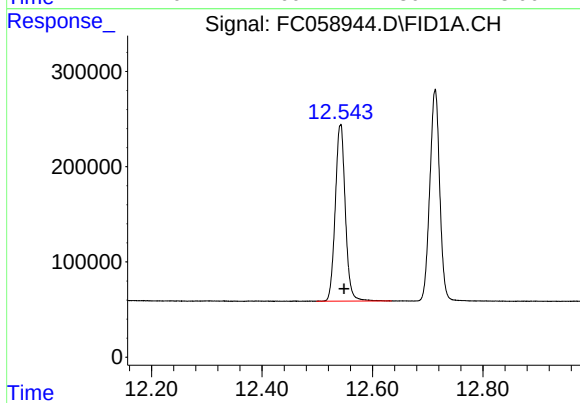
#10 n-Eicosane (C20)

R.T.: 12.105 min
Delta R.T.: -0.005 min
Response: 2747563
Conc: 20.97 ug/ml



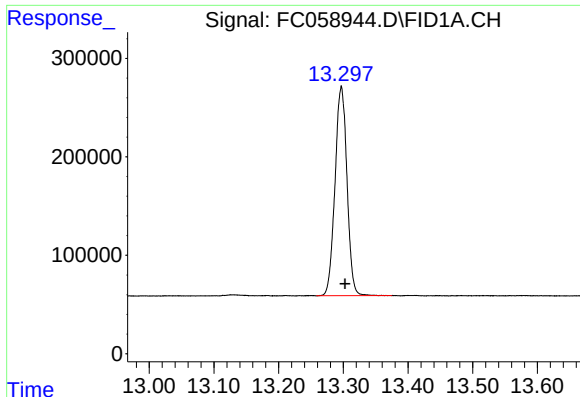
#11 n-Heneicosane (C21)

R.T.: 12.713 min
Delta R.T.: -0.006 min
Response: 2755586
Conc: 21.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.542 min
Delta R.T.: -0.007 min
Response: 2341003
Conc: 20.88 ug/ml



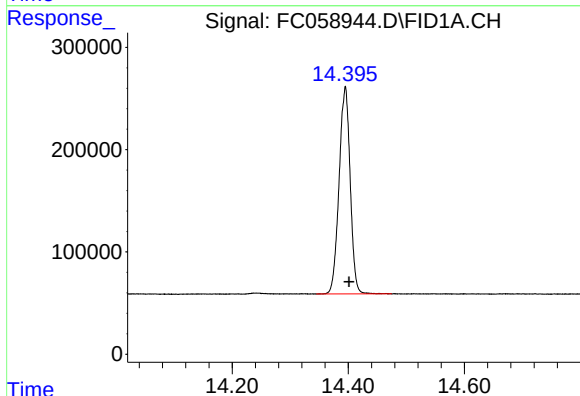
#13 n-Docosane (C22)

R.T.: 13.297 min
Delta R.T.: -0.006 min
Response: 2733770
Conc: 21.10 ug/ml

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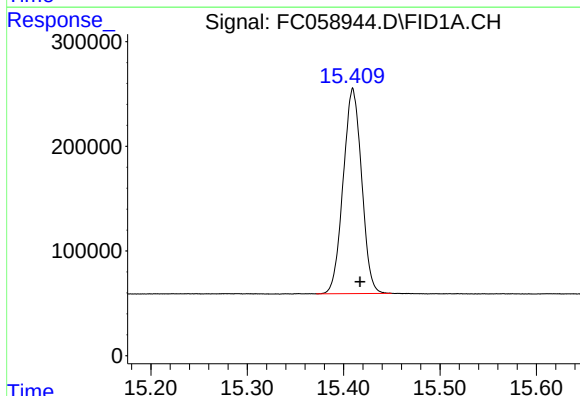
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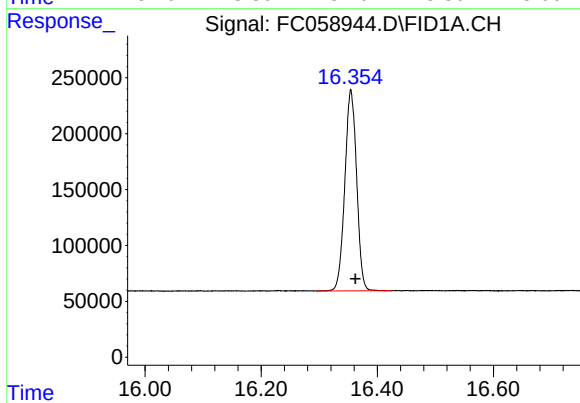
#14 n-Tetracosane (C24)

R.T.: 14.395 min
Delta R.T.: -0.007 min
Response: 2686302
Conc: 21.27 ug/ml



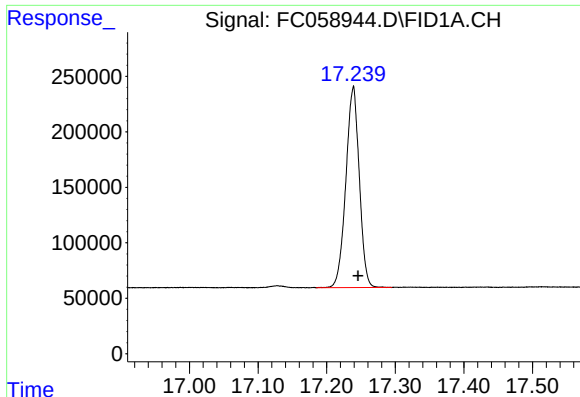
#15 n-Hexacosane (C26)

R.T.: 15.410 min
Delta R.T.: -0.007 min
Response: 2593444
Conc: 21.47 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.355 min
Delta R.T.: -0.008 min
Response: 2536095
Conc: 21.42 ug/ml



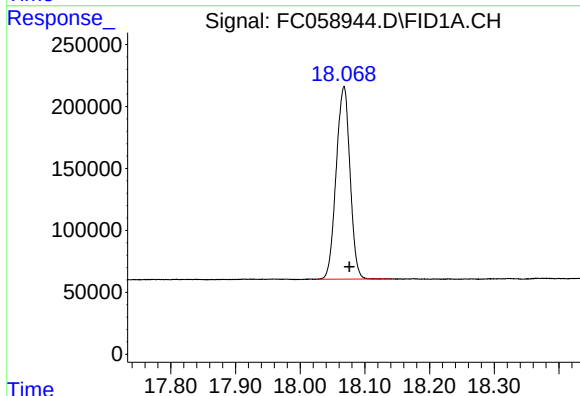
#17 n-Tricontane (C30)

R.T.: 17.238 min
Delta R.T.: -0.008 min
Response: 2457855
Conc: 21.55 ug/ml

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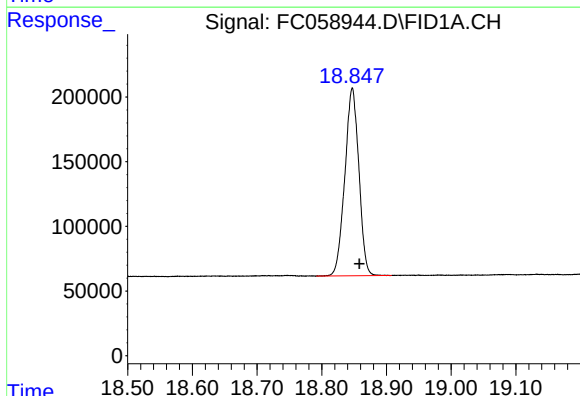
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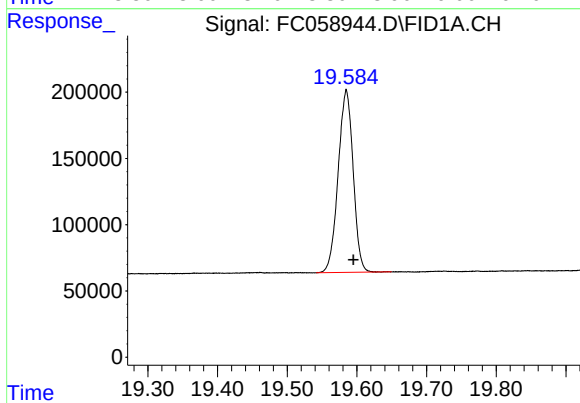
#18 n-Dotriacontane (C32)

R.T.: 18.067 min
Delta R.T.: -0.009 min
Response: 2314102
Conc: 21.60 ug/ml



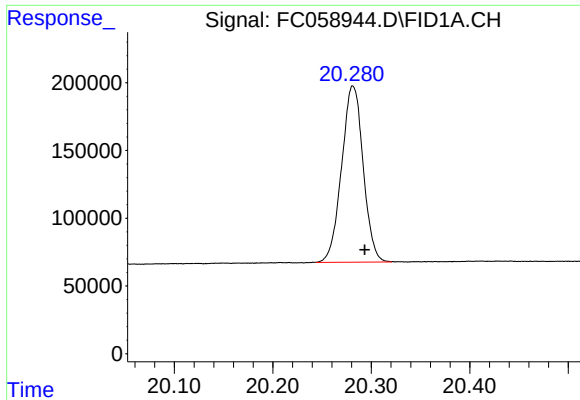
#19 n-Tetratriacontane (C34)

R.T.: 18.847 min
Delta R.T.: -0.011 min
Response: 2184675
Conc: 21.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.585 min
Delta R.T.: -0.010 min
Response: 2057133
Conc: 21.53 ug/ml



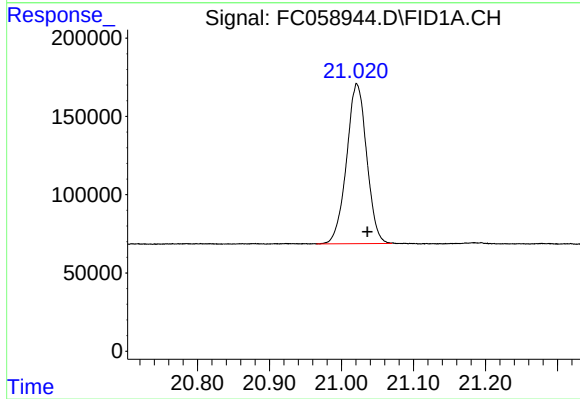
#21 n-Octatriacontane (C38)

R.T.: 20.280 min
Delta R.T.: -0.013 min
Response: 1978202
Conc: 21.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.020 min
Delta R.T.: -0.016 min
Response: 1984201
Conc: 21.35 ug/ml m