

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032522AL\
 Data File : FC058884.D
 Signal(s) : FID1A.CH
 Acq On : 25 Mar 2022 16:13
 Operator : UA/NP
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/26/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 25 23:08:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:07:34 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)	11.109	6867919	44.552 ug/ml
Spiked Amount 50.000		Recovery =	89.10%
12) S 1-chlorooctadecane (S...	12.555	5384386	44.974 ug/ml
Spiked Amount 50.000		Recovery =	89.95%
Target Compounds			
1) T n-Nonane (C9)	2.967	5965746	45.431 ug/ml
2) T n-Decane (C10)	4.009	5944364	45.245 ug/ml
3) T A~Naphthalene (C11.7)	5.554	6555934	47.412 ug/ml
4) T n-Dodecane (C12)	6.008	6187052	45.134 ug/ml
5) T A~2-methylnaphthalene...	6.603	6670759	47.912 ug/ml
6) T n-Tetradecane (C14)	7.792	6258921	44.988 ug/ml
7) T n-Hexadecane (C16)	9.383	6311048	44.557 ug/ml
8) T n-Octadecane (C18)	10.818	6330277	44.413 ug/ml
10) T n-Eicosane (C20)	12.120	6236493	44.502 ug/ml
11) T n-Heneicosane (C21)	12.728	6212061	44.507 ug/ml
13) T n-Docosane (C22)	13.310	6145348	44.410 ug/ml
14) T n-Tetracosane (C24)	14.409	5978474	44.342 ug/ml
15) T n-Hexacosane (C26)	15.423	5708295	44.126 ug/ml
16) T n-Octacosane (C28)	16.369	5571535	44.002 ug/ml
17) T n-Tricontane (C30)	17.253	5341362	44.146 ug/ml
18) T n-Dotriacontane (C32)	18.082	5018019	44.027 ug/ml
19) T n-Tetratriacontane (C34)	18.864	4751969	44.250 ug/mlm
20) T n-Hexatriacontane (C36)	19.601	4509299	44.361 ug/ml
21) T n-Octatriacontane (C38)	20.297	4371043	44.622 ug/ml
22) T n-Tetracontane (C40)	21.044	4410854	44.485 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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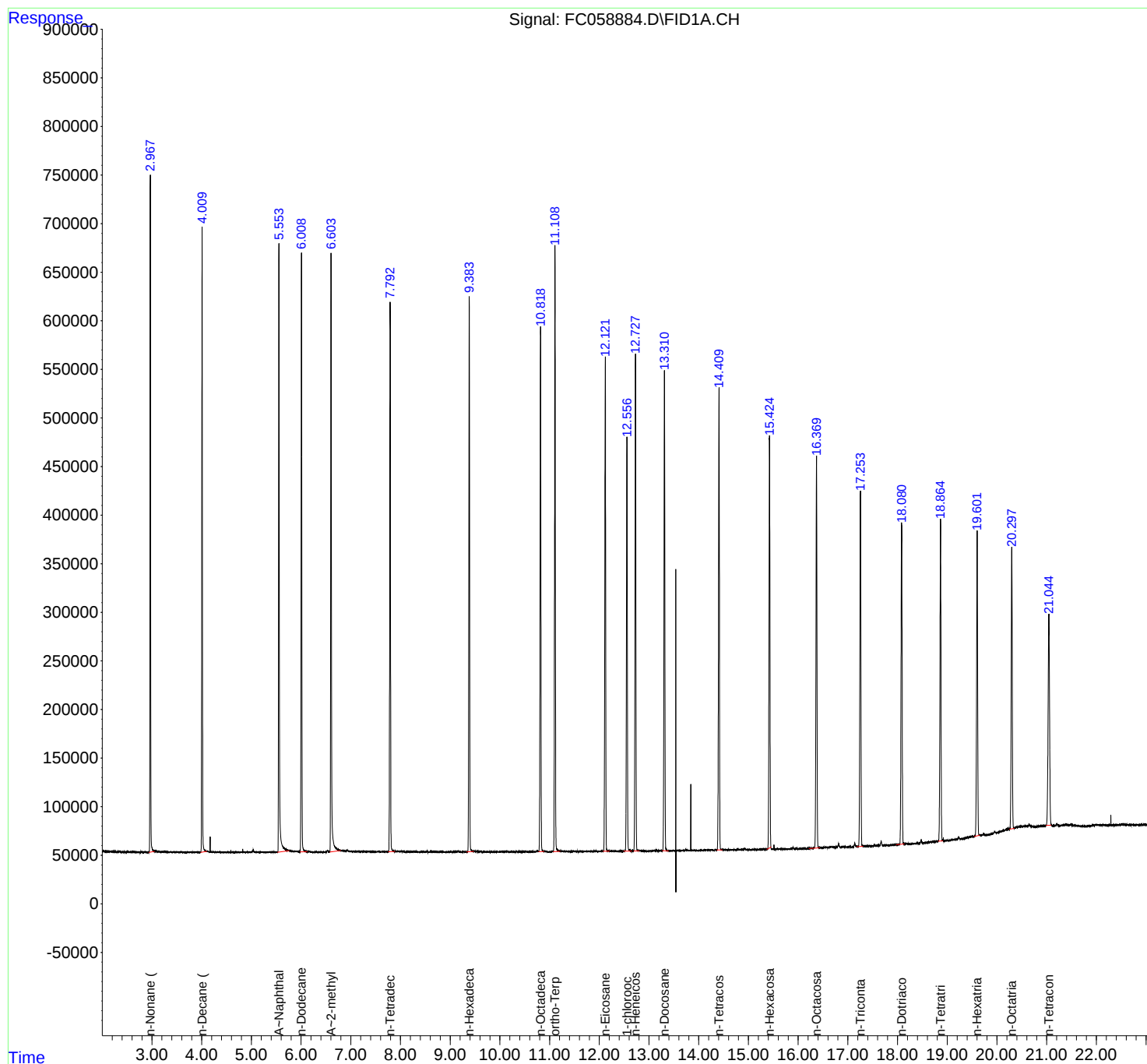
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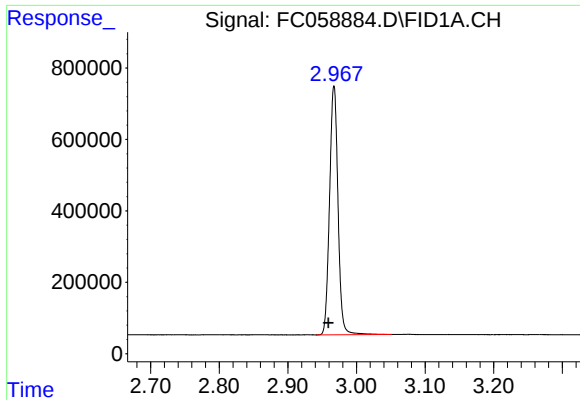
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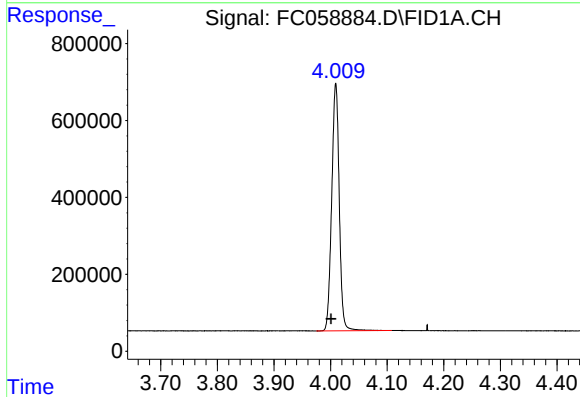
#1 n-Nonane (C9)

R.T.: 2.967 min
Delta R.T.: 0.008 min
Response: 5965746
Conc: 45.43 ug/ml

Instrument :
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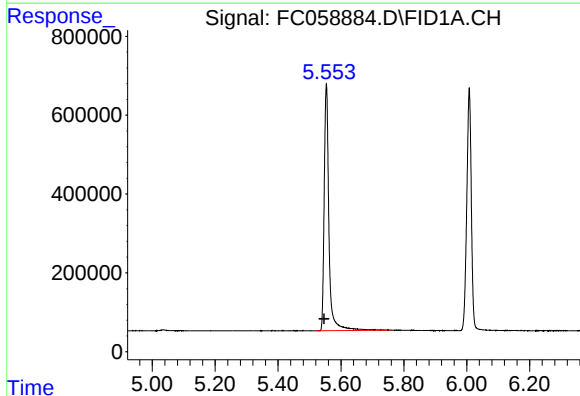
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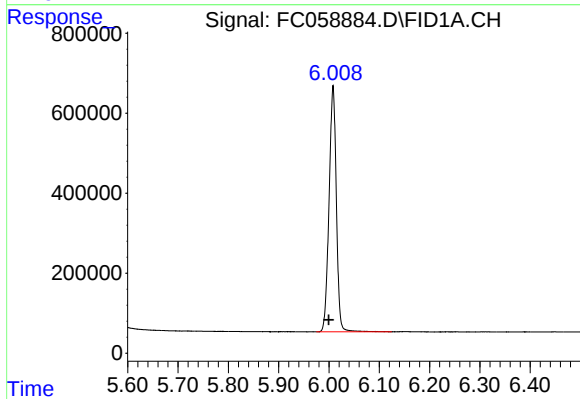
#2 n-Decane (C10)

R.T.: 4.009 min
Delta R.T.: 0.008 min
Response: 5944364
Conc: 45.25 ug/ml



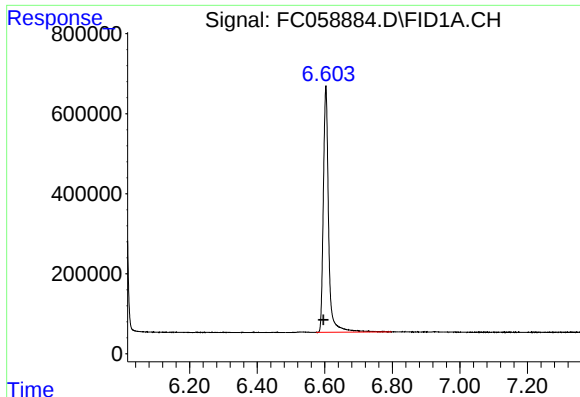
#3 A~Naphthalene (C11.7)

R.T.: 5.554 min
Delta R.T.: 0.007 min
Response: 6555934
Conc: 47.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.008 min
Delta R.T.: 0.009 min
Response: 6187052
Conc: 45.13 ug/ml



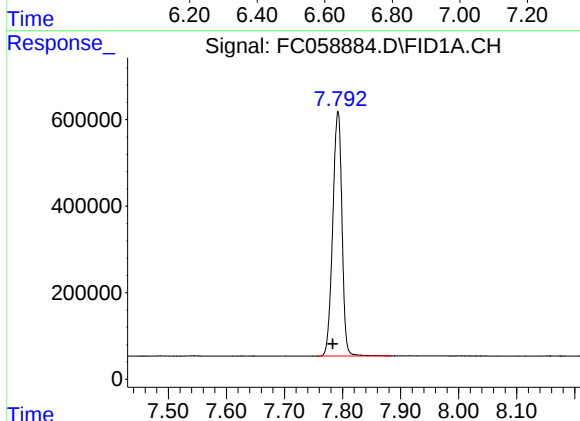
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.603 min
Delta R.T.: 0.007 min
Response: 6670759
Conc: 47.91 ug/ml

Instrument :
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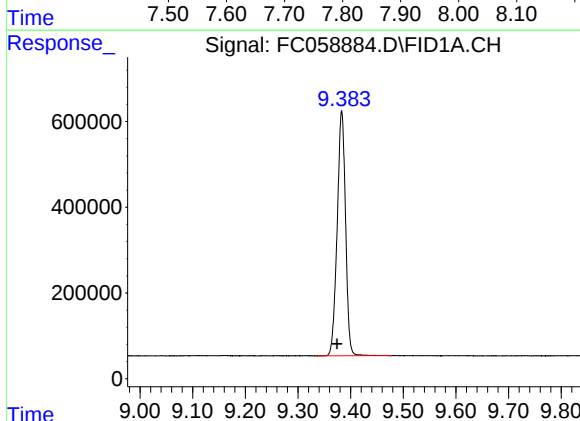
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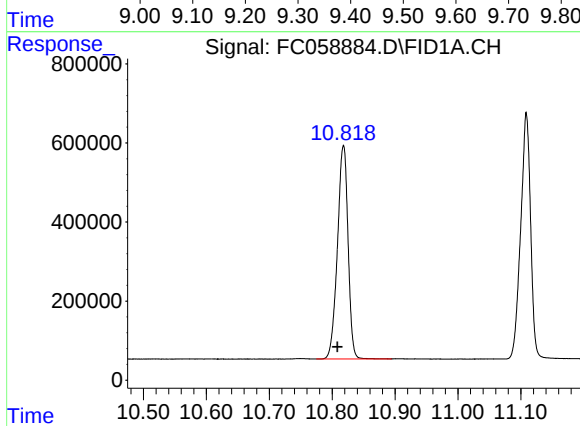
#6 n-Tetradecane (C14)

R.T.: 7.792 min
Delta R.T.: 0.009 min
Response: 6258921
Conc: 44.99 ug/ml



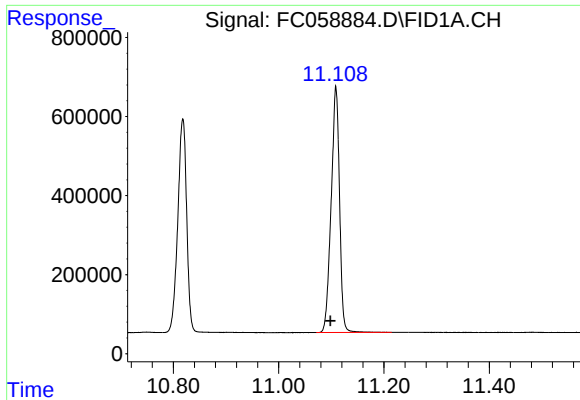
#7 n-Hexadecane (C16)

R.T.: 9.383 min
Delta R.T.: 0.009 min
Response: 6311048
Conc: 44.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.818 min
Delta R.T.: 0.009 min
Response: 6330277
Conc: 44.41 ug/ml



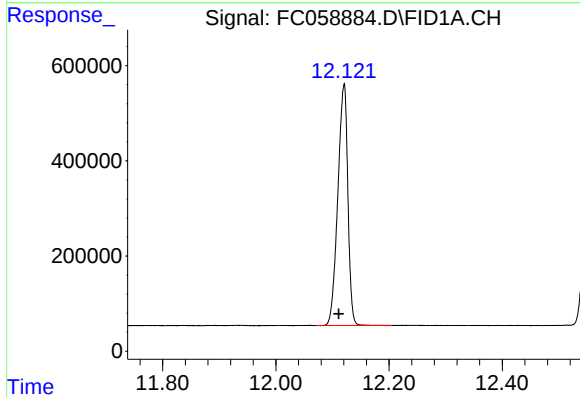
#9 ortho-Terphenyl (SURR)

R.T.: 11.109 min
Delta R.T.: 0.010 min
Response: 6867919
Conc: 44.55 ug/ml

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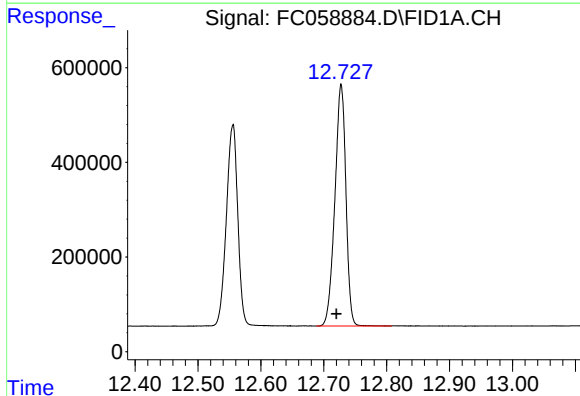
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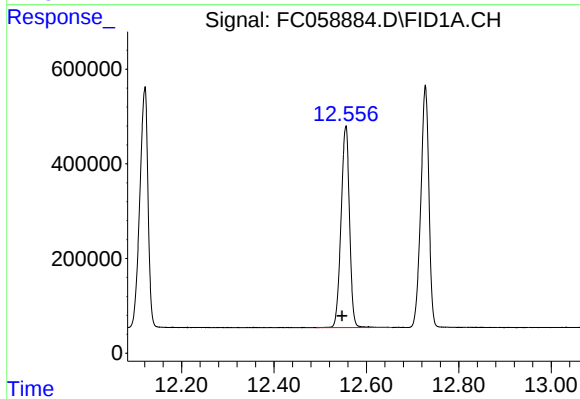
#10 n-Eicosane (C20)

R.T.: 12.120 min
Delta R.T.: 0.009 min
Response: 6236493
Conc: 44.50 ug/ml



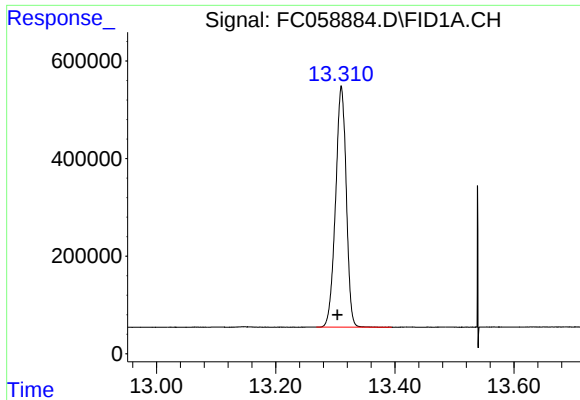
#11 n-Heneicosane (C21)

R.T.: 12.728 min
Delta R.T.: 0.008 min
Response: 6212061
Conc: 44.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.555 min
Delta R.T.: 0.007 min
Response: 5384386
Conc: 44.97 ug/ml



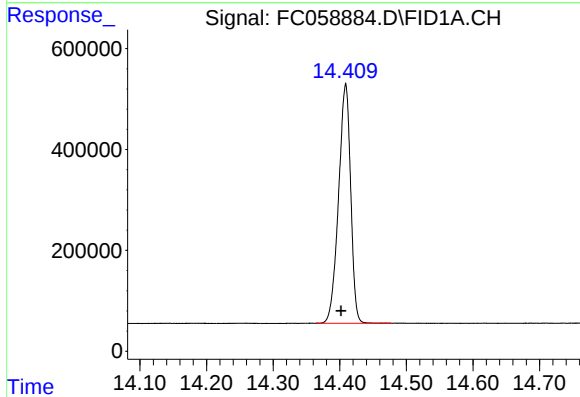
#13 n-Docosane (C22)

R.T.: 13.310 min
Delta R.T.: 0.007 min
Response: 6145348
Conc: 44.41 ug/ml

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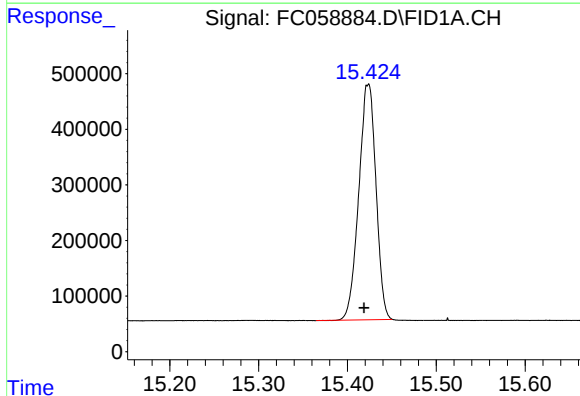
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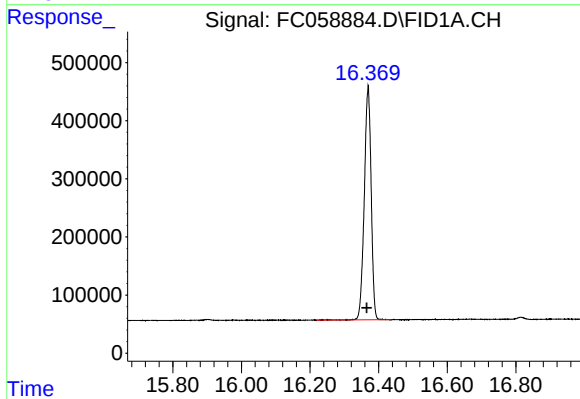
#14 n-Tetracosane (C24)

R.T.: 14.409 min
Delta R.T.: 0.007 min
Response: 5978474
Conc: 44.34 ug/ml



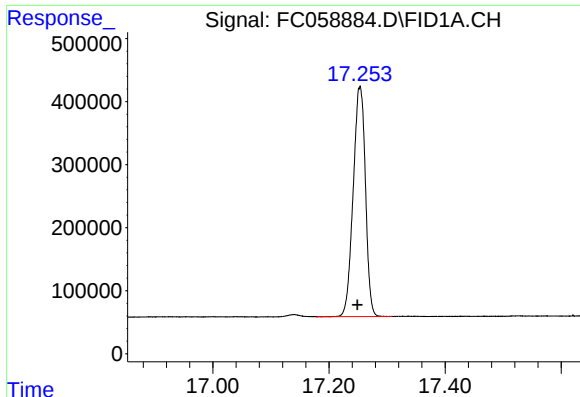
#15 n-Hexacosane (C26)

R.T.: 15.423 min
Delta R.T.: 0.005 min
Response: 5708295
Conc: 44.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.369 min
Delta R.T.: 0.004 min
Response: 5571535
Conc: 44.00 ug/ml



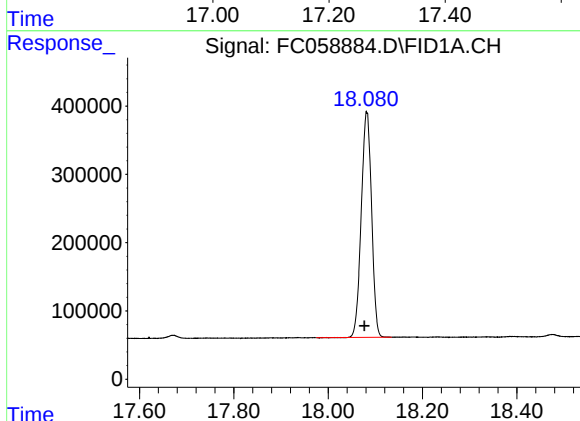
#17 n-Tricontane (C30)

R.T.: 17.253 min
Delta R.T.: 0.004 min
Response: 5341362
Conc: 44.15 ug/ml

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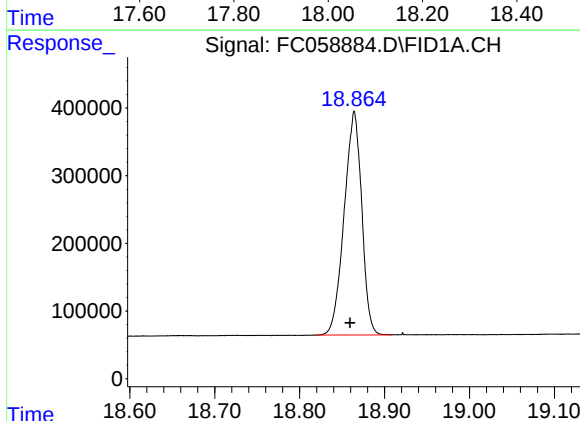
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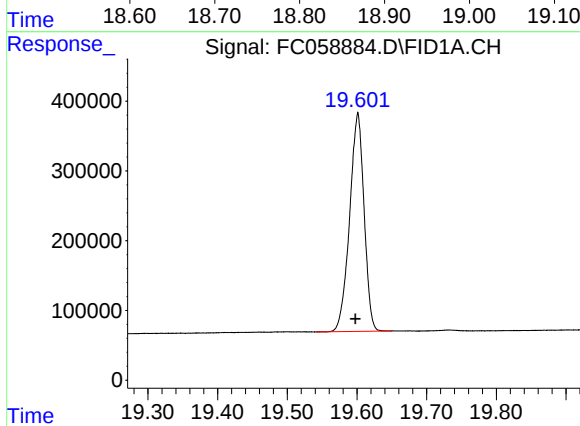
#18 n-Dotriacontane (C32)

R.T.: 18.082 min
Delta R.T.: 0.005 min
Response: 5018019
Conc: 44.03 ug/ml



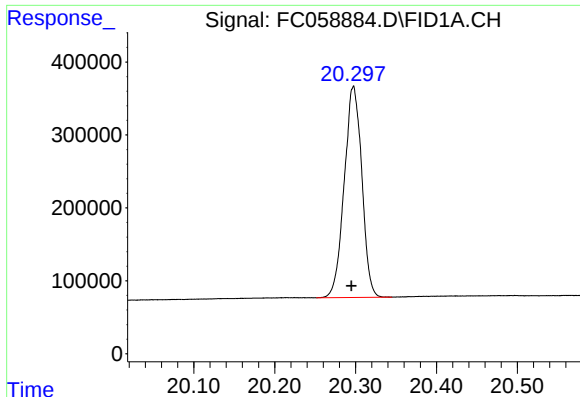
#19 n-Tetratriacontane (C34)

R.T.: 18.864 min
Delta R.T.: 0.005 min
Response: 4751969
Conc: 44.25 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.601 min
Delta R.T.: 0.003 min
Response: 4509299
Conc: 44.36 ug/ml



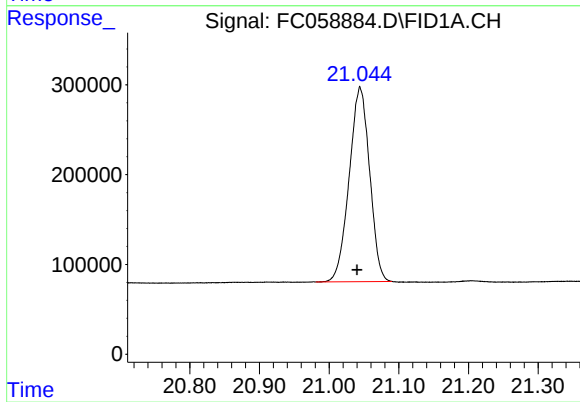
#21 n-Octatriacontane (C38)

R.T.: 20.297 min
Delta R.T.: 0.003 min
Response: 4371043
Conc: 44.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.044 min
Delta R.T.: 0.004 min
Response: 4410854
Conc: 44.49 ug/ml