

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082420AL\
 Data File : FC049201.D
 Signal(s) : FID1A.CH
 Acq On : 25 Aug 2020 12:49
 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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 8/25/2020 3:22:25 PM

Integration File: autoint1.e
 Quant Time: Aug 25 13:25:08 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 2020
 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)	11.689	2520472	21.213 ug/ml
Spiked Amount 50.000		Recovery =	42.43%
12) S 1-chlorooctadecane (S...	13.121	2035067	20.920 ug/ml
Spiked Amount 50.000		Recovery =	41.84%
Target Compounds			
1) T n-Nonane (C9)	3.411	2233687	21.416 ug/ml
2) T n-Decane (C10)	4.487	2308954	22.014 ug/ml
3) T A~Naphthalene (C11.7)	6.091	2624904	22.195 ug/ml
4) T n-Dodecane (C12)	6.515	2385457	22.490 ug/ml
5) T A~2-methylnaphthalene...	7.151	2718589	22.548 ug/ml
6) T n-Tetradecane (C14)	8.315	2388148	22.678 ug/ml
7) T n-Hexadecane (C16)	9.919	2358557	22.470 ug/ml
8) T n-Octadecane (C18)	11.364	2441494	22.224 ug/ml
10) T n-Eicosane (C20)	12.675	2415796	21.709 ug/ml
11) T n-Heneicosane (C21)	13.287	2362752	21.151 ug/ml
13) T n-Docosane (C22)	13.874	2357744	20.976 ug/ml
14) T n-Tetracosane (C24)	14.977	2331356	20.507 ug/ml
15) T n-Hexacosane (C26)	15.997	2361234	20.637 ug/ml
16) T n-Octacosane (C28)	16.947	2345278	20.159 ug/ml
17) T n-Tricontane (C30)	17.833	2223937	19.238 ug/ml
18) T n-Dotriacontane (C32)	18.665	1967589	18.197 ug/ml
19) T n-Tetratriacontane (C34)	19.447	1879056	18.117 ug/mlm
20) T n-Hexatriacontane (C36)	20.186	1730546	17.405 ug/mlm
21) T n-Octatriacontane (C38)	20.941	1659605	17.551 ug/mlm
22) T n-Tetracontane (C40)	21.899	1768538	18.525 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

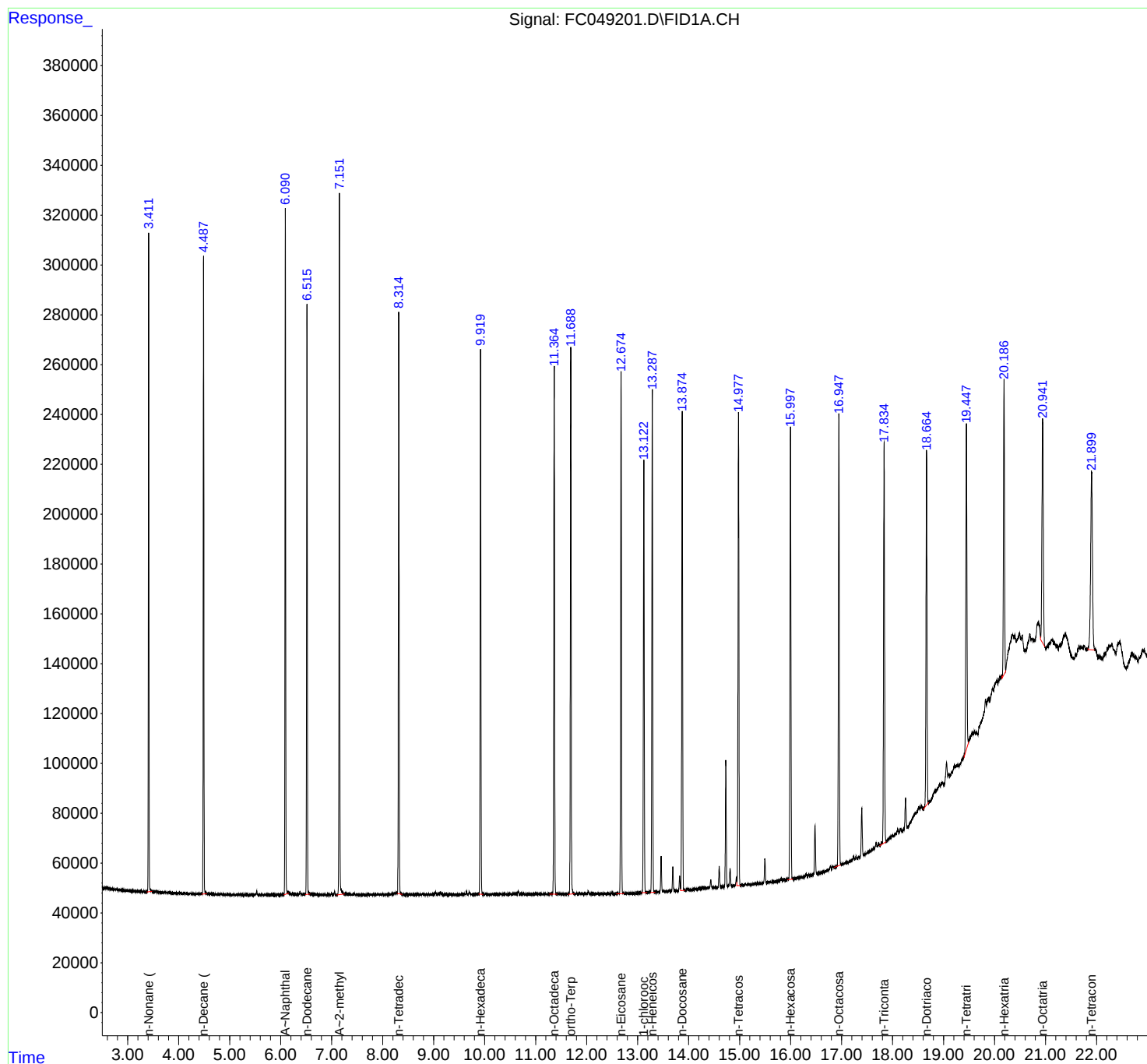
Instrument :
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20 PPM ALIPHATIC HC STD

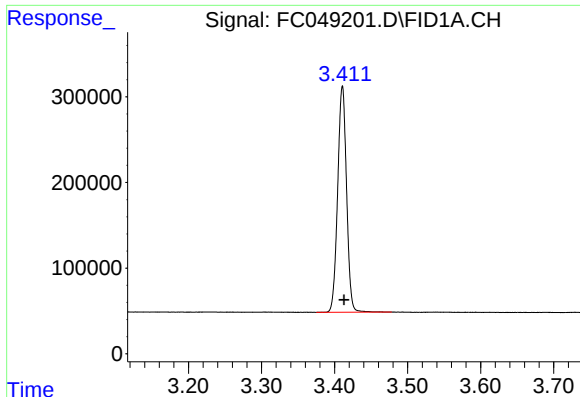
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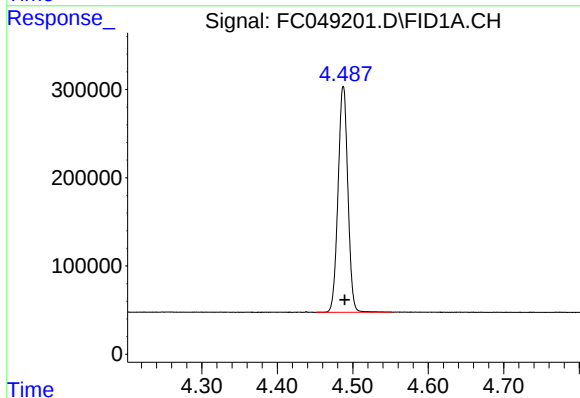
#1 n-Nonane (C9)

R.T.: 3.411 min
Delta R.T.: -0.002 min
Response: 2233687
Conc: 21.42 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

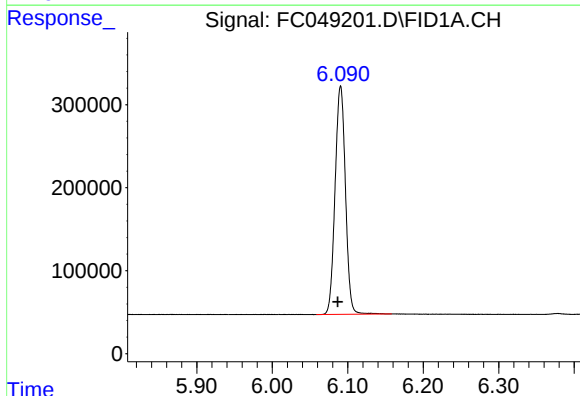
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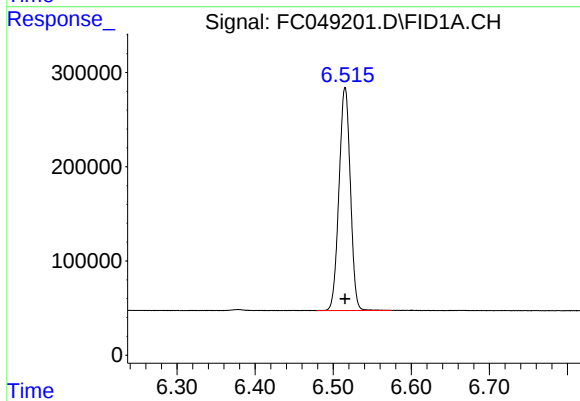
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.002 min
Response: 2308954
Conc: 22.01 ug/ml



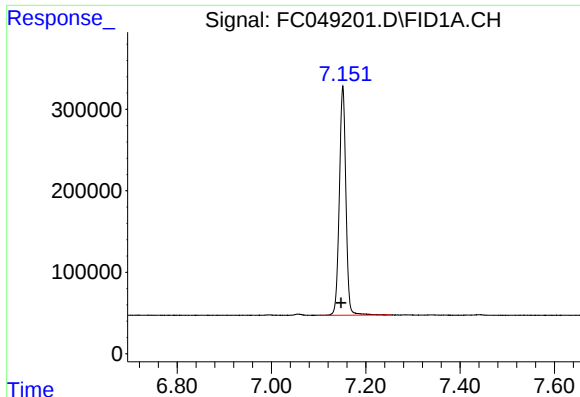
#3 A~Naphthalene (C11.7)

R.T.: 6.091 min
Delta R.T.: 0.004 min
Response: 2624904
Conc: 22.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.515 min
Delta R.T.: 0.000 min
Response: 2385457
Conc: 22.49 ug/ml



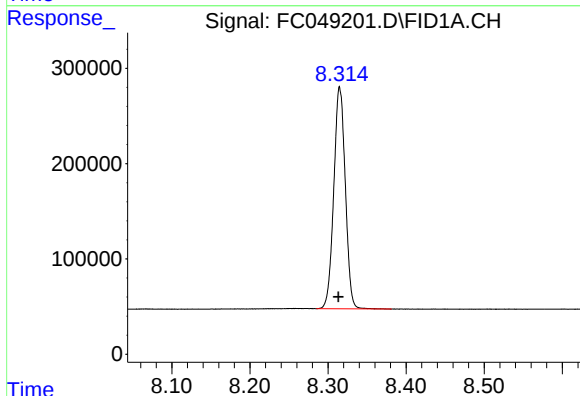
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.151 min
Delta R.T.: 0.004 min
Response: 2718589
Conc: 22.55 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

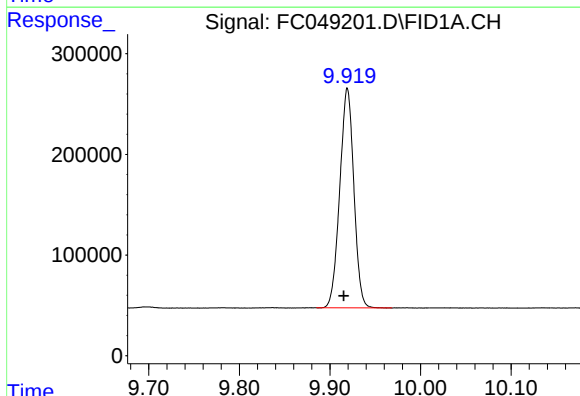
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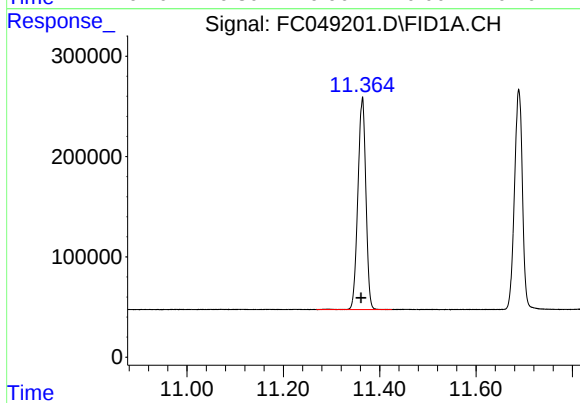
#6 n-Tetradecane (C14)

R.T.: 8.315 min
Delta R.T.: 0.002 min
Response: 2388148
Conc: 22.68 ug/ml



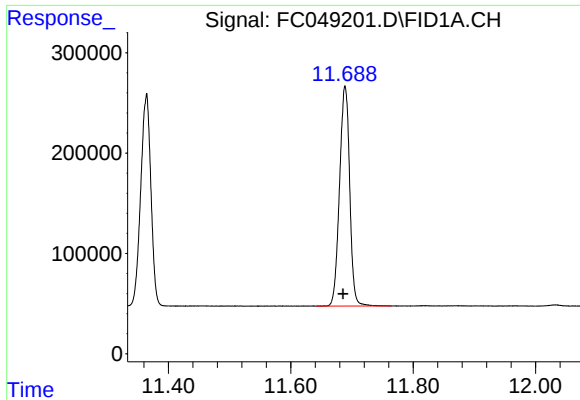
#7 n-Hexadecane (C16)

R.T.: 9.919 min
Delta R.T.: 0.004 min
Response: 2358557
Conc: 22.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.364 min
Delta R.T.: 0.003 min
Response: 2441494
Conc: 22.22 ug/ml



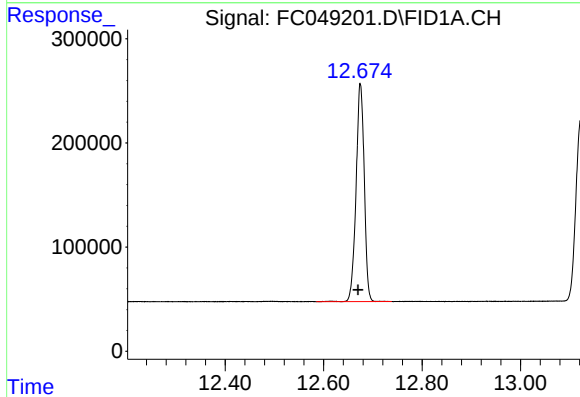
#9 ortho-Terphenyl (SURR)

R.T.: 11.689 min
Delta R.T.: 0.003 min
Response: 2520472
Conc: 21.21 ug/ml

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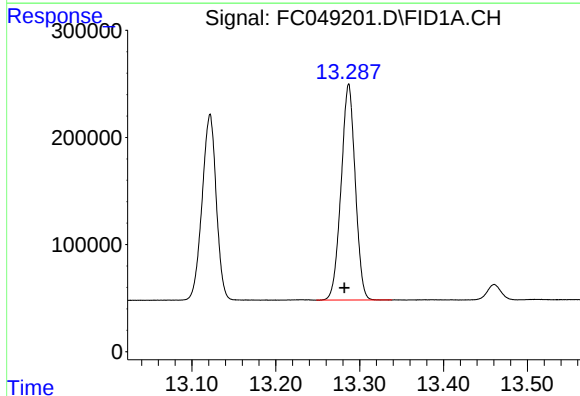
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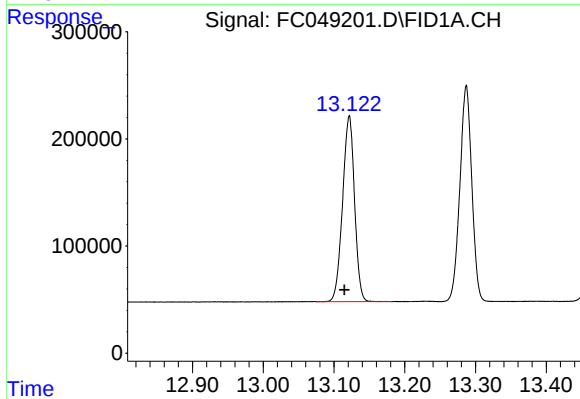
#10 n-Eicosane (C20)

R.T.: 12.675 min
Delta R.T.: 0.005 min
Response: 2415796
Conc: 21.71 ug/ml



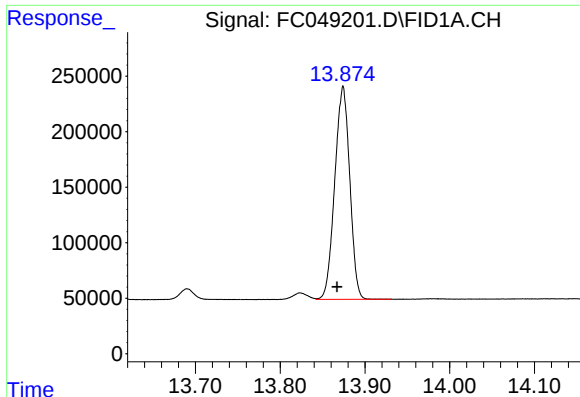
#11 n-Heneicosane (C21)

R.T.: 13.287 min
Delta R.T.: 0.005 min
Response: 2362752
Conc: 21.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.121 min
Delta R.T.: 0.006 min
Response: 2035067
Conc: 20.92 ug/ml



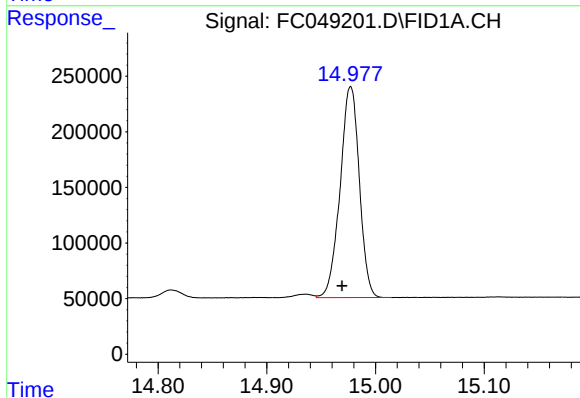
#13 n-Docosane (C22)

R.T.: 13.874 min
Delta R.T.: 0.007 min
Response: 2357744
Conc: 20.98 ug/ml

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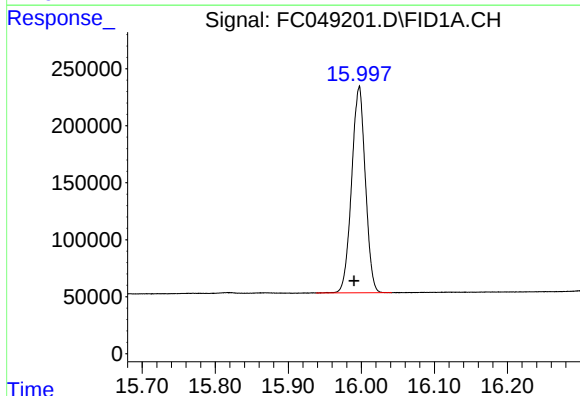
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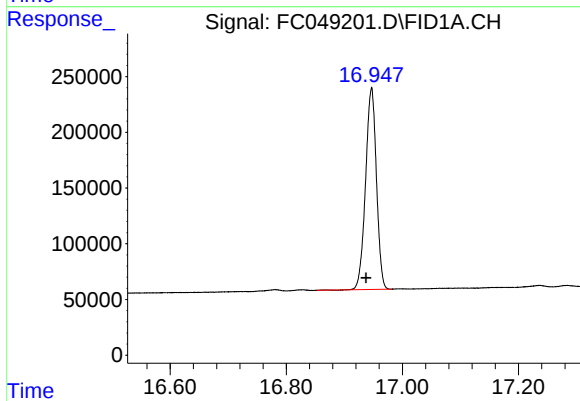
#14 n-Tetracosane (C24)

R.T.: 14.977 min
Delta R.T.: 0.008 min
Response: 2331356
Conc: 20.51 ug/ml



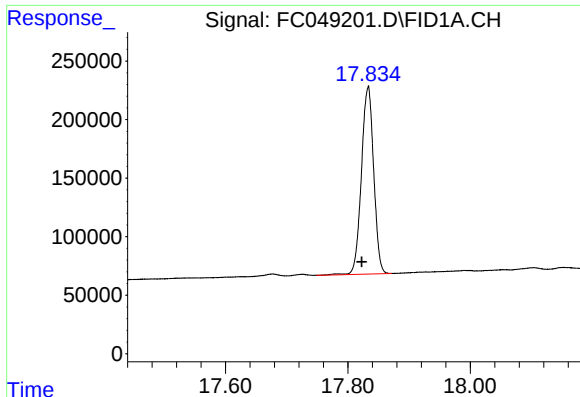
#15 n-Hexacosane (C26)

R.T.: 15.997 min
Delta R.T.: 0.006 min
Response: 2361234
Conc: 20.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.947 min
Delta R.T.: 0.009 min
Response: 2345278
Conc: 20.16 ug/ml



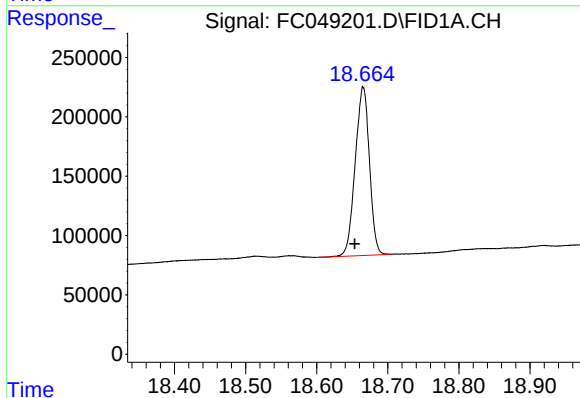
#17 n-Tricontane (C30)

R.T.: 17.833 min
Delta R.T.: 0.010 min
Response: 2223937
Conc: 19.24 ug/ml

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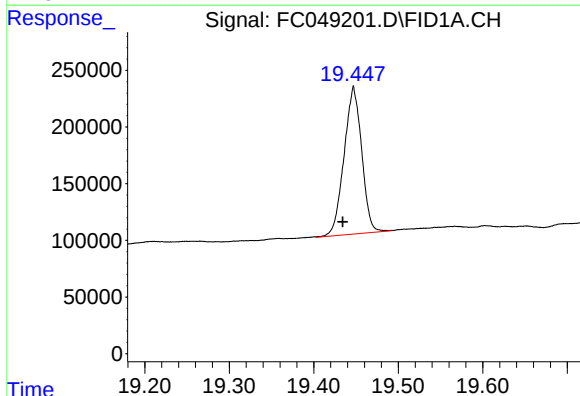
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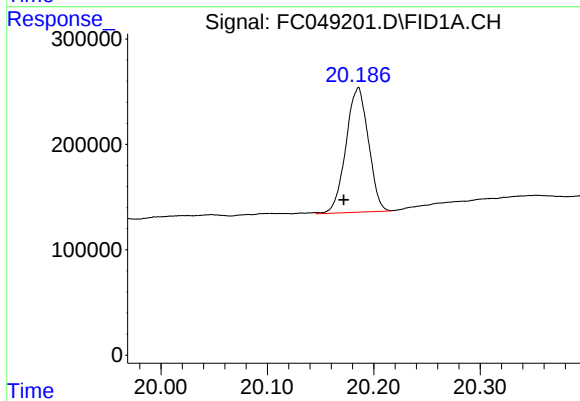
#18 n-Dotriacontane (C32)

R.T.: 18.665 min
Delta R.T.: 0.012 min
Response: 1967589
Conc: 18.20 ug/ml



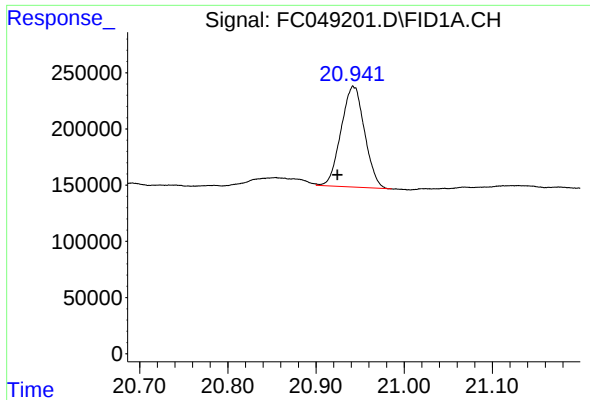
#19 n-Tetratriacontane (C34)

R.T.: 19.447 min
Delta R.T.: 0.012 min
Response: 1879056
Conc: 18.12 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.186 min
Delta R.T.: 0.014 min
Response: 1730546
Conc: 17.40 ug/ml m



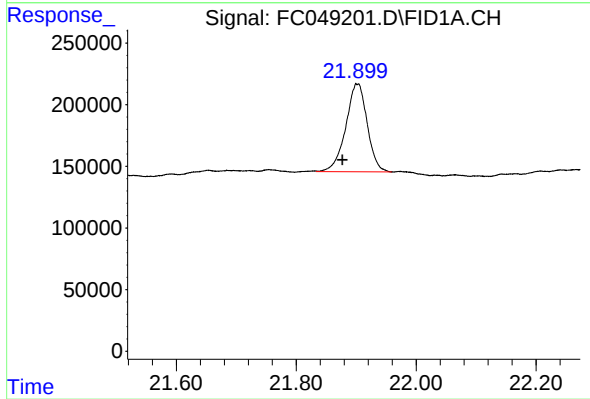
#21 n-Octatriacontane (C38)

R.T.: 20.941 min
Delta R.T.: 0.017 min
Response: 1659605
Conc: 17.55 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.899 min
Delta R.T.: 0.022 min
Response: 1768538
Conc: 18.53 ug/ml m