

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031522AL\
 Data File : FC058761.D
 Signal(s) : FID1A.CH
 Acq On : 16 Mar 2022 3:05
 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 03/17/2022
 Supervised By :Ankita Jodhani 03/17/2022

Integration File: sample.E
 Quant Time: Mar 16 04:33:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.397	2807848	19.278 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
12) S 1-chlorooctadecane (S...	12.828	2142918	18.905 ug/ml
Spiked Amount 50.000		Recovery =	37.81%
Target Compounds			
1) T n-Nonane (C9)	3.252	2554296	21.241 ug/ml
2) T n-Decane (C10)	4.302	2535510	21.307 ug/ml
3) T A~Naphthalene (C11.7)	5.865	2618874	20.179 ug/ml
4) T n-Dodecane (C12)	6.296	2650716	21.547 ug/ml
5) T A~2-methylnaphthalene...	6.911	2566495	19.686 ug/ml
6) T n-Tetradecane (C14)	8.073	2653174	21.173 ug/ml
7) T n-Hexadecane (C16)	9.659	2655278	20.619 ug/ml
8) T n-Octadecane (C18)	11.089	2643351	20.087 ug/ml
10) T n-Eicosane (C20)	12.388	2568875	19.536 ug/ml
11) T n-Heneicosane (C21)	12.996	2547064	19.273 ug/ml
13) T n-Docosane (C22)	13.578	2491919	19.114 ug/ml
14) T n-Tetracosane (C24)	14.674	2427847	18.801 ug/ml
15) T n-Hexacosane (C26)	15.688	2358112	19.063 ug/ml
16) T n-Octacosane (C28)	16.632	2353238	19.769 ug/ml
17) T n-Tricontane (C30)	17.515	2341341	20.800 ug/ml
18) T n-Dotriacontane (C32)	18.343	2255104	20.972 ug/ml
19) T n-Tetratriacontane (C34)	19.122	2161947	22.313 ug/ml
20) T n-Hexatriacontane (C36)	19.858	2058299	22.815 ug/ml
21) T n-Octatriacontane (C38)	20.560	2002911	23.016 ug/mlm
22) T n-Tetracontane (C40)	21.387	2006217	23.907 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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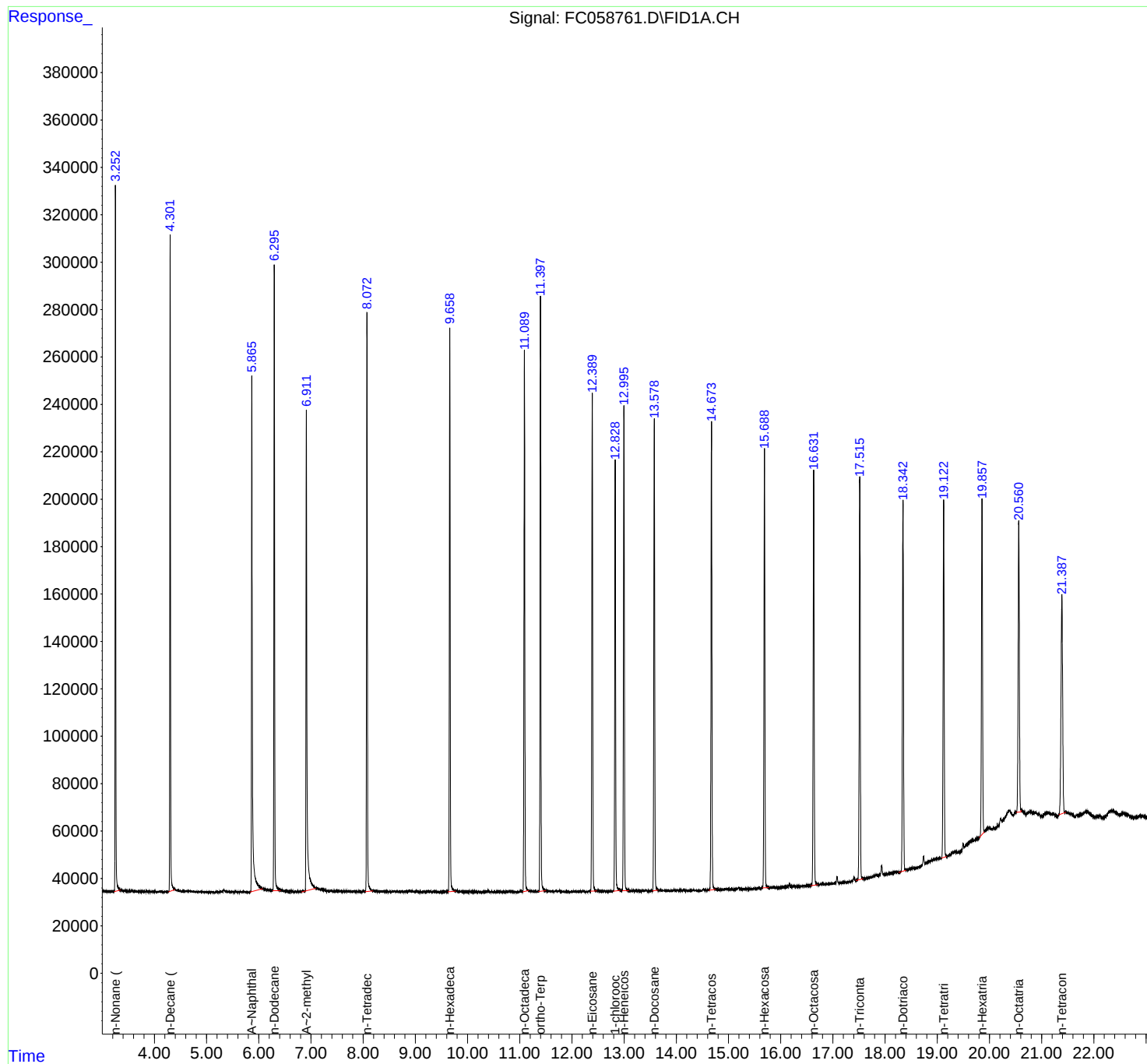
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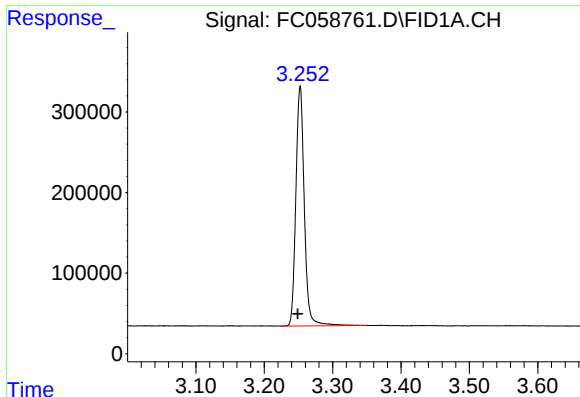
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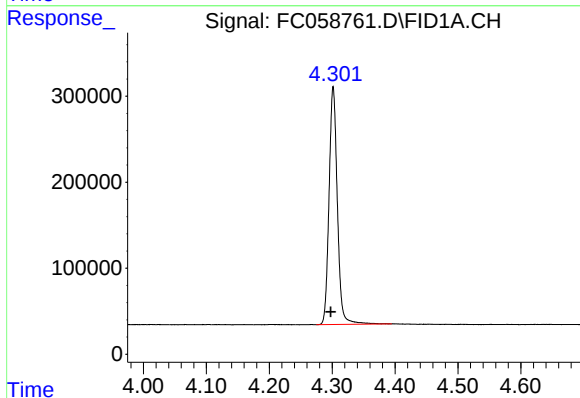
#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: 0.003 min
Response: 2554296
Conc: 21.24 ug/ml

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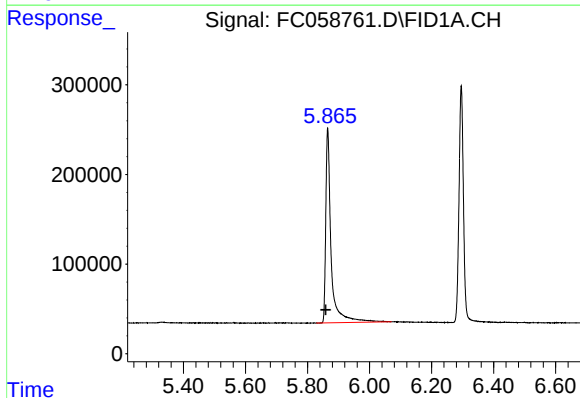
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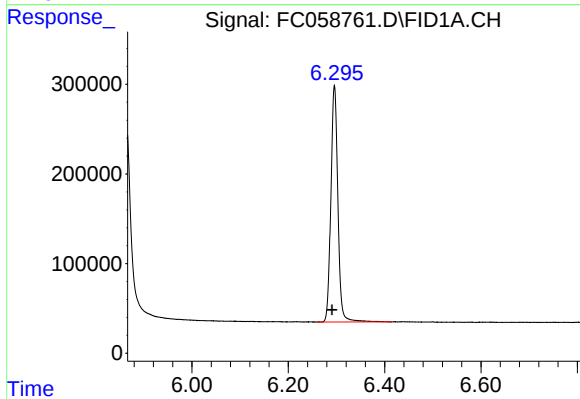
#2 n-Decane (C10)

R.T.: 4.302 min
Delta R.T.: 0.004 min
Response: 2535510
Conc: 21.31 ug/ml



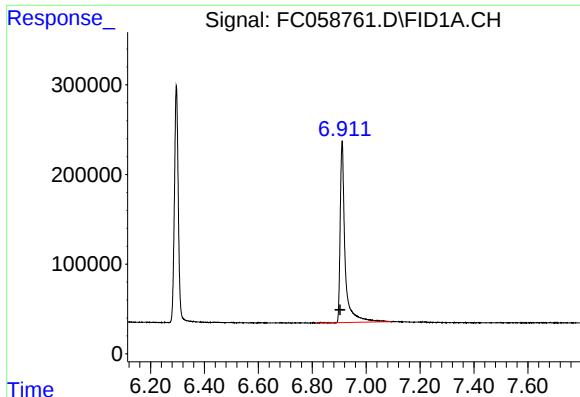
#3 A~Naphthalene (C11.7)

R.T.: 5.865 min
Delta R.T.: 0.006 min
Response: 2618874
Conc: 20.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.296 min
Delta R.T.: 0.005 min
Response: 2650716
Conc: 21.55 ug/ml



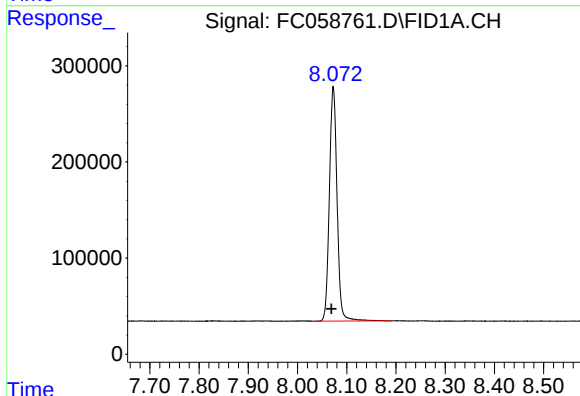
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.911 min
Delta R.T.: 0.008 min
Response: 2566495
Conc: 19.69 ug/ml

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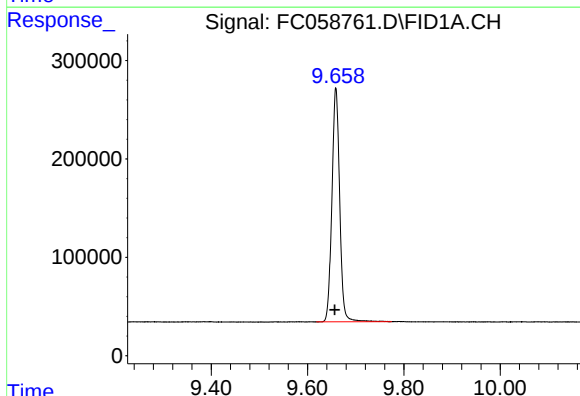
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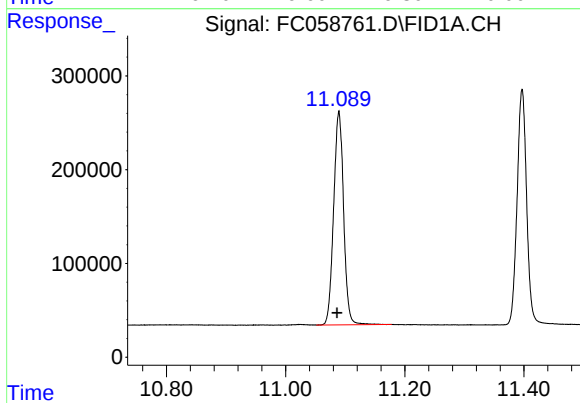
#6 n-Tetradecane (C14)

R.T.: 8.073 min
Delta R.T.: 0.004 min
Response: 2653174
Conc: 21.17 ug/ml



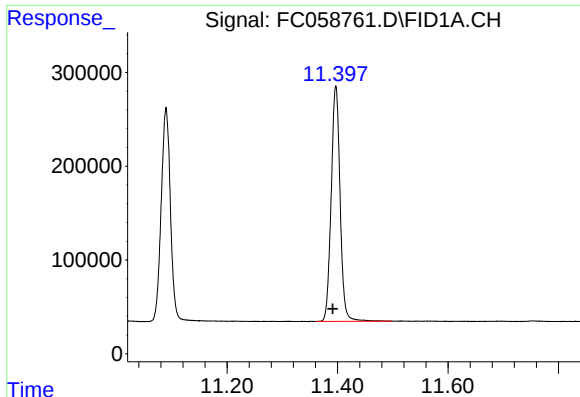
#7 n-Hexadecane (C16)

R.T.: 9.659 min
Delta R.T.: 0.002 min
Response: 2655278
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.089 min
Delta R.T.: 0.003 min
Response: 2643351
Conc: 20.09 ug/ml



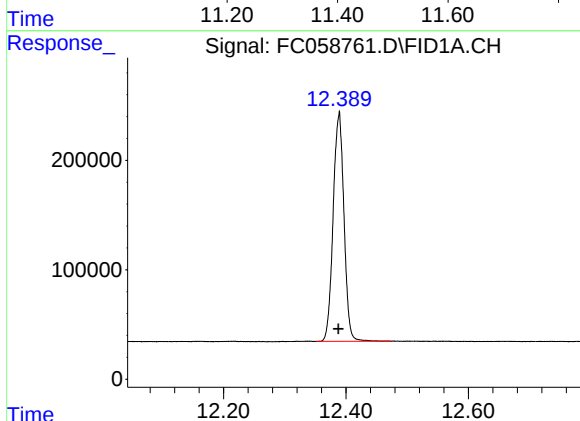
#9 ortho-Terphenyl (SURR)

R.T.: 11.397 min
Delta R.T.: 0.006 min
Response: 2807848
Conc: 19.28 ug/ml

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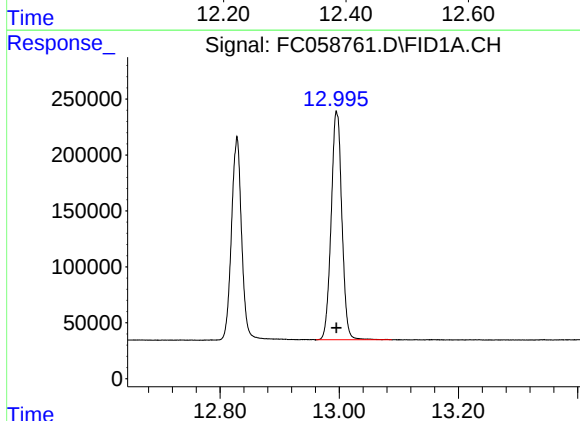
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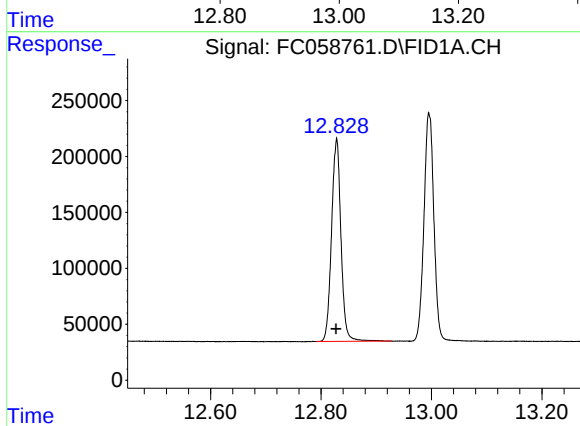
#10 n-Eicosane (C20)

R.T.: 12.388 min
Delta R.T.: 0.000 min
Response: 2568875
Conc: 19.54 ug/ml



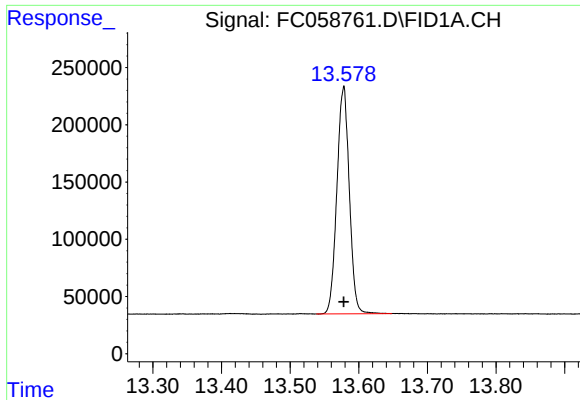
#11 n-Heneicosane (C21)

R.T.: 12.996 min
Delta R.T.: 0.000 min
Response: 2547064
Conc: 19.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.828 min
Delta R.T.: 0.001 min
Response: 2142918
Conc: 18.91 ug/ml



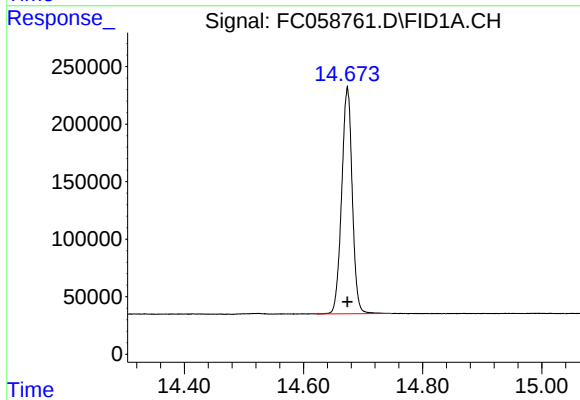
#13 n-Docosane (C22)

R.T.: 13.578 min
Delta R.T.: 0.000 min
Response: 2491919
Conc: 19.11 ug/ml

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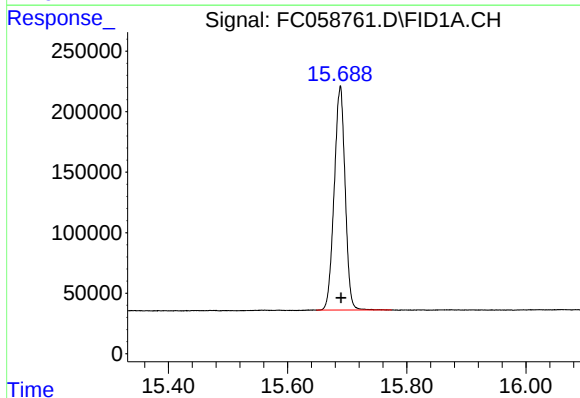
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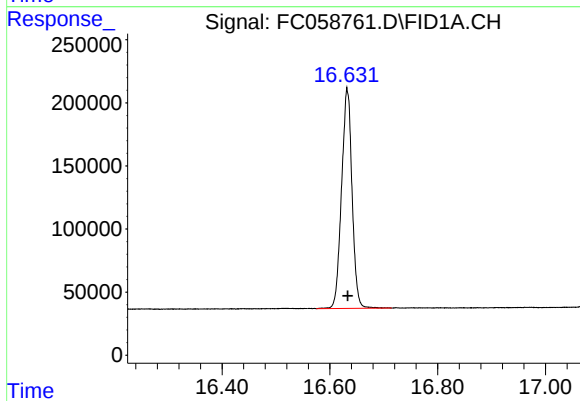
#14 n-Tetracosane (C24)

R.T.: 14.674 min
Delta R.T.: 0.000 min
Response: 2427847
Conc: 18.80 ug/ml



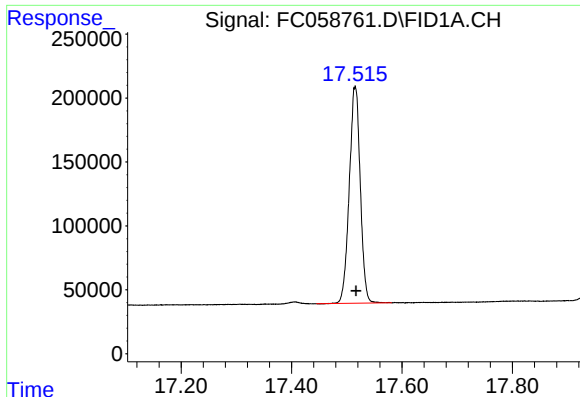
#15 n-Hexacosane (C26)

R.T.: 15.688 min
Delta R.T.: -0.001 min
Response: 2358112
Conc: 19.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.632 min
Delta R.T.: 0.000 min
Response: 2353238
Conc: 19.77 ug/ml



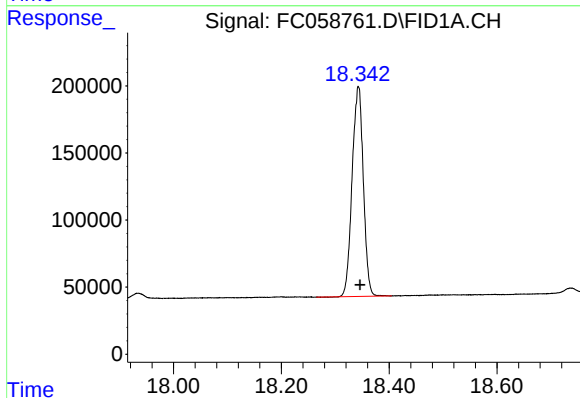
#17 n-Tricontane (C30)

R.T.: 17.515 min
Delta R.T.: -0.002 min
Response: 2341341
Conc: 20.80 ug/ml

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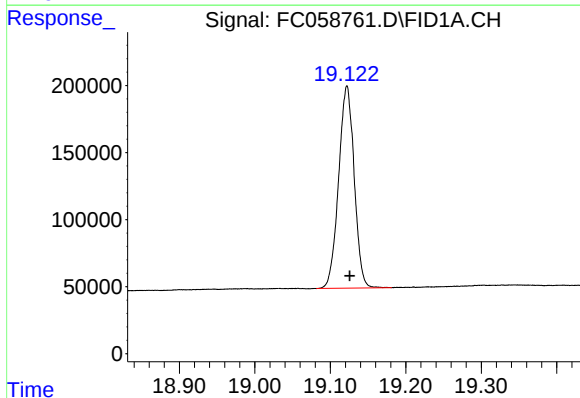
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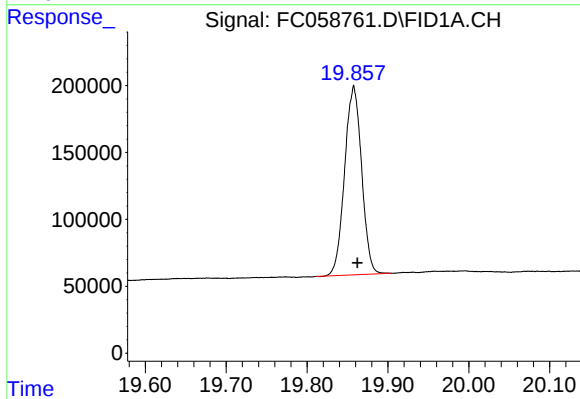
#18 n-Dotriacontane (C32)

R.T.: 18.343 min
Delta R.T.: -0.003 min
Response: 2255104
Conc: 20.97 ug/ml



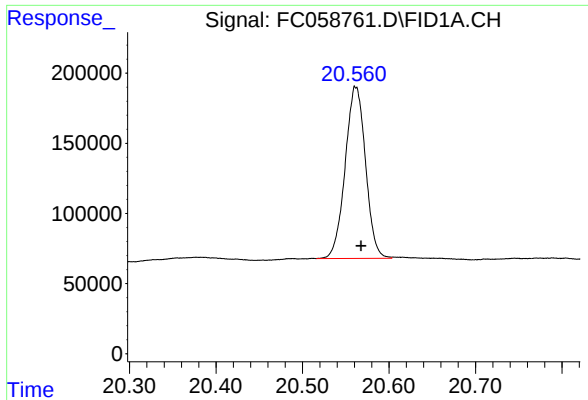
#19 n-Tetratriacontane (C34)

R.T.: 19.122 min
Delta R.T.: -0.004 min
Response: 2161947
Conc: 22.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.858 min
Delta R.T.: -0.005 min
Response: 2058299
Conc: 22.82 ug/ml



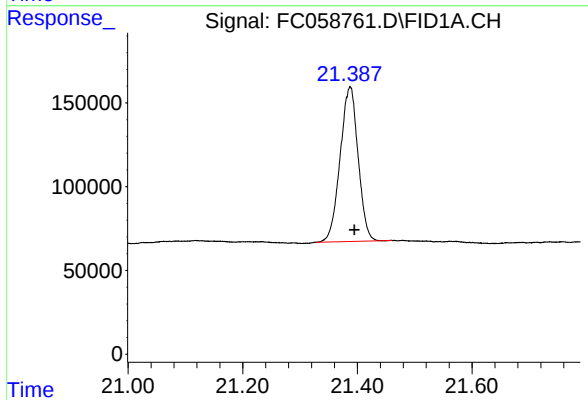
#21 n-Octatriacontane (C38)

R.T.: 20.560 min
Delta R.T.: -0.008 min
Response: 2002911
Conc: 23.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.387 min
Delta R.T.: -0.008 min
Response: 2006217
Conc: 23.91 ug/ml