

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022322AL\
 Data File : FC058432.D
 Signal(s) : FID1A.CH
 Acq On : 23 Feb 2022 20:55
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/24/2022
 Supervised By :Ankita Jodhani 02/24/2022

Integration File: autoint1.e
 Quant Time: Feb 23 22:55:17 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)	11.391	2914152	20.008 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
12) S 1-chlorooctadecane (S...	12.825	2272267	20.046 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
Target Compounds			
1) T n-Nonane (C9)	3.246	2403907	19.990 ug/ml
2) T n-Decane (C10)	4.295	2382838	20.024 ug/ml
3) T A~Naphthalene (C11.7)	5.854	2650249	20.421 ug/ml
4) T n-Dodecane (C12)	6.289	2465116	20.039 ug/ml
5) T A~2-methylnaphthalene...	6.899	2651770	20.340 ug/ml
6) T n-Tetradecane (C14)	8.067	2513897	20.062 ug/ml
7) T n-Hexadecane (C16)	9.654	2583292	20.060 ug/ml
8) T n-Octadecane (C18)	11.086	2638778	20.052 ug/ml
10) T n-Eicosane (C20)	12.385	2622829	19.946 ug/ml
11) T n-Heneicosane (C21)	12.994	2634088	19.931 ug/ml
13) T n-Docosane (C22)	13.576	2599460	19.939 ug/ml
14) T n-Tetracosane (C24)	14.671	2552953	19.770 ug/ml
15) T n-Hexacosane (C26)	15.686	2463473	19.915 ug/ml
16) T n-Octacosane (C28)	16.631	2362329	19.846 ug/ml
17) T n-Tricontane (C30)	17.513	2257940	20.059 ug/ml
18) T n-Dotriacontane (C32)	18.341	2115375	19.672 ug/mlm
19) T n-Tetratriacontane (C34)	19.123	1959467	20.224 ug/ml
20) T n-Hexatriacontane (C36)	19.859	1811639	20.081 ug/ml
21) T n-Octatriacontane (C38)	20.563	1724861	19.821 ug/ml
22) T n-Tetracontane (C40)	21.388	1673129	19.938 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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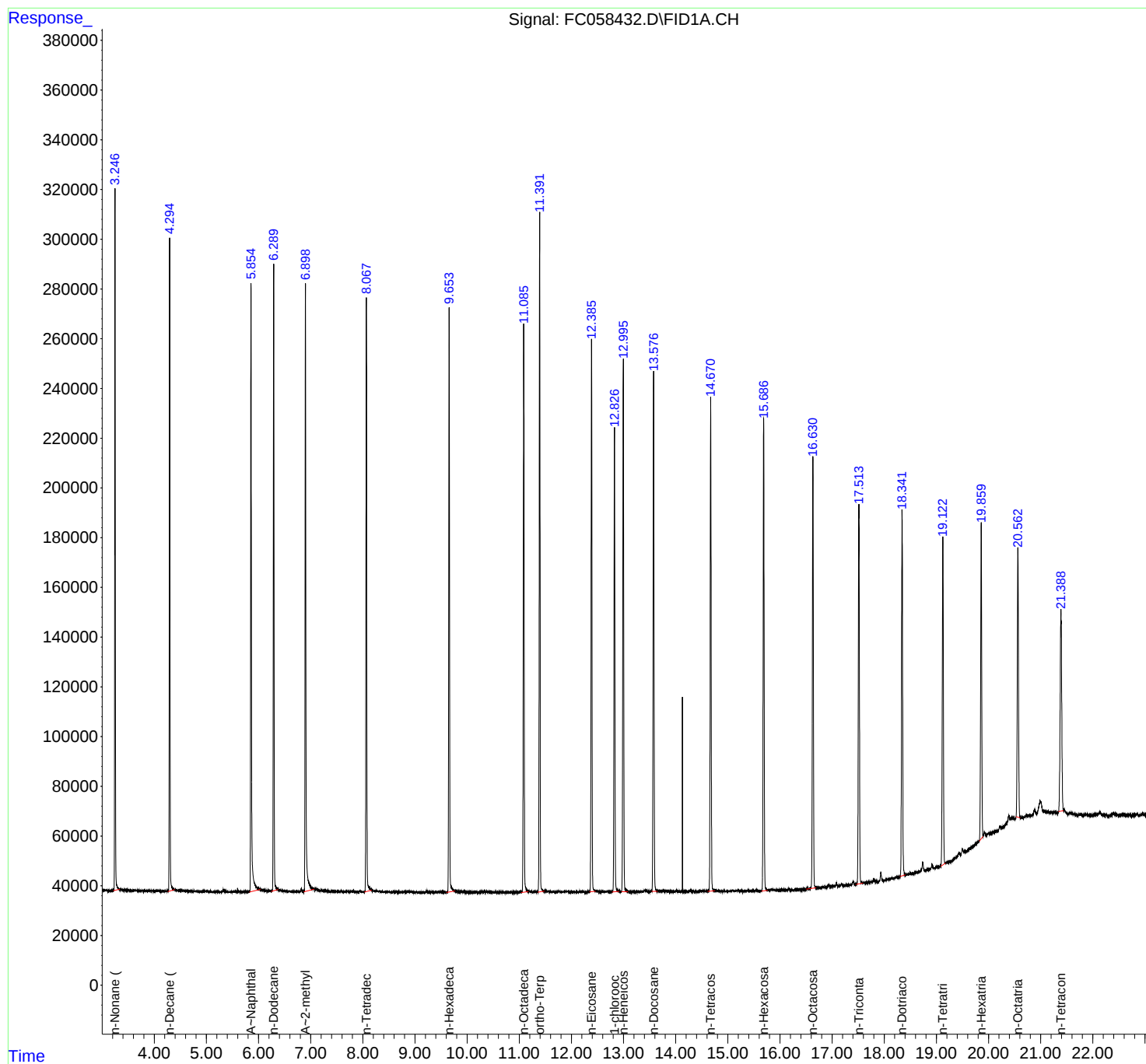
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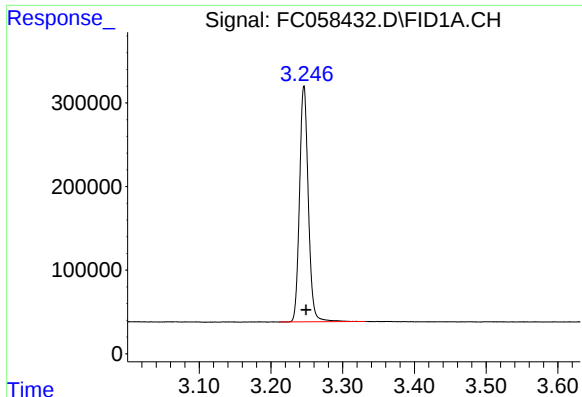
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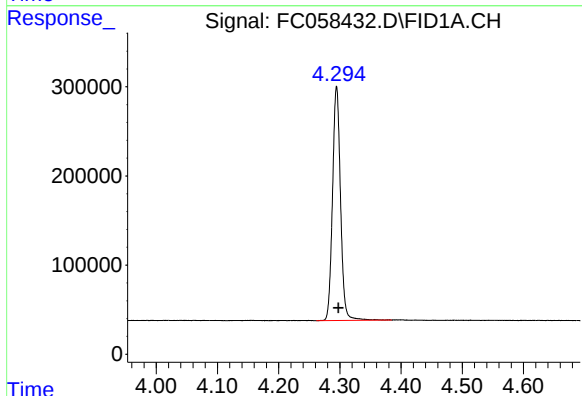
#1 n-Nonane (C9)

R.T.: 3.246 min
Delta R.T.: -0.003 min
Response: 2403907
Conc: 19.99 ug/ml

Instrument :
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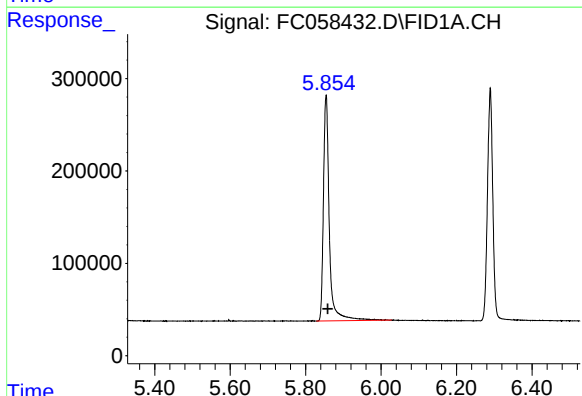
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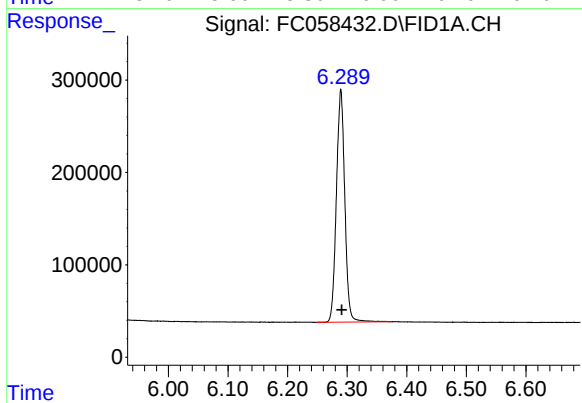
#2 n-Decane (C10)

R.T.: 4.295 min
Delta R.T.: -0.003 min
Response: 2382838
Conc: 20.02 ug/ml



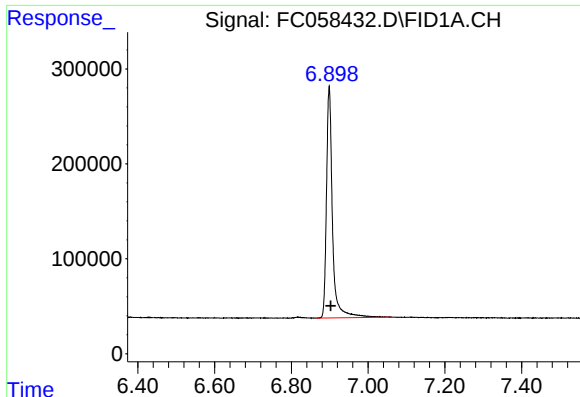
#3 A~Naphthalene (C11.7)

R.T.: 5.854 min
Delta R.T.: -0.005 min
Response: 2650249
Conc: 20.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.289 min
Delta R.T.: -0.002 min
Response: 2465116
Conc: 20.04 ug/ml



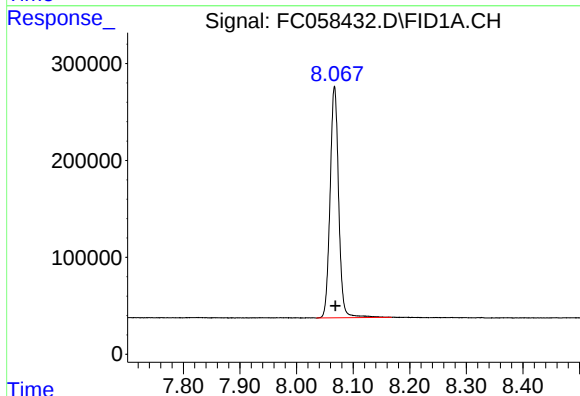
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.899 min
Delta R.T.: -0.004 min
Response: 2651770
Conc: 20.34 ug/ml

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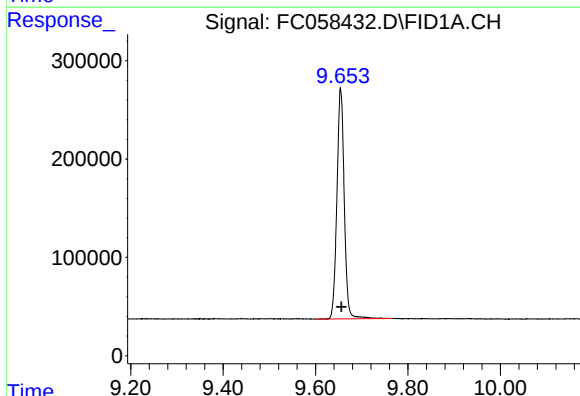
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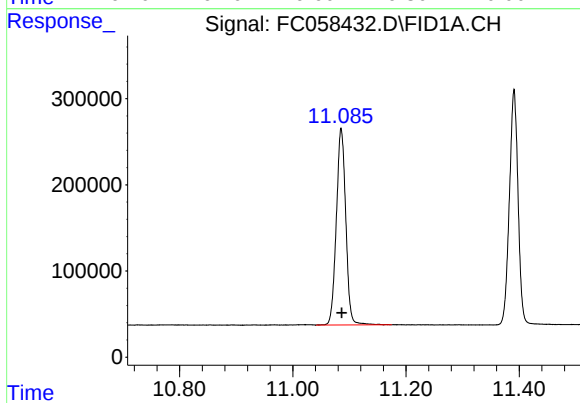
#6 n-Tetradecane (C14)

R.T.: 8.067 min
Delta R.T.: -0.002 min
Response: 2513897
Conc: 20.06 ug/ml



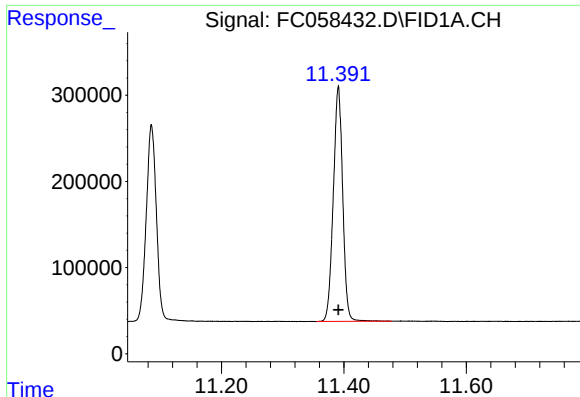
#7 n-Hexadecane (C16)

R.T.: 9.654 min
Delta R.T.: -0.002 min
Response: 2583292
Conc: 20.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.086 min
Delta R.T.: 0.000 min
Response: 2638778
Conc: 20.05 ug/ml



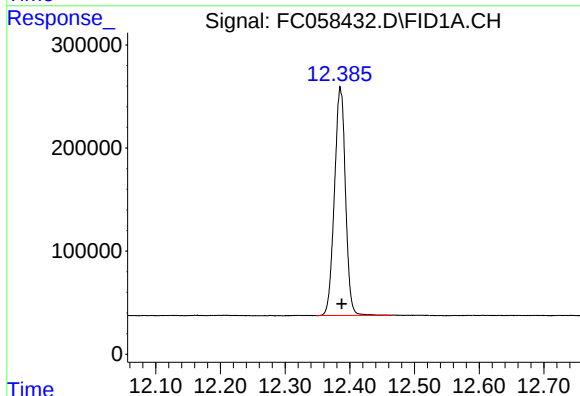
#9 ortho-Terphenyl (SURR)

R.T.: 11.391 min
Delta R.T.: 0.000 min
Response: 2914152
Conc: 20.01 ug/ml

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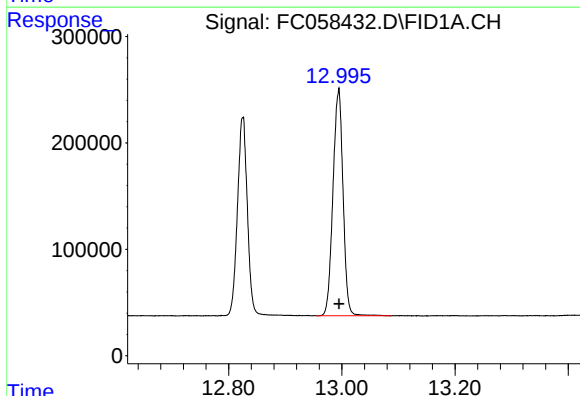
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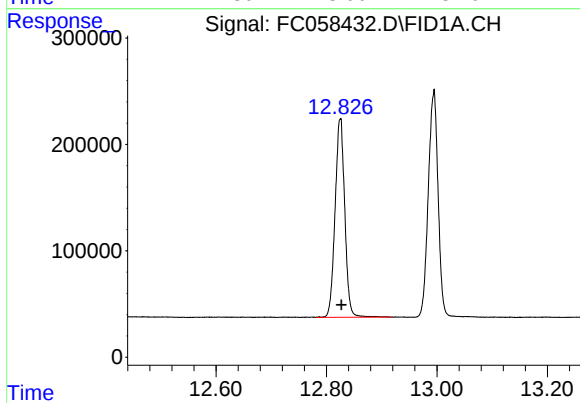
#10 n-Eicosane (C20)

R.T.: 12.385 min
Delta R.T.: -0.002 min
Response: 2622829
Conc: 19.95 ug/ml



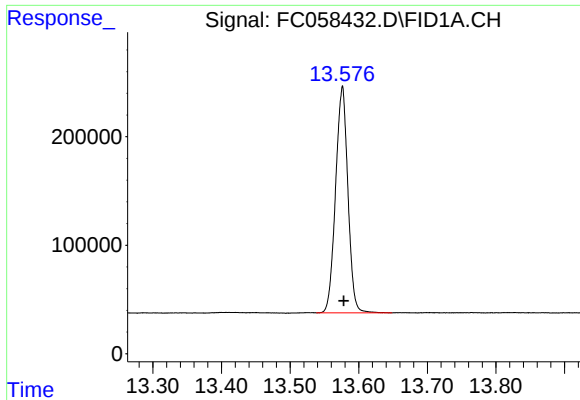
#11 n-Heneicosane (C21)

R.T.: 12.994 min
Delta R.T.: -0.001 min
Response: 2634088
Conc: 19.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.825 min
Delta R.T.: -0.002 min
Response: 2272267
Conc: 20.05 ug/ml



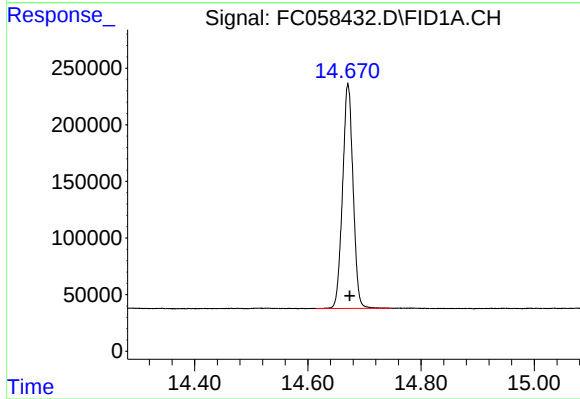
#13 n-Docosane (C22)

R.T.: 13.576 min
Delta R.T.: -0.002 min
Response: 2599460
Conc: 19.94 ug/ml

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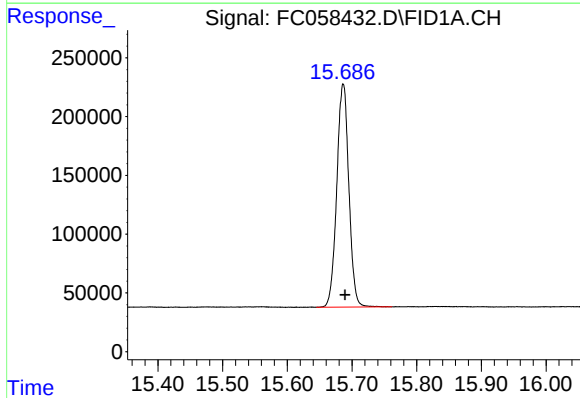
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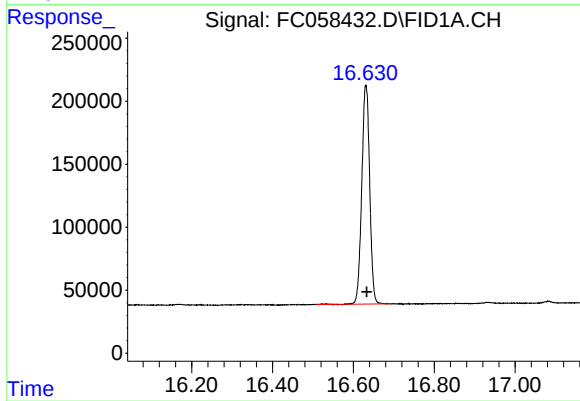
#14 n-Tetracosane (C24)

R.T.: 14.671 min
Delta R.T.: -0.003 min
Response: 2552953
Conc: 19.77 ug/ml



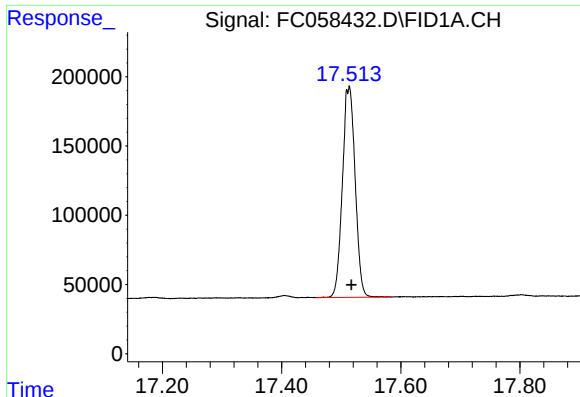
#15 n-Hexacosane (C26)

R.T.: 15.686 min
Delta R.T.: -0.003 min
Response: 2463473
Conc: 19.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.631 min
Delta R.T.: -0.002 min
Response: 2362329
Conc: 19.85 ug/ml



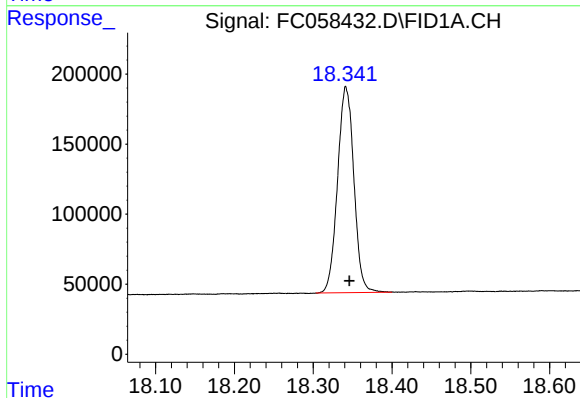
#17 n-Tricontane (C30)

R.T.: 17.513 min
Delta R.T.: -0.004 min
Response: 2257940
Conc: 20.06 ug/ml

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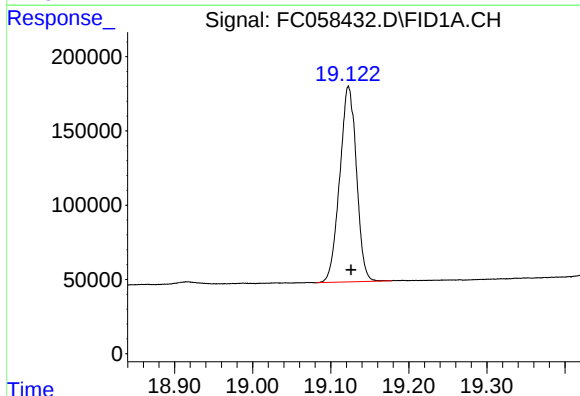
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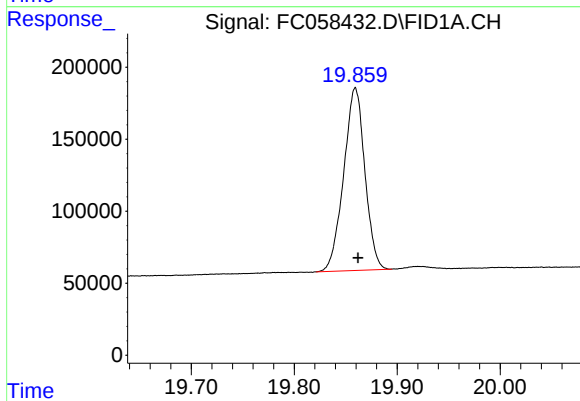
#18 n-Dotriacontane (C32)

R.T.: 18.341 min
Delta R.T.: -0.005 min
Response: 2115375
Conc: 19.67 ug/ml m



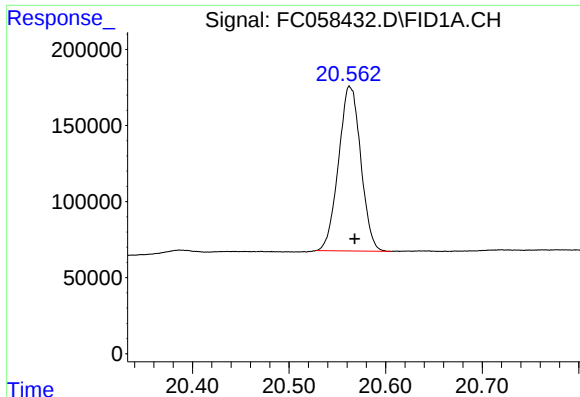
#19 n-Tetratriacontane (C34)

R.T.: 19.123 min
Delta R.T.: -0.003 min
Response: 1959467
Conc: 20.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.859 min
Delta R.T.: -0.003 min
Response: 1811639
Conc: 20.08 ug/ml



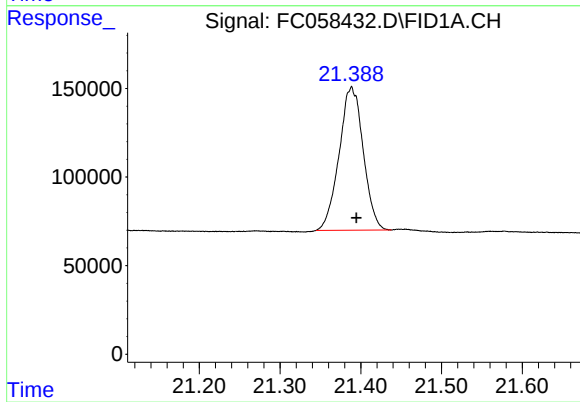
#21 n-Octatriacontane (C38)

R.T.: 20.563 min
Delta R.T.: -0.005 min
Response: 1724861
Conc: 19.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.388 min
Delta R.T.: -0.006 min
Response: 1673129
Conc: 19.94 ug/ml