

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012722AL\
 Data File : FC058157.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jan 2022 12:42
 Operator : AJ\MA
 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 01/28/2022
 Supervised By :Ankita Jodhani 01/28/2022

Integration File: autoint1.e
 Quant Time: Jan 28 01:02:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.695	3974582	20.555 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
12) S 1-chlorooctadecane (S...	12.133	3021735	20.502 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
Target Compounds			
1) T n-Nonane (C9)	2.628	3657167	22.870 ug/ml
2) T n-Decane (C10)	3.616	3752622	23.347 ug/ml
3) T A~Naphthalene (C11.7)	5.154	4150278	22.856 ug/ml
4) T n-Dodecane (C12)	5.587	3782817	23.455 ug/ml
5) T A~2-methylnaphthalene...	6.195	4131473	22.593 ug/ml
6) T n-Tetradecane (C14)	7.368	3841793	23.270 ug/ml
7) T n-Hexadecane (C16)	8.959	3808139	22.798 ug/ml
8) T n-Octadecane (C18)	10.392	3784842	21.994 ug/ml
10) T n-Eicosane (C20)	11.694	3586332	20.949 ug/ml
11) T n-Heneicosane (C21)	12.302	3548307	20.520 ug/ml
13) T n-Docosane (C22)	12.886	3468158	20.047 ug/ml
14) T n-Tetracosane (C24)	13.984	3397544	19.627 ug/ml
15) T n-Hexacosane (C26)	15.001	3298203	19.598 ug/ml
16) T n-Octacosane (C28)	15.948	3392567	20.731 ug/ml
17) T n-Tricontane (C30)	16.832	3518930	22.539 ug/ml
18) T n-Dotriacontane (C32)	17.662	3367091	24.150 ug/ml
19) T n-Tetratriacontane (C34)	18.443	2995183	24.099 ug/ml
20) T n-Hexatriacontane (C36)	19.180	2468433	22.202 ug/mlm
21) T n-Octatriacontane (C38)	19.882	2139743	20.512 ug/mlm
22) T n-Tetracontane (C40)	20.706	1815403	18.959 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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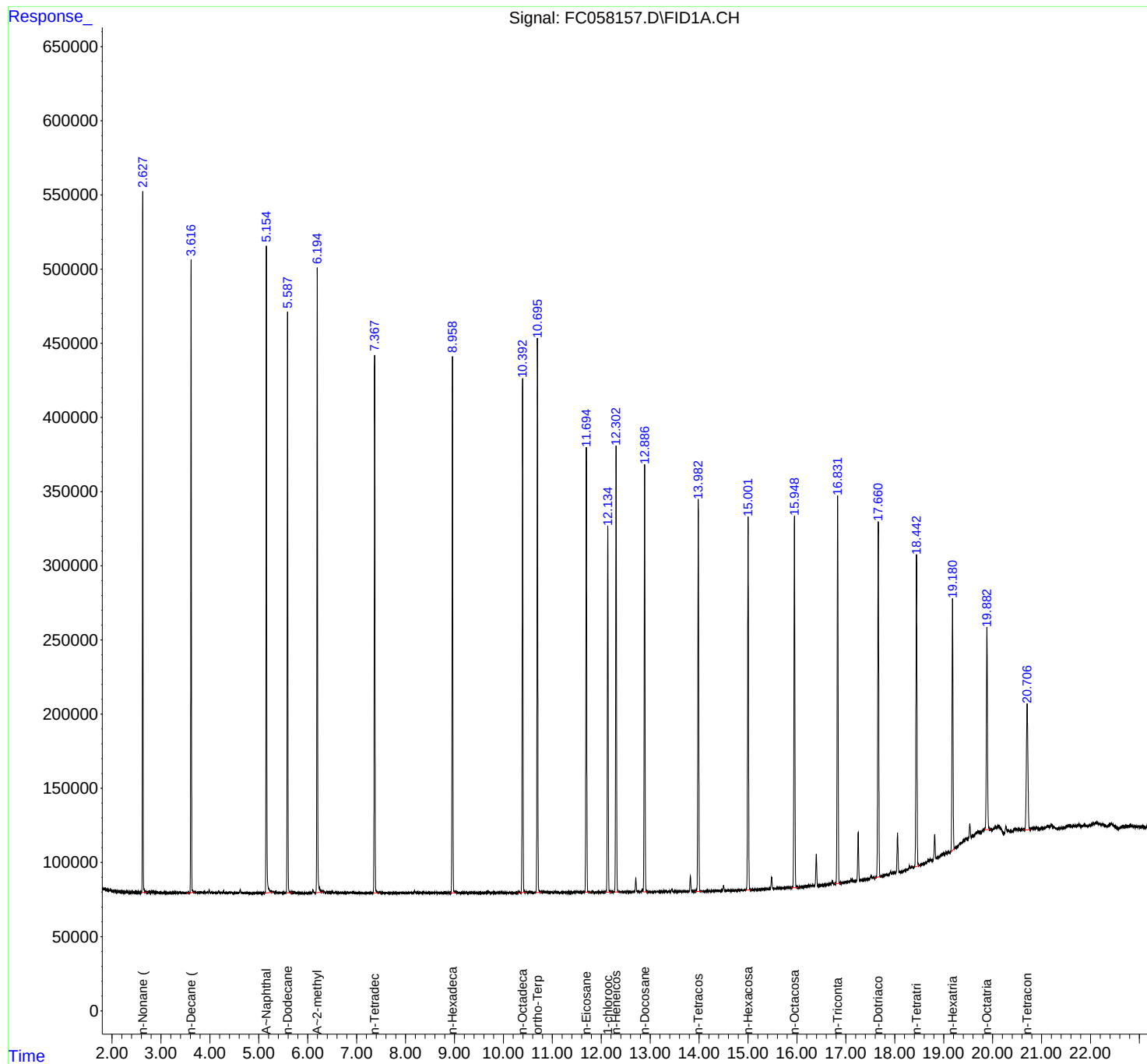
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20 PPM ALIPHATIC HC STD

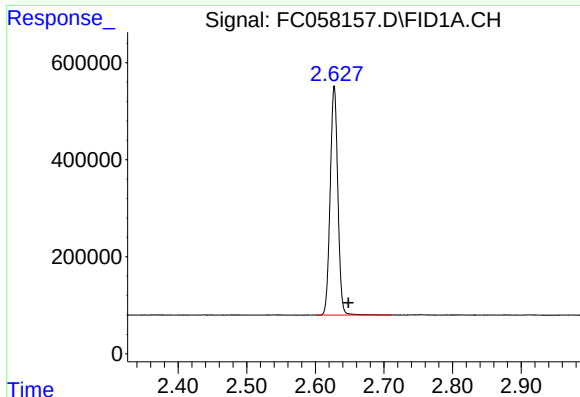
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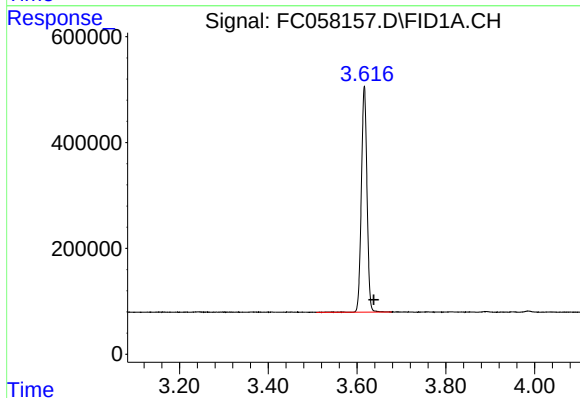
#1 n-Nonane (C9)

R.T.: 2.628 min
Delta R.T.: -0.020 min
Response: 3657167
Conc: 22.87 ug/ml

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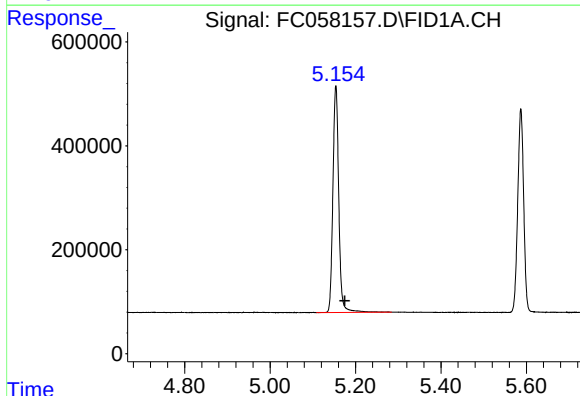
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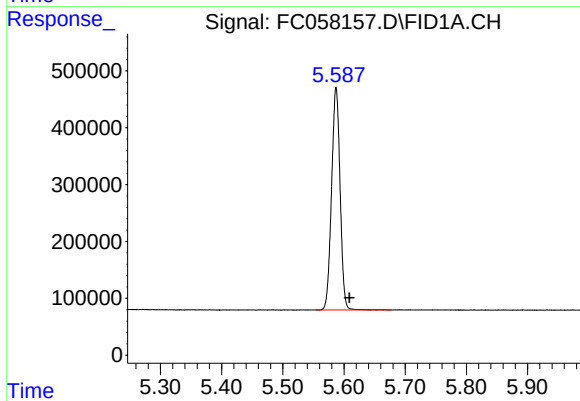
#2 n-Decane (C10)

R.T.: 3.616 min
Delta R.T.: -0.022 min
Response: 3752622
Conc: 23.35 ug/ml



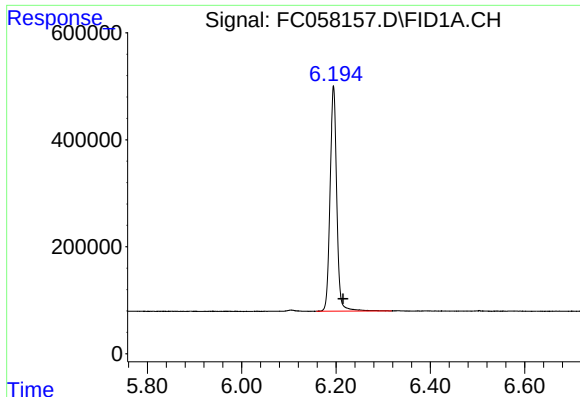
#3 A~Naphthalene (C11.7)

R.T.: 5.154 min
Delta R.T.: -0.021 min
Response: 4150278
Conc: 22.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.587 min
Delta R.T.: -0.022 min
Response: 3782817
Conc: 23.46 ug/ml



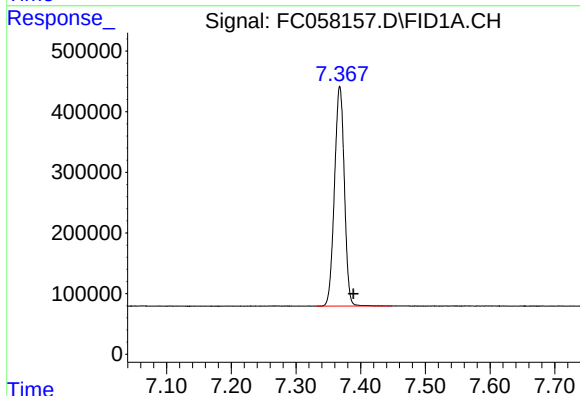
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.195 min
Delta R.T.: -0.020 min
Response: 4131473
Conc: 22.59 ug/ml

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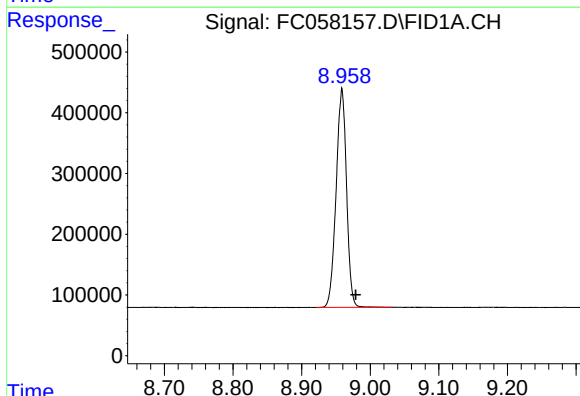
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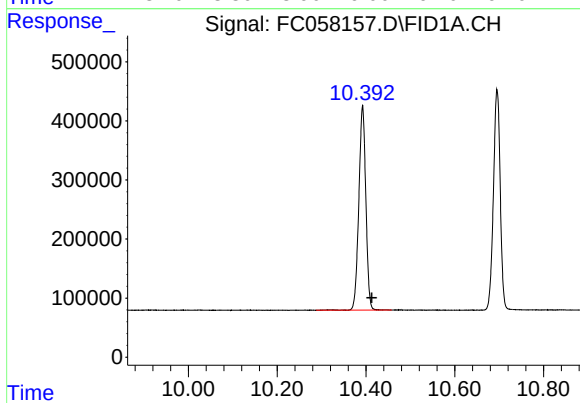
#6 n-Tetradecane (C14)

R.T.: 7.368 min
Delta R.T.: -0.021 min
Response: 3841793
Conc: 23.27 ug/ml



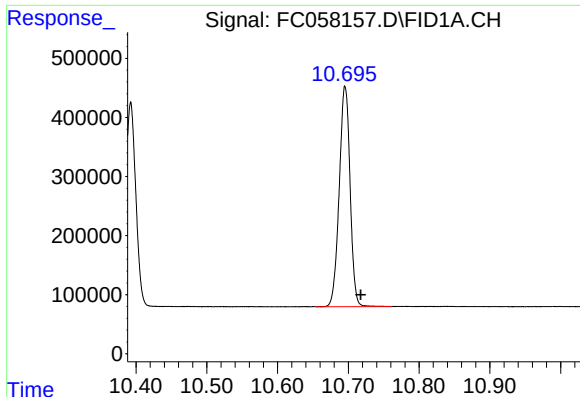
#7 n-Hexadecane (C16)

R.T.: 8.959 min
Delta R.T.: -0.020 min
Response: 3808139
Conc: 22.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.392 min
Delta R.T.: -0.021 min
Response: 3784842
Conc: 21.99 ug/ml



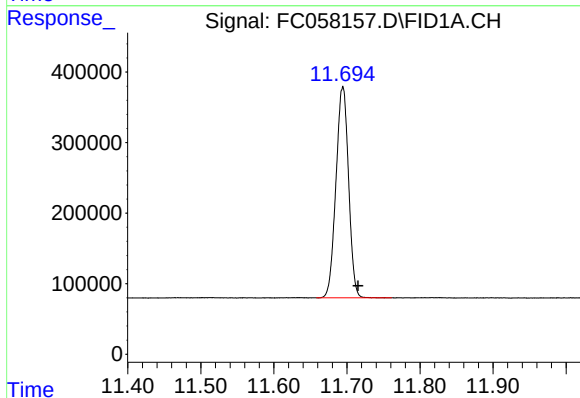
#9 ortho-Terphenyl (SURR)

R.T.: 10.695 min
Delta R.T.: -0.022 min
Response: 3974582
Conc: 20.55 ug/ml

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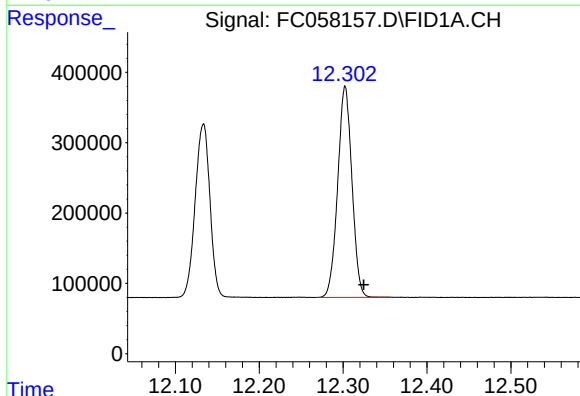
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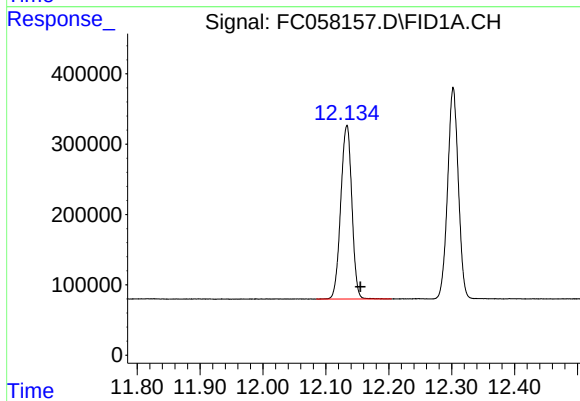
#10 n-Eicosane (C20)

R.T.: 11.694 min
Delta R.T.: -0.021 min
Response: 3586332
Conc: 20.95 ug/ml



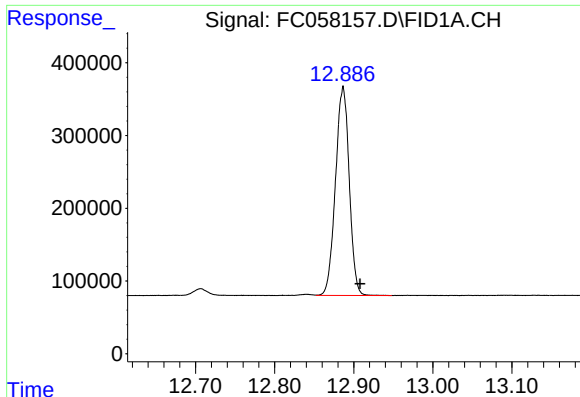
#11 n-Heneicosane (C21)

R.T.: 12.302 min
Delta R.T.: -0.022 min
Response: 3548307
Conc: 20.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.133 min
Delta R.T.: -0.021 min
Response: 3021735
Conc: 20.50 ug/ml



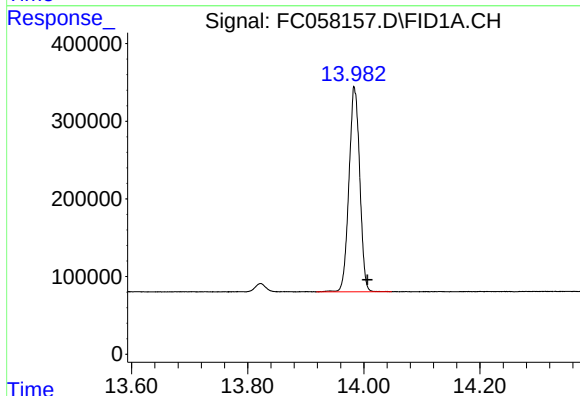
#13 n-Docosane (C22)

R.T.: 12.886 min
Delta R.T.: -0.022 min
Response: 3468158
Conc: 20.05 ug/ml

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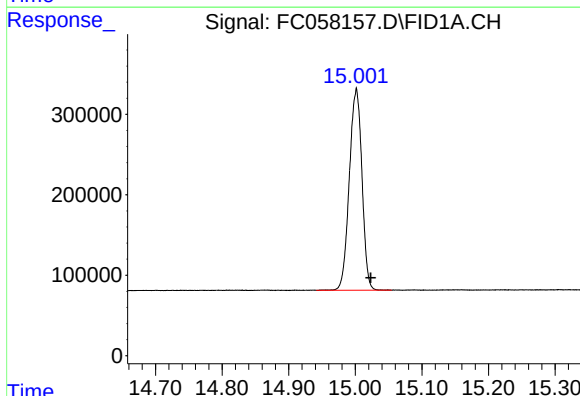
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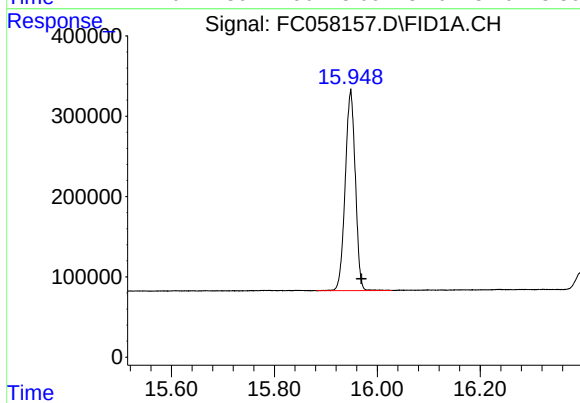
#14 n-Tetracosane (C24)

R.T.: 13.984 min
Delta R.T.: -0.022 min
Response: 3397544
Conc: 19.63 ug/ml



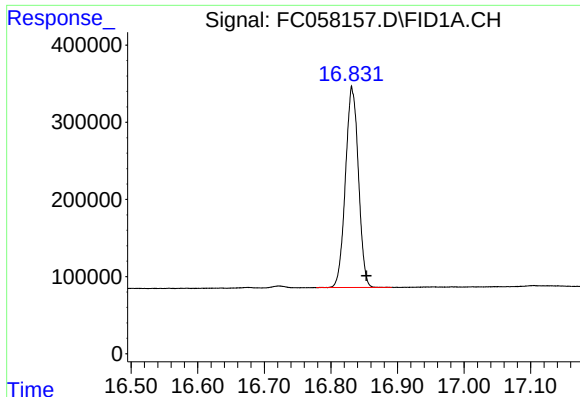
#15 n-Hexacosane (C26)

R.T.: 15.001 min
Delta R.T.: -0.022 min
Response: 3298203
Conc: 19.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.948 min
Delta R.T.: -0.021 min
Response: 3392567
Conc: 20.73 ug/ml



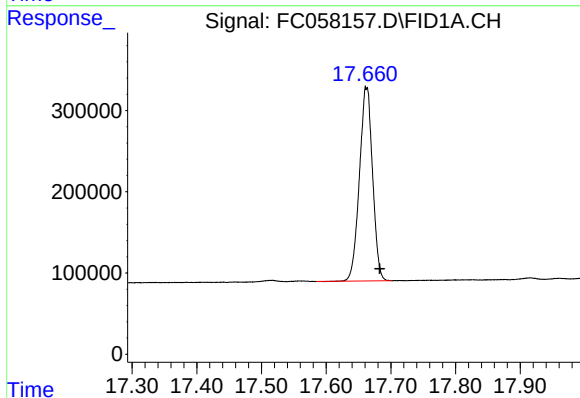
#17 n-Tricontane (C30)

R.T.: 16.832 min
Delta R.T.: -0.021 min
Response: 3518930
Conc: 22.54 ug/ml

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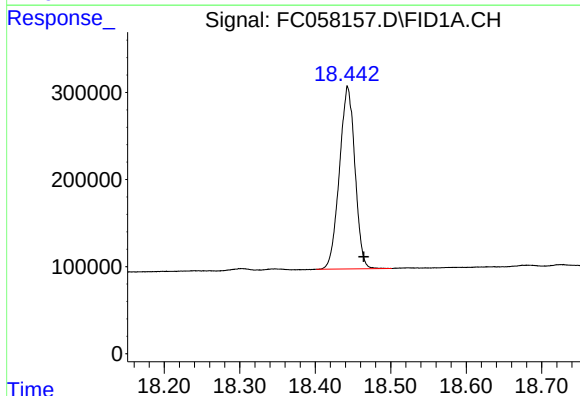
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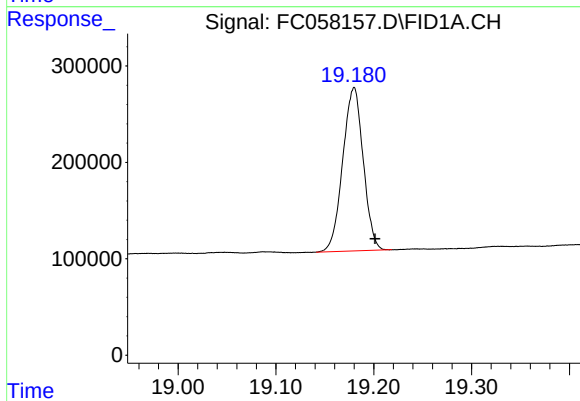
#18 n-Dotriacontane (C32)

R.T.: 17.662 min
Delta R.T.: -0.021 min
Response: 3367091
Conc: 24.15 ug/ml



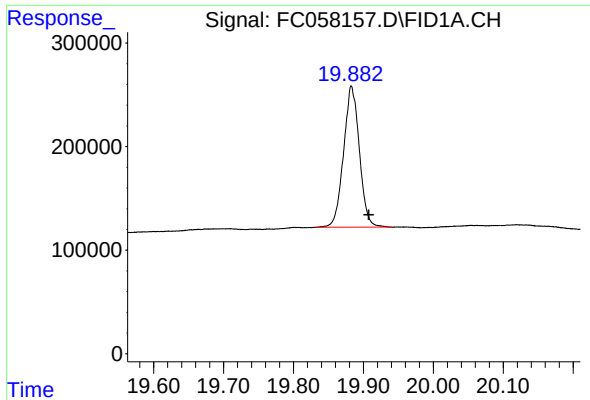
#19 n-Tetratriacontane (C34)

R.T.: 18.443 min
Delta R.T.: -0.021 min
Response: 2995183
Conc: 24.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.180 min
Delta R.T.: -0.022 min
Response: 2468433
Conc: 22.20 ug/ml m



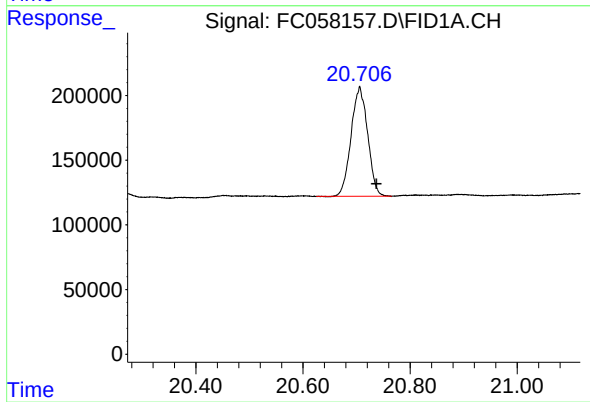
#21 n-Octatriacontane (C38)

R.T.: 19.882 min
Delta R.T.: -0.026 min
Response: 2139743
Conc: 20.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.706 min
Delta R.T.: -0.031 min
Response: 1815403
Conc: 18.96 ug/ml