

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012722AL\
 Data File : FC058170.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jan 2022 21:25
 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 01:06:34 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)	10.694	3850436	19.913 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
12) S 1-chlorooctadecane (S...	12.132	2918811	19.804 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
Target Compounds			
1) T n-Nonane (C9)	2.626	3581139	22.395 ug/ml
2) T n-Decane (C10)	3.615	3680105	22.896 ug/ml
3) T A~Naphthalene (C11.7)	5.152	4051688	22.313 ug/ml
4) T n-Dodecane (C12)	5.586	3711133	23.011 ug/ml
5) T A~2-methylnaphthalene...	6.194	4027902	22.026 ug/ml
6) T n-Tetradecane (C14)	7.367	3754908	22.744 ug/ml
7) T n-Hexadecane (C16)	8.957	3714597	22.238 ug/ml
8) T n-Octadecane (C18)	10.391	3680878	21.390 ug/ml
10) T n-Eicosane (C20)	11.694	3485382	20.359 ug/ml
11) T n-Heneicosane (C21)	12.302	3437262	19.877 ug/ml
13) T n-Docosane (C22)	12.885	3359841	19.420 ug/ml
14) T n-Tetracosane (C24)	13.984	3294697	19.032 ug/ml
15) T n-Hexacosane (C26)	15.001	3193405	18.976 ug/ml
16) T n-Octacosane (C28)	15.947	3301416	20.174 ug/ml
17) T n-Tricontane (C30)	16.832	3467363	22.209 ug/ml
18) T n-Dotriacontane (C32)	17.661	3335912	23.926 ug/ml
19) T n-Tetratriacontane (C34)	18.442	2944223	23.689 ug/ml
20) T n-Hexatriacontane (C36)	19.177	2428260	21.841 ug/mlm
21) T n-Octatriacontane (C38)	19.884	1981976	19.000 ug/ml
22) T n-Tetracontane (C40)	20.704	1816955	18.976 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

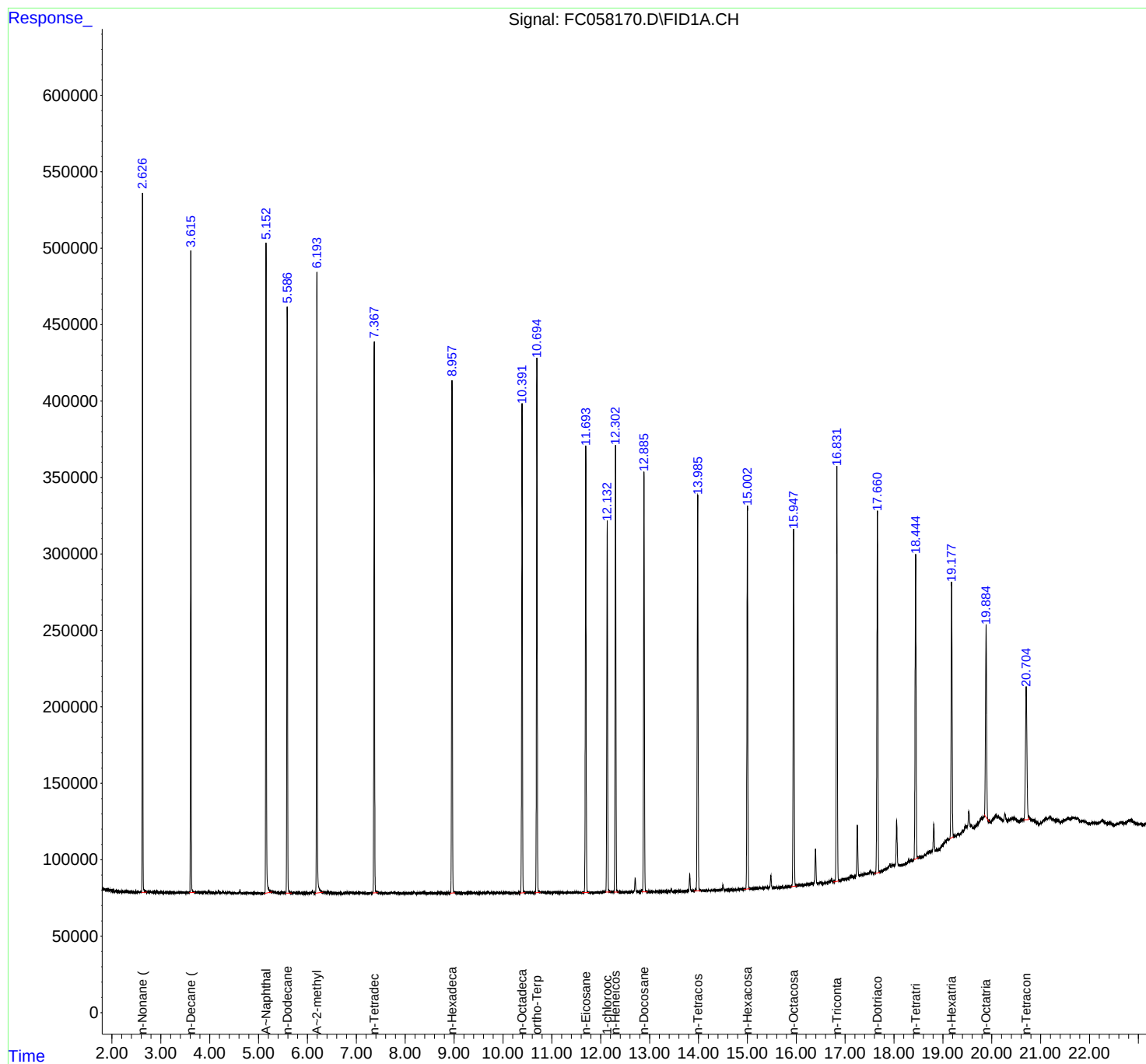
Instrument :
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20 PPM ALIPHATIC HC STD

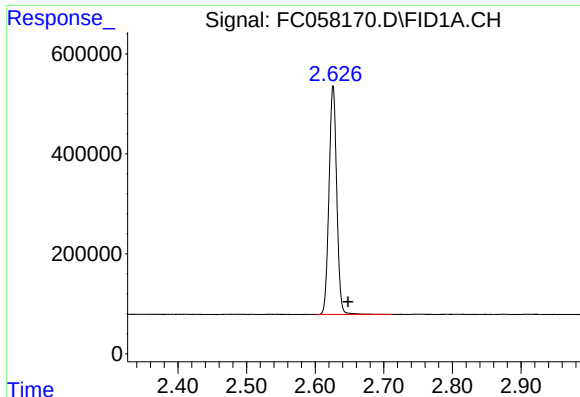
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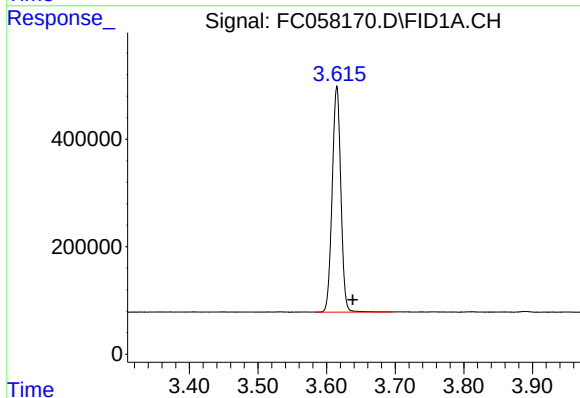
#1 n-Nonane (C9)

R.T.: 2.626 min
Delta R.T.: -0.022 min
Response: 3581139
Conc: 22.39 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

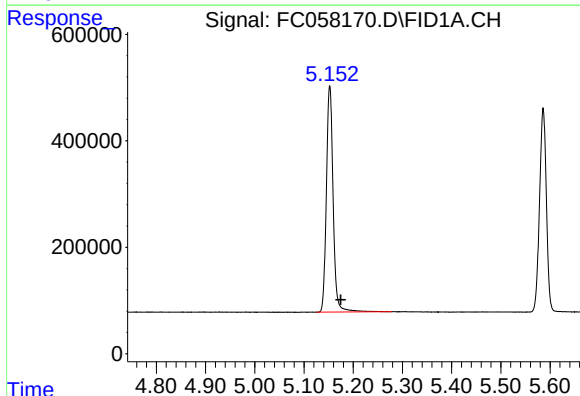
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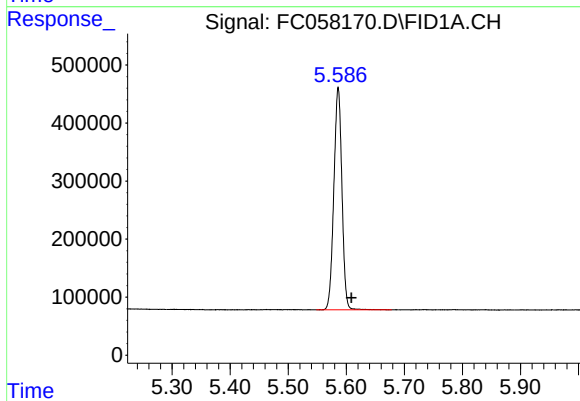
#2 n-Decane (C10)

R.T.: 3.615 min
Delta R.T.: -0.023 min
Response: 3680105
Conc: 22.90 ug/ml



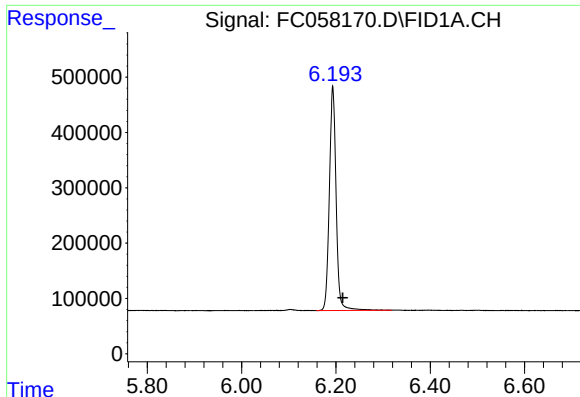
#3 A~Naphthalene (C11.7)

R.T.: 5.152 min
Delta R.T.: -0.022 min
Response: 4051688
Conc: 22.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.586 min
Delta R.T.: -0.023 min
Response: 3711133
Conc: 23.01 ug/ml



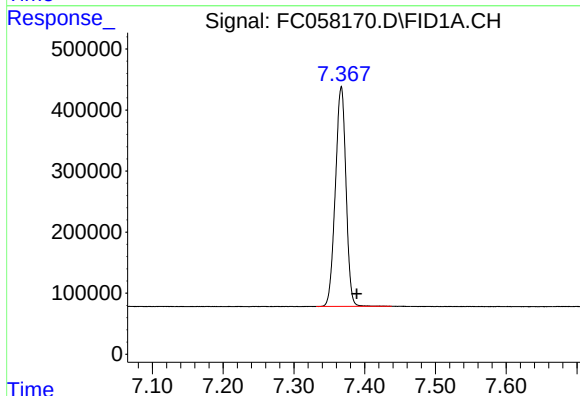
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.194 min
Delta R.T.: -0.021 min
Response: 4027902
Conc: 22.03 ug/ml

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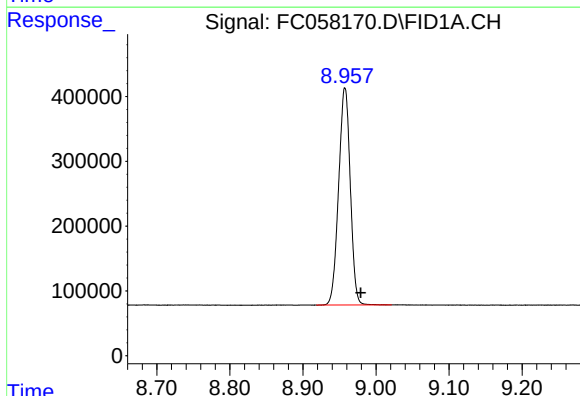
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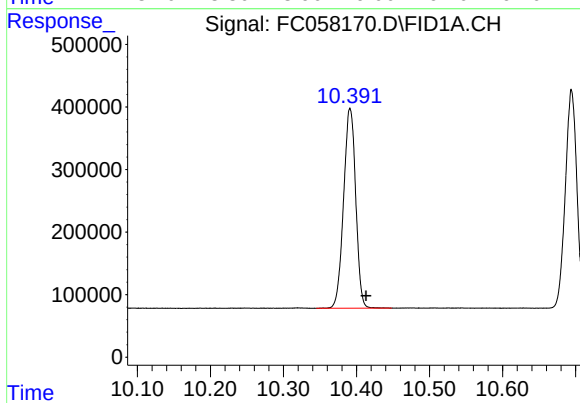
#6 n-Tetradecane (C14)

R.T.: 7.367 min
Delta R.T.: -0.022 min
Response: 3754908
Conc: 22.74 ug/ml



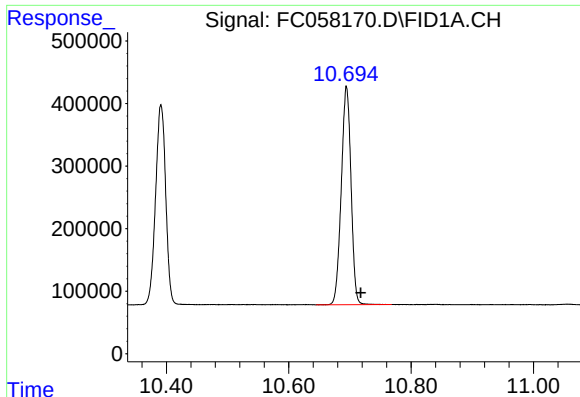
#7 n-Hexadecane (C16)

R.T.: 8.957 min
Delta R.T.: -0.021 min
Response: 3714597
Conc: 22.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.391 min
Delta R.T.: -0.022 min
Response: 3680878
Conc: 21.39 ug/ml



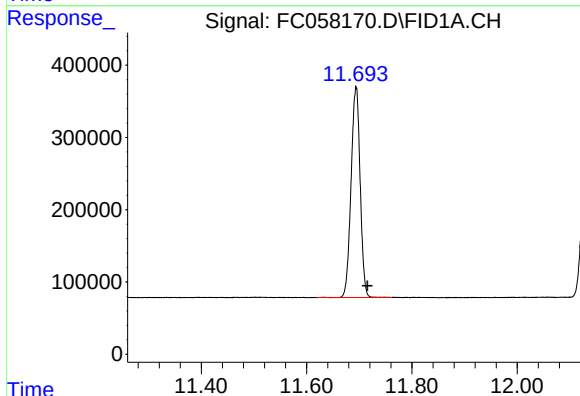
#9 ortho-Terphenyl (SURR)

R.T.: 10.694 min
Delta R.T.: -0.023 min
Response: 3850436
Conc: 19.91 ug/ml

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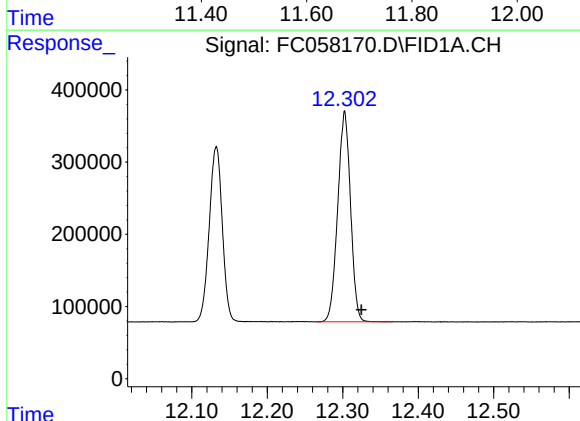
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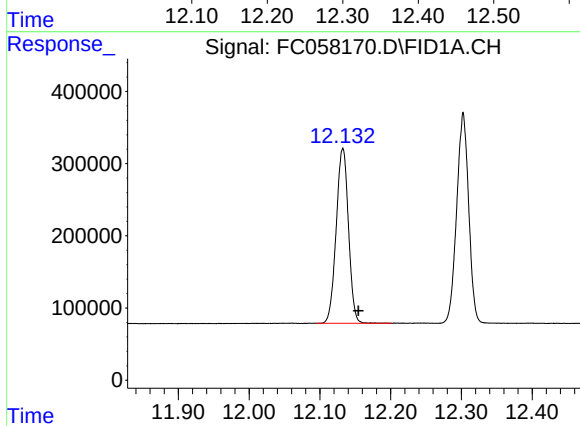
#10 n-Eicosane (C20)

R.T.: 11.694 min
Delta R.T.: -0.022 min
Response: 3485382
Conc: 20.36 ug/ml



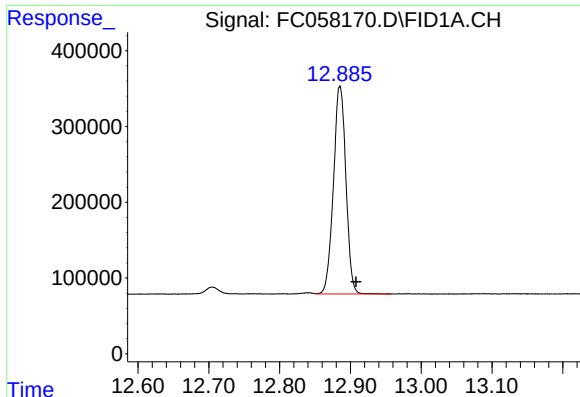
#11 n-Heneicosane (C21)

R.T.: 12.302 min
Delta R.T.: -0.022 min
Response: 3437262
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.132 min
Delta R.T.: -0.022 min
Response: 2918811
Conc: 19.80 ug/ml



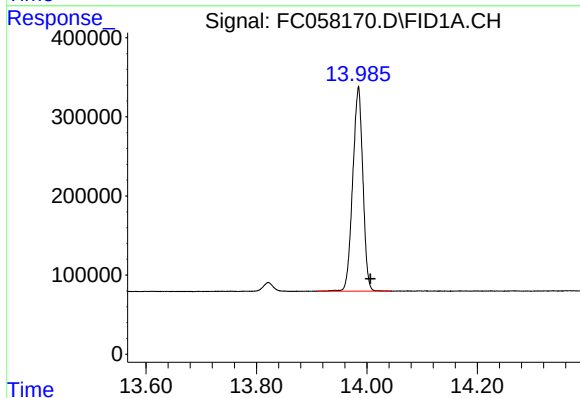
#13 n-Docosane (C22)

R.T.: 12.885 min
Delta R.T.: -0.023 min
Response: 3359841
Conc: 19.42 ug/ml

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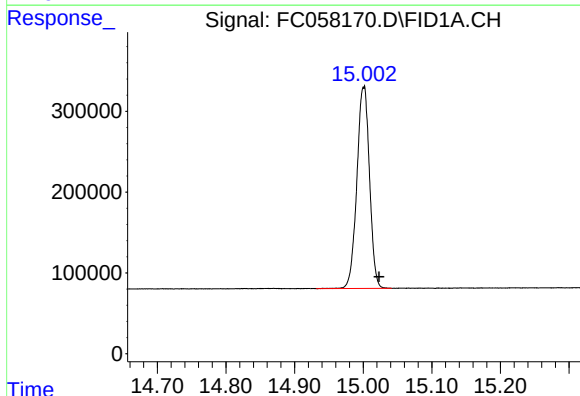
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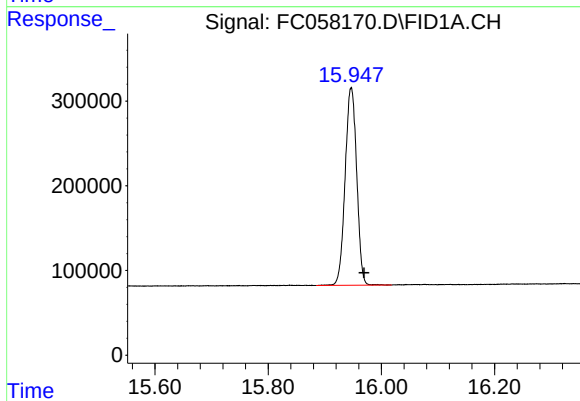
#14 n-Tetracosane (C24)

R.T.: 13.984 min
Delta R.T.: -0.022 min
Response: 3294697
Conc: 19.03 ug/ml



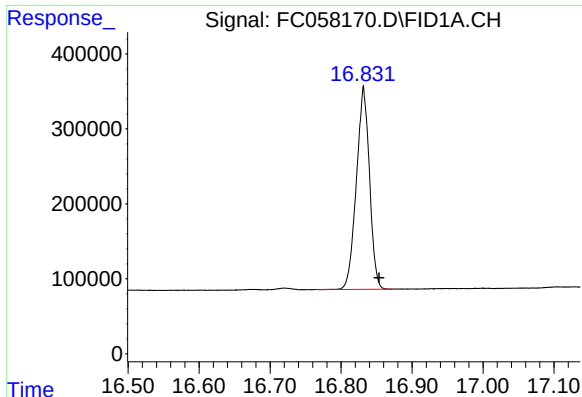
#15 n-Hexacosane (C26)

R.T.: 15.001 min
Delta R.T.: -0.023 min
Response: 3193405
Conc: 18.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.947 min
Delta R.T.: -0.023 min
Response: 3301416
Conc: 20.17 ug/ml



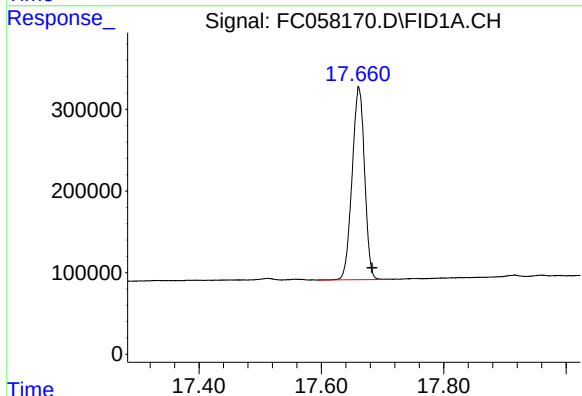
#17 n-Tricontane (C30)

R.T.: 16.832 min
Delta R.T.: -0.022 min
Response: 3467363
Conc: 22.21 ug/ml

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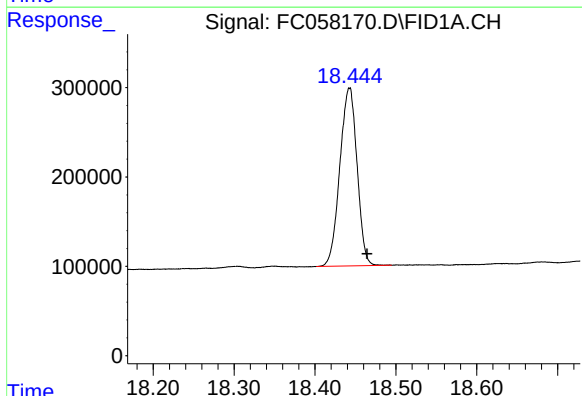
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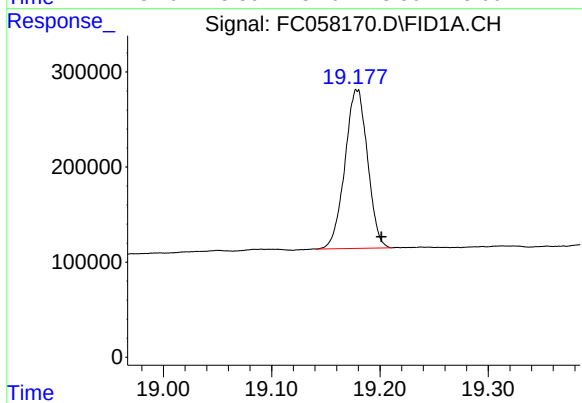
#18 n-Dotriacontane (C32)

R.T.: 17.661 min
Delta R.T.: -0.022 min
Response: 3335912
Conc: 23.93 ug/ml



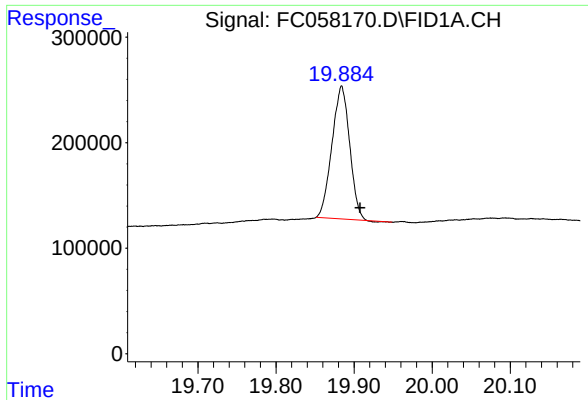
#19 n-Tetratriacontane (C34)

R.T.: 18.442 min
Delta R.T.: -0.022 min
Response: 2944223
Conc: 23.69 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.177 min
Delta R.T.: -0.024 min
Response: 2428260
Conc: 21.84 ug/ml m



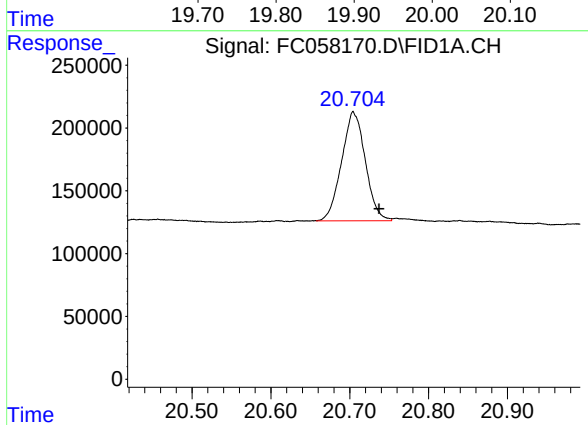
#21 n-Octatriacontane (C38)

R.T.: 19.884 min
Delta R.T.: -0.023 min
Response: 1981976
Conc: 19.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.704 min
Delta R.T.: -0.033 min
Response: 1816955
Conc: 18.98 ug/ml m