

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012622AL\
 Data File : FC058150.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jan 2022 6:00
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2022
 Supervised By :mohammad ahmed 01/27/2022

Integration File: autoint1.e
 Quant Time: Jan 27 06:14:37 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)	10.697	4141366	21.417 ug/ml
Spiked Amount 50.000		Recovery =	42.83%
12) S 1-chlorooctadecane (S...	12.134	3150068	21.373 ug/ml
Spiked Amount 50.000		Recovery =	42.75%
Target Compounds			
1) T n-Nonane (C9)	2.628	3829339	23.947 ug/ml
2) T n-Decane (C10)	3.617	3937383	24.497 ug/ml
3) T A~Naphthalene (C11.7)	5.155	4371411	24.074 ug/ml
4) T n-Dodecane (C12)	5.588	3978049	24.666 ug/ml
5) T A~2-methylnaphthalene...	6.196	4390050	24.007 ug/ml
6) T n-Tetradecane (C14)	7.369	4047452	24.516 ug/ml
7) T n-Hexadecane (C16)	8.959	4019049	24.060 ug/ml
8) T n-Octadecane (C18)	10.394	3960157	23.012 ug/ml
10) T n-Eicosane (C20)	11.695	3744391	21.872 ug/ml
11) T n-Heneicosane (C21)	12.304	3700870	21.402 ug/ml
13) T n-Docosane (C22)	12.887	3599100	20.803 ug/ml
14) T n-Tetracosane (C24)	13.986	3523236	20.353 ug/ml
15) T n-Hexacosane (C26)	15.003	3408182	20.252 ug/ml
16) T n-Octacosane (C28)	15.948	3463623	21.166 ug/mlm
17) T n-Tricontane (C30)	16.833	3626744	23.230 ug/ml
18) T n-Dotriacontane (C32)	17.663	3447136	24.724 ug/ml
19) T n-Tetratriacontane (C34)	18.444	3040901	24.466 ug/mlm
20) T n-Hexatriacontane (C36)	19.184	2611937	23.493 ug/mlm
21) T n-Octatriacontane (C38)	19.887	2711016	25.989 ug/mlm
22) T n-Tetracontane (C40)	20.710	1956637	20.434 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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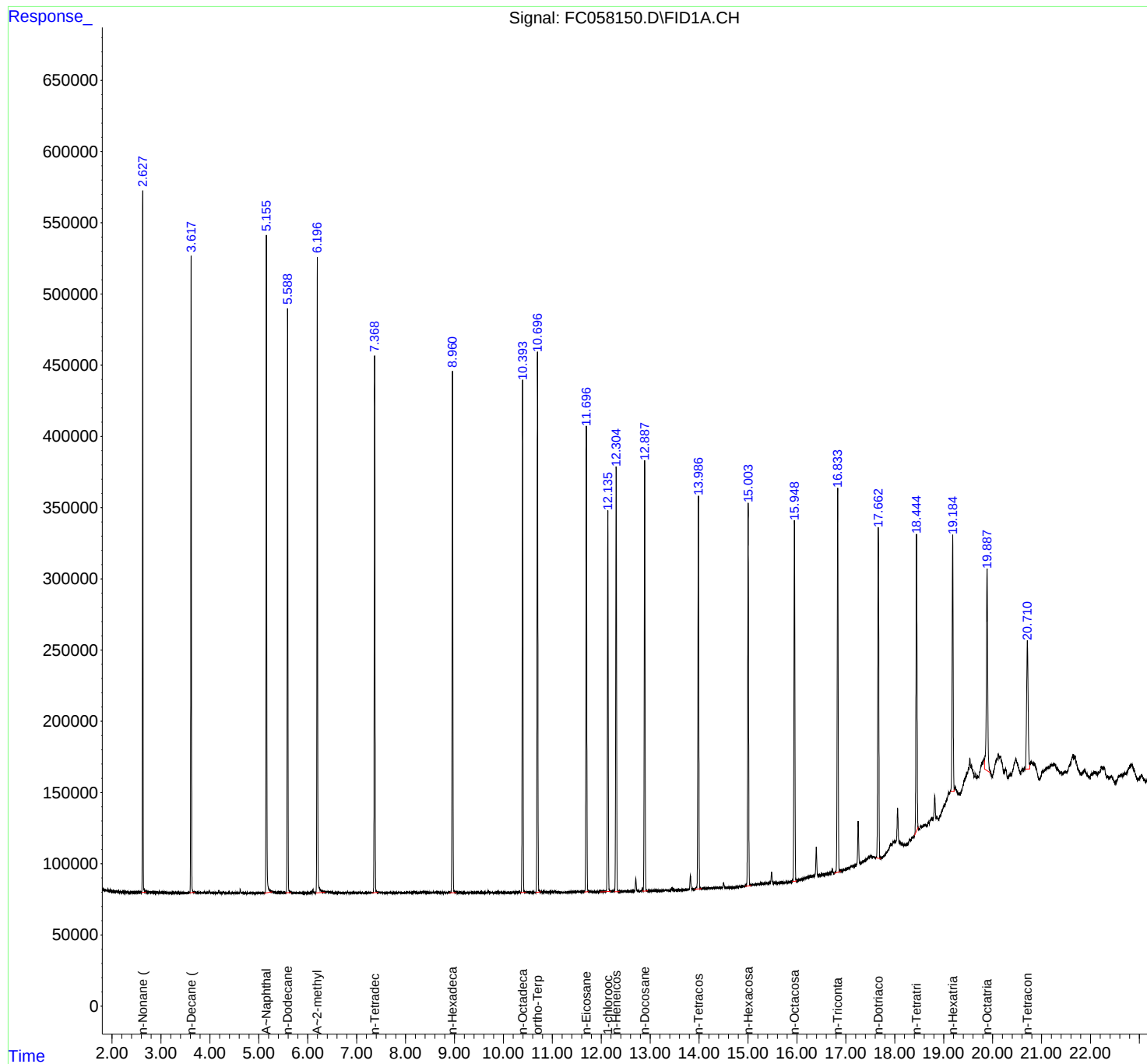
Instrument :
FID_C
ClientSampleId :

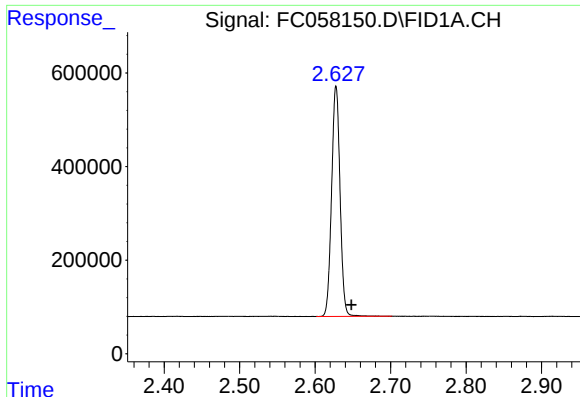
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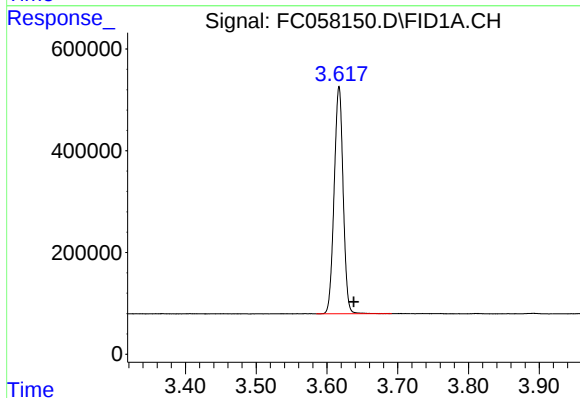
#1 n-Nonane (C9)

R.T.: 2.628 min
Delta R.T.: -0.020 min
Response: 3829339
Conc: 23.95 ug/ml

Instrument :
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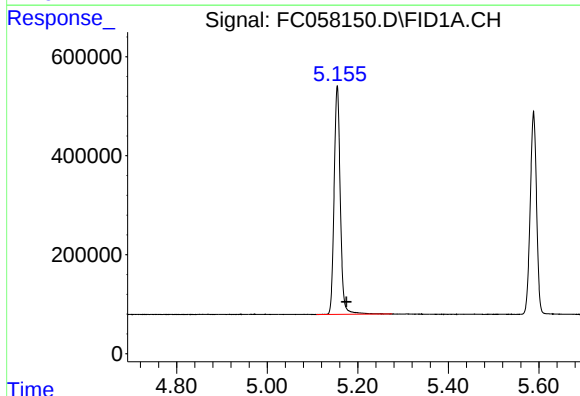
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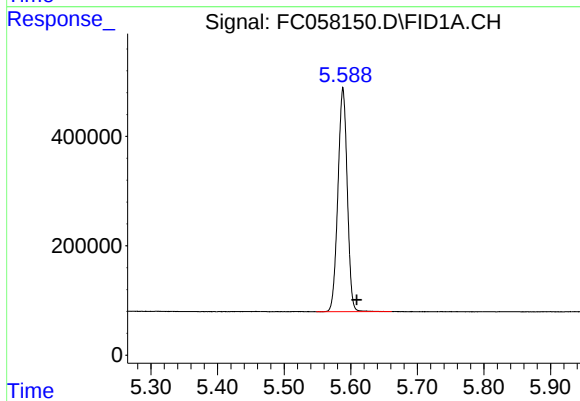
#2 n-Decane (C10)

R.T.: 3.617 min
Delta R.T.: -0.021 min
Response: 3937383
Conc: 24.50 ug/ml



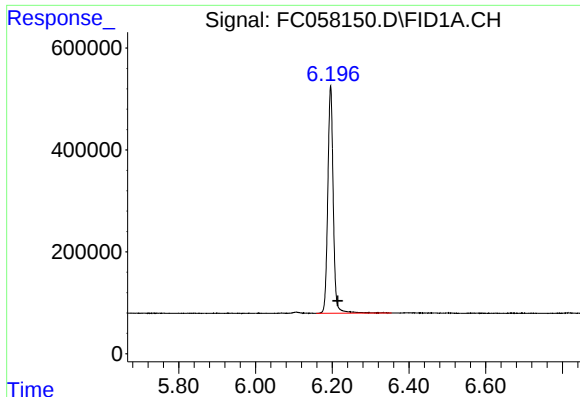
#3 A~Naphthalene (C11.7)

R.T.: 5.155 min
Delta R.T.: -0.020 min
Response: 4371411
Conc: 24.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.588 min
Delta R.T.: -0.020 min
Response: 3978049
Conc: 24.67 ug/ml



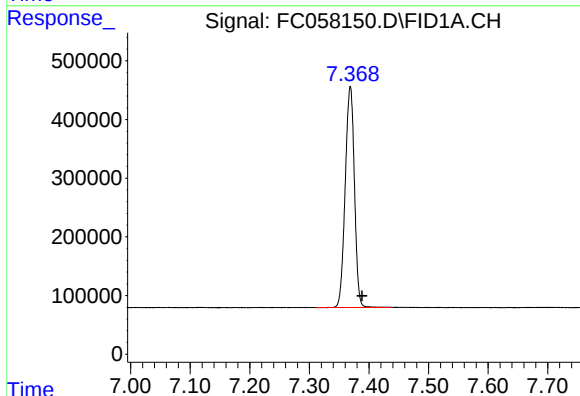
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.196 min
Delta R.T.: -0.019 min
Response: 4390050
Conc: 24.01 ug/ml

Instrument :
FID_C
ClientSampleId :

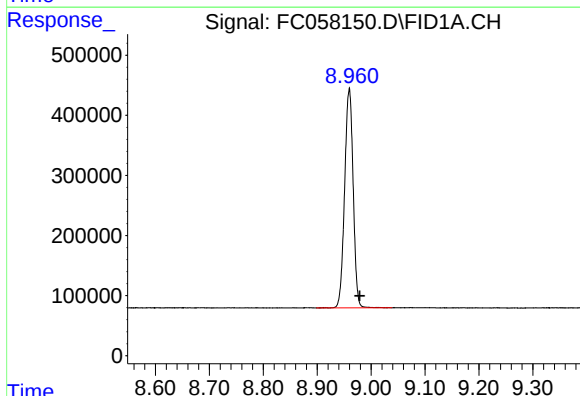
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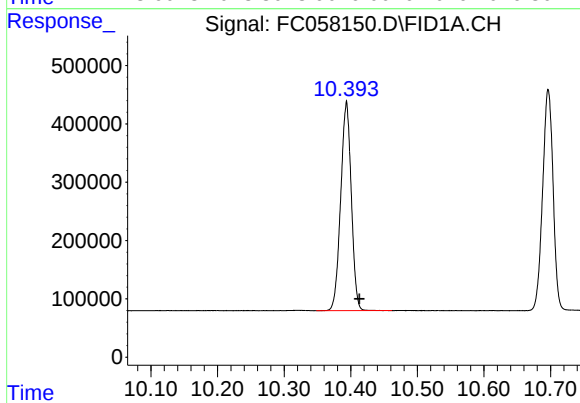
#6 n-Tetradecane (C14)

R.T.: 7.369 min
Delta R.T.: -0.020 min
Response: 4047452
Conc: 24.52 ug/ml



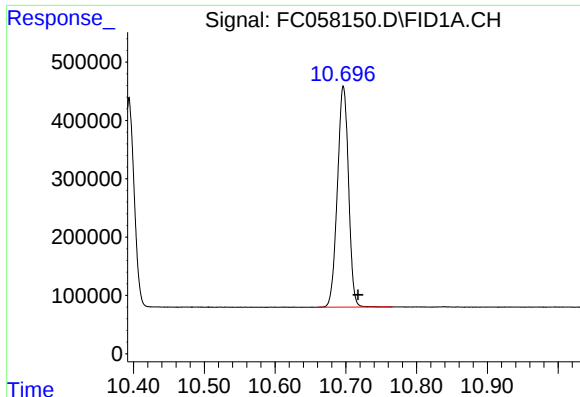
#7 n-Hexadecane (C16)

R.T.: 8.959 min
Delta R.T.: -0.020 min
Response: 4019049
Conc: 24.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.394 min
Delta R.T.: -0.020 min
Response: 3960157
Conc: 23.01 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.697 min
Delta R.T.: -0.021 min
Response: 4141366
Conc: 21.42 ug/ml

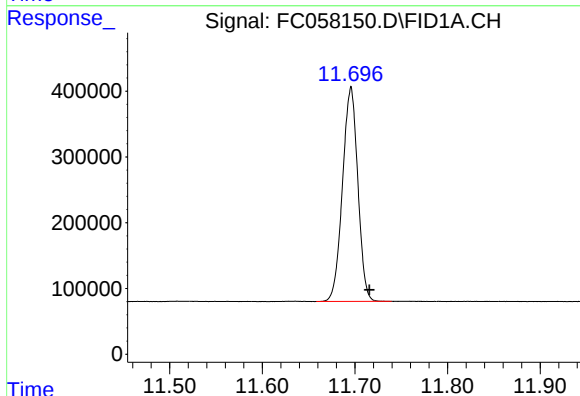
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FID_C

ClientSampleId :

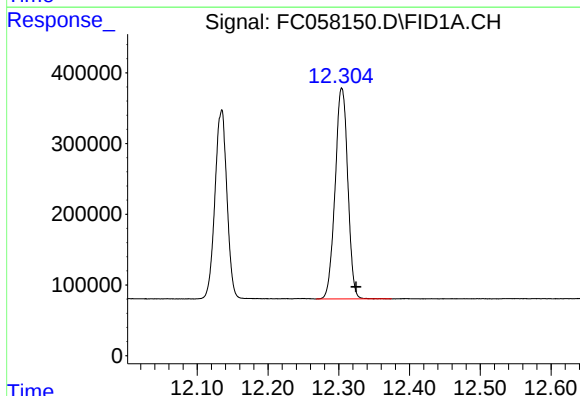
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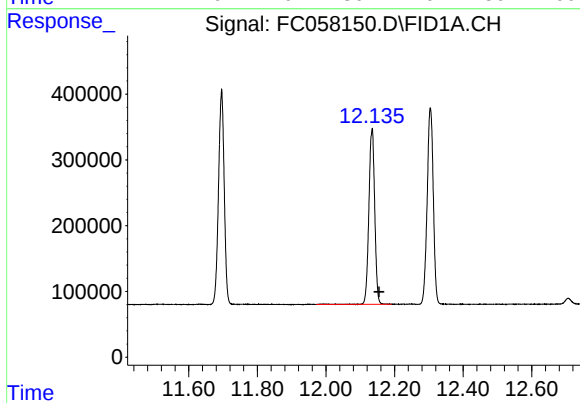
#10 n-Eicosane (C20)

R.T.: 11.695 min
Delta R.T.: -0.020 min
Response: 3744391
Conc: 21.87 ug/ml



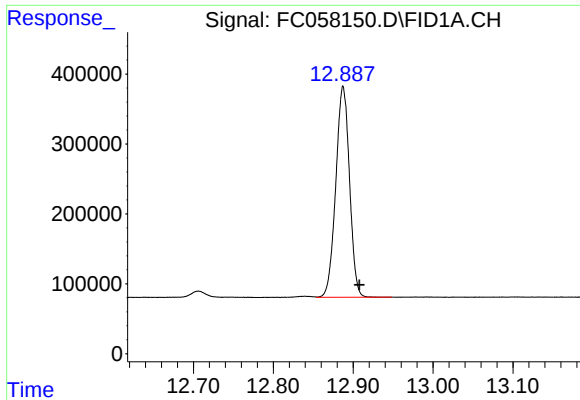
#11 n-Heneicosane (C21)

R.T.: 12.304 min
Delta R.T.: -0.020 min
Response: 3700870
Conc: 21.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.134 min
Delta R.T.: -0.021 min
Response: 3150068
Conc: 21.37 ug/ml



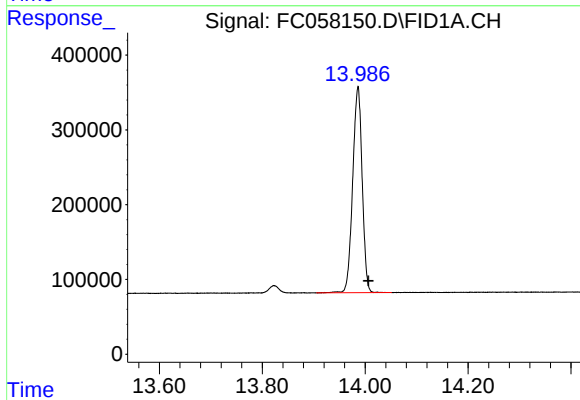
#13 n-Docosane (C22)

R.T.: 12.887 min
Delta R.T.: -0.021 min
Response: 3599100
Conc: 20.80 ug/ml

Instrument :
FID_C
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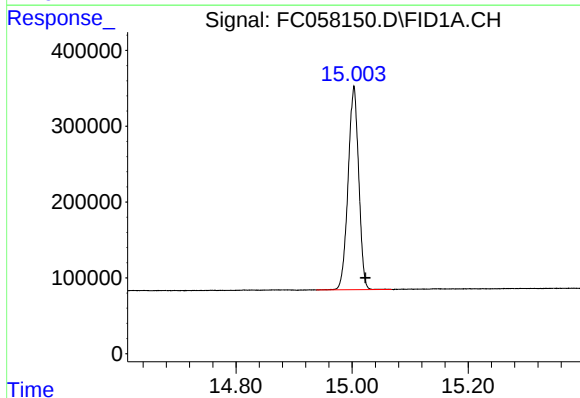
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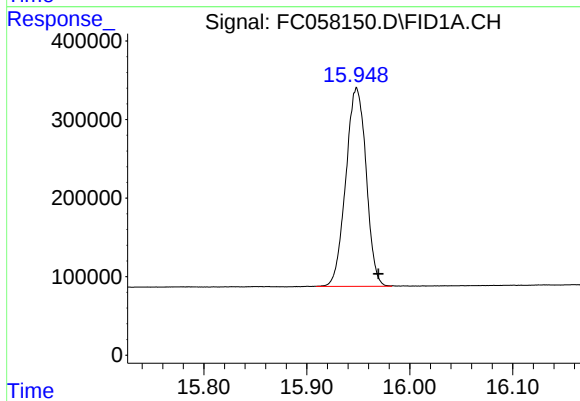
#14 n-Tetracosane (C24)

R.T.: 13.986 min
Delta R.T.: -0.021 min
Response: 3523236
Conc: 20.35 ug/ml



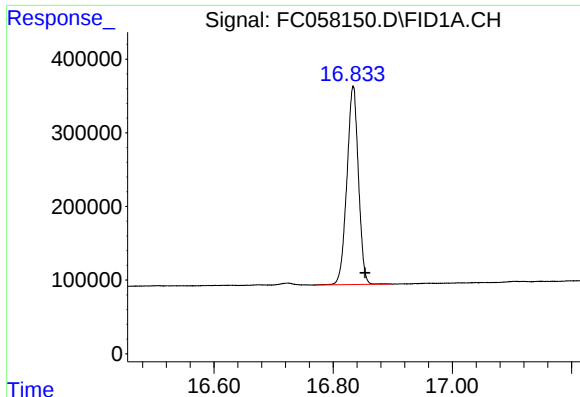
#15 n-Hexacosane (C26)

R.T.: 15.003 min
Delta R.T.: -0.020 min
Response: 3408182
Conc: 20.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.948 min
Delta R.T.: -0.022 min
Response: 3463623
Conc: 21.17 ug/ml m



#17 n-Tricontane (C30)

R.T.: 16.833 min
Delta R.T.: -0.020 min
Response: 3626744
Conc: 23.23 ug/ml

Instrument :

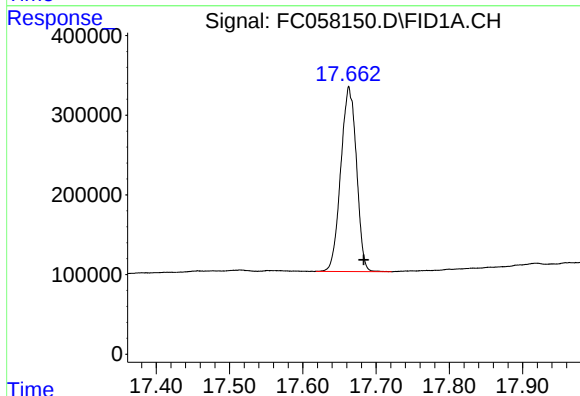
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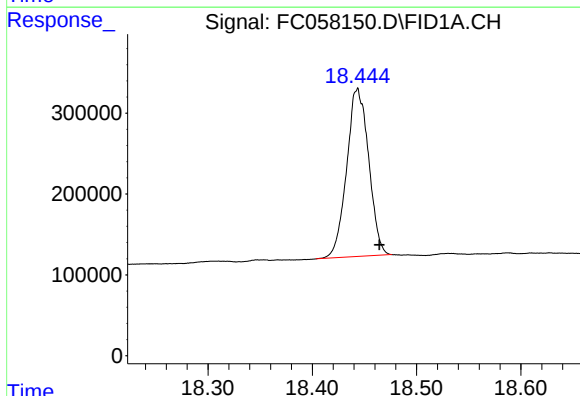
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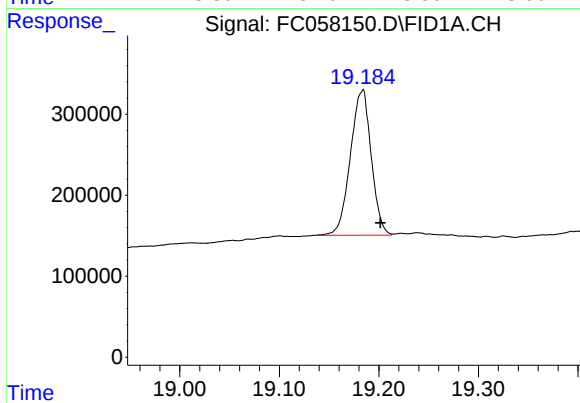
#18 n-Dotriacontane (C32)

R.T.: 17.663 min
Delta R.T.: -0.020 min
Response: 3447136
Conc: 24.72 ug/ml



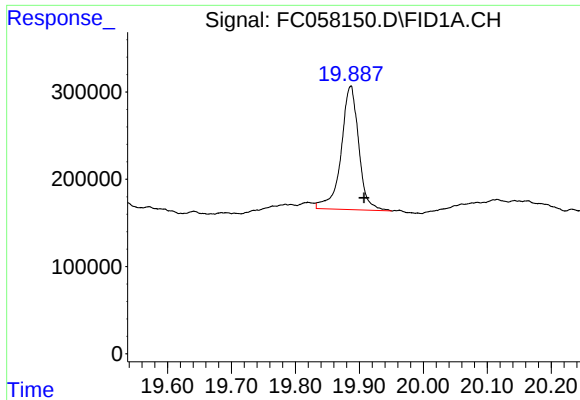
#19 n-Tetratriacontane (C34)

R.T.: 18.444 min
Delta R.T.: -0.021 min
Response: 3040901
Conc: 24.47 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.184 min
Delta R.T.: -0.017 min
Response: 2611937
Conc: 23.49 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.887 min
Delta R.T.: -0.021 min
Response: 2711016
Conc: 25.99 ug/ml

Instrument :

FID_C

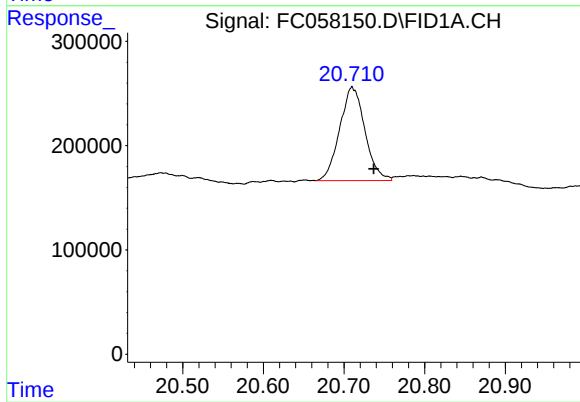
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#22 n-Tetracontane (C40)

R.T.: 20.710 min
Delta R.T.: -0.027 min
Response: 1956637
Conc: 20.43 ug/ml m