

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021722AL\
 Data File : FC058380.D
 Signal(s) : FID1A.CH
 Acq On : 17 Feb 2022 23:39
 Operator : YP\AJ
 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 02/18/2022
 Supervised By :Ankita Jodhani 02/18/2022

Integration File: autoint1.e
 Quant Time: Feb 18 01:28:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021522.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 16 02:18:53 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)	11.379	29470629	21.003 ug/ml
Spiked Amount 50.000		Recovery =	42.01%
12) S 1-chlorooctadecane (S...	12.813	22106288	21.123 ug/ml
Spiked Amount 50.000		Recovery =	42.25%
Target Compounds			
1) T n-Nonane (C9)	3.361	24821939	20.981 ug/ml
2) T n-Decane (C10)	4.323	25075031	20.976 ug/ml
3) T A~Naphthalene (C11.7)	5.835	28101179	21.213 ug/ml
4) T n-Dodecane (C12)	6.272	26163700	21.031 ug/ml
5) T A~2-methylnaphthalene...	6.877	28056848	21.098 ug/ml
6) T n-Tetradecane (C14)	8.048	26260230	21.096 ug/ml
7) T n-Hexadecane (C16)	9.638	26406350	21.051 ug/ml
8) T n-Octadecane (C18)	11.074	26614718	21.090 ug/ml
10) T n-Eicosane (C20)	12.374	26128859	20.977 ug/ml
11) T n-Heneicosane (C21)	12.983	26084457	20.968 ug/ml
13) T n-Docosane (C22)	13.567	25883973	20.950 ug/ml
14) T n-Tetracosane (C24)	14.664	25636663	21.079 ug/ml
15) T n-Hexacosane (C26)	15.680	24612685	20.814 ug/ml
16) T n-Octacosane (C28)	16.626	23515094	20.565 ug/ml
17) T n-Tricontane (C30)	17.510	21993020	20.223 ug/ml
18) T n-Dotriacontane (C32)	18.338	19436881	20.520 ug/ml
19) T n-Tetratriacontane (C34)	19.117	16137174	18.797 ug/ml
20) T n-Hexatriacontane (C36)	19.853	12494691	17.847 ug/ml
21) T n-Octatriacontane (C38)	20.555	9520623	17.007 ug/ml
22) T n-Tetracontane (C40)	21.378	7099235	16.314 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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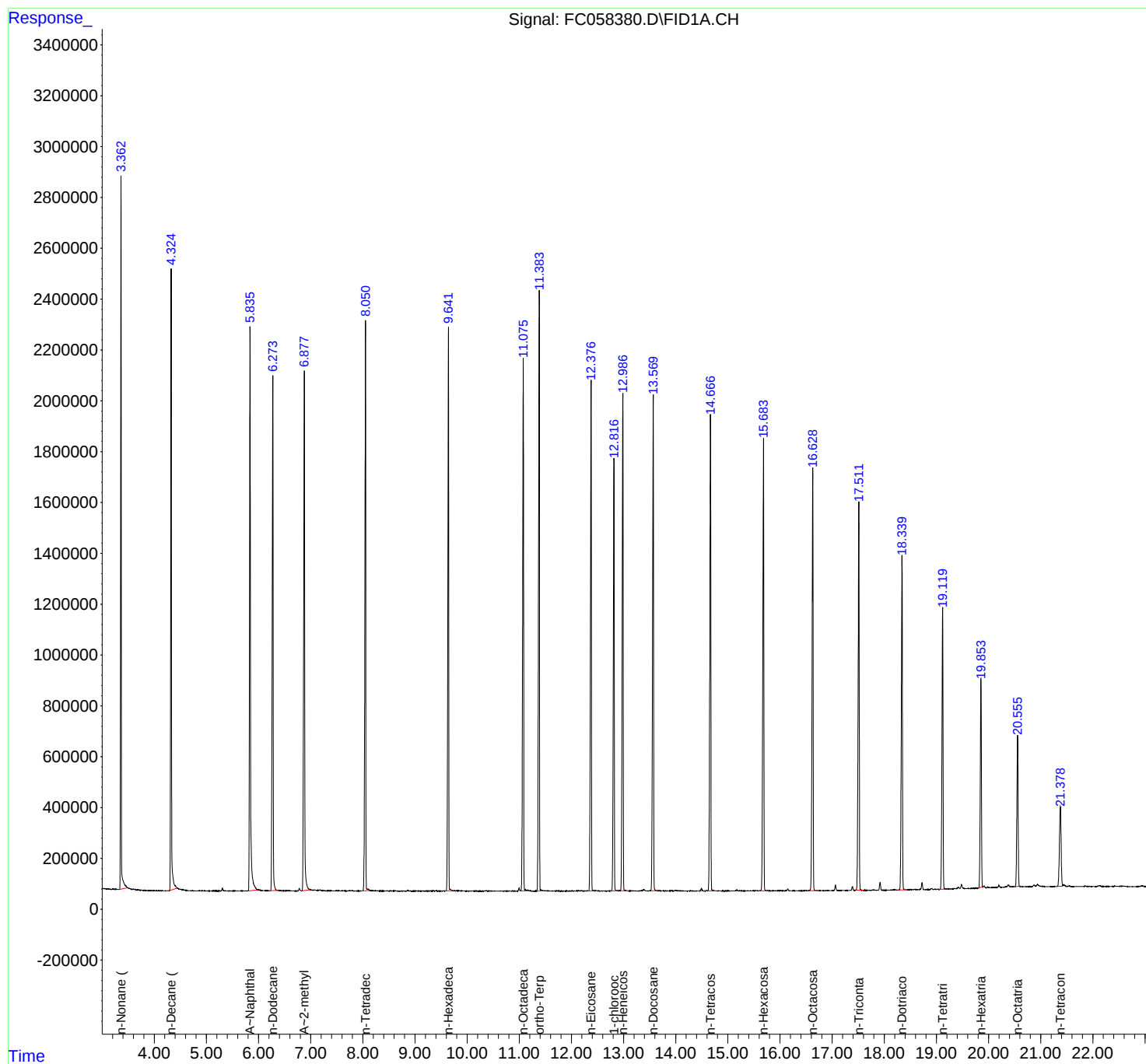
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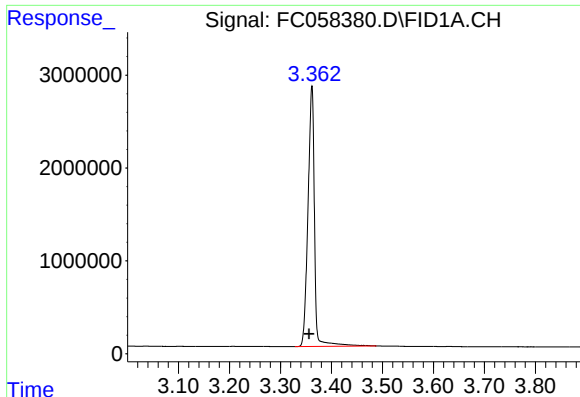
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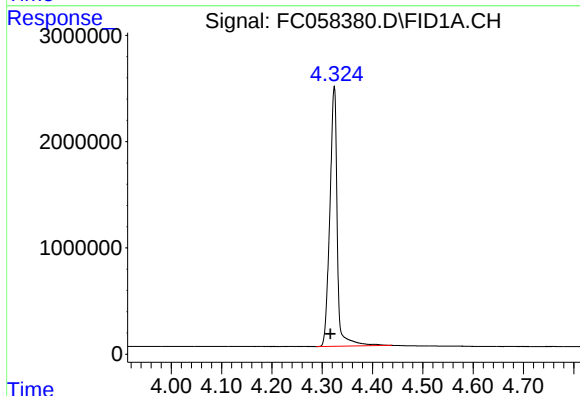
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: 0.005 min
Response: 24821939
Conc: 20.98 ug/ml

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20 PPM ALIPHATIC HC STD

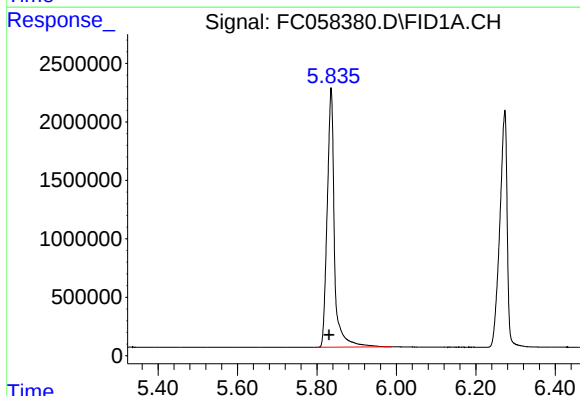
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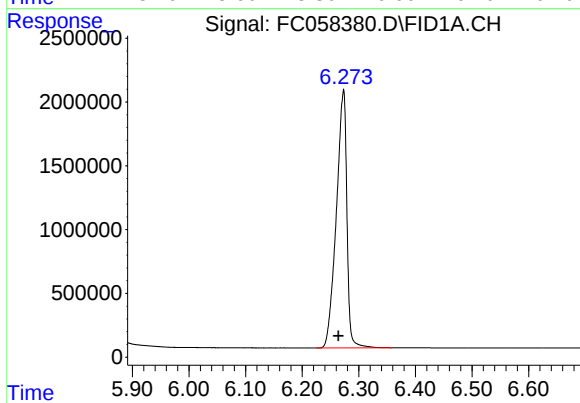
#2 n-Decane (C10)

R.T.: 4.323 min
Delta R.T.: 0.007 min
Response: 25075031
Conc: 20.98 ug/ml



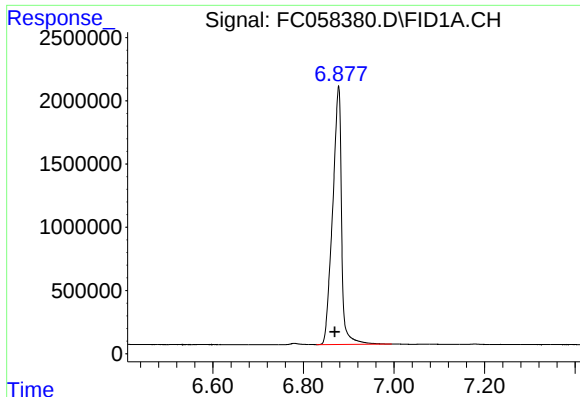
#3 A~Naphthalene (C11.7)

R.T.: 5.835 min
Delta R.T.: 0.005 min
Response: 28101179
Conc: 21.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.272 min
Delta R.T.: 0.008 min
Response: 26163700
Conc: 21.03 ug/ml



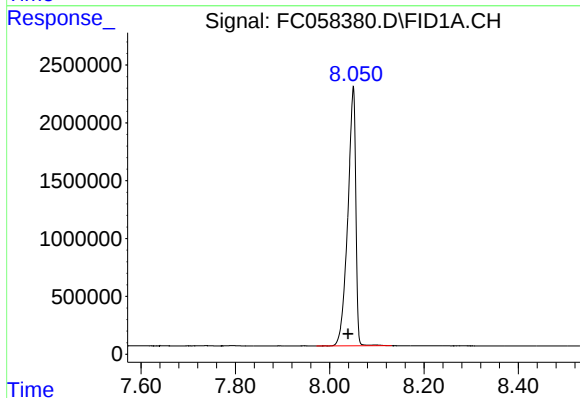
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.877 min
Delta R.T.: 0.008 min
Response: 28056848
Conc: 21.10 ug/ml

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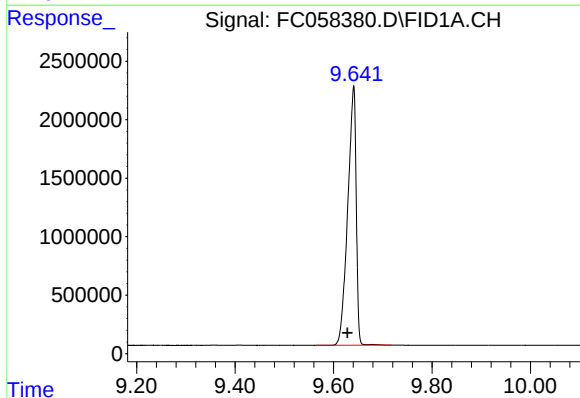
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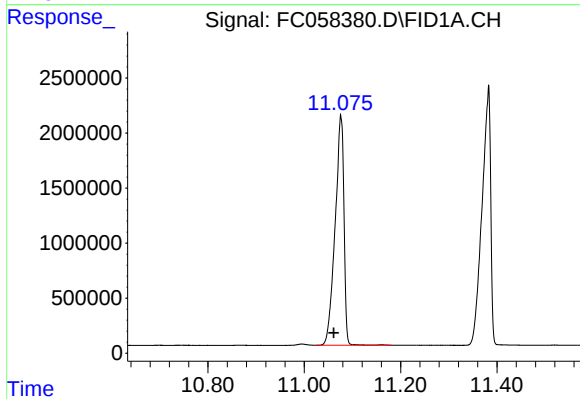
#6 n-Tetradecane (C14)

R.T.: 8.048 min
Delta R.T.: 0.009 min
Response: 26260230
Conc: 21.10 ug/ml



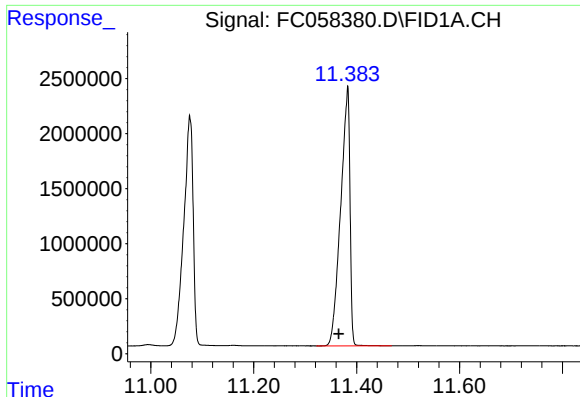
#7 n-Hexadecane (C16)

R.T.: 9.638 min
Delta R.T.: 0.010 min
Response: 26406350
Conc: 21.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.074 min
Delta R.T.: 0.013 min
Response: 26614718
Conc: 21.09 ug/ml



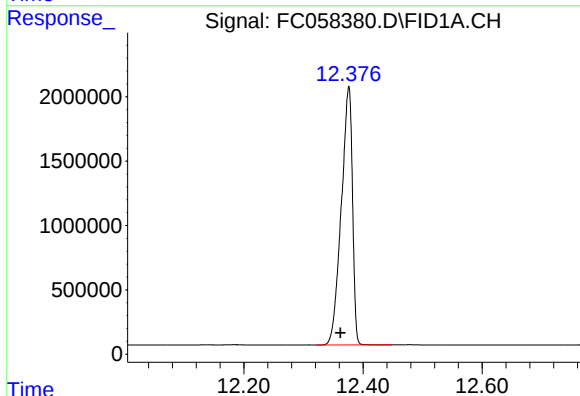
#9 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: 0.014 min
Response: 29470629
Conc: 21.00 ug/ml

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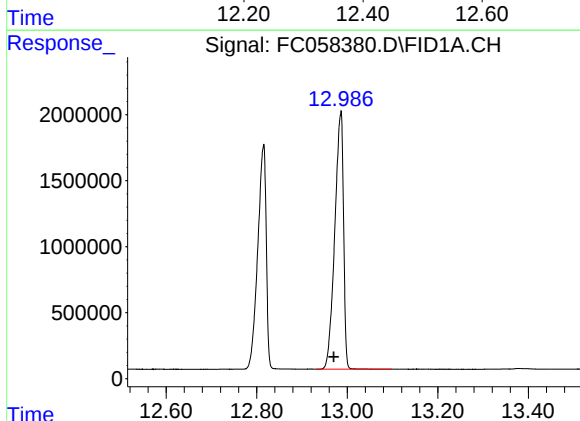
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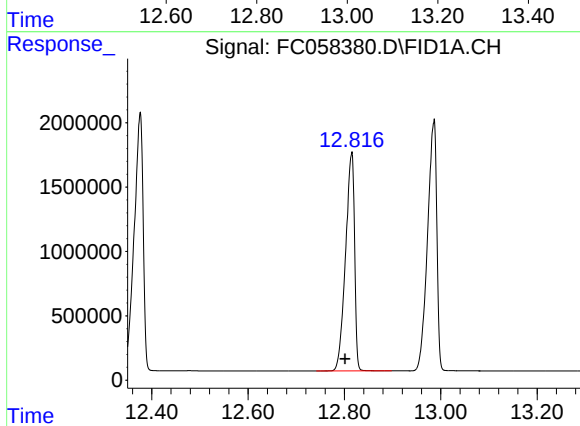
#10 n-Eicosane (C20)

R.T.: 12.374 min
Delta R.T.: 0.012 min
Response: 26128859
Conc: 20.98 ug/ml



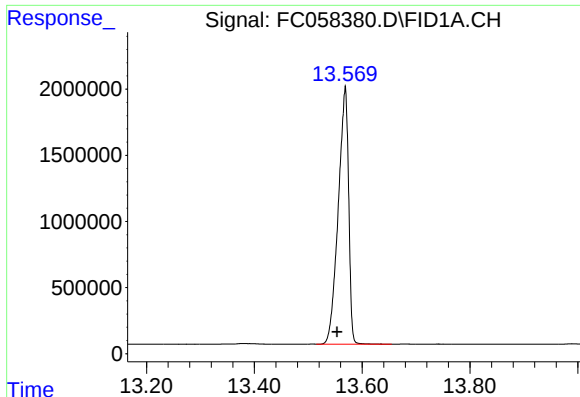
#11 n-Heneicosane (C21)

R.T.: 12.983 min
Delta R.T.: 0.013 min
Response: 26084457
Conc: 20.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.813 min
Delta R.T.: 0.012 min
Response: 22106288
Conc: 21.12 ug/ml



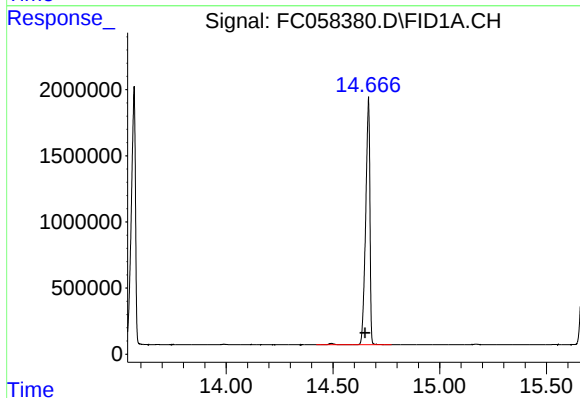
#13 n-Docosane (C22)

R.T.: 13.567 min
Delta R.T.: 0.013 min
Response: 25883973
Conc: 20.95 ug/ml

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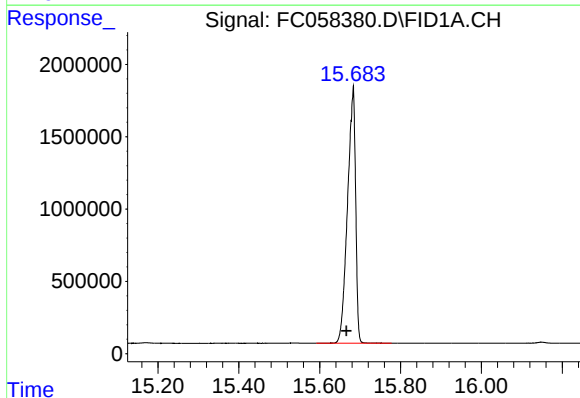
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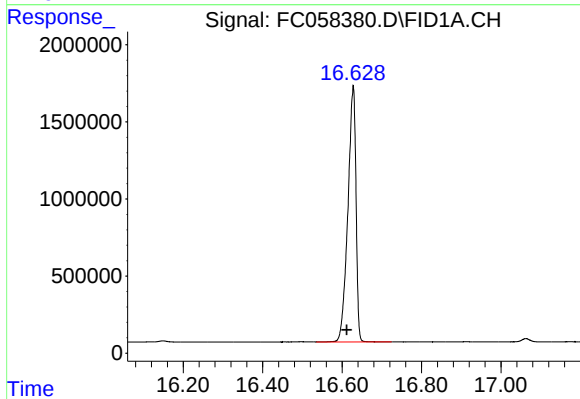
#14 n-Tetracosane (C24)

R.T.: 14.664 min
Delta R.T.: 0.014 min
Response: 25636663
Conc: 21.08 ug/ml



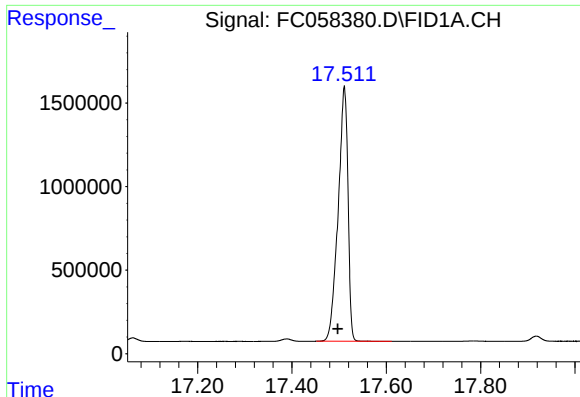
#15 n-Hexacosane (C26)

R.T.: 15.680 min
Delta R.T.: 0.014 min
Response: 24612685
Conc: 20.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.626 min
Delta R.T.: 0.014 min
Response: 23515094
Conc: 20.57 ug/ml



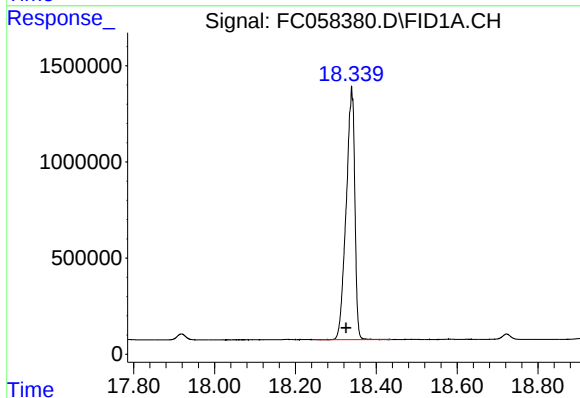
#17 n-Tricontane (C30)

R.T.: 17.510 min
Delta R.T.: 0.013 min
Response: 21993020
Conc: 20.22 ug/ml

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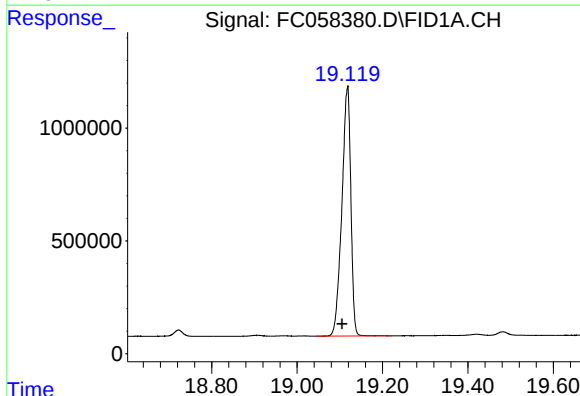
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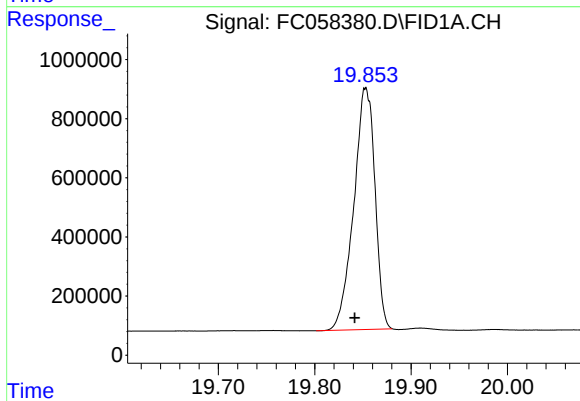
#18 n-Dotriacontane (C32)

R.T.: 18.338 min
Delta R.T.: 0.012 min
Response: 19436881
Conc: 20.52 ug/ml



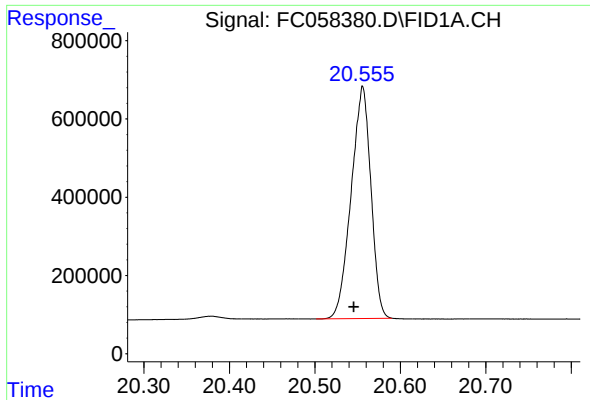
#19 n-Tetratriacontane (C34)

R.T.: 19.117 min
Delta R.T.: 0.011 min
Response: 16137174
Conc: 18.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.853 min
Delta R.T.: 0.011 min
Response: 12494691
Conc: 17.85 ug/ml



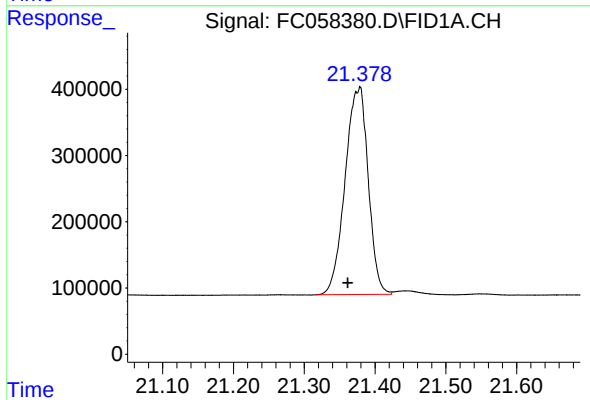
#21 n-Octatriacontane (C38)

R.T.: 20.555 min
Delta R.T.: 0.010 min
Response: 9520623
Conc: 17.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.378 min
Delta R.T.: 0.017 min
Response: 7099235
Conc: 16.31 ug/ml m