

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050420AL\
 Data File : FC047255.D
 Signal(s) : FID1A.CH
 Acq On : 05 May 2020 5:20
 Operator : DD\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

Sohil
 5/6/2020 12:15:54 PM

Integration File: sample.E
 Quant Time: May 05 06:10:32 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 16:30:34 2020
 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)	11.751	2497076	22.440 ug/ml
Spiked Amount 50.000		Recovery =	44.88%
12) S 1-chlorooctadecane (S...	13.166	1963296	21.984 ug/ml
Spiked Amount 50.000		Recovery =	43.97%
Target Compounds			
1) T n-Nonane (C9)	3.551	2282425	23.641 ug/ml
2) T n-Decane (C10)	4.616	2305277	23.898 ug/ml
3) T A~Naphthalene (C11.7)	6.216	2400723	23.831 ug/ml
4) T n-Dodecane (C12)	6.619	2362555	24.029 ug/ml
5) T A~2-methylnaphthalene...	7.264	2399249	24.053 ug/ml
6) T n-Tetradecane (C14)	8.399	2368931	23.987 ug/ml
7) T n-Hexadecane (C16)	9.987	2375282	23.559 ug/ml
8) T n-Octadecane (C18)	11.418	2372557	22.982 ug/ml
10) T n-Eicosane (C20)	12.720	2347808	22.375 ug/ml
11) T n-Heneicosane (C21)	13.328	2347659	22.071 ug/ml
13) T n-Docosane (C22)	13.910	2313542	21.742 ug/ml
14) T n-Tetracosane (C24)	15.007	2297184	21.360 ug/ml
15) T n-Hexacosane (C26)	16.023	2225116	20.624 ug/ml
16) T n-Octacosane (C28)	16.967	2154142	20.154 ug/ml
17) T n-Tricontane (C30)	17.849	1994478	19.931 ug/ml
18) T n-Dotriacontane (C32)	18.677	1500905	19.696 ug/ml
19) T n-Tetratriacontane (C34)	19.456	1112726	19.802 ug/ml
20) T n-Hexatriacontane (C36)	20.189	919882	18.382 ug/mlm
21) T n-Octatriacontane (C38)	20.948	854639	18.847 ug/ml
22) T n-Tetracontane (C40)	21.900	846349	18.042 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

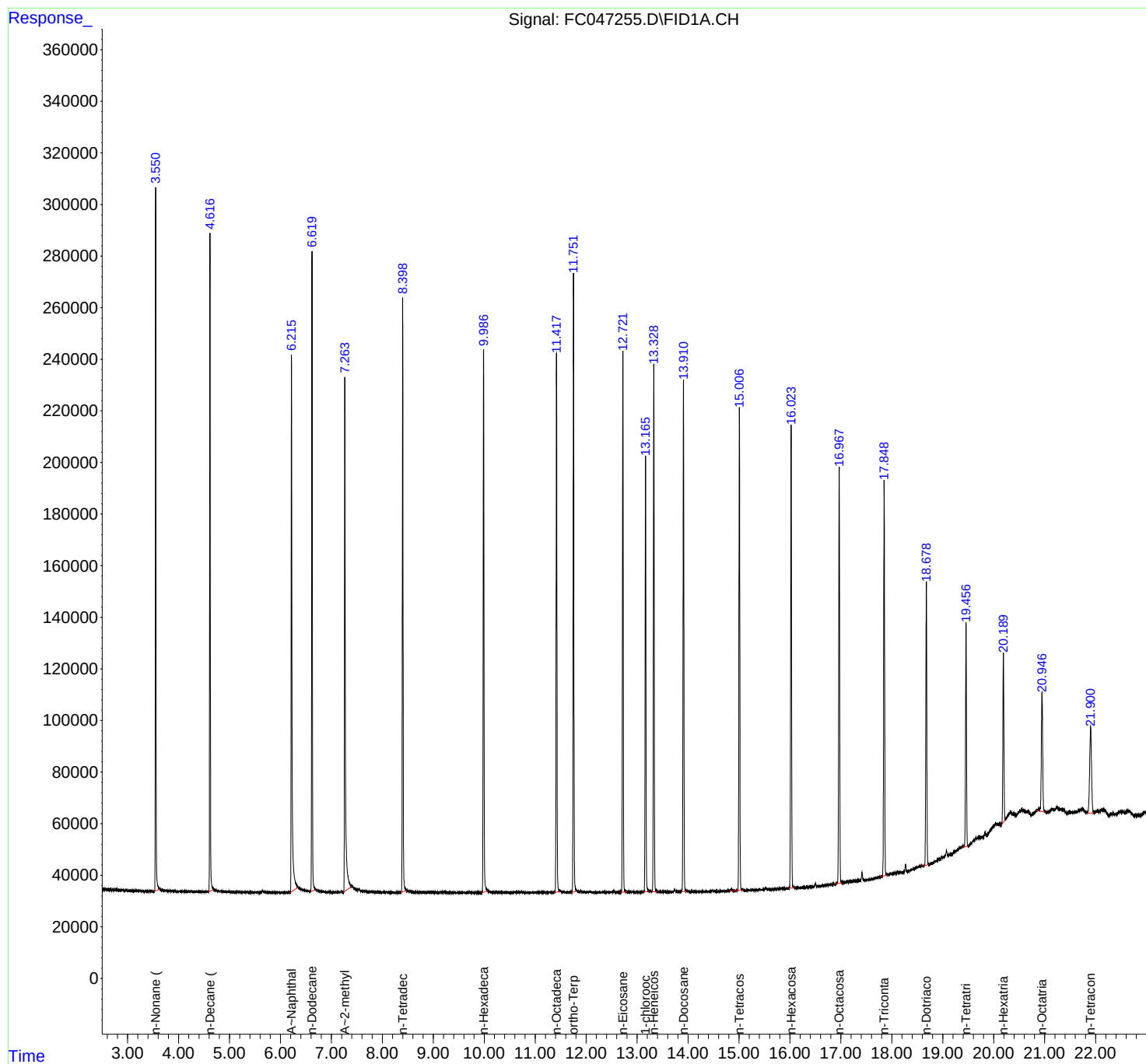
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

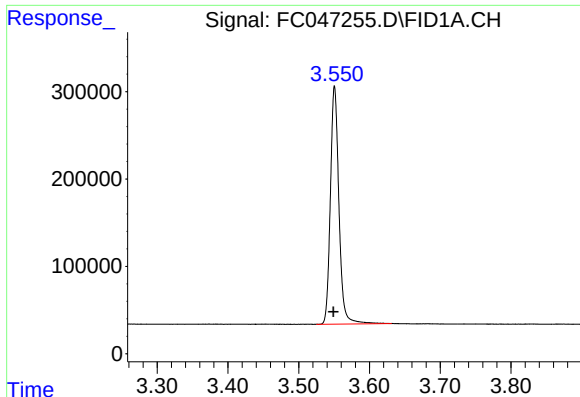
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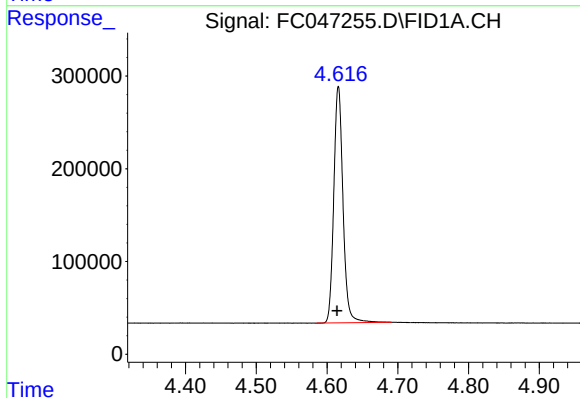
#1 n-Nonane (C9)

R.T.: 3.551 min
Delta R.T.: 0.002 min
Response: 2282425
Conc: 23.64 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

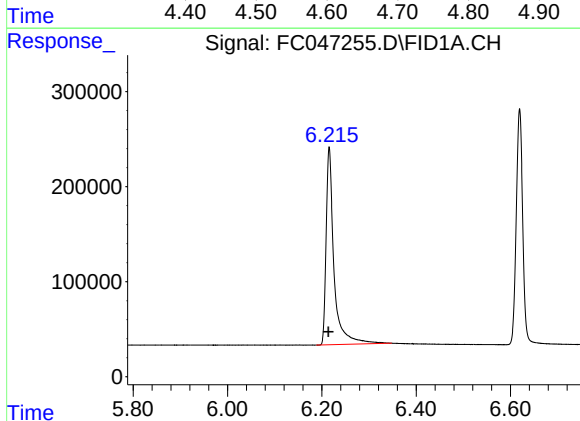
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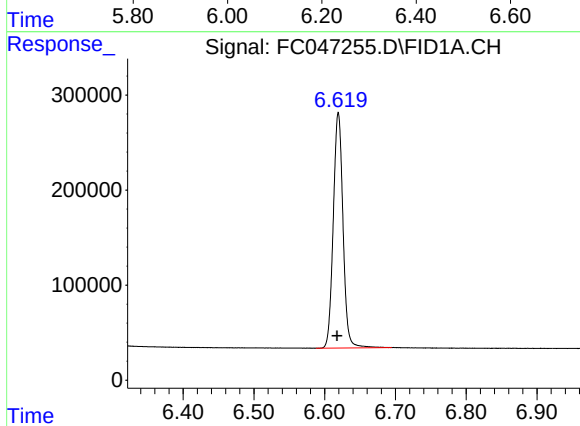
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.002 min
Response: 2305277
Conc: 23.90 ug/ml



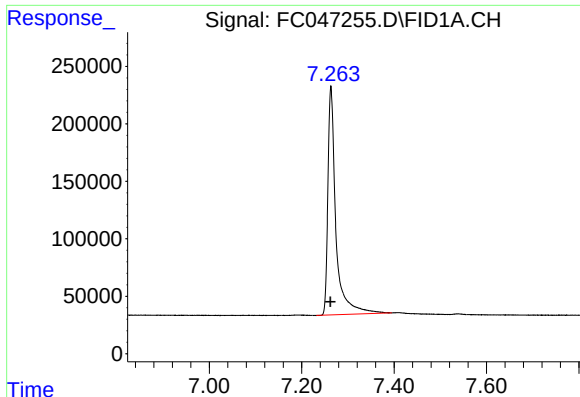
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.002 min
Response: 2400723
Conc: 23.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.619 min
Delta R.T.: 0.002 min
Response: 2362555
Conc: 24.03 ug/ml



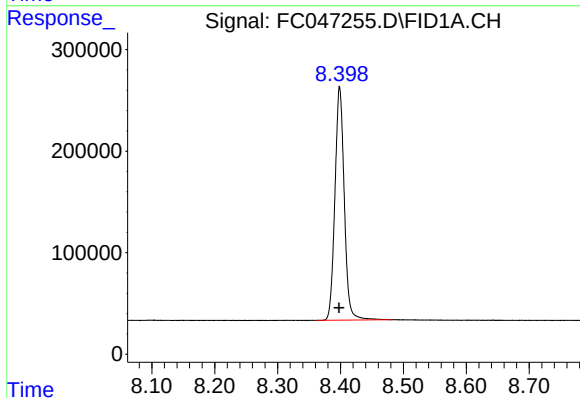
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: 0.001 min
Response: 2399249
Conc: 24.05 ug/ml

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20 PPM ALIPHATIC HC STD

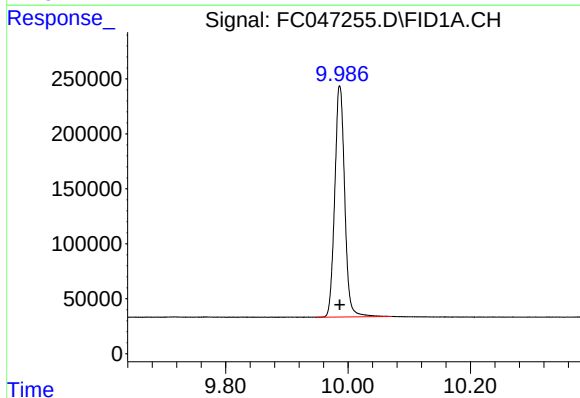
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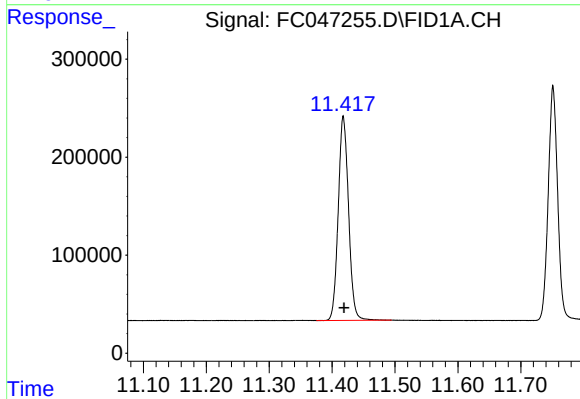
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: 0.001 min
Response: 2368931
Conc: 23.99 ug/ml



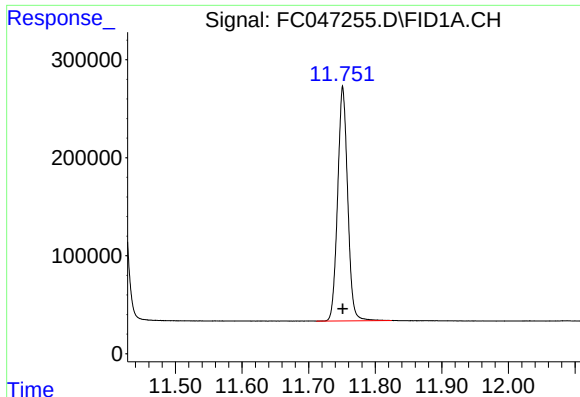
#7 n-Hexadecane (C16)

R.T.: 9.987 min
Delta R.T.: 0.000 min
Response: 2375282
Conc: 23.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.418 min
Delta R.T.: 0.000 min
Response: 2372557
Conc: 22.98 ug/ml



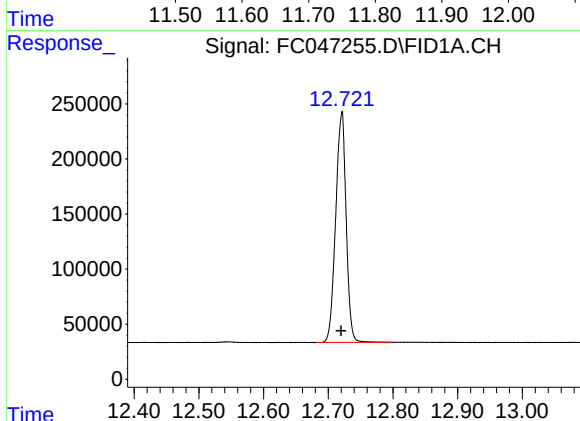
#9 ortho-Terphenyl (SURR)

R.T.: 11.751 min
Delta R.T.: 0.000 min
Response: 2497076
Conc: 22.44 ug/ml

Instrument :
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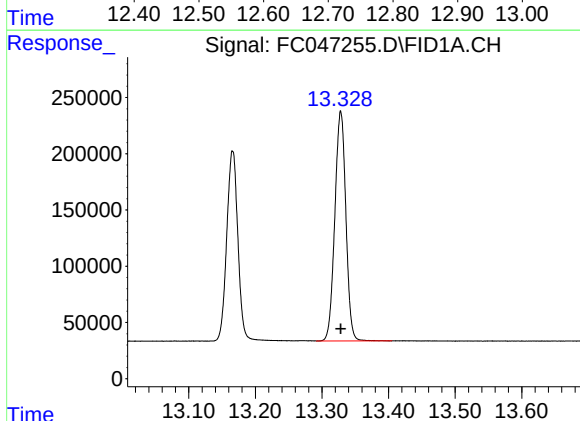
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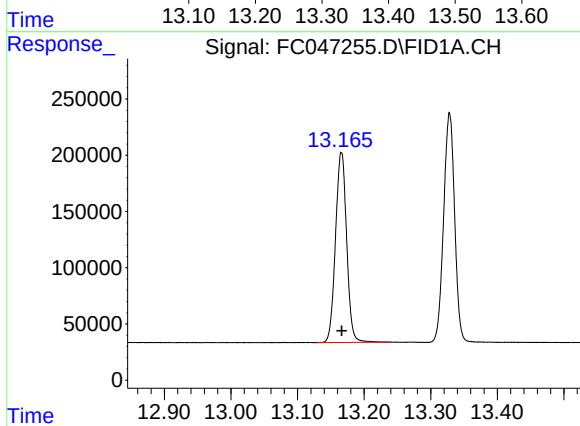
#10 n-Eicosane (C20)

R.T.: 12.720 min
Delta R.T.: 0.000 min
Response: 2347808
Conc: 22.38 ug/ml



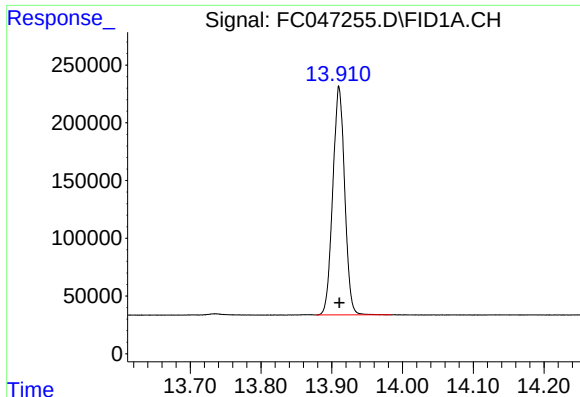
#11 n-Heneicosane (C21)

R.T.: 13.328 min
Delta R.T.: 0.000 min
Response: 2347659
Conc: 22.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.166 min
Delta R.T.: 0.000 min
Response: 1963296
Conc: 21.98 ug/ml



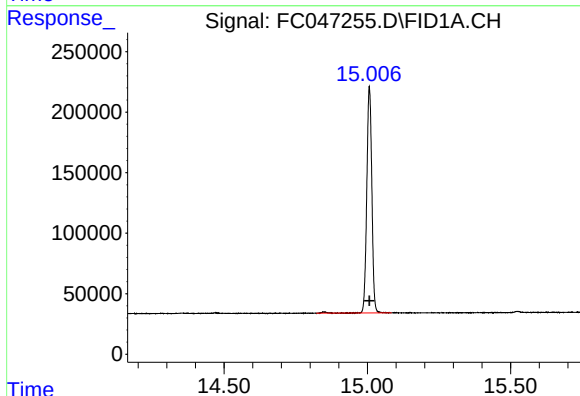
#13 n-Docosane (C22)

R.T.: 13.910 min
Delta R.T.: 0.000 min
Response: 2313542
Conc: 21.74 ug/ml

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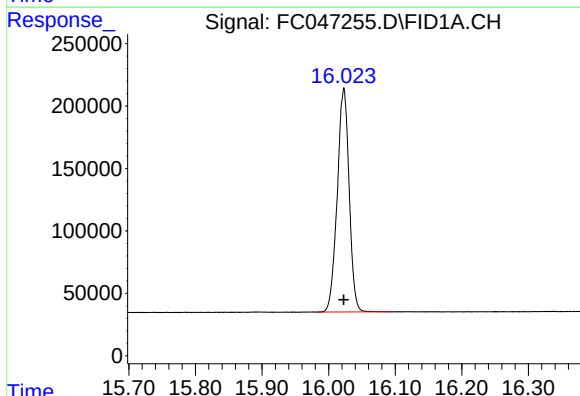
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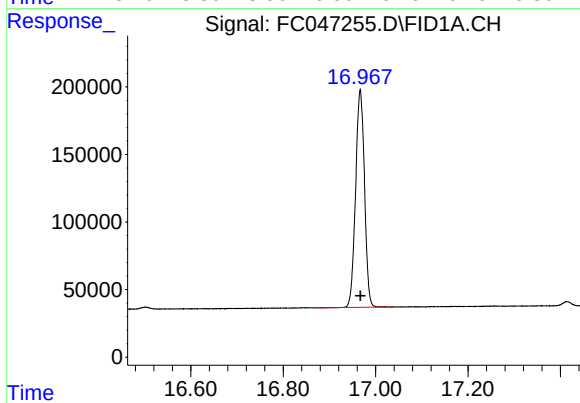
#14 n-Tetracosane (C24)

R.T.: 15.007 min
Delta R.T.: 0.000 min
Response: 2297184
Conc: 21.36 ug/ml



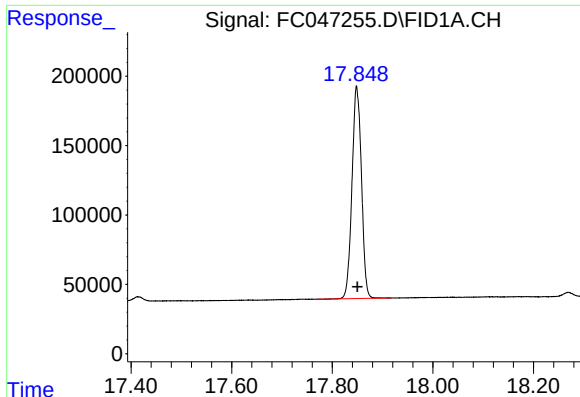
#15 n-Hexacosane (C26)

R.T.: 16.023 min
Delta R.T.: 0.000 min
Response: 2225116
Conc: 20.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.967 min
Delta R.T.: 0.000 min
Response: 2154142
Conc: 20.15 ug/ml



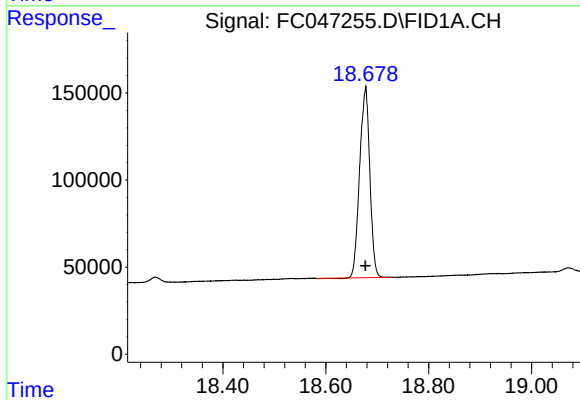
#17 n-Tricontane (C30)

R.T.: 17.849 min
Delta R.T.: -0.001 min
Response: 1994478
Conc: 19.93 ug/ml

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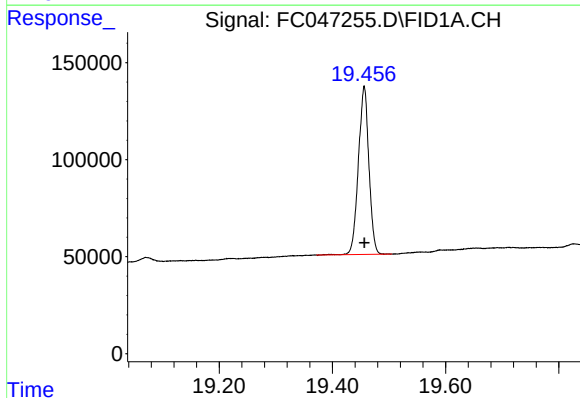
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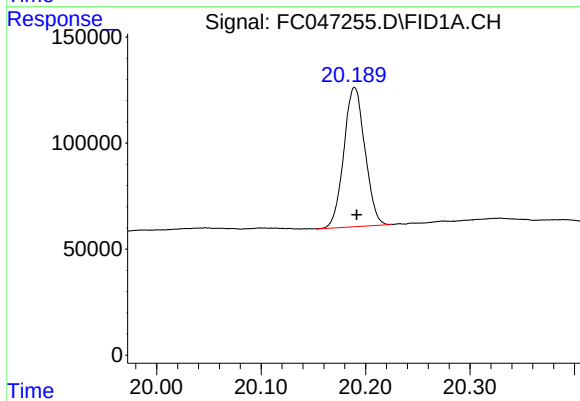
#18 n-Dotriacontane (C32)

R.T.: 18.677 min
Delta R.T.: 0.000 min
Response: 1500905
Conc: 19.70 ug/ml



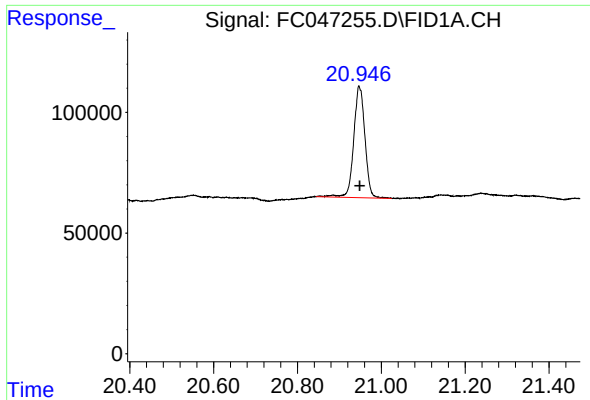
#19 n-Tetratriacontane (C34)

R.T.: 19.456 min
Delta R.T.: 0.000 min
Response: 1112726
Conc: 19.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.189 min
Delta R.T.: -0.002 min
Response: 919882
Conc: 18.38 ug/ml m



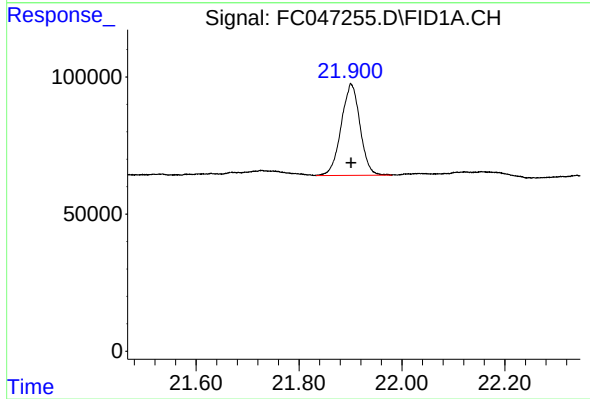
#21 n-Octatriacontane (C38)

R.T.: 20.948 min
Delta R.T.: 0.000 min
Response: 854639
Conc: 18.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.900 min
Delta R.T.: -0.001 min
Response: 846349
Conc: 18.04 ug/ml m