

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050120AL\
 Data File : FC047221.D
 Signal(s) : FID1A.CH
 Acq On : 01 May 2020 23:45
 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
 5/4/2020 2:10:57 PM

Integration File: autoint1.e
 Quant Time: May 02 02:03:26 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)	11.755	2228327	20.025 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
12) S 1-chlorooctadecane (S...	13.169	1751834	19.616 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
Target Compounds			
1) T n-Nonane (C9)	3.553	1997693	20.692 ug/ml
2) T n-Decane (C10)	4.618	2021639	20.958 ug/ml
3) T A~Naphthalene (C11.7)	6.219	2096512	20.811 ug/ml
4) T n-Dodecane (C12)	6.621	2075925	21.114 ug/ml
5) T A~2-methylnaphthalene...	7.267	2098459	21.038 ug/ml
6) T n-Tetradecane (C14)	8.401	2090730	21.170 ug/ml
7) T n-Hexadecane (C16)	9.989	2100519	20.834 ug/ml
8) T n-Octadecane (C18)	11.421	2111732	20.456 ug/ml
10) T n-Eicosane (C20)	12.722	2092161	19.939 ug/ml
11) T n-Heneicosane (C21)	13.331	2090513	19.653 ug/ml
13) T n-Docosane (C22)	13.914	2058304	19.344 ug/ml
14) T n-Tetracosane (C24)	15.009	2063842	19.191 ug/ml
15) T n-Hexacosane (C26)	16.025	2010204	18.632 ug/ml
16) T n-Octacosane (C28)	16.969	1955536	18.296 ug/ml
17) T n-Tricontane (C30)	17.853	1834736	18.335 ug/ml
18) T n-Dotriacontane (C32)	18.680	1407630	18.472 ug/ml
19) T n-Tetratriacontane (C34)	19.459	1066272	18.975 ug/mlm
20) T n-Hexatriacontane (C36)	20.193	934768	18.680 ug/mlm
21) T n-Octatriacontane (C38)	20.953	840893	18.544 ug/mlm
22) T n-Tetracontane (C40)	21.906	875178	18.657 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

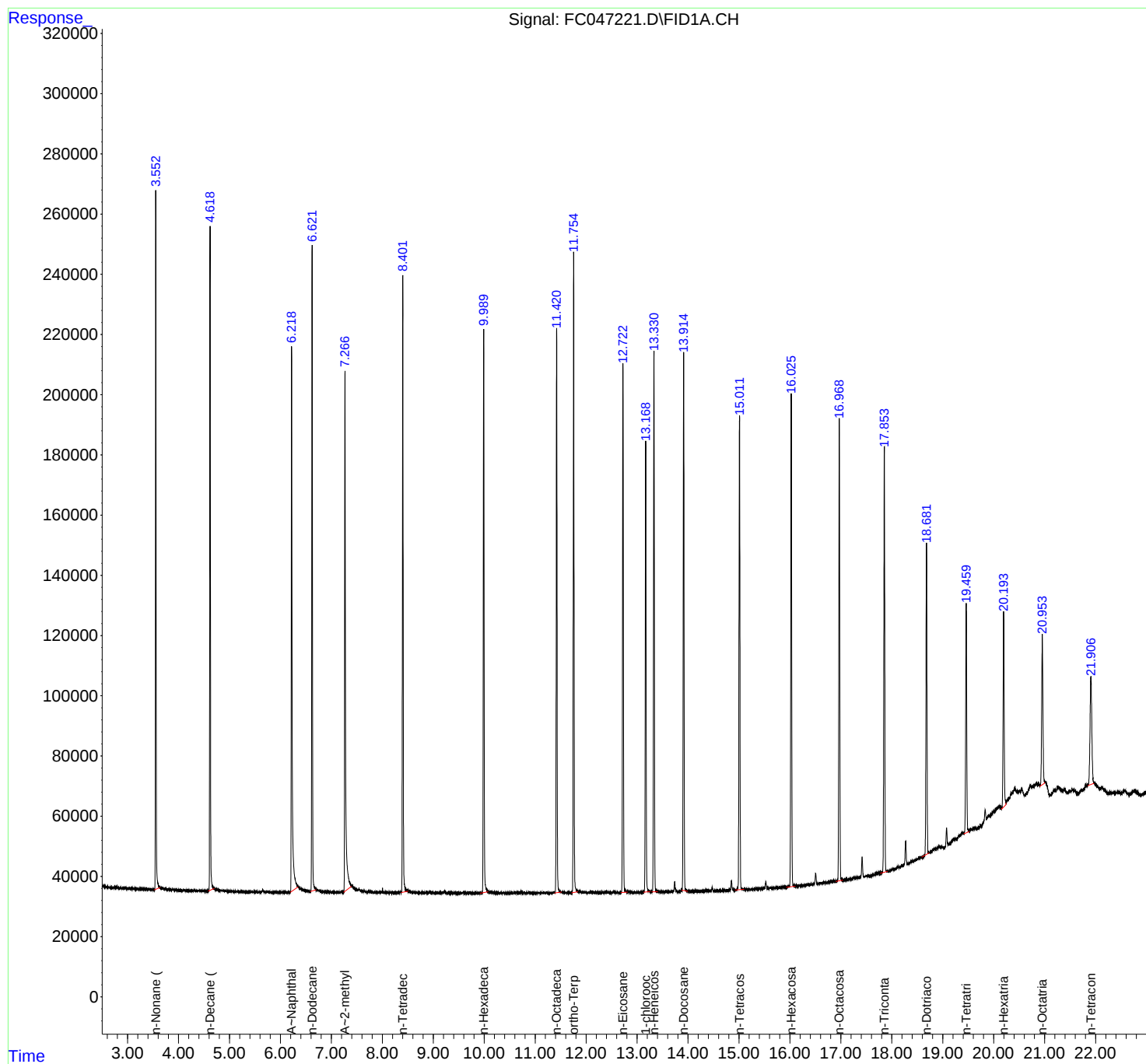
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

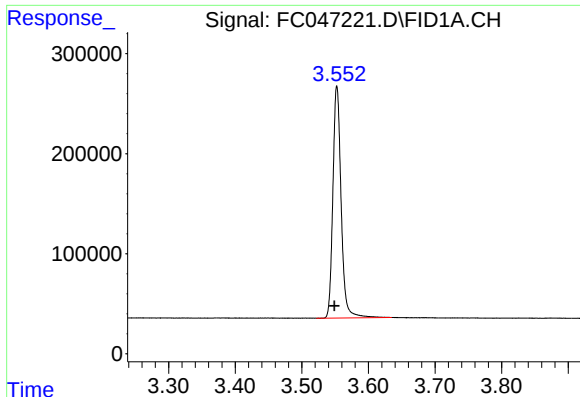
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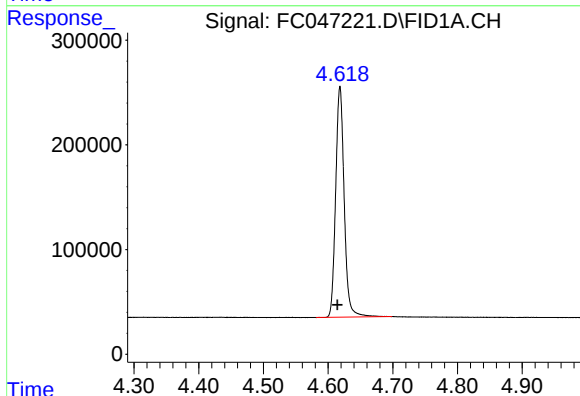
#1 n-Nonane (C9)

R.T.: 3.553 min
Delta R.T.: 0.004 min
Response: 1997693
Conc: 20.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

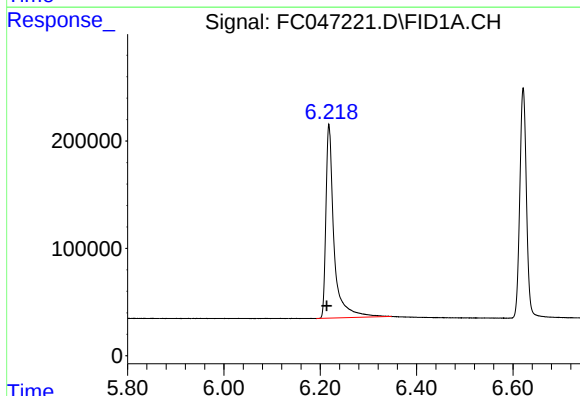
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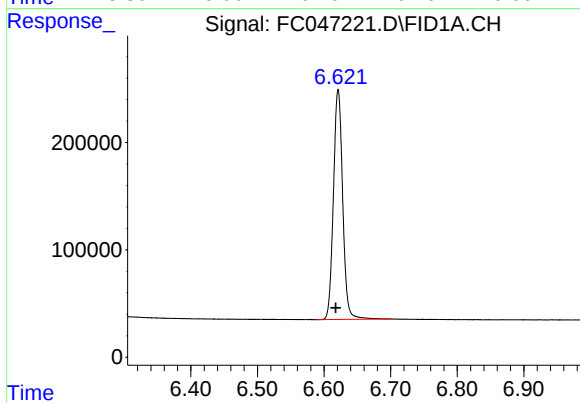
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.004 min
Response: 2021639
Conc: 20.96 ug/ml



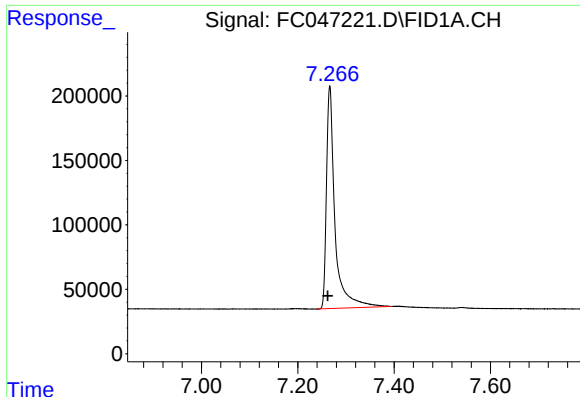
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: 0.005 min
Response: 2096512
Conc: 20.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.621 min
Delta R.T.: 0.004 min
Response: 2075925
Conc: 21.11 ug/ml



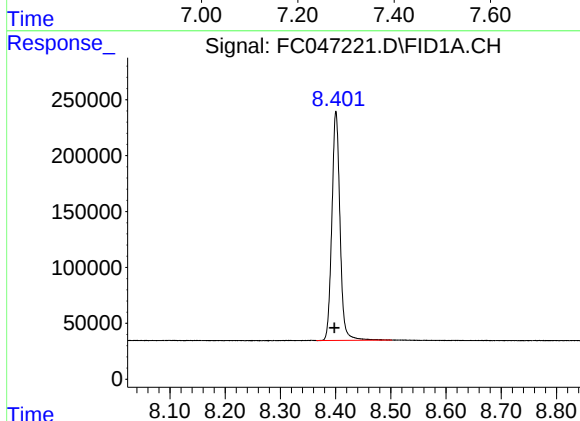
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.267 min
Delta R.T.: 0.004 min
Response: 2098459
Conc: 21.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

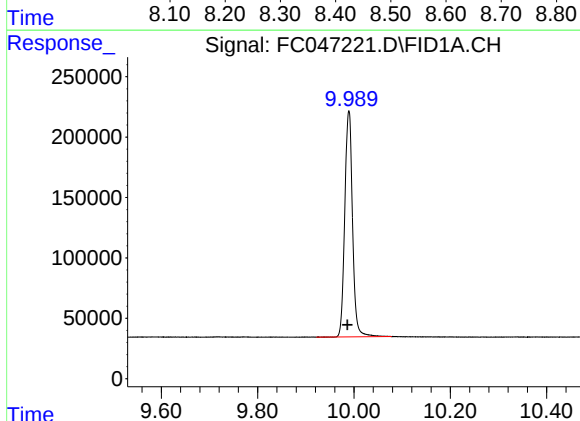
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5/4/2020 2:10:57 PM



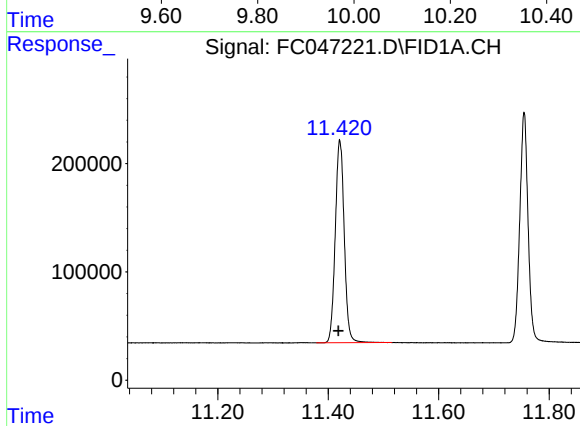
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: 0.003 min
Response: 2090730
Conc: 21.17 ug/ml



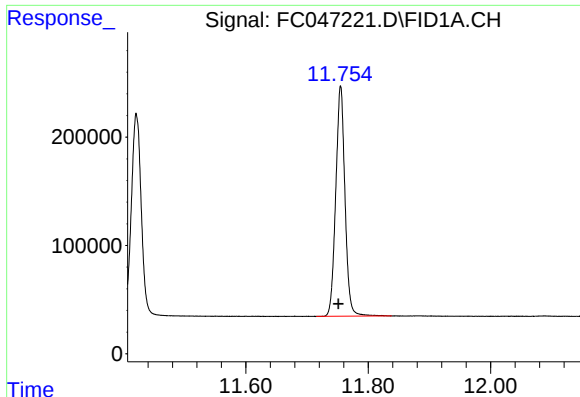
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: 0.003 min
Response: 2100519
Conc: 20.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.421 min
Delta R.T.: 0.002 min
Response: 2111732
Conc: 20.46 ug/ml



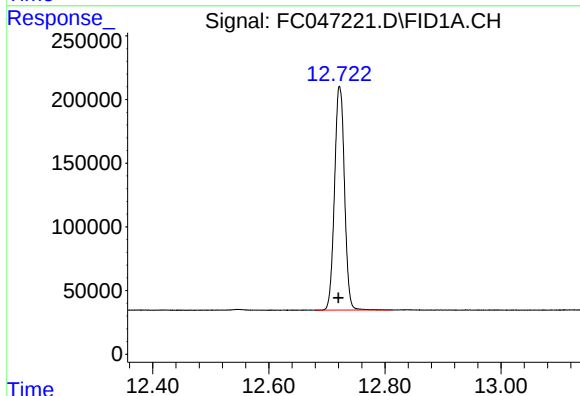
#9 ortho-Terphenyl (SURR)

R.T.: 11.755 min
Delta R.T.: 0.003 min
Response: 2228327
Conc: 20.03 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

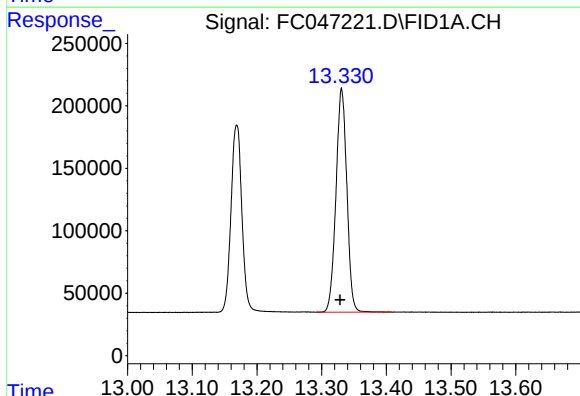
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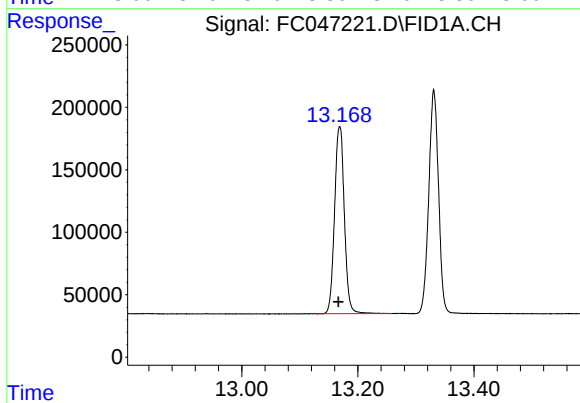
#10 n-Eicosane (C20)

R.T.: 12.722 min
Delta R.T.: 0.002 min
Response: 2092161
Conc: 19.94 ug/ml



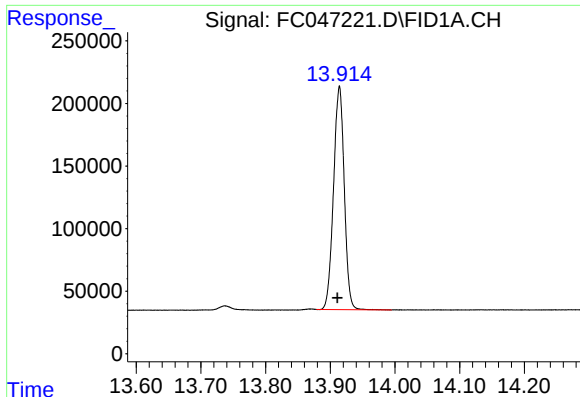
#11 n-Heneicosane (C21)

R.T.: 13.331 min
Delta R.T.: 0.003 min
Response: 2090513
Conc: 19.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.169 min
Delta R.T.: 0.002 min
Response: 1751834
Conc: 19.62 ug/ml



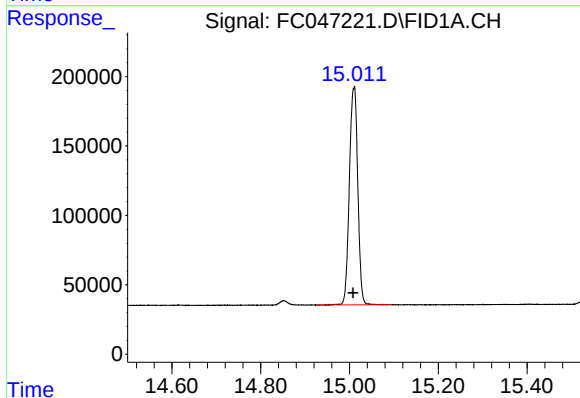
#13 n-Docosane (C22)

R.T.: 13.914 min
Delta R.T.: 0.003 min
Response: 2058304
Conc: 19.34 ug/ml

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20 PPM ALIPHATIC HC STD

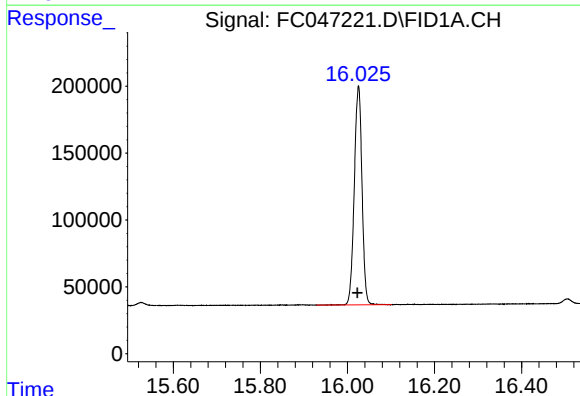
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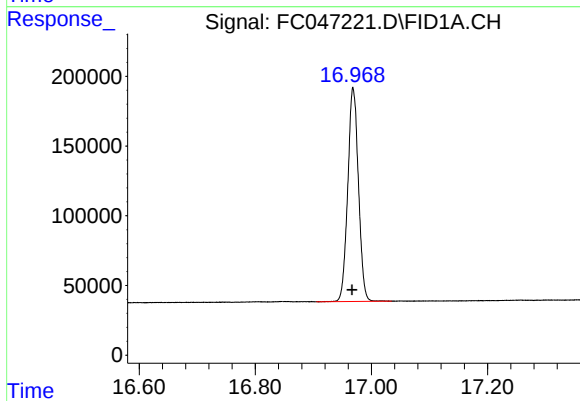
#14 n-Tetracosane (C24)

R.T.: 15.009 min
Delta R.T.: 0.002 min
Response: 2063842
Conc: 19.19 ug/ml



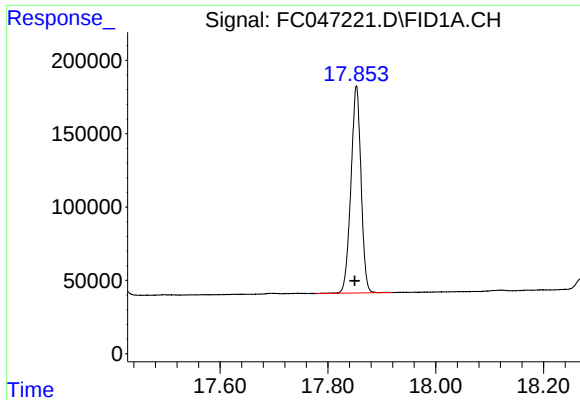
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: 0.002 min
Response: 2010204
Conc: 18.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.969 min
Delta R.T.: 0.002 min
Response: 1955536
Conc: 18.30 ug/ml



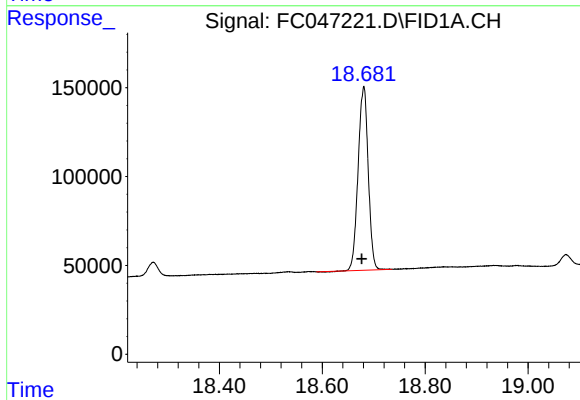
#17 n-Tricontane (C30)

R.T.: 17.853 min
Delta R.T.: 0.003 min
Response: 1834736
Conc: 18.34 ug/ml

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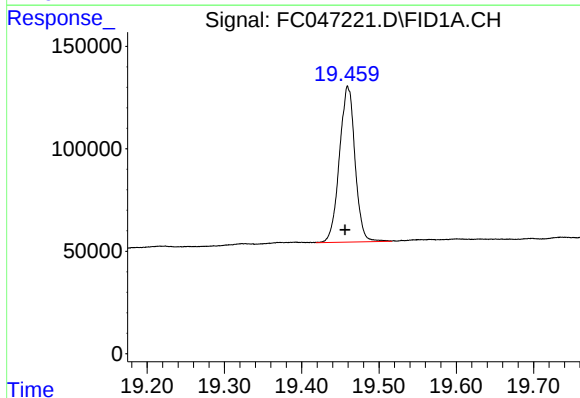
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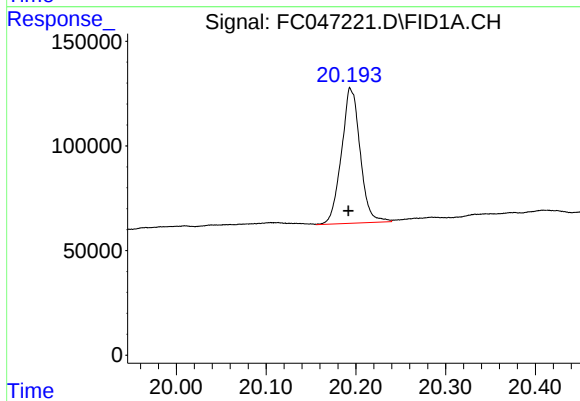
#18 n-Dotriacontane (C32)

R.T.: 18.680 min
Delta R.T.: 0.003 min
Response: 1407630
Conc: 18.47 ug/ml



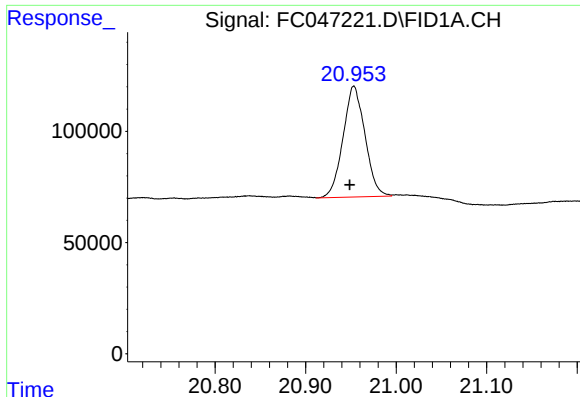
#19 n-Tetratriacontane (C34)

R.T.: 19.459 min
Delta R.T.: 0.003 min
Response: 1066272
Conc: 18.98 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.193 min
Delta R.T.: 0.001 min
Response: 934768
Conc: 18.68 ug/ml m



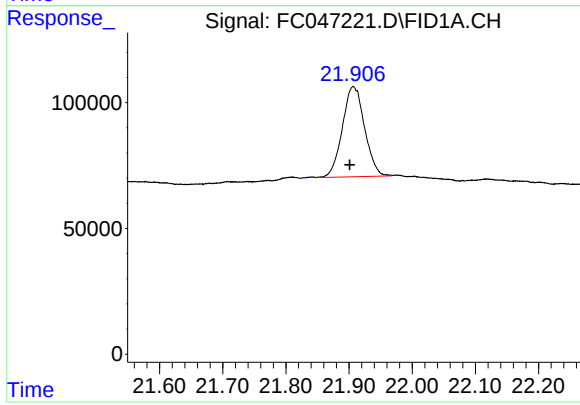
#21 n-Octatriacontane (C38)

R.T.: 20.953 min
Delta R.T.: 0.004 min
Response: 840893
Conc: 18.54 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.906 min
Delta R.T.: 0.005 min
Response: 875178
Conc: 18.66 ug/ml m